AD610023

OAR quarterly index of current RESEARCH RESULTS

1 July–30 September 1964

Office of Aerospace Research
United States Air Force

Agencies of the Department of Defense, qualified contractors and other government agencies may obtain copies from the

Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314

This document has been released also to the

U. S. Department of Commerce
National Bureau of Standards
Clearing House for Federal Scientific
and Technical Information
5285 Port Royal Road
Springfield, Va. 22151

for sale to the general public.

OAR Quarterly Index of CURRENT RESEARCH RESULTS

1 JULY - 30 SEPTEMBER 1964

OFFICE OF AEROSPACE RESEARCH
UNITED STATES AIR FORCE
WASHINGTON, D. C.

DDC
RECEIVED
JAN 22 1965

FOREWORD

The primary mission of the Office of Aerospace Research is to plan and manage the Air Force research program. In addition, we carry out exploratory development for the Air Force Systems Command in the areas of Environment and Aerospace Environment. Finally, we conduct research in fields where we have special competence for the Air Force Systems Command and the Advanced Research Projects Agency, work on specific projects for the Defense Atomic Support Agency, and cooperate with the National Aeronautics and Space Administration on tasks of mutual interest.

We are aware of the urgent need to expedite the exchange of scientific and technical information within the DoD and between DoD elements and the scientific community. Personal contact has long been one of the best media for such interchange. In certain cases, this is all that is needed. But in other cases, in view of the rapidly increasing quantity of information, personal contact is not enough to meet the requirements for effective communication.

With this thought in mind, we published the OAR Cumulative Index of Research Results, 1959-1962 as a means for accelerating the interchange of scientific and technical information between scientist and scientist, and between the researcher and the user. This was followed by the OAR Cumulative Index of Research Results, 1963. In 1964 we began publishing the OAR Quarterly Index of Current Research Results to continue the tradition of making available to all who can use them the results of OAR research efforts. We hope that you will find this volume useful.

Don R. Ostrander

DON R. OSTRANDER
Major General, USAF
Commander
Office of Aerospace Research

INTRODUCTION

The OAR Quarterly Index of Current Research Results is designed:

- to identify all technical reports produced and published by the various organizations within the Office of Aerospace Research during the quarter indicated.
- to provide a record of the results of research conducted and sponsored by each OAR organization.
- to furnish a ready reference for the identification of technical reports produced by particular authors or contractors, or under certain contracts, grants or projects.

Every effort has been made to include all research results published during this quarterly reporting period (both in-house and contractor technical reports and journal articles) as well as other research products which are not technical reports per se but have resulted wholly or in part from OAR support (translations, monographs, symposia proceedings, state-of-the-art studies, reviews and textbooks).

The OAR Quarterly Index of Current Research Results is divided into several parts beginning with a bibliography of the reports published during the reporting period. This bibliography is organized into sections by monitoring organizations. Within each section, the technical reports are arranged alphanumerically according to the report number assigned by each organization. Each bibliographic entry includes the following information (if available and applicable): the report number; corporate author; title and date; security classification of the report (if classified); the name(s) of the author(s); the Defense Documentation Center (DDC) accession number; the instrument (contract or grant) number; and the project and task numbers. Several indexes follow the bibliography and are keyed to it by the report numbers. These are: an author index; a corporate-author index; an instrument-number index; a project/task-number index; and a KWIC (Keyword-in-Context) index of the report titles.

Any questions concerning this publication, or suggestions for improving subsequent indexes of research results, should be directed to the Office of Scientific and Technical Information (RRY), Hq Office of Aerospace Research, USAF, 4th and Independence Ave., S.W., Washington, D.C. 20333.

INTRODUCTION

The OAR Quarterly Index of Current Research Results is designed:

- to identify all technical reports produced and published by the various organizations within the Office of Aerospace Research during the quarter indicated.
- to provide a record of the results of research conducted and sponsored by each OAR organization.
- to furnish a ready reference for the identification of technical reports produced by particular authors or contractors, or under certain contracts, grants or projects.

Every effort has been made to include all research results published during this quarterly reporting period (both in-house and contractor technical reports and journal articles) as well as other research products which are not technical reports per se but have resulted wholly or in part from OAR support (translations, monographs, symposia proceedings, state-of-the-art studies, reviews and textbooks).

The OAR Quarterly Index of Current Research Results is divided into several parts beginning with a bibliography of the reports published during the reporting period. This bibliography is organized into sections by monitoring organizations. Within each section, the technical reports are arranged alphanumerically according to the report number assigned by each organization. Each bibliographic entry includes the following information (if available and applicable): the report number; corporate author; title and date; security classification of the report (if classified); the name(s) of the author(s); the Defense Documentation Center (DDC) accession number; the instrument (contract or grant) number; and the project and task numbers. Several indexes follow the bibliography and are keyed to it by the report numbers. These are: an author index; a corporate-author index; an instrument-number index; a project/task-number index; and a KWIC (Keyword-in-Context) index of the report titles.

Any questions concerning this publication, or suggestions for improving subsequent indexes of research results, should be directed to the Office of Scientific and Technical Information (RRY), Hq Office of Aerospace Research, USAF, 4th and Independence Ave., S.W., Washington, D.C. 20333.

TITLES OF PROJECTS

3914	RESEARCH ON SOLID PROPELLENTS
4600	ANTENNA TECHNIQUES AND RESEARCH
4603	ELECTROMAGNETIC PROPAGATIONS
4608	SOLID STATE DEVICES PHYSICS
4610	COMMUNICATIONS
4641	ADVANCED DATA PROCESSING TECHNIQUES
4642	ELECTROMAGNETIC RADIATION W ION FLOW FIELDS
4643	RADIO AND RADAR ASTRONOMY
4645	ADVANCED DEVICES TECHNIQUES
4649	OVER-THE-HORIZON DETECTION
4662	ATOMIC STRIKE RECOND SYS
4691	ADVANCED CONCEPTS IN DETECTION RECOGNITION
4751	JOINT ELECTRONICS RESEARCH
5101	SYSTEMS EFFECTIVENESS ANALYSIS
5620	CHEMISTRY OF ELECTRONIC MATERIALS
5621	CRYSTALS PHYSICS
5628	COMMUNICATIONS PROCESSES
5629	RADIO ASTRONOMY AND ASTROPHYSICS
5631	RESEARCH IN ELECTROMAGNETIC PROPAGATION
5632	RESEARCH ON ELECTRONIC INFORMATION
5634	PHYSICAL ELECTRONICS
5635	ELECTROMAGNETIC RADIATION
5930	RANGE TRAJECTORY AND ORBITAL MSR
6020	ATMOSPHERE RECCE, TECH.
6327	REENTRY VEH. INSTRUMENT
6670	ATMOSPHERIC SENSING TECHNIQUES
6672	WEATHER RADAR TECHNIQUES
6682	TEST RANGE MET. SUPPORT
6687	AEROSPACE COMPOSITION
6688	AEROSPACE RADIATION
6690	AEROSPACE DENSITY
6694	ENERGY CONVERSION RESEARCH
6698	SATELLITE METEOROLOGY
7021	STRUCTURE AND PROPERTIES OF SOLIDS
7022	SURFACE AND INTERFACE PHENOMENA OF MATTER
7023	CHEMICAL RESEARCH ON MATTER
7063	MECHANICS OF FLIGHT
7064	HIGH SPEED FLOW RESEARCH
7065	AEROSPACE SIMULATION TECHNIQUES RESEARCH
7071	MATHEMATICAL TECHNIQUES OF AERONECHANICS
7073	RESEARCH ON PLASMA DYNAMICS
7112	RESEARCH IN GENERAL PHYSICS
7600	GEODESY FOR NAVIGUIDANCE
7601	ELEC. & MAGNETIC FIELDS
7621	ATMOSPHERIC OPTICS
7628	TERRESTRIAL UTILIZATION
7635	ATMOSPHERIC CHEMICAL PHYSICS
7637	AIR PRESSURE PULSE
7649	SOLAR TERRESTRIAL EFFECTS
7655	MICROMETEOROLOGY
7661	AURORAL PHYSICS
7663	IONOSPHERIC CHARACTERISTICS
7667	METEOR PHYSICS
7670	GEOPHYSICAL INFRARED RADIATION
7673	SIMULATION BY CHEMICALS
7674	NUCLEAR WEAPON THERMAL RADIATION
7690	NUCLEAR BOMB DEBRIS
7885	RESEARCH IN SOLID STATE PHYSICS
7903	CHEMISTRY SYSTEMS AND CHARACTERIZATION
7904	CONTROLS AND ORBITS
8600	RESEARCH ON COSMIC RADIATION
8601	RESEARCH IN GEOMAGNETISM
8602	LUNAR-PLANETARY SPECTRA
8603	RESEARCH ON INFRARED SPECTROSCOPIC TECHNIQUES
8604	METEOROLOGICAL RESEARCH
8605	RESEARCH ON PHYSICS OF IONOSPHERIC REGIONS
8608	RESEARCH ON UNCONVENTIONAL PROPULSION ENERGY SOURCES AND METHODS
8617	ELEC. STRUCTURE AEROSPACE
8620	RESEARCH ON CLOUD PHYSICS
8624	VARIABILITY OF METEOROLOGICAL ELEMENTS
8627	SPECTROSCOPIC STUDIES OF UPPER ATMOSPHERIC PROCESSES
8628	NUMERICAL WEATHER PREDICATIONS
8631	OZONE VARIABILITY
8635	RSCH ON PHYSICAL PROCESSES
8647	RESEARCH ON MAGNETOHYDRODYNAMICS AND SPACE PHYSICS
8652	VELA UNIFORM
8653	NUCLEAR EFFECTS ON IONOSPHERIC CHARACTERISTICS
8654	AEROSPACE GEODESY
8659	ENERGETICS PROCESSES RESEARCH
9710	INORGANIC CHEMISTRY, ANALYTICAL CHEMISTRY AND NEW TECHNIQUES
9711	RESEARCH IN COMBUSTION DYNAMICS
9749	RESEARCH IN MATHEMATICAL SCIENCES
9750	RESEARCH IN PROPULSIVE ENERGY SOURCES
9751	RESEARCH IN ENERGY RELEASE PROCESSES
9752	ENERGY CONVERSION FUNDAMENTALS
9760	RESEARCH IN PROPERTIES OF MATTER
9761	RESEARCH IN SURFACE PHENOMENA
9762	RESEARCH IN SYNTHESIS OF MATERIALS
9763	NEW MATERIALS RESEARCH TECHNIQUES
9764	RESEARCH HIGH MAGNETIC FIELDS
9767	RESEARCH IN STATIC AND DYNAMIC CHARGES
9768	RESEARCH IN ELECTROMAGNETIC SCIENCES
9769	RESEARCH IN INFORMATION SCIENCES
9774	ENVIRONMENTAL RESEARCH
9777	RESEARCH IN AVIATION BIOLOGY
9778	RESEARCH IN BEHAVIORAL SCIENCES
9779	RESEARCH ON INTERCULTURAL PERSUASION, MOTIVATION AND COMMUNICATION
9781	DYNAMICS OF FLOW FIELDS
9782	RESEARCH IN SOLID MECHANICS
9783	RAREFIED GAS AND PLASMA DYNAMICS

TABLE OF CONTENTS

FOREWORD iii

INTRODUCTION v

TITLES OF PROJECTS vii

I BIBLIOGRAPHY (white) 1

A. Office of Aerospace Research (OAR) 1
B. Office of Research Analyses (ORA) 1
C. Frank J. Seiler Research Laboratory (SRL) 1
D. Aerospace Research Laboratories (ARL) 3
E. Air Force Cambridge Research Laboratories (AFCRL) . . 5
F. Air Force Office of Scientific Research (AFOSR) . . . 15

II CORPORATE-AUTHOR INDEX (salmon) 35

III AUTHOR INDEX (blue) 41

IV INSTRUMENT-NUMBER INDEX (buff) 47

V PROJECT/TASK-NUMBER INDEX (pink) 51

VI KWIC (Keyword-in-Context) INDEX (yellow) 55

I BIBLIOGRAPHY

A. Office of Aerospace Research (OAR)

OAR 64 0004
AF OAR OFFICE OF AEROSPACE RESEARCH WASHINGTON D C
PROCEEDINGS OF THE USAF SCIENTIFIC AND TECHNICAL LIBRARIES
CONFERENCE, 19-21 MAY 1964
DDC NUMBER 443600

OAR 64 0010
AF OAR OFFICE OF AEROSPACE RESEARCH WASHINGTON D C
THE AIR FORCE-OAR CONTRIBUTION TO PROGRAMMED INSTRUCTION,
AUG 1964
BY MARTORANA S V

B. Office of Research Analyses (ORA)

ORA 64 0001
AF OAR OFFICE OF RESEARCH ANALYSES HOLLOMAN AFB N MEX
DEFENSE OF CITIES AGAINST BALLISTIC MISSILE ATTACK,VOL.I,
SUMMARY,VOL IIB, APPENDICES, EFFECTIVENESS ANALYSIS,
19 APR 64
BY CLARKE R W
PROJ/TASK 9101 19

C. Frank J. Seiler Research Laboratory (SRL)

SRL 64 0003
AF OAR FRANK J SEILER RESEARCH LAB USAF ACADEMY COLO
MINIMUM FUEL TRAJECTORIES WITH SOFT LANDINGS, 30 MAY 1964
BY MANCI D J JR
PROJ/TASK 7904 01

SRL 64 0004
AF OAR FRANK J SEILER RESEARCH LAB USAF ACADEMY COLO
PYROLYSIS OF FLUORINATED ORGANIC COMPOUNDS, I, THE
PYROLYSIS OF 1,2-DIBROMO-1-CHLORO-1,2,2-TRIFLUOROETHANE
AND SOME RELATED HALOGENATED ETHANE DERIVATIVES, JULY 196
BULL CHEM SOC JAPAN V37 N7 PP96 -980 1964
BY PARK J D
LAMB R W
LACHER J R
PROJ/TASK 7903 01

BLANK PAGE

D. Aerospace Research Laboratories (ARL)

ARL 64 0111
YALE U NEW HAVEN CONN
INTERACTION OF FAST CHARGED PARTICLES WITH A PLASMA, JUL 1964
BY ALTSCHULER M D
DDC NUMBER 601658
INSTRUMENT AF 33<657>07271
PROJ/TASK 7073 01

ARL 64 0112
PURDUE U LAFAYETTE IND
INVESTIGATION OF ENERGY TRANSFER IN A TUBE ARC HEATER, JUL 1964
BY SKIFSTAD J G
INSTRUMENT AF 33<657>10933
PROJ/TASK 7063 03

ARL 64 0113
CINCINNATI U OHIO
SIMILARITY RULES OF THE FLOW OF A PERFECTLY CONDUCTING GAS WITH AN ALIGNED MAGNETIC FIELD, JUL 1964
BY HIDA K
DDC NUMBER 603621
INSTRUMENT AF 33<616>08453
PROJ/TASK 7064

ARL 64 0114
NOTTINGHAM U ENGLAND
A NEW METHOD FOR STUDYING SELF-DIFFUSION IN LIQUIDS. SELF-DIFFUSION IN LIQUID MERCURY, 1 MAR 1964
BY BROWN D S
TUCK D G
DDC NUMBER 601037
INSTRUMENT AF-EOAR-62-53
PROJ/TASK 7023 02

ARL 64 0115
MARTIN MARIETTA CORP DENVER COLO
PRODUCTS AND QUOTIENTS OF RANDOM VARIABLES AND THEIR APPLICATIONS, JUL 1964
BY DONAHUE J D
DDC NUMBER 603667
INSTRUMENT AF 33<615>01023
PROJ/TASK 7071 01

ARL 64 0116
MARQUARDT CORP VAN NUYS CALIF
RESEARCH INVESTIGATION OF TWO-COMPONENT HEAT TRANSFER, JUL 1964
BY ACRIVOS A
AHERN J E
NAGY A R JR
INSTRUMENT AF 33<657>10930
PROJ/TASK 7063 01

ARL 64 0117
ISRAEL INST OF TECH HAIFA
LAMINAR HEAT TRANSFER TO A TWO-DIMENSIONAL BACKWARD FACING STEP FROM THE HIGH-ENTHALPHY SUPERSONIC FLOW IN THE SHOCK TUBE, FEB 1964
AIAA J V2 N2
BY ROM J
SEGINER A
DDC NUMBER 442283
INSTRUMENT AF 61<052>00576
PROJ/TASK 7063 01

ARL 64 0118
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
LIFETIME OF EXCITED STATES IN SOLUTION BY THE QUENCHING METHOD, 15 FEB 1964
J CHEM PHYS V40 N4 PP923-925
BY DUBOIS J T
VAN HEMERT R L
DDC NUMBER 442284
PROJ/TASK 7023 06

ARL 64 0119
CINCINNATI U OHIO
REFERENCE TEMPERATURE METHOD FOR COMPUTING DISPLACEMENT THICKNESS, AUG 1964
BY SAARLAS M
DDC NUMBER 603585
INSTRUMENT AF 33<616>08453
PROJ/TASK 7064

ARL 64 0120
ROME U ITALY
ELASTOSTATICS PROBLEMS WITH UNILATERAL CONSTRAINTS. THE SIGNORINI PROBLEM WITH AMBIGUOUS BOUNDARY CONDITIONS, 30 APR 1964
BY FICHERA G
INSTRUMENT AF-EOAR-63-91
PROJ/TASK 7071 02

ARL 64 0121
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
SIMULTANEOUS QUENCHING OF MOLECULAR FLUORESCENCE BY OXYGEN AND BIACETYL IN SOLUTION, 1963
TRANS FARADAY SOC 59 2813
BY STEVENS B
DUBOIS J T
DDC NUMBER 442282
PROJ/TASK 7023 06

ARL 64 0122
SYSTEMS RESEARCH LABS INC DAYTON OHIO
THE ELECTRICAL BEHAVIOR OF REFRACTORY OXIDES II, AUG 1964
BY VEST R W
CRAWFORD J A
TRIPP W C
INSTRUMENT AF 33<657>10815
PROJ/TASK 7022 02

ARL 64 0123
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
MORE TABLES OF THE INCOMPLETE GAMMA-FUNCTION RATIO AND OF PERCENTAGE POINTS OF THE CHI-DISTRIBUTION, AUG 1964
BY HARTER L
PROJ/TASK 7071 01

ARL 64 0124
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
MULTIPLE CAMPARISON TESTS IN MULTIVARIATE CASE, AUG 1964
BY KRISHNAIAH P R
PROJ/TASK 7071 01

ARL 64 0125
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
SENSITIVITY ANALYSIS FOR THE CALORIMETRIC PROBE, AUG 1963
REV SCI INSTR V34 N8 PP857-859
BY GREY J
DDC NUMBER 447285
INSTRUMENT AF 33<657>09962
PROJ/TASK 7063 03

ARL 64 0126
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
ENERGY-TRANSFER STUDIES BY SPECTROPHOTOFLUOROMETRIC METHOD, 15 JUL 1963
J CHEM PHYS V39 N2 PP377-383
BY WILKINSON F
DUBOIS J T
DDC NUMBER 447288
PROJ/TASK 7023 06

ARL 64 0127
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
INFRARED SPECTRA OF METAL CHELATE COMPOUNDS OF HEXAFLUOROACETYLACETONE, 1963
INORG CHEM 2 411
BY MORRIS M L
MOSHIER R W
SIEVERS R E
DDC NUMBER 447287
PROJ/TASK 7023 02

ARL 64 0128
PENNSYLVANIA STATE U UNIVERSITY PARK
PROTON AFFINITIES OF SOME FIRST ROW HYDRIDES FROM ONE-CENTRE SINGLE-DETERMINANT CALCULATIONS, 1957-63
TRANS FARADAY SOC 58
BY LAMPE F W
FUTRELL J H
DDC NUMBER 447286
INSTRUMENT AF 33<616>07716
PROJ/TASK 7023 03

ARL 64 0129
BATTELLE MEMORIAL INST COLUMBUS OHIO
STOPPING BY ELASTIC COLLISIONS OF PARTICLES FROM A UNIDIRECTIONAL PLANE SOURCE, AUG 1964
BY BARODY E M
INSTRUMENT AF 33<657>08853
PROJ/TASK 7885 01

ARL 64 0130
TORONTO U ONTARIO CANADA
AN EXPERIMENTAL INVESTIGATION OF SPHERICAL COMBUSTION FOR THE UTIAS IMPLOSION DRIVEN LAUNCHER, AUG 1964
BY BENOIT A
INSTRUMENT AF 33<657>07874
PROJ/TASK 7065 01

ARL 64 0131
MATERIALS RESEARCH CORP ORANGEBURG N Y
THE RECRYSTALLIZATION KINETICS OF HIGH PURITY IRON, AUG 1964
BY HUGHES E J
BARTON P W
JOHNSON A A
ABOWITZ G
INSTRUMENT AF 33<657>09852
PROJ/TASK 7021 01

ARL 64 0132
PRINCETON U N J
ANALYTICAL-EXPERIMENTAL CORRELATION OF RADIATION LOSS FROM AN ARGON ARCJET, AUG 1964
BY SHERMAN M P
JACOBS P
GREY J
INSTRUMENT AF 33<657>09962
PROJ/TASK 7063 03

ARL 64 0133
AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO
GRAIN-BOUNDARY MIGRATION IN LIF BICRYSTALS, APR 1964
J AM CERAM SOC V47 N4
BY DAVIS M P
TALLAN N M
DDC NUMBER 446871
PROJ/TASK 7021 02

ARL 64 0134
UPPSALA U SWEDEN
EVOLUTION OF MOLECULAR SYSTEMS AND THE SEPARATION OF ELECTRONIC AND NUCLEAR MOTIONS, 15 MAR 1964
BY MICHA O
LOWDIN O
DDC NUMBER 602208
INSTRUMENT AF 61<052>00701
PROJ/TASK 7112 02

ARL 64 0135
GENERAL ELECTRIC CO SCHENECTADY N Y
DEFORMATION MECHANISMS IN REFRACTORY AND OTHER MATERIALS, AUG 1964
BY JOHNSTON W G
NADEAU J S
INSTRUMENT AF 33<616>07942
PROJ/TASK 7021 05

ARL 64 0136
OHIO STATE U COLUMBUS
EXPLORATORY INVESTIGATION OF LAMINAR BOUNDARY LAYER HEAT TRANSFER CHARACTERISTICS OF GAS LIQUID-SPRAY SYSTEMS, SEP 1964
BY TIFFORD A N
INSTRUMENT AF 33<616>08121
PROJ/TASK 7063 01

ARL 64 0137
STANFORD U CALIF
THE RESONANCE PROBE - A TOOL FOR IONOSPHERIC AND SPACE RESEARCH, SEP 1964
BY CRAWFORD F W
HARP R S
INSTRUMENT AF 33<616>08121
PROJ/TASK 7073 03

ARL 64 0138
STANFORD U CALIF
A STUDY OF THE PLASMA BOUNDARY, SEP 1964
BY HARP R S
INSTRUMENT AF 33<616>08121
PROJ/TASK 7073 03

ARL 64 0139
STANFORD U CALIF
CHARACTERISTICS OF THE PLASMA RESONANCE PROBE, SEP 1964
BY HARP R S
CRAWFORD F W
INSTRUMENT AF 33<616>08121
PROJ/TASK 7073 03

ARL 64 0140
ISRAEL INST OF TECH HAIFA
ON THE COLLECTIVE DESCRIPTION OF CLASSICAL PLASMAS APR 1964
BY KALMAN G
INSTRUMENT AF 61<052>00613
PROJ/TASK 7073 03

ARL 64 0141
BARCELONA U SPAIN
A STUDY OF THE SYNTHESIS AND PROPERTIES OF ALKAROMATIC CHLOROCARBONS, SEP 1964
BY BALLESTER M
INSTRUMENT AF 61<052>00141
PROJ/TASK 7023 01

ARL 64 0142
HARSHAW CHEMICAL CO CLEVELAND OHIO
RESEARCH ON PHOTOVOLTAIC CELLS, SEP 1964
BY HEYERDAHL N E
HARVEY D J
BELT R F
INSTRUMENT AF 33<657>07916
PROJ/TASK 7885 02

ARL 64 0143
OHIO STATE U COLUMBUS
SHOCK TUBE DECOMPOSITION OF NITROUS OXIDE, SEP 1964
BY FISHBURNE E S
BERGBAURER D M
EDSE R
INSTRUMENT AF 33<657>08951
PROJ/TASK 7065 01

ARL 64 0144
CALIFORNIA INST OF TECH PASADENA
MULTIAXIAL FAILURE OF VISCOELASTIC MATERIALS, SEP 1964
BY ZAK A R
INSTRUMENT AF 33<616>08399
PROJ/TASK 7063 02

ARL 64 0145
GENERAL ELECTRIC CO SCHENECTADY N Y
RESEARCH ON CADMIUM TELLURIDE, SEP 1964
BY HALSTED R E
MARPLE D T F
SEGALL B
INSTRUMENT AF 33<616>08264
PROJ/TASK 7885 03

ARL 64 0146
NORTHROP CORP HAWTHORNE CALIF
NUMERICAL ANALYSIS OF INVISCID AND VISCOUS FLOW FIELD IN SUPERSONIC CASCADE, SEP 1964
BY DER J JR
MULLINGS B N
INSTRUMENT AF 33<657>08851
PROJ/TASK 7065 01

ARL 64 0147
ROME U ITALY
ON THE SINGULAR INTEGRALS CONNECTED WITH THE PROBLEM OF THE OBLIQUE DERIVATIVE, 20 MAR 1964
BY DE VITO L
INSTRUMENT AF-EOAR-63-91
PROJ/TASK 7071 02

ARL 64 0148
GENERAL ELECTRIC CO PHILADELPHIA PA
ELECTRIC ARCS IN TURBULENT FLOWS, SEP 1964
BY FRIND G
INSTRUMENT AF 33<657>08206
PROJ/TASK 7063 03

ARL 64 0149
MINNESOTA U MINNEAPOLIS
THERMODYNAMIC PROPERTIES OF CARBON-NITROGEN MIXTURES AT HIGH TEMPERATURES, SEP 1964
BY SHIH K T
IBELE W E
WINTER E R F
ECKERT E R G
INSTRUMENT AF 33<657>07380
PROJ/TASK 7063 02

ARL 64 0150
MICHIGAN U ANN ARBOR MICH
THE BEHAVIOR OF DYNAMIC ELECTRIC ARCS, OCT 1964
BY PHILLIPS R L
INSTRUMENT AF 33<615>01326
PROJ/TASK 7065 01

ARL 64 0151
BROWN U PROVIDENCE R I
RADIATION EFFECTS IN SEMICONDUCTORS, SEP 1964
BY LOFERSKI J J
INSTRUMENT AF 33<657>08974
PROJ/TASK 7885 01

ARL 64 0152
GENERAL ELECTRIC CO PHILADELPHIA PA
VOLTAGE DISTRIBUTION, IONIZATION, AND ENERGY BALANCE IN THE CATHODE, SEP 1964
BY LEE T H
GREENWOOD A
BREINGAN W D
FULLERTON H P
INSTRUMENT AF 33<657>08206
PROJ/TASK 7063 03

ARL 64 0153
AF OAR AEROSPACE RESEARCH LABS GENERAL PHYSICS LAB
WRIGHT-PATTERSON AFB OHIO
THEORY OF SOLID NEON AT 0 DEGREES K, 1 JUN 1964
PHYS REV V134 N5A A1249-A1254
BY MULLIN W J
DDC NUMBER 447451
PROJ/TASK 7112 03

ARL 64 0154
AF OAR AEROSPACE RESEARCH LABS CHEMISTRY RESEARCH LAB
WRIGHT-PATTERSON AFB OHIO
ANOMALOUS ANTISTOKES FLUORESCENCE OF ANILENE, JUL 1964
TRANS FARADAY SOC V60 N499 PART 7
BY LAPAGLIA S R
DDC NUMBER 447293
PROJ/TASK 7023 06

ARL 64 0155
AF OAR AEROSPACE RESEARCH LABS
THERMOMECHANICS RESEARCH LAB WRIGHT-PATTERSON AFB OHIO
NATURAL CONVECTION FROM WALL SECTIONS OF ARBITRARY TEMPERATURE DISTRIBUTION BY AN INTEGRAL METHOD, 1964
INTERN J HEAT MASS TRANSFER V7 PP501-516
BY SCHERBERG M G
DDC NUMBER 446869
PROJ/TASK 7063 01

ARL 64 0156
AF OAR AEROSPACE RESEARCH LABS HYPERSONICS RESEARCH LAB
WRIGHT-PATTERSON AFB OHIO
A NOTE ON CERTAIN INTEGRALS, MAR 1964
J MATH PHYS VXLIII N1
BY NAGARAJA K S
DDC NUMBER 446870
PROJ/TASK 7064

ARL 64 0157
AF OAR AEROSPACE RESEARCH LABS GENERAL PHYSICS LAB
WRIGHT-PATTERSON AFB OHIO
ABSOLUTE OSCILLATOR STRENGTHS FOR CADMIUM IODIDE LAMBDA 3261 AND SILVER IODIDE LAMBDA-LAMBDA 3281 AND 3383, 1964
MONTHLY NOTICES ROY ASTRON SOC V127 N5 PP359-366
BY BIENIEWSKI T
DDC NUMBER 447291
PROJ/TASK 7112 02

ARL 64 0158
AF OAR AEROSPACE RESEARCH LABS METALLURGY AND CERAMICS RESEARCH LAB WRIGHT-PATTERSON AFB OHIO
THE FORMATION OF PASSIVATING INTERNAL INDIUM SESQUIOXIDE BANDS IN SILVER-INDIUM ALLOYS, MAY 1964
ACTA MET V12
BY RAPP R A
FRANK D F
ARMITAGE J V
DDC NUMBER 447292
PROJ/TASK 7021 05

ARL 64 0159
AF OAR AEROSPACE RESEARCH LABS CHIEF SCIENTIST OFFICE
A BRIEF SYNOPSIS OF IN-HOUSE RESEARCH, SEP 1964
DDC NUMBER 604007

E. Air Force Cambridge Research Laboratories (AFCRL)

AFCRL 63 0371
AIR TECHNOLOGY CORP CAMBRIDGE MASS
STUDY OF DIRECTIVE VLF WAVE ANTENNAS FOR RECEPTION OF TRANSPOLAR SFERICS FROM THE CONTINENTAL UNITED STATES 30 AUGUST 1963
BY CLAPP R E — DDC NUMBER 448341
MAXWELL J C — INSTRUMENT AF 19<628>01697
COLBURN C H — PROJ/TASK 4662 05

AFCRL 63 0679
HAMBURGER-STERNWARTE HAMBURG WEST GERMANY
LIQUID-DYE FILTERS WITH NARROW PASS-BANDS - PART 1. RANGE 3000 TO 4500 AU. 1 APR 1963
BY WURM K
INSTRUMENT AF 61<052>00259
PROJ/TASK 8635 01

AFCRL 63 0730
HAMBURGER-STERNWARTE HAMBURG WEST GERMANY
SPECTROPHOTOMETRY OF GALACTIC NEBULAE ORION NEBULA II. 1 JUN 1963
BY WURM K
INSTRUMENT AF 61<052>00259
PROJ/TASK 8635 01

AFCRL 63 0765
GENERAL DYNAMICS CORP ASTRONAUTICS SAN DIEGO CALIF
RESEARCH DIRECTED TOWARD DEVELOPMENT OF A PROTOTYPE LUNAR TRANSPONDER <INCLUDING A FEASIBILITY STUDY ON THE CONFIGURATION OF FOUR EARTH-BASED TRACKING STATIONS. 15 SEP 1963
BY SHAW F W
INSTRUMENT AF 19<628>01609
PROJ/TASK 8654 03

AFCRL 63 0772
DARTMOUTH COLL HANOVER N H
STUDIES OF WHISTLERS AND AUDIO-FREQUENCY EMISSIONS. 19 AUG 1963
BY MORGAN M G
INSTRUMENT AF 19<604>03055
PROJ/TASK 8653 02

AFCRL 63 0863
TENNESSEE U KNOXVILLE
AN EXAMINATION OF THE FAR INFRARED SPECTRUM OF HYDROGEN FLUORIDE. AUG 1963
BY MASON A A
NIELSEN A H — INSTRUMENT AF 19<604>07981
PROJ/TASK 7670 02

AFCRL 63 0902
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB L G HANSCOM FIELD MASS
THE PROGRESS AND PRESENT STATUS OF SCIENCE IN INDIA. NOV 1963
BY SEN H K
PROJ/TASK 8647 01

AFCRL 64 0030
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS
OZONESONDE OBSERVATIONS OVER NORTH AMERICA - VOLUME 2 JULY 1964
BY HERING W S
BORDEN T R JR
PROJ/TASK 8631 02

AFCRL 64 0071
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
AN ADAPTIVE FILTER FOR THE DESIGN OF IONOSPHERIC DISTURBANCE DETECTORS <U> - FEBRUARY 1964
BY SMALLWOOD R D
PROJ/TASK 4691 03

AFCRL 64 0072
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
FERRIMAGNETIC RESONANCE RELATIONS FOR MAGNETOCRYSTALLINE ANISOTROPIC CUBIC CRYSTALS. APR 1964
BY ZAPP H R
PROJ/TASK 5621 04

AFCRL 64 0106
CHICAGO U ILL
PHOTOIONIZATION STUDIES USING A MASS SPECTROMETER JAN 1964
BY INGHRAM M G
INSTRUMENT AF 19<604>08011
PROJ/TASK 7635 03

AFCRL 64 0137
SYLVANIA ELECTRIC PRODUCTS INC WALTHAM MASS
RESEARCH IN NONLINEAR CODES. MAR 1964
BY TURYN R
INSTRUMENT AF 19<628>02479
PROJ/TASK 5628 01

AFCRL 64 0138
MICHIGAN U ANN ARBOR MICH
STUDIES IN RADAR CROSS SECTIONS XLIX DIFFRACTION AND SCATTERING BY REGULAR BODIES III. THE PROLATE SPHEROID. FEB 1964
BY SLEATOR F B
INSTRUMENT AF 19<604>06655
PROJ/TASK 5635 02

AFCRL 64 0147
IOWA STATE U IOWA CITY
FAST RESPONSE INSTRUMENTATION FOR THE MEASUREMENT OF TURBULENT FLUXES IN THE LOWER ATMOSPHERE AND A FILM READER SYSTEM AND ANALOG STATISTICAL ANALYZER 1 FEBRUARY 1964
BY STEWART R M JR
POST R E — INSTRUMENT AF 19<604>05457
PROJ/TASK 7655 02
TRACEY J H — PROJ/TASK 8604 01
JOHNSON R W
EDWARDS J R

AFCRL 64 0152
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB L G HANSCOM FIELD MASS
INTELLIGIBILITY OF EXCERPTS FROM FLUENT SPEECH EFFECTS OF RATE OF UTTERANCE AND DURATION OF EXCERPT MARCH 1964
BY PICKETT J M
POLLACK I
PROJ/TASK 5628 02

AFCRL 64 0157
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
RADIATION PATTERN OF SURFACE WAVES FROM POINT SOURCES IN A MULTILAYERED MEDIUM. MAR 1964
BULL SEISMOLOGICAL SOC AM V54 N1 PP377-393 FEB 1964
BY HASKELL N A
PROJ/TASK 8652 03

AFCRL 64 0169
AF OAR AIR FORCE CAMBRIDGE RESEA/CH LABS
OPTICAL PHYSICS LAB L G HANSCOM FIELD MASS
CELESTIAL BACKGROUND RADIATION I. A REVISED SCALE OF BOLOMETRIC CORRECTIONS. MAR 1964
BY WALKER R G
PROJ/TASK 7670 06

AFCRL 64 0171
RAYTHEON CO WALTHAM MASS
INVESTIGATION OF TRAVELLING WAVES IN THE IONOSPHERE AND THEIR EFFECTS. DEC 1963
BY HOLWAY L H
KAHN D — INSTRUMENT AF 19<628>02802
ROLFE E — PROJ/TASK 4649 01

AFCRL 64 0172
SPACE SYSTEMS LAB INC MELBOURNE FLA
REAL TIME AND DAYLIGHT GEODETIC STELLAR CAMERAS STUDY. 6 MAR 1964
BY KOHN H T
INSTRUMENT AF 19<628>02990
PROJ/TASK 7600 06

AFCRL 64 0177
RENSSELAER POLYTECHNIC INST TROY N Y
WATER WELLS IN EARTHQUAKE AND EXPLOSION DETECTION 26 JUN 1964
BY CARRAGAN W
MICHALKO F — INSTRUMENT AF 19<604>08376
KATZ S — PROJ/TASK 8652 04

AFCRL 64 0196
GENERAL ELECTRIC CO SANTA BARBARA CALIF
ANNUAL REPORT. INVESTIGATION OF EFFECTS OF NUCLEAR DETONATIONS ON PROPAGATION OF ELECTROMAGNETIC WAVES.
VOL I - FIREBALL AND GAMMA RAY BLACKOUT. 31 MAR 1964
VOL II - THE NUCLEAR BURST AS A PENETRATION AID.
VOL III - WEAPONS PHENOMENOLOGY CODE <WEPH II>.
31 MAR 1964
BY HAUSZ W
SMITH R — INSTRUMENT AF 19<628>00207
LUEHR C
ROGUSCH R

AFCRL 64 0204
LOCKHEED AIRCRAFT CORP SUNNYVALE CALIF
SUB ELF GEOMAGNETIC FLUCTUATIONS - VOLUME III - OBSERVATIONS OF TRANSIENT AND BACKGROUND VLF. ELF AND SUB ELF ELECTROMAGNETIC EFFECTS PRODUCED BY HIGH ALTITUDE NUCLEAR DETONATIONS - 26 DECEMBER 1963
BY TEPLEY L
WENTWORTH R C — INSTRUMENT AF 19<628>00462
LAMBERT K G — PROJ/TASK 8653
PRENTISS H V
AMUNDSEN K D
HILLENDAHL D R

AFCRL 64 0240
GENERAL DYNAMICS CORP ASTRONAUTICS SAN DIEGO CALIF
RESEARCH DIRECTED TOWARD THE INVESTIGATION OF SUITABILITY OF THE GLOTRAC TYPE G TRANSPONDER FOR USE IN THE RANGE CALIBRATION SATELLITE - 1 JULY 1964
BY LINDKVIST F C
BRAUN R — INSTRUMENT AF 19<628>03274
PROJ/TASK 5930 04

AFCRL 64 0243
NATIONAL CO INC MALDEN MASS
INVESTIGATION OF MULTIPLE SPIN FLIP PROCESSES TO PRODUCE TRANSITIONS AND INVERSIONS AT ARBITRARY FREQUENCIES. 16 MAR 1964
BY MYERS G W
INSTRUMENT AF 19<628>00456
PROJ/TASK 4645 01

AFCRL 64 0248
INST FOR METEOROLOGIE TECH HOCHSCULE DARMSTADT WEST GERMAN
ON THE TWO-DIMENSIONAL SPECTRAL ANALYSIS OF KINETIC ENERGY OVER A CIRCUMPOLAR AREA OF A SPHERE, 31 DEC 1963
BY MESINGER F
INSTRUMENT AF 61<052>00366
PROJ/TASK 8604 03

AFCRL 64 0253
WASHINGTON U SEATTLE
THINNING AND BROADBANDING ANTENNA ARRAYS BY UNEQUAL SPACINGS, MAR 1964
BY ISHIMARU A
CHEN Y S
INSTRUMENT AF 19<628>02763
PROJ/TASK 5635 02

AFCRL 64 0257
OHIO STATE U COLUMBUS
THE DESIGN AND CONSTRUCTION OF A LUMINOUS SHOCK TUBE FOR SPECTROSCOPIC INVESTIGATIONS OF HIGH-TEMPERATURE GASES, JAN 1964
BY BYARD P L
ROLL R E
SLETTEBAK A
INSTRUMENT AF 19<604>04055
PROJ/TASK 8635 03

AFCRL 64 0258
HARVARD U FORT DAVIS TEXAS
OBSERVATIONS OF THE OCCULTATION OF THE CRAB NEBULA BY THE SOLAR CORONA AT A WAVELENGTH OF 6 CM, JUN 1964
ASTROPHYS J V139 N1 JAN 1964
BY HUGHES M P
DOWNES D
MURRAY C
DDC NUMBER 443581
INSTRUMENT AF 19<628>02370
PROJ/TASK 7649 04

AFCRL 64 0262
ROYAL INST OF TECH STOCKHOLM SWEDEN
QUARTERLY PROGRESS AND STATUS REPORT, 15 JAN 1964
BY FANT C G
INSTRUMENT AF EOAR 63-55
PROJ/TASK 4610 02

AFCRL 64 0265
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
MICROWAVE MAGNETOELASTIC MEASUREMENTS BY PARALLEL PUMPING, APR 1964
BY OLSON F A
PROJ/TASK 4600 03

AFCRL 64 0282
MASSACHUSETTS INST OF TECH CAMBRIDGE
WIND TUNNEL STUDIES OF ANTENNA BREAKDOWN, PART I, MAR 1964
BY COVERT F F
COFFIN J P
INSTRUMENT AF 19<628>02434
PROJ/TASK 4642 02

AFCRL 64 0289
NEW YORK U NEW YORK
DESIGN OF BANDLIMITED SIGNALS FOR BINARY COMMUNICATION USING SIMPLE CORRELATION DETECTION, FEB 1964
BY SALTZBERG B R
KURZ L
INSTRUMENT AF 19<604>06168
PROJ/TASK 4610 03

AFCRL 64 0292
RADIO CORP OF AMERICA MOORESTOWN NJ
TRANSVERSE FOCAL REGION OF A SPHERICAL REFLECTOR, PART I, MAR 1964
BY SPENCER R C
HYDE G
INSTRUMENT AF 19<628>02758
PROJ/TASK 4600 07

AFCRL 64 0297
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G-HANSCOM FIELD MASS
DIURNAL VARIATION OF THE ATMOSPHERE AROUND 190 KILOMETERS DERIVED FROM SOLAR EXTREME ULTRAVIOLET ABSORPTION MEASUREMENTS - APRIL 1964
J GEOPHYS RES V68 N24 PP6413-6417 15 DEC 1963
BY HALL L A
SCHWEIZER W
HINTEREGGER H E
DDC NUMBER 446732
PROJ/TASK 6688 06

AFCRL 64 0298
BRANDEIS U WALTHAM MASS
PHOTOIONIZATION, ELECTRON-TRAPPING AND PHOTOCONDUCTION IN GLASSES, 2 APR 1964
BY LINSCHITZ H
HEBERT R A
INSTRUMENT AF 19<604>04536
PROJ/TASK 5620 06

AFCRL 64 0322
REPUBLIC AVIATION CORP FARMINGDALE N Y
INITIAL PHASE OF A BASIC SYSTEM STUDY FOR VECTOR MAGNETIC FIELD MEASUREMENTS FROM A JAVELIN ROCKET NOSE CONE, 1 DEC 1962-31 DEC 1963
BY MINNEMAN M J
GRUMET A
DDC NUMBER 442426
INSTRUMENT AF 19<628>02372
PROJ/TASK 7601 03

AFCRL 64 0324
PENNSYLVANIA STATE U UNIVERSITY PARK
RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY, 15 MAR 1964
BY MCCUBBIN T K
INSTRUMENT AF 19<604>05458
PROJ/TASK 8603 01

AFCRL 64 0326
BENDIX CORP BALTIMORE MD
DEVELOPMENT OF THE AN/AMQ-21 MULTICHANNEL RADIOSONDE, JUN 1964
BY ASHFORD S L
GLEISNER W P
INSTRUMENT AF 19<628>02834
PROJ/TASK 6682 01

AFCRL 64 0327
HAWAII U HONOLULU
THE UTILIZATION OF TIROS PICTURES OF SOME SELECTED STUDIES OF TROPICAL METEOROLOGY, APR 1964
BY TAYLOR R C
INSTRUMENT AF 19<604>06156
PROJ/TASK 6698 02

AFCRL 64 0328
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
STUDY OF CESIUM ON REFRACTORY METALS USING FIELD EMISSION MICROSCOPY, APR 1964
BY GUMNICK J L
DALY G J
HILDUM J S
DDC NUMBER 603902
INSTRUMENT AF 19<628>02831
PROJ/TASK 8659 02

AFCRL 64 0333
LITTON SYSTEMS INC MINNEAPOLIS MINN
500-KC ELECTROMAGNETIC NOISE PULSE MEASUREMENTS OF SELECTED VERTICALLY CONVECTING CLOUD DEVELOPMENT 28 FEBRUARY 1964
BY KOHL D A
INSTRUMENT AF 19<628>02781
PROJ/TASK 8620 01

AFCRL 64 0337
UTAH STATE U LOGAN
ONBOARD ANGLE OF ATTACK MEASUREMENT BY OPTICAL MEANS, 1 MAY 1964
BY LAMBERT R H
DDC NUMBER 352363
INSTRUMENT AF 19<628>03241
PROJ/TASK 6327

AFCRL 64 0338
PHYSICAL STUDIES INC KETTERING OHIO
INELASTIC, DISSOCIATIVE AND CHARGE EXCHANGE SCATTERING OF PROTONS BY NITROGEN, 10 MAY 1964
BY BREENE R G JR
INSTRUMENT AF 19<628>02925
PROJ/TASK 7674

AFCRL 64 0339
HARVARD U CAMBRIDGE MASS
THE CIRCULAR LOOP ANTENNA IMMERSED IN A DISSIPATIVE MEDIUM, 3 APR 1964
BY IIZUKA K
INSTRUMENT AF 19<604>07262
PROJ/TASK 7661 05

AFCRL 64 0341
CALIFORNIA U BERKELEY
A STUDY OF FUNDAMENTAL FACTORS PERTINENT TO MICROBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS 31 MARCH 1964
BY GOLUEKE C G
OSWALD W J
GEE H K
INSTRUMENT AF 19<628>02462
PROJ/TASK 6694 04

AFCRL 64 0344
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
DOLPH-TCHEBYSCHEFF ARRAYS OF MANY ELEMENTS AND ARBITRARY, UNIFORM SPACING - JUNE 1964
BY DRANE C J JR
DDC NUMBER 605810
PROJ/TASK 4600 06

AFCRL 64 0345
NEW YORK U NEW YORK
ON THE INTRINSIC SHORT-CIRCUIT CURRENT GAIN OF DIFFUSED BASE TRANSISTORS, 14 APR 1964
BY KELLEY J J
GHAUSI M S
INSTRUMENT AF 19<628>00379
PROJ/TASK 5628 06

AFCRL 64 0349
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
RYDBERG ABSORPTION SERIES OF N2 - MAY 1964
CAN J PHYS V40 1962
BY OGAWA M
TANAKA Y
PROJ/TASK 8627 01

AFCRL 64 0353
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
AURORAL ZONE IONOSPHERIC RESEARCH, 20 MAR 1964
BY LISZKA L
EGELAND A
INSTRUMENT AF 61<052>00678
PROJ/TASK 4643 02

AFCRL 64 0355
CENTRO DI STUDIO PER LA FISICA MICROONDE
FLORENCE ITALY
LASER CAVITIES TERMINATED BY DIFFRACTION GRATINGS, MAR 1964
BY RONCHI L
SCHEGGI A M
INSTRUMENT AF 61<052>00536
PROJ/TASK 4600 07
PROJ/TASK 4610 07

AFCRL 64 0357
HARVARD COLL OBSERVATORY CAMBRIDGE MASS
INVESTIGATION OF THE OUTER IONOSPHERE BY OBSERVATIONS OF EXTRATERRESTRIAL LOW-FREQUENCY NOISE IN SPACE VEHICLES, MAR 1964
BY HUGUENIN G R
INSTRUMENT AF 19<604>06120
PROJ/TASK 8605 04

AFCRL 64 0358
LAB NATIONAL D-ESSAIS PARIS FRANCE
THEORETICAL AND EXPERIMENTAL STUDIES OF MOLECULAR SPECTRA, 6 FEB 1964
BY AMAT G
BAILLY M
INSTRUMENT AF 61<052>00369
PROJ/TASK 8603 03

AFCRL 64 0359
MOLECULON RESEARCH CORP CAMBRIDGE MASS
SYNTHESIS AND ELECTRICAL PROPERTIES OF BENZIMIDAZOLES AND HETEROCYCLIC QUINONOID COMPOUNDS, 30 APR 1964
BY ORERMAYER A S — DDC NUMBER 603276
NICHOLS L D — INSTRUMENT AF 19<628>02940
PANAR M — PROJ/TASK 6694 05
HANNAUER C E
TFICH A H
TURRANSKY P

AFCRL 64 0361
KAISER FOUNDATION RESEARCH INST RICHMOND CALIF
STUDY OF PIGMENT SYSTEMS OF PHOTOSYNTHETIC ORGANISMS, 28 APR 1964
BY ALLEN M B
INSTRUMENT AF 19<604>06636
PROJ/TASK 6694 04

AFCRL 64 0363
AMERICAN BOSCH ARMA CORP GARDEN CITY N Y
ON A STUDY OF SPECIFIC METHODS OF MEASURING LUNAR GRAVITY, APR 1964
BY LEVENSTEIN H
SAVET P H — INSTRUMENT AF 19<628>03855
STATEMAN M J — PROJ/TASK 7600 07
WESSBECHER F

AFCRL 64 0365
WASHINGTON STATE U PULLMAN
POLAR HIGH FREQUENCY RADIO PROPAGATION STUDY, 30 JUN 1964
BY CRAINE L B — DDC NUMBER 604248
SCHRADER D H — INSTRUMENT AF 19<628>02488
HADALLER H — PROJ/TASK 4603 04
FLATT W A

AFCRL 64 0366
CALIFORNIA U LOS ANGELES
OPTICAL STUDIES OF THE ATMOSPHERE, APR 1964
BY SEKERA Z
INSTRUMENT AF 19<604>08050
PROJ/TASK 7621 03

AFCRL 64 0367
LIEGE U BELGIUM
INFRARED SPECTRA OF ASTRONOMICAL BODIES, JUN 1963
INSTRUMENT AF 61<052>00685
PROJ/TASK 8603 02

AFCRL 64 0376
STANFORD RESEARCH INST MENLO PARK CALIF
INVESTIGATION OF PROPAGATION-LIMITED COMPUTER NETWORKS APR 1964
BY ELSPAS B — DDC NUMBER 603165
GOLDBERG J — INSTRUMENT AF 19<628>02902
MINNICK R C — PROJ/TASK 4641 01
SHORT R A
STONE H S

AFCRL 64 0378
BROWN U PROVIDENCE R I
EXCITATION OF NONLINEAR CURRENTS AND GENERATION OF HARMONIC WAVES IN AN ISOTROPIC PLASMA, JUN 1964
BY TANG T W
WETZEL L — INSTRUMENT AF 19<628>02498
PROJ/TASK 5635 02

AFCRL 64 0381
BROOKLYN POLYTECHNIC INST BROOKLYN NY
THE MAXIMALLY-FLAT DELAY FUNCTION OF LARGE ORDER, 27 JAN 1964
BY DEUTSCH S
INSTRUMENT AF 19<628>03815
PROJ/TASK 4610 07

AFCRL 64 0392
IONOSPHAEREN INST BREISACH WEST GERMANY
FIXED AND VARIABLE FREQUENCY PULSE TRANSMISSION AT OBLIQUE IONOSPHERIC INCIDENCE, 5 DEC 1963
BY BIBL K
INSTRUMENT AF 61<052>00129
PROJ/TASK 5631 03

AFCRL 64 0398
JOHNS HOPKINS U BALTIMORE MD
VACUUM ULTRAVIOLET GRATINGS, 30 APR 1964
BY BOTTEMA M
STRONG J — INSTRUMENT AF 19<604>06139
PROJ/TASK 6687 01
PROJ/TASK 6687 02
PROJ/TASK 6687 06

AFCRL 64 0400
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
OPTICAL PHYSICS LAB L G HANSCOM FIELD MASS
ALTITUDE VARIATION OF RAYLEIGH, AEROSOL, AND OZONE ATTENUATING COMPONENTS IN THE ULTRAVIOLET REGION MAY 1964
BY ELTERMAN L — DDC NUMBER 606112
PROJ/TASK 7670 03

AFCRL 64 0401
PENNSYLVANIA STATE U UNIVERSITY PARK
WIND AND TEMPERATURE PROFILES NEAR THE GROUND IN STABLE STRATIFICATION - 30 APRIL 1964
QUART J ROY METEOROL SOC V90 N384 PP136-146 APR 1964
BY MCVEHIL G E
INSTRUMENT AF 19<604>06641
PROJ/TASK 8604 01

AFCRL 64 0402
PENNSYLVANIA STATE U UNIVERSITY PARK
CHANGE OF TERRAIN ROUGHNESS AND THE WIND PROFILE 30 APRIL 1964
QUART J ROY METEOROL SOC V90 N384 PP147-155 APR 1964
BY PANOFSKY H A
TOWNSEND A A — INSTRUMENT AF 19<604>06641
PROJ/TASK 8604 01

AFCRL 64 0404
MASSACHUSETTS INST OF TECH CAMBRIDGE
FAST NEUTRON SPECTROSCOPY AND DOSIMETRY OF THE MIT REACTOR MEDICAL THERAPY FACILITY BEAM, MAY 1964
BY RYDIN R A
RASMUSSEN N C — INSTRUMENT AF 19<604>07492
BROWNELL G L — PROJ/TASK 5620 02

AFCRL 64 0406
NUCLEAR CORP OF AMERICA PHOENIX ARIZ
INVESTIGATION AND STUDY OF RARE-EARTH-DOPED SILICON, APR 1964
BY BELTZ C R
RUTHERFORD R R — INSTRUMENT AF 19<628>02412
CURTIS R L — PROJ/TASK 4608 04

AFCRL 64 0407
PHILCO CORP BLUE BELL PA
A FUNDAMENTAL STUDY OF EPITAXY BY FLASH EVAPORATION, 30 MAR 1964
BY RICHARDS J L
INSTRUMENT AF 19<628>02937
PROJ/TASK 4608 04

AFCRL 64 0408
DECO ELECTRONICS INC CAMBRIDGE MASS
INVESTIGATION OF IONOSPHERIC OBLIQUE SOUNDER DATA, 2 APR 1964
BY DAVIDSON D — DDC NUMBER 602407
GALLANT R M — INSTRUMENT AF 19<628>03267
PROJ/TASK 4603 09

AFCRL 64 0410
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GREENBELT MD
RESEARCH ON THE PRODUCTION AND PHYSICS OF SINGLE CRYSTAL EMITTERS, 20 APR 1964
BY COOMES R A
INSTRUMENT AF 19<604>08434
PROJ/TASK 6694 09

AFCRL 64 0411
APPLIED LOGIC CORP PRINCETON N J
AUTOMATED LOGIC FOR SEMI-AUTOMATED MATHEMATICS, 30 MAR 1964
BY GUARD J R
INSTRUMENT AF 19<628>03250
PROJ/TASK 5632 05

AFCRL 64 0413
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
SMALL SCALE WIND STRUCTURE ABOVE 100 KILOMETERS, MAY 1964
J GEOPHYS RES V69 N4 FEB 1964
BY ZIMMERMAN S P
PROJ/TASK 6690 03

AFCRL 64 0414
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
RESONANCE RADIATION OF AIO FROM TRIMETHYL ALUMINUM RELEASED INTO THE UPPER ATMOSPHERE - MAY 1964
J GEOPHYS RES V69 N7 PP1451-1454 1 APR 1964
BY ROSENBERG N W
GOLOMB D
ALLEN E F JR — PROJ/TASK 7635 03

AFCRL 64 0415
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIELD MASS
POSSIBILITY OF A 26- OR 27-MONTH PERIODICITY IN THE EQUATORIAL GEOMAGNETIC FIELD, MAY 1964
NATURE V201 N4922 P909 FEB 1964
BY SHAPIRO R
WARD F
PROJ/TASK 8604 04

AFCRL 64 0416
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
PHOTO-INDUCED ELECTRON TRANSFER IN DYE-SULPHYDRYL PROTEIN COMPLEX - MAY 1964
NATURE V201 N4925 PP1183-1185 21 MAR 1964
BY FUJIMORI E
PROJ/TASK 8659 03
DDC NUMBER 446733

AFCRL 64 0418
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
IMPROVED CLOSED-SYSTEM EVAPORATION CRYSTALLIZER, MAY 1964
REV SCI INSTR V34 N10 OCT 1963
BY SAMPSON J L
DIPIETRO M A
PROJ/TASK 5621 01

AFCRL 64 0419
COLUMBIA U PALISADES NY
SPHEROIDAL FREE PERIODS OF THE EARTH OBSERVED AT EIGHT STATIONS AROUND THE WORLD, APR 1964
BULL SEISMOLOGICAL SOC AM V54 N2 PP755-776 APR 1964
BY ALSOP L E
INSTRUMENT AF 19<604>07376
PROJ/TASK 8652 03

AFCRL 64 0420
FRANKLIN INST PHILADELPHIA PA
THE MAGNETIC PROPERTIES OF FCC SINGLE CRYSTAL COBALT FILMS, APR 1964
BY DOYLE W D — DDC NUMBER 603720
INSTRUMENT AF 19<628>02415
PROJ/TASK 5635 03

AFCRL 64 0421
PHILCO CORP PHILADELPHIA PA
ADVANCED ANTENNA TECHNIQUES, MAY 1964
BY PROCOPIO L W — DDC NUMBER 602768
KASHIHARA T K — INSTRUMENT AF 19<628>02403
CZORPITA S — PROJ/TASK 4600 06

AFCRL 64 0425
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
CRATER FREQUENCY AND THE INTERPRETATION OF LUNAR HISTORY, MAY 1964
ICARUS V2 N5-6 PP466-480 DEC 63
BY DODD R T JR
SALISBURY J W
SMALLEY V G — PROJ/TASK 8602 05

AFCRL 64 0429
MARYLAND U COLLEGE PARK
A RELATIONSHIP FOR PLASMA SHEATHS ABOUT LANGMUIR PROBES, JAN 1964
BY BETTINGER R T — DDC NUMBER 603008
WALKER H — INSTRUMENT AF 19<628>02792
PROJ/TASK 8605 04

AFCRL 64 0431
MASSACHUSETTS INST OF TECH CAMBRIDGE
STUDY OF THE PHOTOCATALYZED DECOMPOSITION OF WATER AND OF THE MECHANISMS OF INTRAMOLECULAR AND INTERMOLECULAR ELECTRON TRANSFER IN ORGANIC COMPOUNDS - 14 MAY 1964
BY HEIDT L J — INSTRUMENT AF 19<604>05712
PROJ/TASK 6694 01

AFCRL 64 0432
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
INTELLIGIBILITY OF EXCERPTS FROM FLUENT SPEECH AUDITORY VS. STRUCTURAL CONTEXT - MAY 1964
J VERBAL LEARNING VERBAL BEHAVIOR V3 N1 FEB 64 3 PP79-84
BY PICKETT J M
POLLACK I — PROJ/TASK 5628 02

AFCRL 64 0434
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
OPTICAL PHYSICS LAB L G HANSCOM FIELD MASS
A STUDY OF TRANSVERSE MODES OF RUBY LASERS USING BEAT FREQUENCY DETECTION AND FAST PHOTOGRAPHY, MAY 1964
BY STICKLEY C M — PROJ/TASK 4645 01

AFCRL 64 0435
AMERICAN SCIENCE AND ENGINEERING INC CAMBRIDGE MASS
A RESEARCH PROGRAM TO INVESTIGATE THE CHARGED PARTICLE FLUX IN THE NEAR-EARTH MAGNETOSPHERE FROM A P-11 SUB-SATELLITE 27 MAY 1964
BY PAOLINI F R
GIACCONI R — INSTRUMENT AF 19<628>02392
WATERS J R — PROJ/TASK 8600 06
QUINN T G JR

AFCRL 64 0436
HARVARD U CAMBRIDGE MASS
RESEARCH ON THE PROPERTIES OF ANTENNAS IN A CONDUCTING MEDIA, 15 APR 1964
BY IIZUKA K — INSTRUMENT AF 19<604>07262
PROJ/TASK 7661 05

AFCRL 64 0438
SASKATCHEWAN U SASKATOON CANADA
SODIUM TWILIGHT AT CHRISTCHURCH, NEW ZEALAND
J ATMOSPHERIC TERREST PHYS V26 PP67-76 1964
BY HUNTEN D M — DDC NUMBER 443155
JONES A V — INSTRUMENT AF 19<628>02829
ELLYETT C D — PROJ/TASK 7661 02
MCLAUCHLAN E C

AFCRL 64 0439
SASKATCHEWAN U SASKATOON CANADA
THE TELLURIC EMISSION SPECTRUM IN THE RANGE 1 MICRON TO 3 MM
MEM SOC ROY SCI LIEGE CINQUIEME SER V9
BY JONES A V — DDC NUMBER 443099
INSTRUMENT AF 19<628>02829
PROJ/TASK 7661 02

AFCRL 64 0441
D BROWN ASSOCIATES INC EAU GALLIE
INVESTIGATION OF THE FEASIBILITY OF SELF-CALIBRATION OF TRACKING SYSTEMS, 29 MAY 1964
BY BROWN D C
BUSH N — INSTRUMENT AF 19<628>03286
SIBOL J — PROJ/TASK 5930 03

AFCRL 64 0442
MANCHESTER U ENGLAND
OBSERVATIONS OF THE FREQUENCY DEPENDENCE OF POLARIZATION OF THE LIGHT OF THE MOON AND OF MARS, 13 JAN 1964
BY CLARKE D — INSTRUMENT AF 61<052>00378
PROJ/TASK 8602 01

AFCRL 64 0443
PUERTO RICO U MAYAGUEZ
IONOSPHERIC PROPAGATION STUDIES, 1 JUN 1964
BY DUENO B — INSTRUMENT AF 19<604>08342
PROJ/TASK 4603 09

AFCRL 64 0444
FACULTE DE SCIENCE DE PARIS ORSAY FRANCE
KINETIC STUDY OF ELECTRONS IN WEAKLY IONIZED GASES FOR ARGON OR GAS MIXTURE ARGON-HYDROGEN, ARGON-CO, SPRING 1964
BY CONSTANTIN A
GODART J — INSTRUMENT AF 61<052>00727
HAMM J J — PROJ/TASK 8647 02
RIOUX R

AFCRL 64 0446
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
LONG LINE AZIMUTHS FROM OPTICAL OBSERVATIONS OF THE ANNA FLASHING SATELLITE - JUNE 1964
BY MANCINI A — DDC NUMBER 446734
PROJ/TASK 7600 02

AFCRL 64 0447
NEW HAMPSHIRE U DURHAM
DIGITAL COMPUTER DESIGN OF THE DIPOLE PARAMETRIC AMPLIFIER ANTENNA, 1 MAY 1964
BY FROST A D — INSTRUMENT AF 19<628>00307
PROJ/TASK 4600 02

AFCRL 64 0448
OHIO STATE U RESEARCH FOUNDATION COLUMBUS
A STUDY OF THE TEMPERATURE DEPENDANCE OF THE TOTAL ABSORPTANCE OF CO NEAR 4.7 MICRON AND 2.3 MICRON, CH FOUR NEAR 3.3 MICRON, MAY 1964
BY VANDERWERF D — DDC NUMBER 442926
INSTRUMENT AF 19<604>06141
PROJ/TASK 7670 03

AFCRL 64 0450
GEOPHYSICS CORP OF AMERICA BEDFORD MASS
PRESSURE AND DENSITY SCALE HEIGHTS DEFINING ATMOSPHERIC MODELS, APR 1964
BY MINZNER R A — DDC NUMBER 602497
INSTRUMENT AF 19<628>01633
PROJ/TASK 7673 01

AFCRL 64 0451
PENNSYLVANIA STATE U UNIVERSITY PARK
THE MEASUREMENT OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT UNIVERSITY PARK, PENNSYLVANIA, FOR JANUARY-FEBRUARY-MARCH 1964, 1 MAY 1964
BY FERRARO A J
BY LEE H S — INSTRUMENT AF 19<628>04014
PROJ/TASK 8605 02

AFCRL 64 0452
STANFORD RESEARCH INST MENLO PARK CALIF
A SURVEY AND ASSESSMENT OF PROGRESS IN SWITCHING THEORY AND LOGICAL DESIGN IN THE SOVIET UNION, MAY 1964
BY KAUTZ W H — DDC NUMBER 443860
INSTRUMENT AF 19<628>02903
PROJ/TASK 4641 01

AFCRL 64 0454
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
DESIGN MECHANIZATION OF A PROBLEM-ORIENTED SYMBOL PROCESSOR, 1 MAY 1964
DDC NUMBER 603199
DDC NUMBER 603202
DDC NUMBER 603201
BY SCHAUER R F — DDC NUMBER 603200
NOTZ W — INSTRUMENT AF 19<628>02991
MULLERY A — PROJ/TASK 4641 05

AFCRL 64 0455
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
IONOSPHERIC PERTURBATIONS, SOLAR FLARES, AND GEOMAGNETIC STORMS-CORRELATIONS OBSERVED BY OBLIQUE LONG-RANGE HIGH-FREQUENCY PROBING - JUNE 1964
BY BAKER H R
REILLY A F — PROJ/TASK 4649 01

AFCRL 64 0456
MITHRAS INC CAMBRIDGE MASS
MEASUREMENT OF THE SPIN-FLOPPING RELAXATION TIME IN CU CL 2 POINT 2 H 2 O, JAN 1964
BY NAIMAN C S — DDC NUMBER 604425
LAWRENCE T R — INSTRUMENT AF 19<628>02395
PROJ/TASK 5621 04

AFCRL 64 0457
COPENHAGEN TECH U DENMARK
RADIATION FIELDS ASSOCIATED WITH SHORT-WAVE ANTENNAS IN ARBITRARY LAND-SEA AREAS, APR 1964
BY LARSEN T — INSTRUMENT AF 61<052>00503
PROJ/TASK 5635 02

AFCRL 64 0460
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
A GEOMETRIC STUDY OF COHERENCE PROPERTIES OF PARTIALLY POLARIZED ELECTROMAGNETIC RADIATION, JUN 1964
BY BOLINDER E F — PROJ/TASK 5635 01

AFCRL 64 0461
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
GEOMETRY AND FIRST-ORDER ERROR STATISTICS FOR THREE AND FOUR-STATION HYPERBOLIC FIXES ON A SPHERICAL EARTH JUNE 1964
BY LEWIS E A — DDC NUMBER 605816
PROJ/TASK 4662 05

AFCRL 64 0462
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
CALIBRATION OF A FLYABLE MASS SPECTROMETER FOR N AND O ATOM SENSITIVITY, JUN 1964
BY NARCISI R S
SCHIFF H I
MORGAN J E — PROJ/TASK 6687
COHEN N A

AFCRL 64 0463
MONTANA STATE COLL BOZEMAN
TOWARDS A THEORY OF THE RETICULAR FORMATION - APRIL 1964
BY KILMER W L
MCCULLOCH W S
INSTRUMENT AF 19<628>03807
PROJ/TASK 5632 02

AFCRL 64 0464
MITHRAS INC CAMBRIDGE MASS
TABULATION OF FIRST ORDER MAGNETIC PHASE TRANSITIONS, OCT 1963
BY NAIMAN C S
GILMORE R
INSTRUMENT AF 19<628>02395
PROJ/TASK 5621 04

AFCRL 64 0465
HOWELL WALLACE E INC LEXINGTON MASS
A STUDY OF MIDDLE CLOUD WAVE PATTERNS - 31 MAY 1964
BY LOPEZ M E
RONNING S N
INSTRUMENT AF 19<628>00306
PROJ/TASK 6698 02

AFCRL 64 0467
GENERAL ELECTRIC CO SCHENECTADY N Y
SEMICONDUCTOR DEVICE CONCEPTS, 5 MAY 1964
BY WOODBURY H H
AVEN M
HEUMANN F K
HALL R N
DDC NUMBER 603783
INSTRUMENT AF 19<628>00329
PROJ/TASK 4608 05

AFCRL 64 0468
GENERAL TELEPHONE AND ELECTRONICS LABS INC BAYSIDE N Y
A STUDY OF ADSORPTION OF GASES ON SOLIDS IN THE HIGH VACUUM RANGE, 30 APR 1964
BY FLORIO J V
BAIRD D H
DDC NUMBER 602489
INSTRUMENT AF 19<628>00331
PROJ/TASK 5634 05

AFCRL 64 0469
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
AEROSPACE INSTRUMENTATION LAB L G HANSCOM FIELD MASS
A PRELIMINARY EVALUATION OF THE CRICKETSONDE ROCKET SYSTEM, JUN 1964
BY KONSTANTINS P
PROJ/TASK 6682 05

AFCRL 64 0470
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN DIGITAL FORM, 24 MAR 1964
BY GUSTAFSSON G
ELEMAN F
HEIKKILA K F
INSTRUMENT AF 61<052>00237
PROJ/TASK 8601 02

AFCRL 64 0471
GABRIEL CO ROCKETPOWER INC MESA ARIZ
JUDI-ROBIN BALLOON DART SOUNDING VEHICLE - MAY 1964
BY WATSON C W
INSTRUMENT AF 19<628>02805
PROJ/TASK 6682 06
PROJ/TASK 6670 03

AFCRL 64 0472
NATIONAL BUREAU OF STANDARDS BOULDER COLO
THEORY OF A SLOTTED-SPHERE ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA - PARTS I AND II - 8 MAY 1964
RADIO SCI J RES NBS/USNC-URSI V68D N10 OCT 1964
BY WAIT J R
DDC NUMBER 446366
INSTRUMENT AF 19-PRO-62-201
PROJ/TASK 4600 04

AFCRL 64 0473
NATIONAL BUREAU OF STANDARDS BOULDER COLO
ON RADIATION OF ELECTROMAGNETIC AND ELECTROACOUSTIC WAVES IN PLASMA, 8 JUN 1964
BY WAIT J R
DDC NUMBER 604435
INSTRUMENT PRO-62-201
PROJ/TASK 4600 04

AFCRL 64 0474
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
SOME EFFECTS OF SEMANTIC AND GRAMMATICAL CONTEXT ON THE PRODUCTION AND PERCEPTION OF SPEECH - JUNE 1964
LANGUAGE SPEECH V6 PART 3 PP172-187 JUL-SEP 1963
BY LIEBERMAN P
PROJ/TASK 5628 02

AFCRL 64 0475
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
LASER-SATELLITE REFLECTION PARAMETERS - JUNE 1964
BY ILIFF R L
PROJ/TASK 7600 06

AFCRL 64 0476
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
THE PREPARATION OF HIGH-PURITY BORON VIA THE IODIDE - JUNE 1964
TRANS MET SOC AIME V230 PP350-354 MAR 1964
BY ARMINGTON A F
DILLON G F
MITCHELL R F
PROJ/TASK 5620 01

AFCRL 64 0477
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
INFRARED ABSORPTION OF MAGNESIUM STANNIDE - JUNE 1964
PHYS REV V133 N3A A800-A810 3 FEB 1964
BY LIPSON H G
KAHAN A
PROJ/TASK 5621 04

AFCRL 64 0478
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
AREA PROPERTIES OF TELEVISION PICTURES - JUNE 1964
BY NISHIKAWA S
MASSA R J
MOTT-SMITH J C
PROJ/TASK 4610 07

AFCRL 64 0479
BITTERLICH W INNSBRUCK AUSTRIA
FIELD STRENGTH METER FOR VLF WAVES, 1 APR 1964
BY BITTERLICH W
INSTRUMENT AF 61<052>00490
PROJ/TASK 4600 08

AFCRL 64 0481
CATHOLIC U OF AMERICA WASHINGTON D C
EXPERIMENTAL STUDY OF THE ABSORPTION IN DISTILLED WATER, ARTIFICIAL SEA WATER, AND HEAVY WATER IN THE VISIBLE REGION OF THE SPECTRUM - 1 JUNE 1964
J OPT SOC AM V53 N8 PP962-968 AUG 1963
BY SULLIVAN C A
INSTRUMENT AF 19<604>05558
PROJ/TASK 7670 03

AFCRL 64 0482
ALMQVIST & WIKSELL GOTEBORG-UPPSALA STOCKHOLM SWEDEN
SOME DIFFERENT TYPES OF WHISTLERS IN RELATION TO SIMULTANEOUS THUNDERSTORM ACTIVITY, 1963
ARKIV GEOFYSIK BAND 4 UR 14
BY NORINDER H
KNUDSEN F
INSTRUMENT AF 61<052>00007
PROJ/TASK 7663 05

AFCRL 64 0483
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
AEROSPACE INSTRUMENTATION LAB L G HANSCOM FIELD MASS
HORIZONTAL AND VERTICAL DISTRIBUTIONS OF ATMOSPHERIC DENSITY, UP TO 90 KM - JUNE 1964
BY COLE A E
KANTOR A J
PROJ/TASK 8624 01

AFCRL 64 0484
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
OPTICAL PHYSICS LAB L G HANSCOM FIELD MASS
THE INFRARED TELLURIC ABSORPTION SPECTRUM INTRODUCTORY REPORT, JUN 1964
MEM SOC ROY SCI LIEGE SER5 V9
BY HOWARD J N
GARING J S
PROJ/TASK 7670 02

AFCRL 64 0485
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
ON THE OPTIMUM DESIGN OF MULTIPATH SIGNALS, JUN 1964
BY BERSHAD N J
PROJ/TASK 5628 01

AFCRL 64 0486
WALES U COLL ABERYSTWYTH
MOLECULAR PARAMETERS AND BOND STRUCTURE PART 2, CARBON-HYDROGEN BONDS IN CH_3X AND CH_2XY MOLECULES, 9 APR 1964
BY JONES R G
LADD J A
ORVILLE-THOMAS W J
INSTRUMENT AF 61<052>00691
PROJ/TASK 8603 03

AFCRL 64 0487
MILAN U ITALY
MEASUREMENT OF THE COSMIC RAY NEUTRON FLUX AT 45 DEGREE GEOMAGNETIC LATITUDE, 11 MAY 1964
BY BOELLA G
ANTONI G D
DILWORTH C
PANETTI M
SCARSI L
SHAPIRO D
INSTRUMENT AF EOAR GRANT 63-106
PROJ/TASK 8600 03

AFCRL 64 0488
UPPSALA U SWEDEN
RELATIONS BETWEEN LIGHTNING DISCHARGES AND DIFFERENT TYPES OF MUSICAL ATMOSPHERICS
BY NORINDER H
INSTRUMENT AF 61<052>00171
PROJ/TASK 5631 01

AFCRL 64 0489
CENTRE NATIONAL D-ETUDES DE LA RECHERCHE SCIENTIFIQUE
PARIS FRANCE
FAR INFRARED SPECTRA OF CRYSTALS AND SOLIDS IN A LARGE RANGE OF TEMPERATURES, 15 MAY 1964
BY LECOMTE J
HADNI A
INSTRUMENT AF 61<052>00518
PROJ/TASK 5634 03

AFCRL 64 0490
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
AN INTERPRETATION OF THE FAR-FIELD EFFECTS OF A ROCKET IN THE IONOSPHERE <U> - JUNE 1964
BY CONLEY T D
HIGGINS J F
DDC NUMBER 353184
PROJ/TASK 4649 01

AFCRL 64 0492
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
A RADON-NIKODYM THEOREM IN DIMENSION LATTICES - JUNE 1964
TRANS AM MATH SOC V108 N1 PP66-87 JUL 1963
BY HOLLAND S S JR
PROJ/TASK 5632 02

AFCRL 64 0493
WASHINGTON U SEATTLE
LIQUID FILM HYGROMETRY - MAY 1964
BY CHARLSON R J
BUETTNER K J K
INSTRUMENT AF 19<628>00303
PROJ/TASK 6020 02

AFCRL 64 0497
COLORADO U BOULDER
EXCITATION OF CHROMOSPHERIC MG I - AUGUST 1964
ASTROPHYS J V137 N2 PP601-605 15 FEB 1963
BY ATHAY R G
HOUSE L L
DDC NUMBER 447628
INSTRUMENT AF 19<604>06664
PROJ/TASK 7649 02

AFCRL 64 0498
COLORADO U BOULDER
EXCITATION OF CHROMOSPHERIC HE I - AUGUST 1964
ASTROPHYS J V137 N3 PP931-944 1 APR 1963
BY ATHAY R G
DDC NUMBER 448298
INSTRUMENT AF 19<604>06664
PROJ/TASK 7649 02

AFCRL 64 0499
COLORADO U BOULDER
DEPTH OF FORMATION OF MG I LINES IN THE SOLAR ATMOSPHERE
AUGUST 1964
ASTROPHYS J V138 N3 PP680-692 1 OCT 1963
BY ATHAY R G
DDC NUMBER 447738
INSTRUMENT AF 19<604>06664
PROJ/TASK 7649 02

AFCRL 64 0500
COLORADO U BOULDER
THERMALLY DRIVEN CIRCULATIONS - AUGUST 1964
BEITR PHYSIK ATMOSPHARE 35 3/4 1962
BY HAURWITZ B
DDC NUMBER 447739
INSTRUMENT AF 19<604>05488
PROJ/TASK 8604 05

AFCRL 64 0501
COLORADO U BOULDER
THE EFFECT OF STRATOSPHERIC TRANSPORT PROCESSES ON THE
OZONE DISTRIBUTION - AUGUST 1964 OZONE VARIATIONS AND
THEIR RELATION TO STRATOSPHERIC WARMINGS - AUGUST 1964
METEOROL ABHANDL PROC INTERN SYMP STRATOSPHERIC
MESOSPHERIC CIRCULATION 20-31 AUG 1962
BY LONDON J
PRABHAKARA C
DDC NUMBER 606141
INSTRUMENT AF 19<604>05488
PROJ/TASK 8604 05

AFCRL 64 0502
COLORADO U BOULDER
THE POSITION AND SIGN OF JUPITERS MAGNETIC MOMENT
AUGUST 1964
ASTROPHYS J V137 NY 15 MAY 1963
BY WARWICK J W
DDC NUMBER 448295
INSTRUMENT AF 19<628>00224
PROJ/TASK 5629 02

AFCRL 64 0503
CALIFORNIA RESEARCH CORP LA HABRA CALIF
ANALYSIS OF A PROGRAM FOR COMPUTING THEORETICAL
SEISMOGRAMS FOR MULTILAYERED MEDIA, 14 APR 1964
BY SQUIER D P
INSTRUMENT AF 19<604>08344
PROJ/TASK 8652 05

AFCRL 64 0505
OSLO U NORWAY
SOME STABILITY PROPERTIES OF A MATERIAL LAYER MODEL
OF THE ATMOSPHERE, 1 FEB 1964
BY BLUMEN W
INSTRUMENT AF 61<052>00525
PROJ/TASK 6020 04

AFCRL 64 0506
OSLO U NORWAY
A METHOD OF BALANCING INITIAL DATA FOR A MATERIAL-LAYER
MODEL OF THE ATMOSPHERE, 9 MAR 1964
BY ELIASSEN A
GRAMMELTVEDT A
INSTRUMENT AF 61<052>00525
PROJ/TASK 6020 04

AFCRL 64 0507
NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT KJELLER NORWAY
LONG RANGE PROPAGATION STUDIES, 8 MAY 1964
BY FOLKESTAD K
INSTRUMENT AF 61<052>00610
PROJ/TASK 4603 09

AFCRL 64 0508
WALES U COLL ABERYSTWYTH
MOLECULAR PARAMETERS AND BOND STRUCTURES PART 3,
CARBON-OXYGEN BONDS, 8 MAY 1964
BY LADD J A
ORVILLE-THOMAS W J
COX B C
INSTRUMENT AF 61<052>00691
PROJ/TASK 8603 03

AFCRL 64 0509
COPENHAGEN TECH U DENMARK
NUMERICAL COMPUTATIONS BASED DIRECTLY ON THE COMPENSATION
THEOREM OF THE SKY WAVE FIELD FROM A DIPOLE IN AN
ARBITRARY FLAT MIXED LAND-SEA AREA, MAR 1964
BY LARSEN T
INSTRUMENT AF 61<052>00503
PROJ/TASK 5635 02

AFCRL 64 0510
LARKE MATHEMATICAL LABS INC CARLISLE MASS
MADCAP, MAMMOTH DECIMAL ARITHMETIC PROGRAM FOR THE
PDP-1 COMPUTER, JUN 1964
BY MYRVAAGNES E
INSTRUMENT AF 19<628>03826
PROJ/TASK 5628 01

AFCRL 64 0511
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
PLASMA PRODUCED ANTENNA PATTERN DISTORTION - JUNE 1964
BY JACAVANCO D J
PROJ/TASK 4642 02

AFCRL 64 0513
ROYAL INST OF TECH STOCKHOLM SWEDEN
AVAILABLE AC POWER FROM AN ACTIVE REAL TWO-TERMINAL
DEVICE, JUN 1963
IEEE TRANS PROFESS TECH GROUP CIRCUIT THEORY V CT-10 N2
JUN 1963
BY LEINE P O
INSTRUMENT AF EOAR 61-43
PROJ/TASK 5632 03

AFCRL 64 0514
ROYAL INST OF TECH STOCKHOLM SWEDEN
BASIC STUDIES ON AMPLIFICATION AND GENERATION OF
SIGNALS IN ELECTRONICAL CIRCUIT STOCKHOLM, 27 APR 1964
BY LEINE P O
INSTRUMENT AF EOAR 61-43
PROJ/TASK 5632 03

AFCRL 64 0515
GENERAL DYNAMICS CORP GENERAL ATOMICS DIV SAN DIEGO CALIF
ANALYSIS OF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS
24 AUGUST 1964
BY FINEMAN M A
INSTRUMENT AF 19<628>03242
PROJ/TASK 6694 09

AFCRL 64 0517
BAYLOR U WACO TEX
AN INVESTIGATION OF THE MECHANISM OF ELECTROLYTIC OXIDATION
OF ORGANIC COMPOUNDS AND OF COMPETITIVE PROCESSES
INVOLVING HYDROGEN AT THE SURFACE OF THE SOLID METAL
ELECTRODES - JUNE 1964
BY FRANKLIN T C
FRANKLIN N F
LIANG C
MATUSUDA F
MCCLELLAND D
CHIU Y-C
KAWAMATA M
MCDANIEL A
ITOH T
INSTRUMENT AF 19<604>08414
PROJ/TASK 6694 06

AFCRL 64 0519
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
ION DISSOCIATION IN THE DRIFT TUBE OF A TIME-OF-FLIGHT
MASS SPECTROMETER III. FLIGHT-TIME SHIFT EQUATIONS FOR
SPURIOUS FRAGMENT PEAKS ARISING FROM CHARGE TRANSFER AND
DISSOCIATION REACTIONS OCCURRING INSIDE THE POTENTIAL
BARRIER - JUNE 1964
BY HUNT W W JR
DDC NUMBER 605811
PROJ/TASK 7635 03

AFCRL 64 0520
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
EVALUATION OF 1960 SEISMICITY - JUNE 1964
BY FISHER R L
BAKER R G
GUIDROZ R R
PROJ/TASK 8652 07

AFCRL 64 0521
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIELD MASS
BE7, P32, P33, AND S35 STRATOSPHERIC CONCENTRATIONS AND
ARTIFICIAL PRODUCTION - JULY 1964
J GEOPHYS RES V69 N8 PP1457-1467 15 APR 1964
BY DREVINSKY P J
WASSON J T
COUBLE E C
DIMOND N A
PROJ/TASK 7690 01

AFCRL 64 0523
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB
L G HANSCOM FIELD MASS
THE STATISTICS OF SATELLITE SCINTILLATIONS AT A SUBAURORAL
LATITUDE - JULY 1964
J GEOPHYS RES V69 N9 1 MAY 1964
BY AARONS J
MULLEN J
BASU S
PROJ/TASK 4643 02

AFCRL 64 0524
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB
L G HANSCOM FIELD MASS
THE MATHEMATICAL EQUIVALENCE OF MULTI-LEVEL AND VERTICALLY
INTEGRATED NUMERICAL FORECASTING MODELS - JULY 1964
TELLUS V15-U4 NOV 1963
BY BERKOFSKY L
PROJ/TASK 8628 03

AFCRL 64 0525
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
LOW ENERGY CHARGE EXCHANGE AND ION-MOLECULE REACTIONS
JULY 1964
ANN GEOPHYS BOOK 20 PP75-87 JAN-MAR 1964
BY PAULSON J F
PROJ/TASK 7635 04

AFCRL 64 0526
AVCO CORP WILMINGTON MASS
EXTENSION OF THE METHOD OF NORMAL MODES TO WAVE PROPAGATION
IN AN ALMOST-STRATIFIED MEDIUM - JUNE 1964
BY PIERCE A D
INSTRUMENT AF 19<628>03891
PROJ/TASK 7637 02

AFCRL 64 0528
BRANDEIS U WALTHAM MASS
THE THERMAL AND ELECTRICAL CONDUCTIVITY OF COOLING STELLAR PLASMA EMITTING NEUTRINOS, 10 JUN 1964
BY KANG I K
GOLDSTEIN J S
DDC NUMBER 603868
INSTRUMENT AF 19<604>07283
PROJ/TASK 8608 05

AFCRL 64 0529
PENNSYLVANIA STATE U UNIVERSITY PARK
METHODS FOR OBTAINING ELECTRON DENSITY PROFILES FROM CAPACITIVE IONOSPHERIC ROCKET PROBES, 15 MAY 1964
BY CROUSE P F
DDC NUMBER 603625
INSTRUMENT AF 19<628>04050
PROJ/TASK 8653 02

AFCRL 64 0530
NATIONAL ELECTRONICS INSTITUTE SPAIN
MEASUREMENTS OF THE 5 KC RADIO NOISE NEAR MADRID, 15 MAY 1964
BY SCHLAYER C F
INSTRUMENT AF 61<052>00513
PROJ/TASK 5631 08

AFCRL 64 0531
LONDON U IMPERIAL COLL OF SCIENCE AND TECH ENGLAND
RESEARCH ON CHARACTERISTICS AND EFFECTS OF SEVERE STORMS, MAY 1964
BY LUDLAM F H
ATLAS D
MACKLIN W C
BROWNING K A
GREEN J S A
HOOKINGS G
MOSSOP S C
HARNEY P J
CARLSON T
PETROCCHI P
INSTRUMENT AF 61<052>00254
PROJ/TASK 8620 04

AFCRL 64 0532
CHALMERS INST OF TECH GOTHENBURG SWEDEN
MICROSCOPIC TREATMENT OF THE INTERACTION BETWEEN A PLANE ELECTROMAGNETIC WAVE AND AN OSCILLATING MEDIUM, MAR 1964
BY THOMASSON A R
INSTRUMENT AF 61<052>00451
PROJ/TASK 4603 02

AFCRL 64 0533
CHALMERS INST OF TECH GOTHENBURG SWEDEN
GENERATION OF LONGITUDINAL PLASMA WAVES BY NONLINEAR COUPLING OF TWO HIGH-POWER CIRCULARLY POLARIZED TRANSVERSE WAVES, 1 APR 1964
BY WILHELMSSON K H B
INSTRUMENT AF 61<052>00451
PROJ/TASK 4603 02

AFCRL 64 0534
CHALMERS INST OF TECH GOTHENBURG SWEDEN
CERENKOV EFFECT IN A PRE-OSCILLATING MEDIUM, 1 APR 1964
BY WILHELMSSON K H B
THOMASSON A R
INSTRUMENT AF 61<052>00451
PROJ/TASK 4603 02

AFCRL 64 0535
CHALMERS INST OF TECH GOTHENBURG SWEDEN
THE MAGNETO-IONIC THEORY FOR MASS-ANISOTROPIC ELECTRONS, 1 APR 1964
BY WILHELMSSON K H B
INSTRUMENT AF 61<052>00451
PROJ/TASK 4603 02

AFCRL 64 0536
BITTERLICH W INNSBRUCK AUSTRIA
CURRENT DISTRIBUTION OF HEMISPHERICAL ELECTRODES IN A HOMOGENEOUS SEMISPACE, 15 MAY 1964
BY TINHOFER G
BITTERLICH W
INSTRUMENT AF 61<052>00490
PROJ/TASK 4600 08

AFCRL 64 0538
CALIFORNIA INST OF TECH PASADENA
LASER ELECTROMAGNETICS - 1 JULY 1964
BY GEORGE N
INSTRUMENT AF 19<604>08052
PROJ/TASK 4600 06

AFCRL 64 0539
UNITED AIRCRAFT CORP EAST HARTFORD CONN
RESEARCH OF ASPECTS OF MASS TRANSPORT NEAR THE THREE-PHASE ZONE OF AN OXYGEN ELECTRODE - 30 JUNE 1964
BY URBACH H B
MCMAHON D G
INSTRUMENT AF 19<628>03234
PROJ/TASK 8659 04

AFCRL 64 0540
ADVANCED METALS RESEARCH CORP BURLINGTON MASS
EXTRA-TERRESTRIAL PARTICLES - 30 APRIL 1964
BY PLANSKY M
CARNEVALE R F
INSTRUMENT AF 19<628>02761
PROJ/TASK 7667 03

AFCRL 64 0541
ANDREW ALFORD CONSULTING ENGINEERS BOSTON MASS
EXPERIMENTAL STUDY OF THE BACK SCATTERING FROM CONDUCTING OBJECTS IN THE RANGE OF ONE QUARTER TO ONE WAVELENGTH IN SIZE - APRIL 1964
BY FLOOD D P
FIELD J C
DDC NUMBER 606087
INSTRUMENT AF 19<628>02456
PROJ/TASK 4600 04

AFCRL 64 0545
ROYAL INST OF TECH STOCKHOLM SWEDEN
DISSOCIATION OF METHANE MOLECULE IONS FORMED IN CHARGE EXCHANGE COLLISIONS WITH POSITIVE IONS. ION-MOLECULE REACTIONS OF METHANE, 6 APR 1964
BY VON KOCH H
INSTRUMENT AF EOAR 63-68
PROJ/TASK 7635 04

AFCRL 64 0546
DURHAM U ENGLAND
RESEARCH ON THERMAL CONVECTION IN ROTATING FLUIDS AND ON ROTATING BAROTROPIC FLUIDS, JUL 1962
BY HIDE R
BOWDEN M
EDEN H F
FOWLIS W W
IBBETSON A
TITMAN C W
INSTRUMENT AF 61<052>00216
PROJ/TASK 8604 03

AFCRL 64 0547
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
MEASUREMENT OF NOISE FIGURE OF AN X-BAND WAVEGUIDE MIXER WITH TUNNEL DIODE - JULY 1964
BY BLAESER G H
DDC NUMBER 605812
PROJ/TASK 4600 09

AFCRL 64 0549
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
SHEAR DEFORMATION OF UPPER MANTLE MINERAL ANALOGUES TESTS TO 55 KB AT 270C - JULY 1964
BY RIECKER R E
SEIFERT K E
DDC NUMBER 606118
PROJ/TASK 8652 11

AFCRL 64 0551
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS
SOME NUMERICAL RESULTS OF A MODEL INVESTIGATION OF THE ATMOSPHERIC RESPONSE TO UPPER-LEVEL HEATING - JULY 1964
PLANET SPACE SCI V12 PP219-225 1964
BY BERKOFSKY L
SHAPIRO R
PROJ/TASK 8628 03

AFCRL 64 0552
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
ELECTRICAL PROCESSES IN THE NIGHTTIME EXOSPHERE, JUL 1964
GEOPHYS RES V69 N9 MAY 1964
BY SAGALYN RC
SMIDDY M
PROJ/TASK 8617 01

AFCRL 64 0553
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS
RADIOACTIVITY IN SPUTNIK 4 FRAGMENT - JULY 1964
J GEOPHYS RES V69 N11 1JUN 1964
BY WASSON J T
PROJ/TASK 7690 03

AFCRL 64 0554
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
FALLING SPHERE MEASUREMENTS OF ATMOSPHERIC DENSITY, TEMPERATURE, AND PRESSURE, UP TO 115 KM - JULY 1964
BY CHAMPION K S W
FAIRE A C
PROJ/TASK 6690 01

AFCRL 64 0555
TENNESSEE U KNOXVILLE
INVESTIGATION OF THIN WIRE CIRCULAR LOOP ANTENNAS AND ELECTRONICALLY SCANNED CIRCULAR ARRAYS, 30 JUN 1964
BY NEFF H P
HICKMAN C E
TILLMAN J D
DDC NUMBER 603966
INSTRUMENT AF 19<628>00288
PROJ/TASK 4600 02

AFCRL 64 0558
NEW HAMPSHIRE U DURHAM
DESIGNING DC-DC CONVERTERS FOR HIGH EFFICIENCY AT LOW POWER - JUNE 1964
BY HIGGINS J A
TRAINOR J H
INSTRUMENT AF 19<628>02352
PROJ/TASK 8600 03

AFCRL 64 0560
MINNESOTA U MINNEAPOLIS
BASIC PHENOMENA IN THERMIONIC ENERGY CONVERTERS FOR PERIOD 1 FEBRUARY 1961 TO 1 NOVEMBER 1963 - JUNE 1964
BY OSKAM H J
INSTRUMENT AF 19<604>08072
PROJ/TASK 6694 09

AFCRL 64 0562
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
GEODETIC POSITIONING FROM SIMULTANEOUS OPTICAL OBSERVATIONS OF THE ANNA I-B SATELLITE - JULY 1964
BY SHELDON L L
ECKHARDT D H
PROJ/TASK 7600 06

AFCRL 64 0564
CARDIFF U COLL GREAT BRITAIN
RESEARCH ON RECOMBINATION AND FLUCTUATION THEORY IN SEMICONDUCTORS, 31 MAY 1964
BY LANDSBERG P T
EVANS D A
INSTRUMENT AF 61<052>00664
PROJ/TASK 4645 02

AFCRL 64 0565
PHYSICAL METEOROLOGICAL OBSERVATORY DAVOS PLATZ SWITZERLAND
INVESTIGATION ON THE INFLUENCE OF CLOUDS ON ULTRAVIOLET SKY RADIATION <AT 330 MU AND 370 MU>, MAR 1964
BY BENER P
INSTRUMENT AF 61<052>00618
PROJ/TASK 7621 03

AFCRL 64 0566
OHIO STATE U COLUMBUS
RESEARCH DIRECTED TOWARD A FEASIBILITY STUDY DEALING WITH THE INTEGRATION OF GRAVITY DATA - JUNE 1964 METHODS OF PHYSICAL GEODESY - JUNE 1964 A REVIEW ON CLOSE SATELLITE THEORY - JUNE 1964 THE GEODETIC APPLICATIONS OF SATELLITES - JUNE 1964 SATELLITE PERTURBATIONS DUE TO ZONAL GRAVITATIONAL HARMONICS - JUNE 1964 ON THE ACCURACY OF SPHERICAL HARMONICS AND ORBITAL PREDICTIONS JUNE 1964
BY HEISKANEN W A
MORITZ H
MUELLER I I
RAPP R H
DDC NUMBER 605654
INSTRUMENT AF 19<628>01628
PROJ/TASK 7600 02

AFCRL 64 0567
LUDWIG-MAXIMILIANS U MUCHEN GERMANY
INVESTIGATION OF THE INFRARED EMISSION SPECTRUM OF THE ATMOSPHERE AND EARTH, 15 MAR 1964
BY BOLLE H J
KUERS G
MOLLER F
QUENZEL H
INSTRUMENT AF 61<052>00418
PROJ/TASK 8603 02

AFCRL 64 0568
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN AND
CASE INST OF TECH CLEVELAND OHIO
A STUDY OF AURORAL ZONE IONOSPHERIC IRREGULARITIES NETWORK SYNTHESIS THROUGH HYBRID MATRICES - 18 AUGUST 1964 MADE SIMULTANEOUSLY AT TROMSO, NORWAY AND KIRUNA, SWEDEN, 20 MAY 1964
BY FRIHAGEN J
BY DUFFIN R J
INSTRUMENT AF 61<052>00678
LISZKA L
INSTRUMENT AF 19<628>01699
HAZONY D
MORRISON N
PROJ/TASK 4643 02
PROJ/TASK 5635 02

AFCRL 64 0569
LIEGE U BELGIUM
CELESTIAL SPECTRA AND ATMOSPHERIC EFFECTS MAINLY IN THE INFRARED, 31 MAY 1964
BY MIGEOTTE M
INSTRUMENT AF 61<052>00685
PROJ/TASK 8603 02

AFCRL 64 0570
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
MORPHOLOGY OF THE VISIBLE AURORA, ITS RELATION TO MAGNETIC VARIATIONS AND COSMIC NOISE ABSORPTION, 21 MAY 1964
BY GUSTAFSSON G
INSTRUMENT AF 61<052>00288
PROJ/TASK 8653 02

AFCRL 64 0571
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN
SPECTROPHOTOMETRIC STUDIES OF AURORA, 5 JUN 1964
BY GUSTAFSSON G
INSTRUMENT AF 61<052>00288
PROJ/TASK 8653 02

AFCRL 64 0572
BRANDEIS U WALTHAM MASS
THEORETICAL STUDIES IN ASTROPHYSICS - 30 JUNE 1964
BY GOLDSTEIN J S
INSTRUMENT AF 19<604>07283
PROJ/TASK 8608 05

AFCRL 64 0573
OHIO STATE U COLUMBUS
ON THE ACCURACY OF THE COEFFICIENTS IN A SERIES OF SPHERICAL HARMONICS - APRIL 1964
BY STRANG VAN HEES G L
INSTRUMENT AF 19<628>02771
PROJ/TASK 7600 02

AFCRL 64 0574
OHIO STATE U COLUMBUS
ON FREE AIR ANOMALIES ESTIMATED FROM DIFFERENT MODELS MAY 1964
BY GROTEN E
INSTRUMENT AF 19<628>02771
PROJ/TASK 7600 02

AFCRL 64 0575
OHIO STATE U COLUMBUS
THE PREDICTION OF POINT AND MEAN GRAVITY ANOMALIES THROUGH THE USE OF A DIGITAL COMPUTER - JUNE 1964
BY RAPP R H
DDC NUMBER 605949
INSTRUMENT AF 19<628>02771
PROJ/TASK 7600 02

AFCRL 64 0576
OHIO STATE U COLUMBUS
ON GRAVITY REDUCTIONS - JUNE 1964
BY GROTEN E
DDC NUMBER 605950
INSTRUMENT AF 19<628>02771
PROJ/TASK 7600 02

AFCRL 64 0578
ROYAL INST OF TECH STOCKHOLM SWEDEN
DISSOCIATION OF ETHANE MOLECULE IONS FORMED IN CHARGE EXCHANGE COLLISIONS WITH POSITIVE IONS. ION-MOLECULE REACTIONS OF ETHANE, 30 APR 1964
BY VON KOCH H
INSTRUMENT AF EOAR 63-68
PROJ/TASK 7635 04

AFCRL 64 0581
MOTOROLA INC PHOENIX ARIZ
RESEARCH AND DEVELOPMENT FOR SEMICONDUCTOR SURFACE CONTROL AND STABILIZATION - 14 MAY 1964
BY KANG K D
LEE F
COOPER H W
DDC NUMBER 605566
INSTRUMENT AF 19<628>03808
PROJ/TASK 4608 05

AFCRL 64 0583
OHIO STATE U COLUMBUS
EMISSION SPECTRUM OF NITRIC OXIDE IN THE NEAR INFRARED, MAY 1964
BY HORN E F
DDC NUMBER 604445
INSTRUMENT AF 19<604>06150
PROJ/TASK 7670 02

AFCRL 64 0584
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS
THE EVOLUTION OF TEMPERATURE AND VELOCITY PROFILES DURING BREAKDOWN OF A NOCTURNAL INVERSION AND A LOW-LEVEL JET JULY 1964
J APPL METEOROLOGY V3 N1 PP70-82 FEB 1964
BY IZUMI Y
DDC NUMBER 447377
PROJ/TASK 7655 01

AFCRL 64 0587
ELECTROMAGNETIC RESEARCH CORP COLLEGE PARK MD
A STUDY OF METEOROLOGICAL PHENOMENA AS RELATED TO THE ERRORS IN RADIO INTERFEROMETER TRACKING SYSTEMS 15 JUN 1964
BY RINGWALT D L
DDC NUMBER 603510
INSTRUMENT AF 19<628>02818
PROJ/TASK 5930 07

AFCRL 64 0589
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
A COMPUTER APPROACH TO LASER DESIGN - JULY 1964
IEEE TRANS ELECTRON DEVICES PP219-228 MAY 1964
BY PURNHAGEN T G
LUBELFELD J
DDC NUMBER 447344
PROJ/TASK 5635 03

AFCRL 64 0590
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
APPARENT SKY TEMPERATURES AT MILLIMETER-WAVE FREQUENCIES JULY 1964
BY WULFSBERG K N
DDC NUMBER 605813
PROJ/TASK 4600 09

AFCRL 64 0591
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS
OBSERVATION OF 2, 1 CHARGE TRANSFER IN A TOF MASS SPECTROMETER JULY 1964
BY HUNT W W JR
MCGEE K E
DDC NUMBER 605814
PROJ/TASK 8605 07

AFCRL 64 0596
HARVARD U CAMBRIDGE MASS
MEASUREMENTS OF RADIO NOISE AT 0.700 MC AND 2.200 MC FROM A HIGH-ALTITUDE ROCKET PROBE, JUL 1964
BY HUGUENIN G R
LILLEY A E
MCDONOUGH W H
PAPAGIANNIS M D
DDC NUMBER 604366
INSTRUMENT AF 19<628>03890
PROJ/TASK 8605 05

AFCRL 64 0597
WESTINGHOUSE RESEARCH LABS PITTSBURGH PA
RESONANCE MODES AT DEFECTS IN CRYSTALLINE QUARTZ - 17 JUNE 1964
BY FELDMAN D W
CASTLE J G JR
DDC NUMBER 606051
INSTRUMENT AF 19<628>03838
PROJ/TASK 4608 01

AFCRL 64 0600
DEUTSCHER WETTERDIENST OFFENBACH WEST GERMANY
RESEARCH IN OBJECTIVE WEATHER FORECASTING, 1 JUL 1961-31 DEC 1963
BY HINKELMANN K
RHEIN S
SCHANZ P
REISER H
EDELMANN W
HASELBERG K V
INSTRUMENT AF 61<052>00373
PROJ/TASK 8628

AFCRL 64 0601
NORWEGIAN INST OF COSMIC PHYSICS
STUDIES OF LOCAL MORPHOLOGY, STRUCTURE AND DYNAMICS OF AURORA, 1 MAR 1963-31 MAY 1964
BY HARANG L
OMHOLT A
HARANG O
INSTRUMENT AF 61<052>00680
PROJ/TASK 8605 03

AFCRL 64 0604
CENTRO DI STUDIO PER LA FISICA MICROONDE
FLORENCE ITALY
MANY ELEMENT LASERS, APR 1964
BY PRATESI R
RONCHI L
TORALDO DI FRANCIA G
INSTRUMENT AF 61<052>00720
PROJ/TASK 5635 01

AFCRL 64 0607
UNITED ELECTRODYNAMICS INC ALEXANDRIA VA
WEATHER-SEISMIC-NOISE CORRELATION STUDY, 31 JUL 1964
BY BRADFORD J C
SHUMWAY R H
GRIFFIN J N
DDC NUMBER 444069
INSTRUMENT AF 19<628>00230
PROJ/TASK 8652 04

AFCRL 64 0608
CALIFORNIA RESEARCH CORP LA HABRA CALIF
THE REFRACTED ARRIVAL FROM A LAYER - 15 JUNE 1964
BY SPENCER T W
INSTRUMENT AF 19<604>08344
PROJ/TASK 8652 05

AFCRL 64 0609
HARVARD U FORT DAVIS TEXAS
RADIO EVIDENCE FOR SOLAR CORPUSCULAR EMISSION - JULY 1964
PLANETARY SPACE SCI V12 PP435-449 1964
BY MAXWELL A
DEFOUW R J
CUMMINGS P
INSTRUMENT AF 19<628>02370
PROJ/TASK 7649 06

AFCRL 64 0611
PENNSYLVANIA STATE U UNIVERSITY PARK
TECHNIQUES FOR THE DETERMINATION OF REFLECTION COEFFICIENT AND VIRTUAL HEIGHT OF LOW FREQUENCY RADIO WAVES 20 JULY 1964
BY TOU C P — DDC NUMBER 447109
INSTRUMENT AF 19<628>04014
PROJ/TASK 8605 02

AFCRL 64 0612
COLORADO U BOULDER
DYNAMICS OF THE UPPER ATMOSPHERE - 31 JULY 1964
BY HAURWITZ B — DDC NUMBER 605916
LONDON J — INSTRUMENT AF 19<604>05488
PROJ/TASK 8604 05

AFCRL 64 0614
ST LOUIS U MO
SOME EFFECTS OF A LAYERED SYSTEM ON DILATIONAL WAVES 31 JULY 1964
BY HANNON W J — INSTRUMENT AF 19<604>07399
PROJ/TASK 8652 01

AFCRL 64 0615
OSLO U NORWAY
TRUE, ORDINARY AND EFFECTIVE THERMAL CONDUCTIVITY TENSORS FOR A LORENTZ-TYPE HYDROGEN GAS, 1964
ASTROPHYSICA NORVEGICA V8 N3
BY WYLIER A A — INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04

AFCRL 64 0616
OSLO U NORWAY
COMPLETE COLLISIONAL EFFECTS IN THE THERMAL CONDUCTIVITY TENSORS FOR A FULLY IONIZED HYDROGEN GAS, 1964
ASTROPHYSICA NORVEGICA V8 N4
BY WYLIER A A — INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04

AFCRL 64 0617
OSLO U NORWAY
MASS LOSSES THROUGH EVAPORATION FROM A COMPLETELY IONIZED ATMOSPHERE WITH APPLICATIONS TO THE SOLAR CORONA, 1964
ASTROPHYSICA NORVEGICA V8 N5
BY JENSEN E — INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04

AFCRL 64 0618
OSLO U NORWAY
SECULAR VARIATIONS OF INTERMITTENT AND REVIVAL SUNSPOT GROUPS, 1964
ASTROPHYSICA NORVEGICA V8 N6
BY RINGNES T S — INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04

AFCRL 64 0619
OSLO U NORWAY
THE EVERSHED EFFECT AT THE OUTER EDGE OF SUNSPOT PENUMBRAS, 1964
ANN ASTROPHYS V26 N4 JUL-AUG 1963
BY BREKKE K
MALTRY P — INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04

AFCRL 64 0620
OSLO U NORWAY
SECULAR VARIATIONS OF SUNSPOTS WITH LIFETIMES FROM TWO TO EIGHT DAYS, 1964
ASTROPHYSICA NORVEGICA V8 N7
BY RINGNES T S — INSTRUMENT AF 61<052>00186
PROJ/TASK 7649 04

AFCRL 64 0621
MASSACHUSETTS INST OF TECH CAMBRIDGE
MEASUREMENT OF DROP SIZE DISTRIBUTION AND LIQUID WATER CONTENT IN NATURAL CLOUDS - 15 FEBRUARY 1964
BY KEILY D P — INSTRUMENT AF 19<628>00259
PROJ/TASK 8620 05

AFCRL 64 0622
SYRACUSE U RESEARCH INST N Y
THE USE OF FOAMED PROPELLANTS FOR COMPACTION AND STABILIZATION OF VARIOUS TYPES OF TERRAIN - JULY 1964
BY GOODMAN L J
GROVE C S JR — INSTRUMENT AF 19<628>00492
AIDUN A — PROJ/TASK 7628 02

AFCRL 64 0624
OSLO U NORWAY
INTERFEROMETRIC MEASUREMENTS OF THE 5200/02 A <NI>-DOUBLET IN THE AURORA, 1964
PLANETARY SPACE SCI V9 PP811-813 1963
BY LARSEN S H H — INSTRUMENT AF 61<052>00680
PROJ/TASK 8605 03

AFCRL 64 0625
OSLO U NORWAY
OBSERVATIONS AND EXPERIMENTS PERTINENT TO AURORAL THEORIES, 1964
PLANETARY SPACE SCI V10 PP247-262 1963
BY OMHOLT A — INSTRUMENT AF 61<052>00680
PROJ/TASK 8605 03

AFCRL 64 0626
OSLO U NORWAY
VARIATIONS IN THE DOPPLER PROFILE HA IN AURORAE, 1964
PLANETARY SPACE SCI V11 PP1229-1231 1963
BY JOHANSEN O E
OMHOLT A — INSTRUMENT AF 61<052>00680
PROJ/TASK 8605 03

AFCRL 64 0627
OSLO U NORWAY
VLF-EMISSIONS OBSERVED NEAR THE AURORAL ZONE-<PART I> OCCURRENCE OF EMISSIONS DURING DISTURBANCES, 1964
BY HARANG L
LARSEN R — INSTRUMENT AF 61<052>00680
PROJ/TASK 8605 03

AFCRL 64 0628
OSLO U NORWAY
VLF-EMISSIONS OBSERVED NEAR THE AURORAL ZONE-<PART II> THE PHYSICAL PROPERTIES OF THE EMISSIONS, 1964
BY HARANG L
HAUGE K N — INSTRUMENT AF 61<052>00680
PROJ/TASK 8605 03

AFCRL 64 0629
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
RESEARCH ON MEASUREMENT OF PRESSURE INDUCED SHIFTS OF ABSORPTION LINES IN THE INFRARED SPECTRUM, MAY 1964
BY JAFFE J H — INSTRUMENT AF 61<052>00388
PROJ/TASK 8603 03

AFCRL 64 0630
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
DISLOCATION STRUCTURES IN SINGLE CRYSTAL AL203 - AUGUST 64
J AM CERAM SOC V47 N2 FEB 1964
BY STEPHENS D L — DDC NUMBER 447345
ALFORD W J
PROJ/TASK 5621 01

AFCRL 64 0631
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS
RADAR REFLECTIVITY OF STORMS CONTAINING SPONGY HAIL AUGUST 1964
J GEOPHYS RES V69 N10 PP1955-1961 15 MAY 1964
BY ATLAS D — DDC NUMBER 447316
HARDY K R
JOSS J — PROJ/TASK 6672 03

AFCRL 64 0632
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS
VISUAL OBSERVATIONS BENEATH A DEVELOPING TORNADO AUGUST 1964
MONTHLY WEATHER REV V92 N6 PP326-328 JUN 1964
BY DONALDSON R J JR — DDC NUMBER 447315
LAMKIN W F
PROJ/TASK 6672 03

AFCRL 64 0633
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
NEW SHEAR APPARATUS FOR TEMPERATURES OF 1000°C AND PRESSURE OF 50 KB - NOVEMBER 1963
BY RIECKER R E — DDC NUMBER 447727
SEIFERT K E
PROJ/TASK 8652 11

AFCRL 64 0634
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS
REFLECTION CORRECTION FOR THERMAL NEUTRON SPECTRA DERIVED FROM TRANSMISSION DATA - AUGUST 1964
NUCL INSTR METHODS 24 PP131-132 1963
BY LOWE L F — DDC NUMBER 447728
BURKE E A
PROJ/TASK 5620 02

AFCRL 64 0635
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS
A PROTOTYPE LUNAR TRANSPONDER - AUGUST 1964
J GEOPHYS RES V69 N11 PP2399-2401 1 JUN 1964
BY HUNT M S — DDC NUMBER 447726
PROJ/TASK 8654 03

AFCRL 64 0639
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS
AUTOMATIC PLOTTING OF SPIN-WAVE INSTABILITY THRESHOLD DATA AUGUST 1964
REV SCI INSTR V35 N5 PP558-561 MAY 1964
BY PURNHAGEN T G — DDC NUMBER 447729
PROJ/TASK 4600 03

AFCRL 64 0640
UTAH STATE U LOGAN
RECOGNIZING PATTERNS IN PHOTOGRAPHS - 1 MAY 1964
BY RUSHFORTH C K — INSTRUMENT AF 19<628>03825
PROJ/TASK 8663

AFCRL 64 0646
HAMBURGER-STERNWARTE HAMBURG WEST GERMANY
STRUCTURE AND DEVELOPMENT OF COMETARY TAIL, 31 MAR 1964
BY WURM K — INSTRUMENT AF 61<052>00583
PROJ/TASK 8647 01

AFCRL 64 0647
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
PROPAGATION OF AN SH-TORQUE PULSE IN A SPHERE, 10 JUL 1964
BY ALTERMAN Z
KORNFELD P — INSTRUMENT AF 61<052>00509
PROJ/TASK 8652 06

AFCRL 64 0648
NEW HAMPSHIRE U DURHAM
PARAMETRIC AMPLIFIER ANTENNA STRUCTURES - 1 SEPTEMBER 1964
BY FROST A D — INSTRUMENT AF 19<628>00307
PROJ/TASK 4600 02

AFCRL 64 0649
RADIO CORP OF AMERICA RCA LABS PRINCETON N.J.
INTEGRATED LOGIC NETS - 31 JULY 1964
BY RAPP A K
SILVER R S
INSTRUMENT AF 19<604>08836
PROJ/TASK 4641 04

AFCRL 64 0651
PENNSYLVANIA STATE U UNIVERSITY PARK
THE VIBRATIONAL SPECTRUM, STRUCTURE, AND POTENTIAL CONSTANTS OF NITRIC ACID - 31 JULY 1964
BY HISATSUNE I C
INSTRUMENT AF 19<604>07987
PROJ/TASK 8603 03

AFCRL 64 0657
LOWELL TECHNOLOGICAL INST RESEARCH FOUNDATION MASS
INSTALLATION OF FACILITIES TO BE USED IN CONJUNCTION WITH A SHOCK TUBE - APRIL 1964
BY ROGERS K L
INSTRUMENT AF 19<604>08481
PROJ/TASK 8635 03

AFCRL 64 0660
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS
AEROSPACE INSTRUMENTATION LAB L G HANSCOM FIELD MASS
TROPOPAUSE DEFINITION AND HOURLY FLUCTUATIONS - AUGUST 1964
BY KANTOR A J
DDC NUMBER 605838
PROJ/TASK 8624 01

AFCRL 64 0661
AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB
L G HANSCOM FIELD MASS
LOGICAL TECHNIQUES FOR GLOTTAL SOURCE MEASUREMENTS AUGUST 1964
BY RAMSEY J L
DDC NUMBER 606119
PROJ/TASK 5628 02

AFCRL 64 0668
MICHIGAN U ANN ARBOR MICH
INFRARED STUDIES STARK EFFECTS IN HCN, CH3F, CH3I, NH3 AND H2O HINDERED ROTATION IN H2O2, INFRARED ABSORPTION OF MATRIX ISOLATED NH3 - AUGUST 1964
BY HUNT R H
MAKER P D
MEREDITH R E
PETERS C W
DDC NUMBER 605559
INSTRUMENT AF 19<604>06125
PROJ/TASK 8603 01

AFCRL 64 0669
OHIO STATE U COLUMBUS
ELECTRON IMPACT STUDIES OF MOLECULAR GASES - JULY 1964
BY LASSETTRE E N
DDC NUMBER 445853
INSTRUMENT AF 19<604>04541
PROJ/TASK 7635 03

AFCRL 64 0673
HP ASSOC PALO ALTO CALIF
INVESTIGATION OF HOT ELECTRON EMITTER - JUNE 1964
BY ATALLA M M
INSTRUMENT AF 19<628>01637
PROJ/TASK 4608 04

AFCRL 64 0696
RAYTHEON CO WAYLAND MASS
A NEW TECHNIQUE FOR SIMULTANEOUS RADAR OBSERVATION OF MULTIPLE TARGETS WITHIN A BROAD SURVEILLANCE REGION 31 DECEMBER 1963
BY DISTLER R C
FELDMAN F A
INSTRUMENT AF 19<628>00361
PROJ/TASK 4600 06

AFCRL 64 0702
GENERAL ELECTRIC CO SCHENECTADY N Y
SEMICONDUCTOR DEVICE CONCEPTS - AUGUST 1964
BY WOODBURY H H
AVEN M
KENNICOTT P R
HALL R N
INSTRUMENT AF 19<628>00329
PROJ/TASK 4608 05

F. Air Force Office of Scientific Research (AFOSR)

AFOSR 0788
NORTH CAROLINA U CHAPEL HILL
A CONSTANT CURRENT MICROCOULOMETRIC TECHNIQUE FOR DROPPING MERCURY ELECTRODES, THE DETERMINATION OF THE NUMBER OF ELECTRONS INVOLVED IN POLAROGRAPHIC REDUCTIONS
J ELECTROANAL CHEM V3 PP98/111 1962
BY REILLEY C N
MARK H B JR — INSTRUMENT AF 49<638>00333
SMITH E M — PROJ/TASK 9763

AFOSR 0789
NORTH CAROLINA U CHAPEL HILL
A SENSITIVE POLAROGRAPHIC TECHNIQUE, MAY 1961
J ELECTROANAL CHEM V3 PP54/63 1962
BY REILLEY C N
MARK H B JR — INSTRUMENT AF 49<638>00333
PROJ/TASK 9763

AFOSR 1009
HARVARD U CAMBRIDGE MASS
SERIES EXPANSIONS IN TERMS OF THE TEMPERATURE FUNCTIONS OF PORITSKY AND POWELL
QUART APPL MATH V20 N1 PP41/47 APR 1962
BY WIDDER D V
INSTRUMENT AF 49<638>00574
PROJ/TASK 9749 02

AFOSR 1122
HARVARD U CAMBRIDGE MASS
THE INVERSION OF A TRANSFORM RELATED TO THE LAPLACE TRANSFORM AND TO HEAT CONDUCTION
J AUSTRAL MATH SOC V4 PT1 PP1/14 1964
BY WIDDER D V
INSTRUMENT AF 49<638>00574
PROJ/TASK 9749 02

AFOSR 1135
BRANDEIS U WALTHAM MASS
ENZYMES OF GLYCOLYSIS
MOD METHODS PLANT ANALYSIS V7 PP519/545 1964
BY GIBBS M — DDC NUMBER 442587
TURNER J F — INSTRUMENT AF 49<638>00798
PROJ/TASK 9777 01

AFOSR 1148
COLORADO U BOULDER
BIREFRINGENCE IN A STRAINED VISCOELASTIC FLUID UNDER STEADY STATE ROTARY CONDITIONS II
J POLYMER SCI V57 PP251/262 1962
GILL S J — INSTRUMENT AF 49<638>00310
DINTZIS F R — PROJ/TASK 9760

AFOSR 1320
KENTUCKY U LEXINGTON
PREPARATION OF 2, 1, 3/BENZOTHIADIAZOLES USING DIMETHYLFORMAMIDE SULFUR DIOXIDE REAGENT
J ORG CHEM V27 P676 1962
BY SMITH W T — DDC NUMBER 445073
INSTRUMENT AF 49<638>00049
PROJ/TASK 9760

AFOSR 1322
NORTH CAROLINA U CHAPEL HILL
CURRENT/SCAN POLAROGRAPHY, STUDY OF A SYSTEM WHICH EXHIBITS A POLAROGRAPHIC MAXIMUM
J ELECTROANAL CHEM V3 PP353/362 1962
BY REILLEY C N
INSTRUMENT AF 49<638>00333
PROJ/TASK 9763

AFOSR 1549
NORTH CAROLINA U CHAPEL HILL
KINETIC ANALYSIS OF MIXTURES BY THE METHOD OF PROPORTIONAL EQUATIONS
ANAL CHEM V34 PP600/606 MAY 1962
BY REILLEY C N
INSTRUMENT AF 49<638>00333
PROJ/TASK 9763

AFOSR 2062
BROOKLYN POLYTECHNIC INST NEW YORK NY
PEROXIDE DECOMPOSITION AND CAGE EFFECT
J PHYS CHEM V66 PP1591/1595 SEP 1962
BY BRAUN W
RAJBENBACH L — INSTRUMENT AF 49<638>00331
EIRICH F R — PROJ/TASK 9761

AFOSR 2158
WASHINGTON U SEATTLE
EFFECT OF CENTRIFUGAL DISTORTION ON THE SHAPE OF THE HYDROGEN SULFIDE FUNDAMENTAL INFRARED BANDS
J CHEM PHYS V37 N2 PP251/259 JUL 1962
BY EMERSON M T — DDC NUMBER 446158
EGGERS D F JR — INSTRUMENT AF 49<638>00797
PROJ/TASK 9710 03

AFOSR 2615
RUTGERS STATE U NEW BRUNSWICK N J
COOPERATIVE STORAGE WAREHOUSES, FINAL REPORT, MAY 1962
BY HARRAR H J
INSTRUMENT AF 49<638>00849
PROJ/TASK 9769

AFOSR 2698
HEBREW U JERUSALEM ISRAEL
COMMON SECANTS FOR FAMILIES OF POLYHEDRA
ARCH MATH V25 N1 PP76/80 1964
BY GRUNBAUM B
INSTRUMENT AF 61<052>00187
PROJ/TASK 9749 02

AFOSR 2699
HEBREW U JERUSALEM ISRAEL
ON A PAPER OF A. FELDZAMEN
ISRAEL J MATH V1 N3 PP133/138 SEPT 1963
BY FOGUEL S R
INSTRUMENT AF 61<052>00187
PROJ/TASK 9749 02

AFOSR 2766
IOWA STATE U OF SCIENC AND TECH PHYSICS DEPT AMES IOWA
HEAT CAPACITY LAG IN HEAVY GASES, FINAL REPORT, JUN 1962
BY LEGVOLD S
OLSON J R — INSTRUMENT AF/AFOSR /0087/61
PROJ/TASK 9767 01

AFOSR 2984
SERENDIPITY ASSOC LOS ANGELES CALIF
SOME PERSONALITY AND BEHAVIORAL FACTORS RELATED TO BIRTH ORDER
J APPL PSYCHOL V47 N5 PP300/303 1963
BY SMITH E E — DDC NUMBER 445113
GOODCHILDS J D — INSTRUMENT AF 49<638>01000
PROJ/TASK 9779 01

AFOSR 3150
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
PERIODIC MOTIONS IN BANACH SPACE AND APPLICATIONS TO FUNCTIONAL DIFFERENTIAL EQUATIONS
CONTRIBUTIONS TO DIFFERENTIAL EQUATIONS NEW YORK
INTERSCIENCE PUBLISHERS VIII N1 PP75/106 1964
BY JONES G S — DDC NUMBER 444260
INSTRUMENT AF 49<638>00382
PROJ/TASK 9749 01

AFOSR 3223
STANFORD RESEARCH INST MENLO PARK CALIF
A CONCEPTUAL FRAMEWORK FOR THE / AUGMENTATION OF MANS INTELLECT
VISTAS IN INFORMATION HANDLING THE AUGMENTATION OF MANS INTELLECT BY MACHINE HONERTON - WEEKS EDITORS SPARTAN BOOKS V1 P29 1963
BY ENGELBART D C
INSTRUMENT AF 49<638>01024
PROJ/TASK 9769 01

AFOSR 3260
RICE U HOUSTON TEX
HOLOMORHIC FUNCTIONS, OF ARBITRARILY SLOW GROWTH, WITHOUT RADIAL LIMITS
MICHIGAN MATH J V9 PP21/24 1962
BY MACLANE G R
INSTRUMENT AF 49<638>00205
PROJ/TASK 9749 02

AFOSR 3327
CONNECTICUT U STORRS
ON THE APPROXIMATION OF LP FUNCTIONS BY TRIGONOMETRIC POLYNOMIALS
FUND MATH V53 PP121/134 1964
BY GOSSELIN R P — DDC NUMBER 446536
INSTRUMENT AF 49<638>00608
PROJ/TASK 9749 02

AFOSR 3342
CARNEGIE INST OF TECH PITTSBURGH PA
BOUNDS FOR THE SOLUTIONS OF A CLASS OF NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS
PROC AM MATH SOC V14 N5 PP829/836 OCT 1963
BY NEHARI Z — DDC NUMBER 447673
INSTRUMENT AF/AFOSR /0414/62
PROJ/TASK 9749 02

AFOSR 3424
SYRACUSE U N Y
A VERY HIGH TEMPERATURE INFRARED CELL FOR PURE LIQUIDS OR SOLUTIONS
APPL OPTICS V1 PP493/495 JUL 1962
BY FISHMAN E
INSTRUMENT AF 49<638>00003
PROJ/TASK 9760

AFOSR 3473
STANFORD U CALIF
CHEMICAL APPLICATIONS OF NUCLEAR MAGNETIC RESONANCE, FINAL REPORT, 1962
BY OGG R A — DDC NUMBER 603735
SKOOG — INSTRUMENT AF 49<638>00286
PROJ/TASK 9763

AFOSR 4124
ROCHESTER U N Y
THE HE3&HE3 PLUS HE4& RATIO IN PRIMARY COSMIC RADIATION
J GEOPHYS RES V67 PP1289/1293 APR 1962
BY APPA RAO M V K
INSTRUMENT AF 49<638>00303
PROJ/TASK 9751 04

AFOSR 4472
NORTH CAROLINA U CHAPEL HILL
DISLOCATION IMPURITY INTERACTIONS AND STRAIN AGING IN AGC1
J APPL PHYS V34 N7 PP1953/1957 JUL 63
BY KABLER M N
MILLER M G — INSTRUMENT AF 49<638>00865
SLIFKIN L M — PROJ/TASK 9761 03

AFOSR 4502
BROOKLYN POLYTECHNIC INST NEW YORK NY
THE RESPONSE OF AN AUTOMATIC PHASE CONTROL SYSTEM TO FM SIGNALS AND NOISE
PROC IEEE V51 N10 PP1306/1316 OCT 1963
BY SCHILLING D L
INSTRUMENT AF/AFOSR /0295/62
PROJ/TASK 4751

AFOSR 4585
HEBREW U JERUSALEM ISRAEL
A MEASURE OF ASYMMETRY FOR PLANE CONVEX SETS
J LONDON MATH SOC V39 PP95/102 1964
BY GRUNBAUM B
INSTRUMENT AF 61<052>00187
PROJ/TASK 9749 02

AFOSR 4693
PRINCETON U N J
RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABILITY, FINAL REPORT, 30 APR 1963
BY WAESCHE R H W
WENOGRAD J — INSTRUMENT AF/AFOSR /0460/62
SUMMERFIELD M — PROJ/TASK 3814

AFOSR 4819
JOHNS HOPKINS U BALTIMORE MD
ON THE ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF A DIFFERENTIAL EQUATION IN BOUNDARY LAYER THEORY
Z ANGEW MATH MECH V44 N3 PP123/128 1964
BY HARTMAN P — DDC NUMBER 446901
INSTRUMENT AF/AFOSR /0045/62
PROJ/TASK 9749 02

AFOSR 5367
CALIFORNIA INST OF TECH ELECTRICAL ENG DEPT PASADENA CALIF
ON THE DOPPLER EFFECT IN A MEDIUM
SUPPLEMENTARY TECHNICAL REPORT NO 29 DEC 1963
BY LEE K S H
INSTRUMENT AF/AFOSR /0070/63
PROJ/TASK 9768 01

AFOSR 5495
ARMY RESEARCH OFFICE DURHAM N C
EFFECTS OF ELECTRON / SURFACE INTERACTION IN IONIZATION GAUGES
TRANS NAT VACUUM SYMP 10TH BOSTON MASS 16/18 OCT 1963
BANCROFT G H ED MACMILLAN CO PP223/227 1963
BY SCHUEMANN W C
DESEGOVIA J L — INSTRUMENT DA /36/039/AMC/02208
ALPERT D — PROJ/TASK 4751

AFOSR 64 0075
TORONTO U ONTARIO CANADA
A DIGITAL COMPUTER PROGRAM FOR CALCULATING NONEQUILIBRIUM EXPANSION FLOWS OF DISSOCIATED OXYGEN AND IONIZED ARGON AROUND A CORNER
BY GALIPEAU J
TAKANO A — INSTRUMENT AF/AFOSR /0365/63
PROJ/TASK 9783 01

AFOSR 64 0803
CALIFORNIA INST OF TECH PASADENA
MICROWAVE INTERACTION WITH BOUNDED GYROELECTRIC PLASMAS
BY NAGELBERG E R — DDC NUMBER 437672
INSTRUMENT AF 49<638>01266
PROJ/TASK 9768 01

AFOSR 64 0804
CALIFORNIA INST OF TECH PASADENA
ON THE THEORY OF NOISE LIKE ELECTROMAGNETIC FIELDS OF ARBITRARY SPECTRAL WIDTH
BY JACOBSON A D — DDC NUMBER 600454
INSTRUMENT AF 49<638>01266
PROJ/TASK 9768 01

AFOSR 64 0848
CALIFORNIA INST OF TECH PASADENA
NON EQUILIBRIUM ELECTRICAL CONDUCTIVITY IN A SEEDED PLASMA
BY ZUKOSKI E E — DDC NUMBER 602683
COOL T A — INSTRUMENT AF 49<638>01285
GIBSON E G — PROJ/TASK 9752 01

AFOSR 64 0860
GIANNINI CONTROLS CORP MALVERN PA
SEPARATED FLOW IN CURVED CHANNELS WITH SECONDARY INJECTION
BY CURTISS H A — DDC NUMBER 602487
FEIL O G — INSTRUMENT AF 49<638>01218
LIQUORNIK D J — PROJ/TASK 9781 01

AFOSR 64 0861
GENERAL ELECTRIC CO PHILADELPHIA PA
ON THE STABILITY OF THE EQUILIBRIUM SOLUTIONS OF THE PLANE RESTRICTED THREE BODY PROBLEM IN THE SENSE OF LIAPOUNOV, FINAL REPORT, APR 1964
BY MOSKOWITZ S E
INSTRUMENT AF 49<638>00814
PROJ/TASK 9749 01

AFOSR 64 0886
FLORIDA U GAINESVILLE
RESPONSE OF A NONLINEAR BEAM TO RANDOM EXCITATION
BY HERBERT R E — DDC NUMBER 444475
INSTRUMENT AF/AFOSR /0313/62
PROJ/TASK 9782 01

AFOSR 64 0887
FLORIDA U GAINESVILLE
RANDOM VIBRATIONS OF NONLINEAR ELASTIC STRUCTURES
BY HERBERT R E — DDC NUMBER 602488
INSTRUMENT AF/AFOSR /0313/62
PROJ/TASK 9782 01

AFOSR 64 0899
PRINCETON U N J
THE COMBINATORY INTEGRAL TRANSFORM AND ITS APPLICATION TO HEUNS EQUATION
BY CHIU H H — DDC NUMBER 606090
CHENG S I — INSTRUMENT AF 49<638>01271
PROJ/TASK 9781 01

AFOSR 64 0938
TUFTS U MEDFORD MASS
THE EFFECTS OF DISPLACED EARS ON AUDITORY LOCALIZATION
BY FREEDMAN S J — DDC NUMBER 604569
STAMPFER K — INSTRUMENT AF 49<638>01282
PROJ/TASK 9778 01

AFOSR 64 0991
GIANNINI CONTROLS CORP BERWYN PA
THE EFFECT OF ELASTICITY ON THE STABILITY OF MANNED ROTATING SPACE STATIONS
BY FRUEH D J — DDC NUMBER 602486
MILLER J M — INSTRUMENT AF 49<638>01015
PROJ/TASK 9782 01

AFOSR 64 1000
NORTHROP CORP HAWTHORNE CALIF
PLASMA PROPERTIES BY MOMENTUM CHANGE, FINAL REPORT, MAY 1964
BY LENN P D
WARD D L — INSTRUMENT AF 49<638>01160
PROJ/TASK 9752 01

AFOSR 64 1001
JOHNS HOPKINS U BALTIMORE MD
ANALOG COMPUTER RESEARCH INTO THE ENERGY/EXCHANGE BETWEEN GASES AND SOLIDS
BY ROGERS M — DDC NUMBER 605401
INSTRUMENT AF 49<638>00496
PROJ/TASK 9783 02

AFOSR 64 1002
STANFORD U CALIF
LINEARIZED THEORY OF TWO/DIMENSIONAL RADIATING GAS FLOW BY A MOMENT METHOD
BY CHENG P — DDC NUMBER 602684
INSTRUMENT AF 49<638>01280
PROJ/TASK 9781 01

AFOSR 64 1004
PENNSYLVANIA STATE U UNIVERSITY PARK
DIRECT OBSERVATIONS OF FATIGUE INDUCED DEFORMATION FAULTING IN THIN FOIL STAINLESS STEEL, FINAL REPORT, MAY 1964
BY MURR L E — DDC NUMBER 602797
SMITH P J — INSTRUMENT AF/AFOSR /0165/63
PROJ/TASK 9782 02

AFOSR 64 1005
NEW YORK U NEW YORK
CONTROL SYSTEMS, FINAL REPORT, JUNE 64
BY CHANG S S L — DDC NUMBER 602685
RAGAZZINI J — INSTRUMENT AF/AFOSR /0321/62
PROJ/TASK 9749 01

AFOSR 64 1037
STANFORD U CALIF
BUCKLING OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS AT STRESSES SMALLER THAN THE CLASSICAL CRITICAL VALUE
BY HOFF N J
REHFIELD L W — INSTRUMENT AF 49<638>01276
PROJ/TASK 9782 01

AFOSR 64 1038
FLORIDA U GAINESVILLE
ON THE STRESSES IN A NONLINEAR BEAM SUBJECT TO RANDOM EXCITATION
BY HERBERT R E
INSTRUMENT AF/AFOSR /0313/62
PROJ/TASK 9782 01

AFOSR 64 1039
BROOKLYN POLYTECHNIC INST NEW YORK NY
A FURTHER NOTE ON THE CREEP ANALYSIS OF ANNULAR PLATES
BY VENKATRAMAN B — DDC NUMBER 604467
PATEL S A — INSTRUMENT AF 49<638>01360
BIRNBAUM M R — PROJ/TASK 9782 01

AFOSR 64 1055
MASSACHUSETTS INST OF TECH CAMBRIDGE
THE CALCULATION OF TWO / AND THREE / DIMENSIONAL INVISCID UNSTEADY FLOWS BY THE METHOD OF CHARACTERISTICS, FINAL REPORT, JUN 1964
BY SAUERWEIN H JR — DDC NUMBER 605324
INSTRUMENT AF/AFOSR /0156/64
PROJ/TASK 9781 02

AFOSR 64 1056
STANFORD U CALIF
A UNIFORMLY VALID SOLUTION FOR THE FLOW OVER AN ICLINED CONE USING THE METHOD OF MATCHED ASYMPTOTIC EXPANSIONS
BY MUNSON A G
INSTRUMENT AF 49<638>01274
PROJ/TASK 9781 01

AFOSR 64 1057
MASSACHUSETTS INST OF TECH CAMBRIDGE
THE SPECTRUM OF RANDOM VIBRATION OF A NONLINEAR OSCILLATOR SUPPLEMENTRY TECHNICAL REPORT JUN 1964
BY CRANDALL S H — DDC NUMBER 604047
INSTRUMENT AF 49<638>01314
PROJ/TASK 9782 01

AFOSR 64 1058
CATHOLIC U OF LOUVAIN BELGIUM
TABLES OF BESSEL FUNCTIONS OF IMAGINARY ORDER
BY BUCKENS F — DDC NUMBER 602755
INSTRUMENT AF/EOAR /0049/63
PROJ/TASK 9782 01

AFOSR 64 1113
BROWN U PROVIDENCE R I
A GENERAL SOLUTION OF THE HOPF CHARACTERISTIC FUNCTIONAL EQUATION FOR TURBULENCE
BY HOSOKAWA I — DDC NUMBER 667666 — INSTRUMENT AF 69(638)01295 — PROJ/TASK 9783 02

AFOSR 64 1138
CORNELL U ITHACA N Y
HIGH SPEED AERODYNAMICS WITH REAL GAS EFFECTS, FINAL REPORT JUN 1964
BY SPARS W R — INSTRUMENT AF/AFOSR /0.01/62 — PROJ/TASK 9783 02

AFOSR 64 1139
VON KARMAN INST BRUSSELS BELGIUM
A POSSIBLE COMPROMISE BETWEEN ROCKET AND ATMOSPHERIC BRAKING
BY MOULIN L — DDC NUMBER 602391 — INSTRUMENT AF/EOAR /0089/63 — PROJ/TASK 9769 01

AFOSR 64 1140
VON KARMAN INST BRUSSELS BELGIUM
APPROXIMATE ANALYSIS OF OPTIMUM LOW THRUST TRANSFER BETWEEN COPLANAR HYPERBOLIC ORBITS
BY MOULIN L — DDC NUMBER 602390 — INSTRUMENT AF/EOAR /0039/63 — PROJ/TASK 9769 01

AFOSR 64 1141
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
RESEARCH IN OPTICAL COHERENCE AND NONLINEAR ESTIMATION THEORY
BY YOUNG G O — INSTRUMENT AF/AFOSR /0180/63
GIESE C — PROJ/TASK 9768 02
MACMILLAN R S

AFOSR 64 1142
CALIFORNIA U BERKELEY
PLASMA HEATING BY INJECTION OF CHARGED PARTICLES
BY HASEGAWA A — INSTRUMENT AF/AFOSR /0139/63
BIRDSALL C K — PROJ/TASK 4751

AFOSR 64 1143
CALIFORNIA INST OF TECH PASADENA
STUDIES ON OPTICAL SCATTERING AS A TECHNIQUE FOR PLASMA DIAGNOSTICS
BY SCHWARZ S E — DDC NUMBER 603738 — INSTRUMENT AF 69(638)01322 — PROJ/TASK 9768 02

AFOSR 64 1144
MCMASTER U HAMILTON ONTARIO CANADA
SOME NEW NEUTRON SEPARATION ENERGIES FOR ISOTOPES OF HG, TL, PB, AND BI
CAN J PHYS V42 PP926/936 MAY 1964
BY MCLATCHIE W — DDC NUMBER 642829
BARRER R C — INSTRUMENT AF/AFOSR /0159/63
BISHOP R L — PROJ/TASK 9751 02
DUCKWORTH H E
HOGG P G
MACDOUGALL J D
VAN ROOKHUYZEN P

AFOSR 64 1145
FLORIDA STATE U TALLAHASSEE
EXCITATION OF ISOBARIC ANALOG STATES IN 89Y AND 90ZR
PHYS REV LETTERS V12 N8 PP198/200 24 FEB 64
DDC NUMBER 642829
BY FOX J D
MOORE C F — INSTRUMENT AF/AFOSR /0660/63
ROBSON D — PROJ/TASK 9751 02

AFOSR 64 1146
FLORIDA STATE U TALLAHASSEE
ELASTIC SCATTERING OF ALPHA PARTICLES BY C12 IN THE BOMBARDING ENERGY RANGE 10 TO 19 MEV
PHYS REV V133 N6B PPB1621/B1633 23 MAR 64
DDC NUMBER 642824
BY CARTER E B
MITCHELL G E — INSTRUMENT AF/AFOSR /0660/63
DAVIS R H — PROJ/TASK 9751 02

AFOSR 64 1147
FLORIDA STATE U TALLAHASSEE
INELASTIC SCATTERING OF 6/TO 19/MEV ALPHA PARTICLES FROM CARBON
PHYS REV V133 N6B PPB1634/B1645 23 MAR 64
BY MITCHELL G E — DDC NUMBER 642829
CARTER E B — INSTRUMENT AF/AFOSR /0660/63
DAVIS R H — PROJ/TASK 9751 02

AFOSR 64 1148
CHICAGO U ILL
MAGNETOSPHERIC CUTOFF FOR 1.5/MEV EXTRATERRESTRIAL PROTONS
PHYS REV LETTERS V12 N11 PP269/271 16 MAR 64
BY FAN C Y — DDC NUMBER 642831
SIMPSON J A — INSTRUMENT AF/AFOSR /0023/62
STONE E C — PROJ/TASK 9774 02

AFOSR 64 1149
STANFORD U CALIF
OBSERVATIONAL BASIS OF MACHS PRINCIPLE
REV MOD PHYS V36 N2 PP910/911 APR 64
BY SCHIFF L I — DDC NUMBER 642816 — INSTRUMENT AF/AFOSR /0452/62 — PROJ/TASK 9751 01

AFOSR 64 1150
CAMBRIDGE U ENGLAND
POLES AND SHADOW POLES IN THE MANY CHANNEL S MATRIX
PHYS REV V133 N6B PPB1579/B1580 23 MAR 64
BY EDEN R J — DDC NUMBER 642863
TAYLOR J R — INSTRUMENT AF/EOAR /0079/63 — PROJ/TASK 9751 01

AFOSR 64 1151
LONDON U IMPERIAL COLL OF SCIENCE AND TECH ENGLAND
A REMARKABLE REPRESENTATION OF THE GRAV AND ELECTROMAGNETIC LAGRANGIAN
PHYS LETTERS V8 N5 PP357/358 1 MAR 64
BY MATTHEWS P T — DDC NUMBER 642585
SALAM A — INSTRUMENT AF/EOAR /0087/62 — PROJ/TASK 9751 01

AFOSR 64 1152
HARVARD U CAMBRIDGE MASS
NON ABELIAN VECTOR GAUGE FIELDS AND THE ELECTROMAGNETIC FIELD
REV MOD PHYS V36 N2 PP609/613 APR 64
BY SCHWINGER J — DDC NUMBER 642785 — INSTRUMENT AF 69(638)00589 — PROJ/TASK 9751 01

AFOSR 64 1153
STANFORD U CALIF
APPROXIMATE SOLUTION TO THE NED EQUATIONS
PHYS REV LETTERS V12 N12 PP365/368 23 MAR 64
BY SHAW G L — DDC NUMBER 642786 — INSTRUMENT AF/AFOSR /0652/62 — PROJ/TASK 9751 01

AFOSR 64 1154
STANFORD U CALIF
ELECTRO PRODUCTION OF PIONS FROM NUCLEI
NUCL PHYS V51 PP312/320 1964
BY CZYZ W — DDC NUMBER 642830
WALECKA J D — INSTRUMENT AF/AFOSR /0652/62 — PROJ/TASK 9751 01

AFOSR 64 1155
LONDON U IMPERIAL COLL OF SCIENCE AND TECH ENGLAND
REGGE POLE THEORY OF THE PHOTOPRODUCTION OF PIONS
NUOVO CIMENTO SERE V31 PP1025/1036 1 MAR 64
BY DOMBEY N — DDC NUMBER 642842 — INSTRUMENT AF/EOAR /0087/62 — PROJ/TASK 9751 01

AFOSR 64 1156
BRANDEIS U WALTHAM MASS
CONDITIONS FOR FLATNESS IN GENERAL RELATIVITY
ANN PHYS V23 N2 PP318/329 AUG 63
BY ARNOWITT R — DDC NUMBER 642801
DESER S — INSTRUMENT AF/AFOSR /0368/63 — PROJ/TASK 9751 01

AFOSR 64 1157
CALIFORNIA U SANTA BARBARA
INTERNATIONALISM ISOLATIONISM, STRATEGY OF THE OTHER PLAYER AND THE PERSON GAME BEHAVIOR
J ABNORMAL SOCIAL PSYCHOL V67 N6 PP631/636 1963
BY MCCLINTOCK C G — DDC NUMBER 642832
HARRISON A A — INSTRUMENT AF 69(638)00796
STRAND S — PROJ/TASK 9778 02
GALLO P

AFOSR 64 1158
HEBREW U JERUSALEM ISRAEL
A STUDY OF NEW FARMERS IN ISRAEL
SOCIOL RURALIS V4 N1 PP1/51 1964
BY WEINTRAUB D — DDC NUMBER 642780 — INSTRUMENT AF/EOAR /0078/63 — PROJ/TASK 9778 02

AFOSR 64 1159
PEACE RESEARCH INST WASHINGTON D C
COMPARISON OF TIME ERROR PHENOMENA IN DIFFERENT SENSE MODALITIES
PSYCHOLOGIA V6 N4 PP207/214 DEC 1963
BY INOMATA S — DDC NUMBER 642840 — INSTRUMENT AF/AFOSR /0455/62 — PROJ/TASK 9779 02

AFOSR 64 1160
CAMBRIDGE U ENGLAND
CONTOUR DISCRIMINATION IN A YOUNG MONKEY WITH STRIATE CORTEX ABLATION
NEUROPSYCHOLOGIA V1 PP165/184 1963
BY WEISKRANTZ L — DDC NUMBER 642839 — INSTRUMENT AF/EOAR /0020/62 — PROJ/TASK 9778 01

AFOSR 64 1161
BOLT BERANEK AND NEWMAN INC CAMBRIDGE MASS
EXPERIMENTAL PROCEDURES AFFECTING EVOKED RESPONSES RECORDED FROM AUDITORY CORTEX
ELECTROENCEPHALOG CLIN NEUROPHYSIOL V15 PP947/957 1963
BY NEFF W D — DDC NUMBER 642798
GEREEN G W — INSTRUMENT AF 69(638)01162 — PROJ/TASK 9778 01

AFOSR 64 1162
ILLINOIS U URBANA
MEDIATION AND FORGETTING
PSYCHOLOGICAL REPTS V14 PP591/600 1964
BY ADAMS J A — DDC NUMBER 642845 — INSTRUMENT AF/AFOSR /0135/63 — PROJ/TASK 9778 01

AFOSR 64 1163
WASHINGTON STATE U PULLMAN
SHORT TERM RETENTION AS A FUNCTION OF RECALL POINT CODING
PSYCHOLOGICAL REPTS V14 PP792/794 1964
BY LLOYD K E — DDC NUMBER 642834 — INSTRUMENT AF/AFOSR /0256/63 — PROJ/TASK 9778 01

AFOSR 64 1164
MICHIGAN U ANN ARBOR MICH
PERCEPTUAL MOTOR SKILL LEARNING
CATEGORIES HUMAN LEARNING PP243/286 1964
BY FITTS P M — DDC NUMBER 642821 — INSTRUMENT AF 69(638)00669 — PROJ/TASK 9778 01

AFOSR 64 1166
CALIFORNIA U SANTA BARBARA
GROUP SUPPORT AND THE BEHAVIOR OF LEADERS AND NON LEADERS
J ABNORMAL SOCIAL PSYCHOL V67 N2 PP105/113 1963
BY MCCLINTOCK C G
DDC NUMBER 442833
INSTRUMENT AF 49<638>00794
PROJ/TASK 9778 02

AFOSR 64 1167
GOTEBORG U SWEDEN
ANALYSIS OF THE MAGNESIUM ATP DEPENDENT STORAGE MECHANISM IN THE AMINE GRANULES OF THE ADRENAL MEDULLA
ACTA PHYSIOL SCAND SUPPL215 V59 PP5/38 1963
BY CARLSSON A
HILLARP N
WALDECK B
DDC NUMBER 442786
INSTRUMENT AF/EOAR /0014/63
PROJ/TASK 9777 01

AFOSR 64 1168
LONDON U ENGLAND
EQUIPMENT FOR DETECTING ANIMAL ULTRASOUND
ULTRASONICS V2 PP23/28 JAN/MAR 64
BY PYE J D
FLINN M
DDC NUMBER 442787
INSTRUMENT AF/EOAR /0030/63
PROJ/TASK 9777 01

AFOSR 64 1169
GOTEBORG U SWEDEN
EFFECT OF CHLORPROMAZINE OR HALOPERIDOL ON FORMATION OF 3/ METHOXYTYRAMINE AND NORMETANEPHRINE IN MOUSE BRAIN
ACTA PHARMACOL TOXICOL V20 PP140/144 1963
BY CARLSSON A
LINDQVIST M
DDC NUMBER 442788
INSTRUMENT AF/EOAR /0014/63
PROJ/TASK 9777 01

AFOSR 64 1170
KAROLINSKA INST STOCKHOLM SWEDEN
NEUROPHYSIOLOGICAL ASPECTS OF HOMEOSTASIS
ANN REV PHYSIOL V26 PP271/288 1964
BY SODERBERG U
DDC NUMBER 442789
INSTRUMENT AF 61<052>00119
PROJ/TASK 9777 01

AFOSR 64 1171
WESTERN RESERVE U CLEVELAND OHIO
IN VITRO STUDIES ON THE SECRETION AND BIOSYNTHESIS OF VASOPRESSIN
FEDERATION AM SOC EXP BIOL PROC V23 N2 MAR/APR 64
BY HALLER E
TAKARATAKE Y
SACHS H
INSTRUMENT AF/AFOSR /0408/63
PROJ/TASK 9777 01

AFOSR 64 1172
CENTRE NATIONAL DE LA RECHERCHE SCIENT
BIOLOGY DEPT PARIS FRANCE
EFFECTS OF CHANGES IN PARTIAL PRESSURE OF CARBON DIOXIDE AND PARTIAL PRESSURE OF OXYGEN ON RHYTHMIC POTENTIALS FROM GIANT NEURONS
ANN NY ACAD SCI V109 PP451/479 24 JUN 63
BY CHALAZONITIS N
DDC NUMBER 442586
INSTRUMENT AF/EOAR /0030/61
PROJ/TASK 9777 01

AFOSR 64 1173
GOTEBORG U SWEDEN
THE LOCALIZATION OF ADRENALINE IN ADRENERGIC NERVES IN THE FROG
QUART J EXP PHYSIOL V48 PP253/257 1963
BY FALCK B
HAGGENDAL J
OWMAN C
DDC NUMBER 442989
INSTRUMENT AF/EOAR /0044/61
PROJ/TASK 9777 01

AFOSR 64 1174
SAO PAULO U BRAZIL
AORTIC DEPRESSOR FIBERS IN THE RAT / AN ELECTROPHYSIOLOGICAL STUDY
AM J PHYSIOL V205 N4 PP771/774 OCT 63
BY KRIEGER E M
MARSEILLAN R F
DDC NUMBER 442990
INSTRUMENT AF/AFOSR /0060/61
PROJ/TASK 9777 01

AFOSR 64 1175
KAROLINSKA INST STOCKHOLM SWEDEN
A CRYSTALLOGRAPHIC STUDY OF VERTEBRATE OTOLITHS
BIOL BULL V125 N3 PP441/463 DEC 63
BY CARLSTROM D
DDC NUMBER 442991
INSTRUMENT AF/EOAR /0011/62
PROJ/TASK 9777 01

AFOSR 64 1176
GALWAY U COLL IRELAND
BILIPROTEINS OF CRYPTOMONAD ALGAE
PROC ROY IRISH ACAD V63 SECT B N10 PP191/200 JAN 64
BY OHEOCHA C
OCARRA P
MITCHELL D
DDC NUMBER 442835
INSTRUMENT AF/AFOSR /0038/62
PROJ/TASK 9777 01

AFOSR 64 1177
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
THE RELATION OF THE ADENOSINE 5 PRIME TRIPHOSPHATE ADENOSINE 5 PRIME DIPHOSPHATE EXCHANGE ACTIVITY TO PHOTOPHOSPHORYLATION IN SWISS CHARD CHLOROPLASTS
BIOCHIM BIOPHYS ACTA V82 PP67/73 1964
BY BEN/YEHOSHUA S
AVRON M
DDC NUMBER 442836
INSTRUMENT AF/EOAR /0059/62
PROJ/TASK 9777 01

AFOSR 64 1178
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
A COUPLING FACTOR IN PHOTOPHOSPHORYLATION
COLLOQ INTERN CENTRE NATL RECH SCI 23/27 JULY 1962 GIF/SUR/ YVETTE ET SACLAY FRANCE N119 PP543/555 1963
BY AVRON M
DDC NUMBER 442795
INSTRUMENT AF/EOAR /0059/62
PROJ/TASK 9777 01

AFOSR 64 1179
SIENA U ITALY
EFFECTS OF PRESSO AND CHEMOCEPTIVE COMPONENTS OF THE CATS AORTIC NERVE ON SHAM RAGE BEHAVIOUR
EXPERIENTIA V19 PP534/536 15 OCT 1963
BY BACCELLI G
GUAZZI M
LIRETTI A
ZANCHETTI A
DDC NUMBER 442837
INSTRUMENT AF 61<052>00253
PROJ/TASK 9777 01

AFOSR 64 1180
BRUSSELS FREE U BELGIUM
DATA ON THE CONTROL OF GENETIC REPLICATION IN TEMPERATE BACTERIOPHAGES
PROC INTERN CONGR GENET 11TH V1 SEP 1963
BY THOMAS R
INSTRUMENT AF/EOAR /0010/64
PROJ/TASK 9777 01

AFOSR 64 1181
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
A COUPLING FACTOR IN PHOTOPHOSPHORYLATION
BIOCHIM BIOPHYSACTA V77 PP699/702 1963
BY AVRON M
DDC NUMBER 442992
INSTRUMENT AF/EOAR /0059/62
PROJ/TASK 9777 01

AFOSR 64 1183
LEICESTER U ENGLAND
THE UTILIZATION OF ITACONATE BY PSEUDOMONAS SP.
BIOCHEM J V91 PP82/91 1964
BY COOPER R A
KORNBERG H L
DDC NUMBER 442994
INSTRUMENT AF/EOAR /0077/62
PROJ/TASK 9777 01

AFOSR 64 1184
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
A SENSITIVE AND SIMPLE METHOD FOR DETERMINATION OF FERROCYANIDE
ANAL BIOCHEM V6 N6 PP549/554 DEC 63
BY AVRON M
SHAVIT N
DDC NUMBER 442822
INSTRUMENT AF/EOAR /0059/62
PROJ/TASK 9777 01

AFOSR 64 1185
WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL
ON THE COUPLING OF PHOTOPHOSPHORYLATION TO ELECTRON TRANSPORT
NAS/NRC SYMP ON PHOTOSYNTHESIS MECHANISMS IN GREEN PLANTS
NAS PUB NO 1145 P611 618 1963
BY AVRON M
SHAVIT N
DDC NUMBER 442791
INSTRUMENT AF/EOAR /0059/62
PROJ/TASK 9777 01

AFOSR 64 1186
GOTEBORG U SWEDEN
EFFECTS OF SOME PHARMACOLOGICALLY ACTIVE AMINES ON THE UPTAKE OF ARYLALKYLAMINES BY ADRENAL MEDULLARY GRANULES
ACTA PHYSIOL SCAND V60 PP136/140 1964
BY JONASSON J
ROSENGREN E
WALDECK B
DDC NUMBER 442790
INSTRUMENT AF/EOAR /0014/63
PROJ/TASK 9777 01

AFOSR 64 1187
GOTEBORG U SWEDEN
EVIDENCE OF DOPAMINE CONTAINING NEURONS IN THE RETINA OF RABBITS
ACTA PHYSIOL SCAND V59 PP295/296 1963
BY HAGGENDAL J
MALMFORS T
DDC NUMBER 442792
INSTRUMENT AF/EOAR /0014/63
PROJ/TASK 9777 01

AFOSR 64 1188
UPPSALA U SWEDEN
BIOPHYSICAL ASPECTS OF WATER TRANSPORT IN CELLS AND TISSUES
SWEDISH CANCER SOCIETY YEARBOOK STOCKHOLM V3 PP231/234 1963
BY TEORELL T
DDC NUMBER 442995
INSTRUMENT AF/EOAR /0005/63
PROJ/TASK 9777 01

AFOSR 64 1189
SHEFFIELD U ENGLAND
CARBON ASSIMILATION BY PSEUDOMONAS OXALATICUS /OX 1/.7. DECARBOXYLATION OF OXALYL/COENZYME A TO FORMYL COENZYME A
BIOCHEM J V89 PP492/503 1963
BY QUAYLE J R
DDC NUMBER 442996
INSTRUMENT AF/EOAR /0045/62
PROJ/TASK 9777 01

AFOSR 64 1190
OXFORD U ENGLAND
A CONVENIENT PREPARATION OF L HOMOCYSTINE FROM L METHIONINE
J CHEM SOC PP869/870 FEB 64
BY HOPE D B
HUMPHRIES J F
DDC NUMBER 442997
INSTRUMENT AF/EOAR /0080/62
PROJ/TASK 9777 01

AFOSR 64 1191
BRUSSELS FREE U BELGIUM
FUNCTIONAL DETAILS OF THE EFFERENT COCHLEAR INHIBITION IN THE PIGEON < FRENCH >
ARCH INTERN PHYSIOL BIOCHIM V72 N2 PP3/8 1964
BY DESMEDT J F
DELWAIDE P J
DDC NUMBER 442794
INSTRUMENT AF/EOAR /0043/64
PROJ/TASK 9777 01

AFOSR 64 1192
FLORIDA STATE U TALLAHASSEE
RESEARCH IN PHOTOBIOLOGY AND PHOTOCHEMISTRY. FINAL REPORT. JUN 1964
BY GAFFRON H
DDC NUMBER 602756
INSTRUMENT AF/AFOSR /0190/62
PROJ/TASK 9777 01

AFOSR 64 1196
GENOA U ITALY
VISUAL CORTICAL RESPONSES EVOKED BY STIMULATING LATERAL GENICULATE BODY AND OPTIC RADIATIONS IN AWAKE AND SLEEPING CATS
EXP NEUROL V9 N1 PP17/30 JAN 64
BY PALESTINI M
PISANO M
ROSADINI G
ROSSI G F
DDC NUMBER 442838
INSTRUMENT AF/EOAR /0106/62
PROJ/TASK 9777 01

AFOSR 64 1197
CALIFORNIA U BERKELEY
THE PROBLEM OF IDENTIFICATION OF DISCRETE TIME PROCESSES
BY GALTIERI C A
DDC NUMBER 603739
INSTRUMENT AF/AFOSR /0292/63
PROJ/TASK 9749 01

AFOSR 64 1198
MASSACHUSETTS INST OF TECH CAMBRIDGE
CROSS FIELD MAGNETOABSORPTION IN SEMICONDUCTORS
PHYS REV LETTERS V12 N17 PP471/473 27 APR 64
BY VREHEN Q H F
LAX B
DDC NUMBER 443007
INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1199
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
EUROPIUM ORTHOSILICATE, A NEW TRANSPARENT FERROMAGNET
PHYS REV LETTERS V11 N6 PP251 252 15 SEP 63
BY SHAFER M W
MCGUIRE T R
SUITS J C
DDC NUMBER 443008
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1200
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
NUCLEAR MAGNETIC RESONANCE OF GD155 AND GD157 IN THE CUBIC FERROMAGNET GDN
PHYS REV LETTERS V12 N1 PP20/21 6 JAN 64
BY BOYD E L
GAMBINO R J
DDC NUMBER 443009
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1201
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
APPLICATION OF SPIN/WAVE THEORY TO EUS
PHYS REV V133 N3A PPA811/A818 3 FEB 64
BY CHARAP S H
BOYD E L
DDC NUMBER 443010
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1202
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
EPR OF EXCHANGE COUPLED PAIRS OF EU2 PLUS IN CAO AND SRO
J APPL PHYS V35 N3 PP989/990 MAR 64
BY CALHOUN B A
OVERMEYER J
DDC NUMBER 443011
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1203
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
SPECIFIC HEAT OF EUS
SOLID STATE COMMUN V1 N6 PP127/131 1963
BY MORUZZI V L
TEANEY D T
DDC NUMBER 443013
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1204
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
THE CUBIC FIELD SPLITTING OF THE GROUND STATE OF EU2 PLUS IN ALKALINE EARTH OXIDES
PHYS LETTERS V9 N2 PP108/109 1 APR 64
BY OVERMEYER J
GAMBINO R J
DDC NUMBER 443012
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1205
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
FERROMAGNETIC EUROPIUM COMPOUNDS
J APPL PHYS V35 N3 PT2 PP984/988 MAR 1964
BY MCGUIRE T R
SHAFER M W
DDC NUMBER 443014
INSTRUMENT AF 49<638>01230
PROJ/TASK 9763 02

AFOSR 64 1207
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAEL
TIME AND FIELD EFFECTS IN THE ELECTRICAL CONDUCTION OF THIN METALLIC LAYERS AT LOW TEMPERATURES
PHYSICA V30 PP389/397 1964
BY HIRSCH A A
FRIEDMAN N
DDC NUMBER 443015
INSTRUMENT AF 61<052>00481
PROJ/TASK 9763 02

AFOSR 64 1208
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAEL
ELECTRICAL CONDUCTION OF THIN METALLIC LAYERS AT HIGH FREQUENCIES DOWN TO LIQUID HELIUM TEMPERATURES
PHYSICA V30 PP258/264 1964
BY HIRSCH A A
BAZIAN S
DDC NUMBER 443016
INSTRUMENT AF 61<052>00481
PROJ/TASK 9763 02

AFOSR 64 1209
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAEL
EFFECT OF COLD ROLLING ON MAGNETIZATION REVERSAL OF HIGH PURITY NICKEL TAPES
J APPL PHYS V35 N3 PT2 PP909/910 MAR 1964
BY HIRSCH A A
DDC NUMBER 443017
INSTRUMENT AF 61<052>00481
PROJ/TASK 9763 02

AFOSR 64 1212
PENNSYLVANIA STATE U UNIVERSITY PARK
BOMBARDMENT OF TUNGSTEN WITH 20/KEV HELIUM ATOMS IN A FIELD ION MICROSCOPE
J APPL PHYS V35 N4 PP1256/1261 APR 64
BY SINHA M K
MULLER E W
DDC NUMBER 443018
INSTRUMENT AF/AFOSR /0096/62
PROJ/TASK 9761 03

AFOSR 64 1213
CALIFORNIA U LA JOLLA
SIMPLE MODEL FOR THE SUPERCONDUCTIVITY OF LANTHANUM AND URANIUM
PHYS REV V134 N1A PPA15/A21 6 APR 64
BY KUPER C G
JENSEN M A
HAMILTON D C
DDC NUMBER 443019
INSTRUMENT AF/AFOSR /0344/62
PROJ/TASK 9763 02

AFOSR 64 1214
INSTITUTO ELETTROTECNICO NAZIONALE
TORINO ITALY
GRAPHITE DEFECTS OBSERVED BY ELECTRON MICROSCOPY
J APPL PHYS V35 N3 PT1 PP683/685 MAR 64
BY BONFIGLIOLI G
MOJONI A
DDC NUMBER 443020
INSTRUMENT AF/EOAR /0087/63
PROJ/TASK 9763 02

AFOSR 64 1215
PITTSBURGH U PA
QUESTION OF SIZE CORRECTIONS TO THE STEADY DIAMAGNETIC SUSCEPTIBILITY OF SMALL SYSTEMS
PHYS REV V134 N2A PPA336/A344 20 APR 64
BY FRIEDMAN L
DDC NUMBER 443021
INSTRUMENT AF/AFOSR /0196/63
PROJ/TASK 9761 01

AFOSR 64 1216
PITTSBURGH U PA
EFFECT OF NONUNIFORM MAGNETIZATION ON THE SPIN / WAVE SPECTRUM IN THIN FERROMAGNETIC FILMS
J APPL PHYS V35 N3 PT2 PP804/805 MAR 1964
BY DAVIES J T
DDC NUMBER 443022
INSTRUMENT AF/AFOSR /0196/63
PROJ/TASK 9761 01

AFOSR 64 1217
CALIFORNIA U LA JOLLA
SUPERCONDUCTIVITY OF THE NOBLE METALS AND ITS ALLOYS < GERMAN >
Z METALK V55 N4 PP195/199 1964
BY RAUB C
DDC NUMBER 443023
INSTRUMENT AF/AFOSR /0631/64
PROJ/TASK 9763 02

AFOSR 64 1218
CALIFORNIA U LA JOLLA
SUPERCONDUCTING HUME / ROTHERY PHASE
PHYS LETTERS V9 N2 PP100/101 1 APR 64
BY MERRIAM M F
DDC NUMBER 443024
INSTRUMENT AF/AFOSR /0631/64
PROJ/TASK 9763 02

AFOSR 64 1219
PENNSYLVANIA STATE U UNIVERSITY PARK
REFLECTION AND TRANSMISSION OF ELECTRONS THROUGH SURFACE POTENTIAL BARRIERS
SURFACE SCI V1 N2 PP194/212 APR 64
BY CUTLER P H
DAVIS J C
DDC NUMBER 442847
INSTRUMENT AF/AFOSR /0100/61
PROJ/TASK 9761 01

AFOSR 64 1220
PENNSYLVANIA STATE U UNIVERSITY PARK
THE EFFECT OF CORRELATION ON THE SURFACE POTENTIAL OF A FREE ELECTRON METAL
J PHYS CHEM SOLIDS V25 PP105/113 1964
BY LOUCKS T L
CUTLER P H
DDC NUMBER 442925
INSTRUMENT AF/AFOSR 0100/61
PROJ/TASK 9761 01

AFOSR 64 1221
PENNSYLVANIA STATE U UNIVERSITY PARK
BAND STRUCTURE AND FERMI SURFACE OF BERYLLIUM
PHYS REV V133 N3A PPA819/A829 3 FEB 64
BY LOUCKS T L
CUTLER P H
DDC NUMBER 442848
INSTRUMENT AF/AFOSR /0100/61
PROJ/TASK 9761 01

AFOSR 64 1222
UPPSALA U SWEDEN
PARALLEL FIELD MAGNETOACOUSTIC EFFECT IN ANTIMONY
SOLID STATE COMMUN V2 PP7/8 1964
BY BECKMAN O
ERIKSSON L
HORNFELDT S
DDC NUMBER 442850
INSTRUMENT AF/EOAR /0053/63
PROJ/TASK 9763 02

AFOSR 64 1223
UPPSALA U SWEDEN
DISLOCATION RELAXATION IN ALUMINUM
SOLID STATE COMMUN V1 PP234/236 1963
BY MONGY M
SALAMA K
BECKMAN O
DDC NUMBER 442851
INSTRUMENT AF/EOAR /0053/63
PROJ/TASK 9763 02

AFOSR 64 1224
MCMASTER U HAMILTON ONTARIO CANADA
THE OXIDATION KINETICS OF ZIRCONIUM IN THE TEMPERATURE RANGE 400 DEGREES / 600 DEGREES C
J ELECTROCHEM SOC V111 N5 PP564/568 MAY 1964
BY HUSSEY R J
SMELTZER W W
DDC NUMBER 442802
INSTRUMENT AF/AFOSR /0515/64
PROJ/TASK 9763 01

AFOSR 64 1225
PENNSYLVANIA STATE U UNIVERSITY PARK
HIGH TEMPERATURE TRANSITIONS IN RARE EARTH NIOBATES AND TANTALATES
J AM CERAM SOC V47 N2 PP55/58 FEB 64
BY STUBICAN V S
INSTRUMENT AF/AFOSR /0208/63
PROJ/TASK 9761 02

AFOSR 64 1226
MASSACHUSETTS INST OF TECH CAMBRIDGE
QUANTUM THEORY OF INTERBAND FARADAY AND VOIGT EFFECTS
PHYS REV V134 N1A PPA140/A153 6 APR 64
BY HALPERN J
LAX B
NISHINA Y
DDC NUMBER 442811
INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1227
MCMASTER U HAMILTON ONTARIO CANADA
THE PARABOLIC OXIDATION KINETICS OF ALPHA ZIRCONIUM AT 850 DEGREES C
ACTA MET V12 PP409/415 APR 64
BY WALLWORK G R — DDC NUMBER 442817
SMELTZER W W — INSTRUMENT AF/AFOSR /0108/61
ROSA C J — PROJ/TASK 9763 01

AFOSR 64 1229
MCMASTER U HAMILTON ONTARIO CANADA
THE EVAPORATION OF IRON CHROMIUM ALLOYS CONTAINING 5 AND 25 PER CENT CHROMIUM IN THE TEMPERATURE RANGE 900 DEGREES/ 1080 DEGREES C
J ELECTROCHEM SOC V110 N9 PP997/1001 SEP 63
BY MORRIS L A — DDC NUMBER 442854
SMELTZER W W — INSTRUMENT AF/AFOSR /0108/61
PROJ/TASK 9763 01

AFOSR 64 1230
ARIZONA STATE U TEMPE
OXYGEN VACANCIES AND ELECTRICAL CONDUCTION IN METAL OXIDES
PHYS REV V133 N5A PPA1431/A1436 2 MAR 64
BY KEVANE C J — DDC NUMBER 442809
INSTRUMENT AF/AFOSR /0130/62
PROJ/TASK 9763 02

AFOSR 64 1231
WAYNE STATE U DETROIT MICH
LOW TEMPERATURE ELASTIC MODULI OF ALUMINUM
J APPL PHYS V35 N2 PP327/330 FEB 64
BY KAMM G N — DDC NUMBER 442807
ALERS G A — INSTRUMENT AF/AFOSR /0379/62
PROJ/TASK 9761 03

AFOSR 64 1233
CALIFORNIA U LA JOLLA
ON THE SUPERCONDUCTIVITY OF TERNARY BETA TITANIUM ALLOYS < GERMAN >
Z PHYSIK V178 PP216/220 1964
BY RAUB C J — DDC NUMBER 442805
INSTRUMENT AF/AFOSR /0344/62
PROJ/TASK 9763 02

AFOSR 64 1234
CALIFORNIA U LA JOLLA
SUPERCONDUCTIVITY OF SOLID SOLUTIONS OF TI AND ZR WITH CO, RH, AND IR
PHYS REV V133 N4A PPA932/A934 17 FEB 64
BY RAUB C J — DDC NUMBER 442808
HULL G W JR — INSTRUMENT AF/AFOSR /0344/62
PROJ/TASK 9763 02

AFOSR 64 1235
CALIFORNIA U RIVERSIDE
THERMAL RESISTANCE PRODUCED BY POINT IMPERFECTIONS IN CRYSTALS
NUOVO CIMENTO SERX V29 PP883/891 16 AUG 63
BY CALLAWAY J — DDC NUMBER 442806
INSTRUMENT AF/AFOSR /0318/62
PROJ/TASK 9761 01

AFOSR 64 1236
CASE INST OF TECH CLEVELAND OHIO
GALVANOMAGNETIC INVESTIGATION OF THE FERMI SURFACE OF MAGNESIUM
PHYS REV V133 N2A PPA443/A451 20 JAN 64
BY STARK R W — DDC NUMBER 442803
ECK T G — INSTRUMENT AF/AFOSR /0222/62
GORDON W L — PROJ/TASK 9763 02

AFOSR 64 1237
CHICAGO U ILL
TEMPERATURE DEPENDENCE OF THE ULTRASONIC ATTENUATION IN GERMANIUM
PHYS REV V132 N6 PP2477/2483 15 DEC 63
BY MILLER B I — DDC NUMBER 442852
INSTRUMENT AF/AFOSR /0178/62
PROJ/TASK 9763 02

AFOSR 64 1238
ROCHESTER U N Y
ORIENTATION OF THE M CENTER
PHYS STAT SOL V4 PP601/604 1964
BY DEXTER D L — DDC NUMBER 442804
INSTRUMENT AF/AFOSR /0145/62
PROJ/TASK 9761 01

AFOSR 64 1240
CATHOLIC U OF LOUVAIN BELGIUM
A CRYOST FOR TEMPERATURES BETWEEN 14 AND 300 DEGREES K, ADAPTABLE FOR EXPERIMENTS AT HIGH PRESSURE
CRYOGENICS PPR/11 FEB 64
BY VAN ITTERBEEK A — DDC NUMBER 442799
VERBEKE O — INSTRUMENT AF/EOAR /0040/63
STAES K — PROJ/TASK 9763 02
THEEUWES F

AFOSR 64 1241
HARVARD U CAMBRIDGE MASS
A NINTH BARYON
PHYS REV LETTERS V12 N9 PP237/239 2 MAR 64
BY SCHWINGER J — DDC NUMBER 442853
INSTRUMENT AF 49<638>00589
PROJ/TASK 9751 01

AFOSR 64 1242
PHILIPS LABS INC IRVINGTON ON HUDSON N Y
A METHOD FOR THE DETERMINATION OF THE CENTROID OF AN X/RAY DISTRIBUTION
ACTA CRYST V16 PT11 PP1179/1180 NOV 63
BY TAYLOR J — DDC NUMBER 442820
MACK M — INSTRUMENT AF 49<638>00620
PARRISH W — PROJ/TASK 9763

AFOSR 64 1243
PHILIPS LABS INC IRVINGTON ON HUDSON N Y
CENTROID METHOD OF ACCURATE LATTICE/PARAMETER DETERMINATION
ACTA CRYST V16 PT13 PPA157 1963
BY PARRISH W — DDC NUMBER 442775
MACK M — INSTRUMENT AF 49<638>00620
TAYLOR J M — PROJ/TASK 9763

AFOSR 64 1244
SYRACUSE U N Y
IMPURITY STATES ASSOCIATED WITH SUBSIDIARY ENERGY BAND MINIMA
J PHYS CHEM SOLIDS V24 PP1593/1599 1963
BY KAPLAN H — INSTRUMENT AF 49<638>00642
PROJ/TASK 9761 01

AFOSR 64 1245
SYRACUSE U N Y
MULTIPHONON PROCESSES IN THE PHOTOCONDUCTIVITY OF INSB
PHYS REV LETTERS V12 N7 PP163/166 17 FEB 64
BY STOCKER H J — DDC NUMBER 442818
STANNARD C R JR — INSTRUMENT AF 44<663>600642
KAPLAN H — PROJ/TASK 9761 01
LEVINSTEIN H

AFOSR 64 1246
MINNESOTA U MINNEAPOLIS
NATURAL SPECTRUM OF POLYCRYSTALLINE YIG AS A FUNCTION OF DENSITY
J APPL PHYS V35 N3 PT2 PP894/895 MAR 64
BY HOLM J D — DDC NUMBER 442800
MORRISH A H — INSTRUMENT AF 49<638>00803
PROJ/TASK 9761 03

AFOSR 64 1247
MINNESOTA U MINNEAPOLIS
MECHANISM OF SPIN WAVE PINNING IN SOME FERROMAGNETIC FILMS
PHYS LETTERS V7 N4 PP229/230 1 DEC 63
BY SEARLE C W — DDC NUMBER 442797
MORRISH A H — INSTRUMENT AF 49<638>00803
PROJ/TASK 9761 03

AFOSR 64 1249
BATTELLE MEMORIAL INST COLUMBUS OHIO
GALVANOMAGNETIC EFFECTS IN SEMICONDUCTORS
ACADEMIC PRESS INC 111 FIFTH AVENUE NY NY ACADEMIC PRESS INC & LONDON & LTD BERKELEY SQUARE HOUSE LONDON W 1 1963
BY BEER A C — INSTRUMENT AF 49<638>00959
PROJ/TASK 9761 02

AFOSR 64 1250
WESTINGHOUSE ELECTRIC CORP WASHINGTON D C
EVIDENCE FOR THE EXISTENCE OF OVERLAPPING VALENCE AND CONDUCTION BANDS IN SNTE
J APPL PHYS V34 N10 PP3083/3085 OCT 63
BY DAMON D H — DDC NUMBER 442814
MARTIN C R — INSTRUMENT AF 49<638>01165
MILLER R C — PROJ/TASK 9763 02

AFOSR 64 1251
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
SOLID TRANSPORT RATE IN THE VAPOR/SOLVENT GROWTH SYSTEM ZNS/I
J PHYS CHEM SOLIDS V25 PP187/190 1964
BY JONA F — DDC NUMBER 442819
MANDEL G — INSTRUMENT AF 49<638>01201
PROJ/TASK 9761 02

AFOSR 64 1252
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
CHEMICAL EQUILIBRIA IN THE GERMANIUM / IODINE AND GERMANIUM BROMINE SYSTEMS BY WEIGHT / LOSS MEASUREMENTS
J ELECTROCHEM SOC V111 N4 PP413/417 APR 64
BY JONA F — DDC NUMBER 442813
LEVER R F — INSTRUMENT AF 49<638>01201
WENDT H R — PROJ/TASK 9761 02

AFOSR 64 1253
MASSACHUSETTS INST OF TECH CAMBRIDGE
SHIELDING AND DISTORTION OF RARE EARTH CRYSTAL FIELD SPECTRA
PHYS REV V133 N6A PPA1571/A1584 16 MAR 64
BY WATSON R F — DDC NUMBER 442815
FREEMAN A J — INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1254
MASSACHUSETTS INST OF TECH CAMBRIDGE
DETERMINATION OF EFFECTIVE MASSES FROM GIANT QUANTUM OSCILLATIONS IN ULTRASONIC ABSORPTION
PHYS REV LETTERS V12 N7 PP166/168 17 FEB 64
BY SHAPIRA Y — DDC NUMBER 442812
LAX B — INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1256
OSLO U NORWAY
SOME THEORETICAL INVESTIGATIONS FOR CLOSED STATES OF THE NEGATIVE ION, PART I
PHYSICA MATH PP3/35 FEB 1964
BY MIDTDAL J — DDC NUMBER 605259
INSTRUMENT AF/EOAR /0032/64
PROJ/TASK 7112 02

AFOSR 64 1257
NORTH CAROLINA STATE COLL RALEIGH
APPLIED MATHEMATICS RESEARCH PROJECT, FINAL REPORT, 16 JUN 1964
BY CELL J W — INSTRUMENT AF/AFOSR /0444/63
PROJ/TASK 9749 01

AFOSR 64 1258
SYRACUSE U N Y
THEORY OF APPROXIMATION, FINAL REPORT, JUN 1964
BY LORENTZ G G
DDC NUMBER 442771
INSTRUMENT AF/AFOSR /0424/63
PROJ/TASK 9749 01

AFOSR 64 1269
PENNSYLVANIA STATE U UNIVERSITY PARK
PHOTOMETABOLISM, FINAL REPORT, JUN 1964
BY LINDSTROM E S
DDC NUMBER 602788
INSTRUMENT AF/AFOSR /0283/62
PROJ/TASK 9777 01

AFOSR 64 1270
HENRI ROUSSELLE HOSPITAL PARIS FRANCE
RELATION OF THE VISCERAL AFFERENTS TO THE ACTIVITY OF THE BRAIN STEM RETICULAR FORMATION, FINAL REPORT, JUN 1963
BY DELL P C
DDC NUMBER 602784
INSTRUMENT AF 61<052>00229
PROJ/TASK 9777 01

AFOSR 64 1271
GEORGIA U ATHENS
CHEMICAL AND ENZYMATIC STUDIES ON THE CONVERSION OF CHEMICAL ENERGY TO LIGHT, FINAL REPORT, JUN 1964
BY PHILBROOK G E
DDC NUMBER 602798
INSTRUMENT AF/AFOSR /0073/62
INSTRUMENT AF/AFOSR /0044/63
PROJ/TASK 9777 01

AFOSR 64 1272
SAO PAULO U BRAZIL
ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTIONS FINAL REPORT, JUN 1964
BY COVIAN M R
DDC NUMBER 602786
INSTRUMENT AF/AFOSR /0311/63
PROJ/TASK 9777 01

AFOSR 64 1274
MICHIGAN U / AN ARBOR MICH
INVESTIGATION IN THE THEORY OF SPHEROIDAL AND MATHIEU FUNCTIONS, FINAL REPORT, JUN 1964
BY SLEATOR F B
DDC NUMBER 602787
INSTRUMENT AF/AFOSR /0289/63
PROJ/TASK 9749 01

AFOSR 64 1275
MAUDSLEY HOSPITAL LONDON ENGLAND
CHEMICAL FACTORS IN CEREBRAL EXCITATION, FINAL REPORT, MAY 1964
BY MCILWAIN H
DDC NUMBER 602790
INSTRUMENT AF/EOAR /0001/63
PROJ/TASK 9777 01

AFOSR 64 1276
MINNESOTA U MINNEAPOLIS
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF BEHAVIOR, FINAL REPORT, JUL 1964
BY SHIDEMAN F E
DDC NUMBER 602785
INSTRUMENT AF/AFOSR /0204/63
PROJ/TASK 9777 01

AFOSR 64 1278
STANFORD U CALIF
USE OF HYDROGEN BUBBLES FOR QUANTITATIVE DETERMINATION OF TIME DEPENDENT VELOCITY FIELDS IN LOW SPEED WATER FLOWS, FINAL REPORT, FEB 1964
BY SCHRAUB F A
KLINE S J
HENRY J
RUNSTADLER P W JR
LITTELL A
DDC NUMBER 602795
INSTRUMENT AF 49<638>01278
PROJ/TASK 9781 02

AFOSR 64 1279
MAX-PLANCK-INST FUR STROMUNGSFORSCHUNG
GOETTINGEN WEST GERMANY
RECENT EXPERIMENTAL INVESTIGATIONS ON THE SCATTERING OF SOUND BY TURBULENCE, FINAL REPORT, APR 1963
BY SCHMIDT D W
DDC NUMBER 443152
INSTRUMENT AF/EOAR /0056/63
PROJ/TASK 9781 02

AFOSR 64 1280
TECHNISCHE HOCHSCHULE STUTTGART WEST GERMANY
EXPERIMENTAL INVESTIGATIONS OF VORTEX OCCURRENCE AT TRANSITION IN UNSTABLE LAMINAR BOUNDARY LAYERS, FINAL REPORT, FEB 1964
BY WORTMANN F X
DDC NUMBER 602796
INSTRUMENT AF 61<052>00220
PROJ/TASK 9781

AFOSR 64 1292
STANFORD U CALIF
A NUMERICAL EXPERIMENT WITH DESCRETE VORTEX APPROXIMATION, WITH REFERENCE TO THE ROLLING UP OF A VORTEX SHEET, FINAL REPORT, MAY 1964
BY TAKAMI H
DDC NUMBER 602789
INSTRUMENT AF 49<638>01274
PROJ/TASK 9781 01

AFOSR 64 1293
VON KARMAN INST BRUSSELS BELGIUM
NOTE ON THE USE OF CHEBYSHEV POLYNOMIALS FOR INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
SCIENTIFIC REPORT NO 4 JUN 1964
BY MOULIN L
DDC NUMBER 603740
INSTRUMENT AF/EOAR /0039/63
PROJ/TASK 9749 01

AFOSR 64 1294
CORK U COLL IRELAND
LINEAR BOUNDARY VALUE PROBLEMS III, THE LAMBDA METHOD FOR POLYGONAL PLATES
SCIENTIFIC REPORT NO 1 APR 1964
BY QUINLAN P M
DDC NUMBER 603734
INSTRUMENT AF/EOAR /0043/63
PROJ/TASK 9749 01

AFOSR 64 1295
CAMBRIDGE U ENGLAND
A PERIMETRIC STUDY OF VISUAL FIELD DEFECTS IN MONKEYS
QUART J EXP PSYCHOL V15 PT2 PP91/115 JUN 63
BY COWEY A
WEISKRANTZ L
DDC NUMBER 444264
INSTRUMENT AF 61<052>00185
PROJ/TASK 9778 01

AFOSR 64 1296
CAMBRIDGE U ENGLAND
THE BASIS OF A METHOD OF PERIMETRY WITH MONKEYS
QUART J EXP PSYCHOL V15 PT2 PP81/90 MAY 63
BY COWEY A
DDC NUMBER 444263
INSTRUMENT AF 61<052>00185
PROJ/TASK 9778 01

AFOSR 64 1297
CAMBRIDGE U ENGLAND
STRIATE CORTEX LESIONS AND VISUAL ACUITY OF THE RHESUS MONKEY
J COMP PHYSIOL PSYCHOL V56 N2 PP225/231 1963
BY WEISKRANTZ L
COWEY A
DDC NUMBER 444262
INSTRUMENT AF 61<052>00185
PROJ/TASK 9778 01

AFOSR 64 1298
CAMBRIDGE U ENGLAND
LOCOMOTOR ACTIVITY FOLLOWING LATERAL FRONTAL LESIONS IN RHESUS MONKEYS
J COMP PHYSIOL PSYCHOL V56 N2 PP232/236 1963
BY GROSS C G
DDC NUMBER 444261
INSTRUMENT AF 61<052>00185
PROJ/TASK 9778 01

AFOSR 64 1299
CAMBRIDGE U ENGLAND
THE AETIOLOGY OF FOOD REWARD IN MONKEYS
ANIMAL BEHAVIOUR V11 PP225/234 APR/JUL 1963
BY WEISKRANTZ L
COWEY A
DDC NUMBER 444256
INSTRUMENT AF 61<052>00185
PROJ/TASK 9778 01

AFOSR 64 1300
OHIO STATE U RESEARCH FOUNDATION COLUMBUS
ORGANIZATIONS AND POWERLESSNESS / A TEST OF THE MEDIATION HYPOTHESIS
AM SOCIOL REV V29 N2 PP216/226 APR 64
BY NEAL A G
SEEMAN M
DDC NUMBER 444257
INSTRUMENT AF 49<638>00741
PROJ/TASK 9778 01

AFOSR 64 1301
TEXAS U AUSTIN
ATTRACTION AS A FUNCTION OF ATTITUDE SIMILARITY/ DISSIMILARITY / THE EFFECT OF TOPIC IMPORTANCE
PSYCHON SCI V1 PP93/94 1964
BY BYRNE D
NELSON D
DDC NUMBER 444265
INSTRUMENT AF/AFOSR /0261/63
PROJ/TASK 9778 02

AFOSR 64 1302
WASHINGTON STATE U PULLMAN
SHORT TERM RETENTION AS A FUNCTION OF ITEM VALUE
PERCEPTUAL MOTOR SKILLS V18 PP297/298 1964
BY LLOYD K E
DDC NUMBER 444266
INSTRUMENT AF/AFOSR /0256/63
PROJ/TASK 9778 01

AFOSR 64 1304
DUKE U DURHAM N C
COGNITIVE STRUCTURING, FIELD DEPENDENCE / INDEPENDENCE, AND THE PSYCHOPHYSIOLOGICAL RESPONSE TO PERCEPTUAL ISOLATION
PROC SOC BIOL PSYCHIAT 18TH ANNUAL CONVENTION AND SCIENTIFIC PROGRAM ATLANTIC CITY NJ /PLENUM PRESS/ V6 PP119-128 7/9 JUN 63
BY CULVER C M
COHEN S I
SILVERMAN A J
SHMAVONIAN B M
DDC NUMBER 444259
INSTRUMENT AF/AFOSR /0057/63
PROJ/TASK 9779 01

AFOSR 64 1306
STANFORD U CALIF
A GENERALIZED METHOD FOR TREATING SINGULAR PERTURBATION PROBLEMS
BY NAYFEH A H
DDC NUMBER 606083
INSTRUMENT AF 49<638>01274
PROJ/TASK 9781 01

AFOSR 64 1307
LYON U FRANCE
NEUROPHYSIOLOGICAL INHIBITORY SYSTEMS ACTIVE DURING SLEEP, FINAL REPORT, JUL 1964
BY JOUVET M
DDC NUMBER 603737
INSTRUMENT AF/EOAR /0067/62
PROJ/TASK 9777 01

AFOSR 64 1308
CAMBRIDGE U ENGLAND
THE CURIOUS EYE OF COPILIA
NATURE V201 N4925 PP1166/1168 21 MAR 64
BY GREGORY R L
ROSS H E
MORAY N
DDC NUMBER 444258
INSTRUMENT AF/EOAR /0093/63
PROJ/TASK 9778 01

AFOSR 64 1309
BUREAU OF SOCIAL SCIENCE RESEARCH INC WASHINGTON D C
METHODS OF DATA COLLECTION IN STUDIES OF RELIGION
J SCI STUDY RELIGION V3 N2 PP193/203 1964
BY KLAUSNER S Z
DDC NUMBER 444144
INSTRUMENT AF 49<638>00992
PROJ/TASK 9779 01

AFOSR 64 1311
CALIFORNIA INST OF TECH PASADENA
ROTATIONAL MODES IN SPHERICAL MIRROR RESONATORS
BY SPECHT W A JR
DDC NUMBER 604690
INSTRUMENT AF 49<638>01322
PROJ/TASK 9768 02

AFOSR 64 1312
NEW YORK U NEW YORK
OPTIMAL CONTROL OF DISCRETE SYSTEMS WITH CONSTRAINED INPUTS
J FRANKLIN INST V277 N3 PP237/255 MAR 64
BY SARACHIK P E — DDC NUMBER 444267
KRANC G M — INSTRUMENT AF/AFOSR /0284/63
PROJ/TASK 9769 01

AFOSR 64 1313
NEW YORK U NEW YORK
ON THE CONCEPTS OF CONTROLLABILITY AND OBSERVABILITY OF LINEAR SYSTEMS
IEEE TRANS AUTO CONTROL VAC/9 N2 PP129/136 APR 64
BY KREINDLER E — DDC NUMBER 444269
SARACHIK P E — INSTRUMENT AF/AFOSR /0284/63
PROJ/TASK 9769 01

AFOSR 64 1314
BROOKLYN POLYTECHNIC INST NEW YORK NY
SENSITIVITY SUMS FOR HOMOGENEOUS FUNCTIONS
IEEE TRANS PROFESS TECH GROUP CIRCUIT THEORY VCT/11 N1 P171 MAR 64
BY BELOVE C — DDC NUMBER 444268
INSTRUMENT AF/AFOSR /0280/62
PROJ/TASK 9749 01

AFOSR 64 1315
BROOKLYN POLYTECHNIC INST NEW YORK NY
ADAPTIVE CONTROL
APPL MECH REV V17 N7 PP501/508 JUL 64
DDC NUMBER 444270
TRUXAL J G — INSTRUMENT AF/AFOSR /0280/62
PROJ/TASK 9749 01

AFOSR 64 1316
CALIFORNIA U BERKELEY
ON THE STABILITY OF A CERTAIN CLASS OF NONLINEAR SAMPLED DATA SYSTEMS
IEEE TRANS AUTO CONTROL VAC/9 N1 PP51/61 JAN 64
BY JURY E I — DDC NUMBER 444141
INSTRUMENT AF/AFOSR /0292/63
PROJ/TASK 9749 01

AFOSR 64 1318
AF OAR AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
DIRECTORATE OF INFORMATION SCIENCES WASHINGTON D C
CODE TO ILLITERACY
AM DOC V15 P226 JUL 64
BY WOOSTER H

AFOSR 64 1319
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y
A THEORY OF NONLINEAR NETWORKS / I
QUART APPL MATH V22 N1 PP1/33 APR 1964
BY BRAYTON R K — DDC NUMBER 444134
MOSER J K — INSTRUMENT AF 49<638>01139
PROJ/TASK 9749 01

AFOSR 64 1320
MINNESOTA U MINNEAPOLIS
SUBLINEAR FUNCTIONS OF MEASURES AND VARIATIONAL INTEGRALS
DUKE MATH J V31 N1 PP159/178 MAR 64
BY GOFFMAN C — DDC NUMBER 444140
SERRIN J — INSTRUMENT AF/AFOSR /0101/62
PROJ/TASK 9749 01

AFOSR 64 1321
FLORIDA U GAINESVILLE
PERMANENTS OF /0,1/ /-CIRCULANTS
CAN MATH BULL V7 N2 PP253/263 APR 64
BY MINC H — DDC NUMBER 444139
INSTRUMENT AF/AFOSR /0168/62
PROJ/TASK 9749 01

AFOSR 64 1322
COLORADO STATE U FORT COLLINS
STURM LIOUVILLE SYSTEMS THAT GENERATE FAMILIES
SIAM REV V6 N1 PP12/19 JAN 1964
BY STEIN F M — DDC NUMBER 444138
INSTRUMENT AF/AFOSR /0219/62
PROJ/TASK 9749 01

AFOSR 64 1323
CALIFORNIA INST OF TECH PASADENA
EARTH TO MOON TRAJECTORIES WITH MINIMAL ENERGY
J MECAN V2 N4 PP493/504 DEC 63
BY LAGERSTROM P A — DDC NUMBER 444137
KEVORKIAN J — INSTRUMENT AF/AFOSR /0256/62
PROJ/TASK 9749 01

AFOSR 64 1325
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
ON THE DYNAMICAL EQUATIONS OF CONDITIONAL PROBABILITY DENSITY FUNCTIONS, WITH APPLICATIONS TO OPTIMAL STOCHASTIC CONTROL THEORY
J MATH ANAL APPL V8 N2 PP332/344 APR 64
BY KUSHNER H J — DDC NUMBER 444136
INSTRUMENT AF 49<638>01206
PROJ/TASK 9749 01

AFOSR 64 1326
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
RECENT ADVANCES IN LIAPUNOV STABILITY THEORY
SIAM REV V6 N1 PP1/11 JAN 64
BY LASALLE J P — DDC NUMBER 444135
INSTRUMENT AF 49<638>01242
PROJ/TASK 9749 01

AFOSR 64 1329
ARMY RESEARCH OFFICE DURHAM N C
CONTACTOR CONTROL BY ADAPTIVE PATTERN RECOGNITION TECHNIQUES
BY SMITH F W — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1330
ARMY RESEARCH OFFICE DURHAM N C
A FAST DIRECT SOLUTION OF POISSONS EQUATION USING FOURIER ANALYSIS
BY HOCKNEY R W — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1331
ARMY RESEARCH OFFICE DURHAM N C
CODING FOR ADAPTIVE CAPABILITY IN RANDOM CHANNEL COMBINATIONS
BY SCHOLTZ R A — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1332
ARMY RESEARCH OFFICE DURHAM N C
ORTHOGONAL EXPANSION APPLIED TO THE DESIGN OF THRESHOLD ELEMENT NETWORKS
BY COOPER J A — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1333
ARMY RESEARCH OFFICE DURHAM N C
OPTIMAL ADAPTIVE ESTIMATION OF SAMPLED STOCHASTIC PROCESSES
BY MAGILL D T — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1334
ARMY RESEARCH OFFICE DURHAM N C
IDENTIFICATION AND CONTROL OF RANDOM PARAMETER DISCRETE SYSTEMS
BY FARISON J B — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1335
ARMY RESEARCH OFFICE DURHAM N C
OPTIMUM SAMPLING AND CONTROL PROCEDURES FOR A MULTIPLEXED DIGITAL COMPUTER
BY SKIKO E J — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1336
ARMY RESEARCH OFFICE DURHAM N C
DYNAMIC PROGRAMMING WITH CONTINUOUS INDEPENDENT VARIABLE
BY LARSON R E — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1337
ARMY RESEARCH OFFICE DURHAM N C
THE SYNTHESIS OF MACHINES WHICH LEARN WITHOUT A TEACHER
BY FRALICK S C — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1338
ARMY RESEARCH OFFICE DURHAM N C
CHARACTERISTICS OF PHOTON COUPLED SYSTEMS
BY WUNDERMAN I — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1339
ARMY RESEARCH OFFICE DURHAM N C
OPTICAL ABSORPTION AND PHOTOLUMINESCENCE OF DOPED GAAS AND INXGAL/X/ AS
BY CHANG C M — INSTRUMENT NONR /225/24/
PROJ/TASK 4751

AFOSR 64 1341
ARMY RESEARCH OFFICE DURHAM N C
RECEPTION AND TRANSMISSION OF TRANSIENT ELECTROMAGNETIC FIELDS
BY SCHMITT H J — INSTRUMENT NON/ /1866/26/
PROJ/TASK 4751

AFOSR 64 1342
ARMY RESEARCH OFFICE DURHAM N C
THE ADMITTANCE OF BARE CIRCULAR LOOP ANTENNAS IN A DISSIPATIVE MEDIUM
BY KING R W P
HARRISON C W JR — INSTRUMENT NONR /1866/32/
TINGLEY D G — PROJ/TASK 4751

AFOSR 64 1343
ARMY RESEARCH OFFICE DURHAM N C
THE IMPERFECTLY CONDUCTING CYLINDRICAL TRANSMITTING ANTENNA
BY KING R W P
WU T T — INSTRUMENT NONR /1866/32/
PROJ/TASK 4751

AFOSR 64 1344
ARMY RESEARCH OFFICE DURHAM N C
TEMPERATURE DEPENDENCE OF OPTICAL HARMONIC GENERATION IN KH2PO4 FERROELECTRICS
BY VAN DER ZIEL J P — INSTRUMENT NONR /1866/16/
PROJ/TASK 4751

AFOSR 64 1345
ARMY RESEARCH OFFICE DURHAM N C
MODULATION OF THE LINEAR OPTIC EFFECT AT MICROWAVE FREQUENCIES
BY MYERS R A — INSTRUMENT NONR /1866/16/
PROJ/TASK 4751

AFOSR 64 1346
ARMY RESEARCH OFFICE DURHAM N C
STARK EFFECTS ON THE QUADRUPOLE COUPLING OF C135 IN SODIUM CHLORATE
BY COLLINS F A
INSTRUMENT NONR /1866/16/
PROJ/TASK 4751

AFOSR 64 1347
ARMY RESEARCH OFFICE DURHAM N C
SOME INEQUALITY CONSTRAINT PROBLEMS IN THE CALCULUS OF VARIATIONS
BY DENHAM W F
INSTRUMENT NONR /1866/16/
PROJ/TASK 4751

AFOSR 64 1348
ARMY RESEARCH OFFICE DURHAM N C
ON THE CONJUGATE POINT CONDITION FOR THE CONTROL PROBLEM
BY BREAKWELL J V
HO Y/C
INSTRUMENT NONR /1866/16/
PROJ/TASK 4751

AFOSR 64 1349
ARMY RESEARCH OFFICE DURHAM N C
IDENTIFICATION OF LINEAR DYNAMIC SYSTEMS
BY HO Y/C
LEE R C K
INSTRUMENT NONR /1866/16/
PROJ/TASK 4751

AFOSR 64 1350
CALIFORNIA U BERKELEY
NOTES ON SYSTEM THEORY, VOLUME V
DDC NUMBER 601993
INSTRUMENT AF/AFOSR /0139/63
PROJ/TASK 4751

AFOSR 64 1351
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
FERMI LEVEL POSITION AT METAL SEMICONDUCTOR INTERFACES
PHYS REV V134 N3A PPA/713/A/716 4 MAY 1964
BY MEAD C A
SPITZER W G
DDC NUMBER 444142
INSTRUMENT AF/AFOSR /0496/64
PROJ/TASK 4751

AFOSR 64 1352
SOUTHERN CALIFORNIA U LOS ANGELES CALIF
CONDUCTION BAND MINIMUM OF CDTE
J PHYS CHEM SOLIDS V25 PP443/447 1964
BY SPITZER W G
MEAD C A
DDC NUMBER 444143
INSTRUMENT AF/AFOSR /0496/64
PROJ/TASK 4751

AFOSR 64 1353
ARMY RESEARCH OFFICE DURHAM N C
CROSSED FIELD CHARGED PARTICLE DELAY LINES
BY SLOTTOW H G
INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1354
ARMY RESEARCH OFFICE DURHAM N C
ROLE OF THE GENERALIZED LIPSCHITZ CONDITION IN FINITE TIME STABILITY AND IN THE DERIVATION OF THE MAXIMUM PRINCIPLE
BY AGASHE S D
INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1355
ARMY RESEARCH OFFICE DURHAM N C
CONTROL OF CO/OPERATIVE SYSTEMS / THE RENDEZVOUS PROBLEM
BY GIESEKING D L
INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1356
ARMY RESEARCH OFFICE DURHAM N C
PROPERTIES OF LOSSY COMMUNICATION NETS
BY MAYEDA W
VAN VALKENBURG M E
INSTRUMENT DA /36/039/AMC/02208
PROJ/TASK 4751

AFOSR 64 1358
ARMY RESEARCH OFFICE DURHAM N C
SAC REFERENCE MANUAL FOR CSX/1 MACHINE LANGUAGE PROGRAMMING
BY JENKS R D
INSTRUMENT DA /36/039/AMC/02208
PROJ/TASK 4751

AFOSR 64 1359
ARMY RESEARCH OFFICE DURHAM N C
SELF DIRECTED INQUIRY IN CLINICAL NURSING INSTRUCTION BY MEANS OF THE PLATO SIMULATED LABORATORY
BY BITZER M
INSTRUMENT DA /36/039/AMC/02208
PROJ/TASK 4751

AFOSR 64 1360
ARMY RESEARCH OFFICE DURHAM N C
ELECTRON COLLISIONS IN NEON PLASMA
BY CHEN C L
INSTRUMENT DA /36/039/AMC/02208
PROJ/TASK 4751

AFOSR 64 1361
ARMY RESEARCH OFFICE DURHAM N C
SPIN RELAXATION OF OPTICALLY PUMPED CESIUM
BY FRANZ F A
INSTRUMENT DA /36/039/AMC/02208
PROJ/TASK 4751

AFOSR 64 1362
ARMY RESEARCH OFFICE DURHAM N C
A STUDY OF THE PERFORMANCE OF LINEAR AND NONLINEAR FILTERS
BY ALGAZI V R
INSTRUMENT DA /36/039/AMC/03200
PROJ/TASK 4751

AFOSR 64 1363
ARMY RESEARCH OFFICE DURHAM N C
ELECTROMAGNETIC INDUCTION ON AN EXPANDING CONDUCTING SPHERE
BY BAHIANA L C
INSTRUMENT DA /36/039/AMC/03200
PROJ/TASK 4751

AFOSR 64 1364
ARMY RESEARCH OFFICE DURHAM N C
CODING COLOR PICTURES
BY GRONEMANN U F
INSTRUMENT DA /36/039/AMC/03200
PROJ/TASK 4751

AFOSR 64 1365
ARMY RESEARCH OFFICE DURHAM N C
THEORY OF COLLISION BROADENING IN THE SUDDEN APPROXIMATION
BY BYRON F W JR
FOLEY H M
DDC NUMBER 444467
INSTRUMENT DA /36/039/SC/78330
PROJ/TASK 4751

AFOSR 64 1366
ARMY RESEARCH OFFICE DURHAM N C
SELF BROADENING OF OPTICAL DOUBLE RESONANCE LINES IN CADMIUM
BY BYRON F W JR
MCDERMOTT M N
NOVICK R
DDC NUMBER 444468
INSTRUMENT DA /36/039/SC/78330
PROJ/TASK 4751

AFOSR 64 1367
ARMY RESEARCH OFFICE DURHAM N C
A MODEL FOR FIRING PATTERNS OF AUDITORY NERVE FIBERS
BY WEISS T F
INSTRUMENT DA /36/039/AMC/03200
PROJ/TASK 4751

AFOSR 64 1368
NAVY OFFICE OF NAVAL RESEARCH WASHINGTON D C
FLUORESCENCE OF TRANSITION METAL IONS IN CRYSTALS
BY DI BARTOLO B
INSTRUMENT NONR /1841/10/
PROJ/TASK 4751

AFOSR 64 1369
STANFORD U CALIF
ARTIFICIALLY STIMULATED VERY LOW FREQUENCY RADIATION FROM THE IONOSPHERE
J GEOPHYS RES V69 N11 PP2391/2394 JUN 64
BY HELLIWELL R A
KATSUFRAKIS J
TRIMPI M
BRICE N
DDC NUMBER 444474
INSTRUMENT AF/AFOSR /0370/62
PROJ/TASK 9768 01

AFOSR 64 1370
STANFORD U CALIF
THE DISTRIBUTION OF IONS AND ELECTRONS IN THE EARTHS EXOSPHERE
BY ANGERAMI J J
THOMAS J O
DDC NUMBER 604040
INSTRUMENT AF/AFOSR /0370/62
PROJ/TASK 9768 01

AFOSR 64 1371
ARMY RESEARCH OFFICE DURHAM N C
LIFETIME AND HFS OF THE /555P/ 1P1 STATE OF CADMIUM
PHYS REV V134 N3A PPA608/A614 MAY 1964
BY LURIO A
NOVICK R
DDC NUMBER 444466
INSTRUMENT DA /36/039/SC/90789
PROJ/TASK 4751

AFOSR 64 1372
CALIFORNIA INST OF TECH PASADENA
EXPERIMENTAL STUDY OF COMPRESSIONAL HYDROMAGNETIC WAVES
PHYS FLUIDS V7 N2 PP269/277 FEB 64
BY SWANSON D G
GOULD R W
HERTEL R H
DDC NUMBER 444469
INSTRUMENT AF/AFOSR /0412/63
PROJ/TASK 9768 01

AFOSR 64 1373
CALIFORNIA U BERKELEY
A BACKWARD WAVE SURFACE MODE IN A PLASMA WAVEGUIDE
J APPL PHYS V35 N5 PP1384/1391 MAY 1964
BY CARLILE R N
DDC NUMBER 444471
INSTRUMENT AF/AFOSR /0139/63
PROJ/TASK 4751

AFOSR 64 1374
CALIFORNIA U BERKELEY
DOMINANT ZERO AND EXCESS PHASE OF A HURWITZ POLYNOMIAL
IEEE TRANS CIRCUIT THEORY VCT/11 N1 PP104/108 MAR 64
BY PEDERSON D O
WILSON G H
DDC NUMBER 444473
INSTRUMENT AF/AFOSR /0139/63
PROJ/TASK 4751

AFOSR 64 1375
BROOKLYN POLYTECHNIC INST NEW YORK NY
WIDE SENSE MARKOFF SEQUENCES AND RECURSIVE FILTERING
BY PAPOULIS A
DDC NUMBER 604041
INSTRUMENT AF 49<638>01402
PROJ/TASK 4751

AFOSR 64 1376
STANFORD U CALIF
PLASMA INSTABILITY IN THE WHISTLER MODE CAUSED BY A GYRATING ELECTRON STREAM
PHYS REV V133 N5A PPA1300/A1302 MAR 64
BY BELL T F
BUNEMAN O
DDC NUMBER 444472
INSTRUMENT AF 49<638>01060
PROJ/TASK 9768 01

AFOSR 64 1378
NEW YORK U NEW YORK
ON THE ANALYSIS AND SYNTHESIS OF SWITCHING NETWORKS COMPOSED OF M/OUT/OF/N DECISION GATES
BY RASHIP M
DDC NUMBER 604043
INSTRUMENT AF/AFOSR /0024/64
PROJ/TASK 9769 02

AFOSR 64 1379
RENSSELAER POLYTECHNIC INST TROY N Y
PHYSICAL PHENOMENA FOR LOGICAL FUNCTIONS. FINAL REPORT. FEB 1964
BY BEAM W R
DDC NUMBER 604046
INSTRUMENT AF/AFOSR /0194/62
PROJ/TASK 9769 03

AFOSR 64 1380
CAMBRIDGE LANGUAGE RESEARCH UNIT ENGLAND
A BROUWER TYPE SPACE TO REPLACE THE CONVENTIONAL PHYSICAL CONTINUUM WHEN PARTICLES ARE REGARDED AS DISTINCTION SYSTEMS
BY BASTIN E W
KILMISTER C W
DDC NUMBER 604044
INSTRUMENT AF 61<052>00331
PROJ/TASK 9769 06

AFOSR 64 1381
ILLINOIS U URBANA
ON STRUCTURAL ANALYSIS OF MANY VALUED LOGIC
BY NA H S H
VON FOERSTER H
GUNTHER G
DDC NUMBER 604045
INSTRUMENT AF/AFOSR /0008/63
PROJ/TASK 9769 06

AFOSR 64 1382
LONDON U COLL ENGLAND
DECISION MAKING
BRIT MED BULL /EXP PSYCHOL/ V20 N1 PP27/31 1964
BY AUDLEY R J
DDC NUMBER 444460
INSTRUMENT AF/EOAR /0069/62
PROJ/TASK 9769 03

AFOSR 64 1383
LONDON U COLL ENGLAND
RESPONSE INSTRUCTIONS AND THE SPEED OF RELATIVE JUDGEMENTS. I. SOME EXPERIMENTS ON BRIGHTNESS DISCRIMINATION
BRIT J PSYCHOL V55 N1 PP59/73 1964
BY AUDLEY R J
WALLIS C P
DDC NUMBER 444463
INSTRUMENT AF/EOAR /0069/62
PROJ/TASK 9769 03

AFOSR 64 1384
CAMBRIDGE LANGUAGE RESEARCH UNIT ENGLAND
THE COMMUNICATION OF ALGORITHMS
COMPUTER J V7 N1 PP28/35 APR 64
BY PARKER/RHODES A F
DDC NUMBER 444446
INSTRUMENT AF 61<052>00647
PROJ/TASK 9769 05

AFOSR 64 1386
NEW YORK U NEW YORK
APICTORIAL JIGSAW PUZZLES / THE COMPUTER SOLUTION OF A PROBLEM IN PATTERN RECOUNITION
IEEE TRANS ELECTRON COMPUTERS VEC/13 N2 PP118/127 APR 64
BY FREEMAN H
GARDER L
DDC NUMBER 444464
INSTRUMENT AF/AFOSR /0024/63
PROJ/TASK 9769 02

AFOSR 64 1387
ILLINOIS U URBANA
CONSTRAINT ANALYSIS OF MANY DIMENSIONAL RELATIONS
BY ASHBY W R
DDC NUMBER 604042
INSTRUMENT AF/AFOSR /0007/63
PROJ/TASK 9769 04

AFOSR 64 1388
ROCKFORD RESEARCH INST CAMBRIDGE MASS
A FORMAL THEORY OF INDUCTIVE INFERENCE. PART II
INFORM CONTROL V7 N2 PP224/254 JUN 64
BY SOLOMONOFF R J
DDC NUMBER 444470
INSTRUMENT AF/AFOSR /0377/62
PROJ/TASK 9769 06

AFOSR 64 1389
INST FOR SCIENTIFIC INFORMATION PHILADELPHIA PA
CORRELATION OF INDEXING HEADINGS AND TITLE WORDS IN THREE MEDICAL INDEXING SYSTEMS
AM DOC V25 N2 PP96/104 APR 64
BY OCGNNOR J
DDC NUMBER 444452
INSTRUMENT AF/AFOSR /0257/62
PROJ/TASK 9769 02

AFOSR 64 1390
CALIFORNIA U BERKELEY
A GENERALIZATION OF ALGOL
COMMUN ACM V6 N9 PP547/554 SEP 63
BY WIRTH N
DDC NUMBER 444461
INSTRUMENT AF/AFOSR /0156/62
PROJ/TASK 9769 05

AFOSR 64 1391
NEW YORK U NEW YORK
A NONLINEAR SUMMATION THRESHOLD DEVICE
IEEE TRANS ELECTRON COMPUTERS VEC/12 PP914/915 DEC 63
BY KASZERMAN P
DDC NUMBER 444462
INSTRUMENT AF/AFOSR /0152/62
PROJ/TASK 9769 02

AFOSR 64 1392
BUNKER RAMO CORP CANOGA PARK CALIF
LINGUISTICS. BRAIN RESEARCH AND SPEECH PATHOLOGY
BY GARVIN P L
DDC NUMBER 444465
INSTRUMENT AF 49<638>01128
PROJ/TASK 9769 05

AFOSR 64 1394
BROOKLYN POLYTECHNIC INST BROOKLYN NY
LAMINAR BOUNDARY LAYERS WITH CHEMICAL REACTIONS. FINAL REPORT. JUN 1964
BY FOX H
DDC NUMBER 605321
INSTRUMENT AF/AFOSR /0409/62
PROJ/TASK 9783 01

AFOSR 64 1395
BROOKLYN POLYTECHNIC INST BROOKLYN NY
THE LAMINAR BOUNDARY LAYER WITH UNIFORM INJECTION
BY LIBBY P A
CHEN K
DDC NUMBER 606074
INSTRUMENT AF/AFOSR /0001/63
PROJ/TASK 9781 01

AFOSR 64 1397
CALIFORNIA INST OF TECH PASADENA
PREDICTED FLUXES AND LINE INTENSITIES IN LATE TYPE MODEL ATMOSPHERES
ANN ASTROPHYS V26 N6 PP495/560 NOV/DEC 1963
BY CAYREL R
JUGAKU J
INSTRUMENT AF 49<638>00021
PROJ/TASK 9774 01

AFOSR 64 1398
NORTH CAROLINA U CHAPEL HILL
CATALYTIC POLAROGRAPHIC CURRENT OF CERTAIN NICKEL /II/ COMPLEXES. APPLICATION TO THE ANALYSIS OF CERTAIN ORGANIC COMPOUNDS CONTAINING BASIC NITROGEN
ANAL CHEM V35 N2 PP195/199 FEB 1963
BY REILLEY C N
MARK H B JR
DDC NUMBER 444450
INSTRUMENT AF 49<638>00333
PROJ/TASK 9763

AFOSR 64 1399
NORTH CAROLINA U CHAPEL HILL
RAPID CHELOMETRIC DETERMINATION OF CHROMATE AS CR /III/ - EDTA BY REDUCTION IN THE PRESENCE OF EDTA
ANAL CHEM V34 N13 PP1707/1709 DEC 1962
BY REILLEY C N
AIKENS D A
DDC NUMBER 444449
INSTRUMENT AF 49<638>00333
PROJ/TASK 9763

AFOSR 64 1400
WISCONSIN U MADISON
A STEREOCHEMICAL FACTOR IN CYCLOPROPYL CONJUGATION
PROC CHEM SOC PP25/26 JAN 1962
BY KOSOWER F M
ITO M
DDC NUMBER 444448
INSTRUMENT AF 49<638>00282
PROJ/TASK 9760

AFOSR 64 1401
WISCONSIN U MADISON
HALOGENATION WITH COPPER /II/. I. SATURATED KETONES AND PHENOL II. UNSATURATED KETONES
J ORG CHEM V28 PP630/638 MAR 1963
BY KOSOWER E M
COLE W J
WU G/S
CARDY D E
MEISTERS G
DDC NUMBER 444447
INSTRUMENT AF 49<638>00282
PROJ/TASK 9760

AFOSR 64 1402
CORNELL U ITHACA N Y
A RAMAN STUDY OF GALLIUM BROMIDE SOLUTIONS
J AM CHEM SOC V84 PP4445/4448 5 DEC 1962
BY NIXON J
PLANE R A
DDC NUMBER 444453
INSTRUMENT AF 49<638>00279
PROJ/TASK 9760

AFOSR 64 1403
CORNELL U ITHACA N Y
RAMAN SPECTRA OF AQUEOUS SOLUTIONS OF INDIUM SULFATE. NITRATE. AND PERCHLORATE
J CHEM PHYS V38 N1 PP249/250 1 JAN 63
BY HESTER R A
PLANE R A
WALRAFEN G E
DDC NUMBER 444354
INSTRUMENT AF 49<638>00279
PROJ/TASK 9760

AFOSR 64 1404
PURDUE U LAFAYETTE IND
MULTIDENTATE LIGAND KINETICS. IV. COPPER /II/ AND N/ HYDROXYETHYLETHYLENEDIAMINETRIACETATO/NICKELATE /II/
INORG CHEM V2 N4 PP678/683 AUG 1963
BY BYDALEK T J
MARGERUM D W
DDC NUMBER 444459
INSTRUMENT AF 49<638>00060
PROJ/TASK 9763

AFOSR 64 1405
PURDUE U LAFAYETTE IND
MULTIDENTATE LIGAND KINETICS. III. THE FORMATION AND DISSOCIATION OF TRIETHYLENETETRAMINONICKEL/II/ AND TETRAETHYLENEPENTAMINENICKEL/II/ AND THEIR EXCHANGE WITH RADIONICKEL ION
INORG CHEM V2 N4 PP667/677 AUG 1963
BY MARGERUM D W
RORABACHER D B
CLARKE J F G JR
DDC NUMBER 444458
INSTRUMENT AF 49<638>00060
PROJ/TASK 9763

AFOSR 64 1406
PURDUE U LAFAYETTE IND
MULTIDENTATE LIGAND KINETICS. V. COPPER/II/ AND CYCLOHEXYLENEDIAMINETETRAACETATO/NICKELATE/II/
INORG CHEM V2 N4 PP683/688 AUG 1963
BY MARGERUM D W
BYDALEK T J
DDC NUMBER 444457
INSTRUMENT AF 49<638>00060
PROJ/TASK 9763

AFOSR 64 1407
PURDUE U LAFAYETTE IND
EXCHANGE REACTIONS OF MULTIDENTATE LIGAND COMPLEXES
RECORD CHEM PROGR V24 N4 PP237/251 DEC 1963
BY MARGERUM D W
DDC NUMBER 444456
INSTRUMENT AF 49<638>00060
PROJ/TASK 9763

AFOSR 64 1408
PURDUE U LAFAYETTE IND
MULTIDENTATE LIGAND KINETICS. VI. THE EXCHANGE OF ETHYLENEDIAMINETETRAACETATE ION WITH TRIETHYLENETETRAMINENICKEL/II/ AND TETRAETHYLENEPENTAMINENICKEL/II/
INORG CHEM V3 N3 PP382/390 MAR 1964
BY RORABACHER D B
MARGERUM D W
DDC NUMBER 444319
INSTRUMENT AF 49<638>00060
PROJ/TASK 9763

AFOSR 64 1410
BROOKLYN POLYTECHNIC INST NEW YORK NY
PHOTOCHEMICAL STUDIES IN FLASH PHOTOLYSIS.III. PHOTOLYSIS OF ACETONE IN DIFFERENT WAVELENGTH REGIONS.
J CHEM PHYS V39 N4 PP996/1003 AUG 63
BY SHILMAN A
MARCUS R A
INSTRUMENT AF 49<638>00772
PROJ/TASK 9760 02

AFOSR 64 1412
MINNESOTA U MINNEAPOLIS
THE REACTION OF VINYLMERCURIC IODIDE WITH NONHALOGEN ACID
J AM CHEM SOC V86 PP2435/2440 20 JUN 1964
BY KREEVOY M M — DDC NUMBER 445074
KRETCHMER R A — INSTRUMENT AF 49<638>00711
PROJ/TASK 9762 02

AFOSR 64 1413
OREGON U EUGENE
CATALYTIC HYDROGENATION OF SOME NAPHTHYL ALKENES
J ORG CHEM V29 PP900/904 APR 1964
BY KLEMM L H — DDC NUMBER 444445
MANN R — INSTRUMENT AF 49<638>00473
PROJ/TASK 9761

AFOSR 64 1414
OREGON U EUGENE
OPTICAL RESOLUTION OF 9/SEC. /BUTYLPHENANTHRENE BY MOLECULAR COMPLEXATION CHROMATOGRAPHY
J CHROMATOG V14 PP300/302 1964
BY KLEMM L H — DDC NUMBER 444444
DESAI K B — INSTRUMENT AF 49<638>00473
SPOONER J R JR — PROJ/TASK 9761

AFOSR 64 1415
OREGON U EUGENE
GAS/SOLID ADSORPTION CHROMATOGRAPHY OF SOME AROMATIC HYDROCARBONS AND NITROGEN HETEROCYCLES ON ALUMINA
J CHROMATOG V13 PP40/47 1964
BY KLEMM L H — DDC NUMBER 444451
AIREE S K — INSTRUMENT AF 49<638>00473
PROJ/TASK 9761

AFOSR 64 1416
JOHNS HOPKINS U BALTIMORE MD
INFRARED SPECTRA OF SILYLACETYLENE AND SILYLACETYLENE/D3
J CHEM PHYS V40 N1 PP125/131 1 JAN 1964
BY REEVES R B — DDC NUMBER 444454
WILDE R E — INSTRUMENT AF 49<638>00468
ROBINSON D W — PROJ/TASK 9760

AFOSR 64 1417
PENNSYLVANIA STATE U UNIVERSITY PARK
PHYSICAL PROPERTIES OF ISOTOPICALLY SUBSTITUTED FLUIDS. FINAL REPORT. JAN 1964
BY STEELE W A — DDC NUMBER 604468
GRIGOR A — INSTRUMENT AF/AFOSR /0027/61
PROJ/TASK 9760 03

AFOSR 64 1419
CHICAGO U ILL
REACTIVE INTERMEDIATES IN CYCLOPROPANE CHEMISTRY. FINAL REPORT. DEC 1963
BY BROWN W G — DDC NUMBER 444507
INSTRUMENT AF/AFOSR /0080/63
PROJ/TASK 9762 01

AFOSR 64 1434
INSTITUTO DE INVESTIGACION DE CIENCIAS
MONTEVEDEO URUGUAY
NEURONE REGENERATION AND NEUROPHYSIOLOGY. FINAL REPORT. JUL 1964
BY ESTABLE C — DDC NUMBER 604470
INSTRUMENT AF/AFOSR /0313/63
PROJ/TASK 9777 01

AFOSR 64 1435
JOHNS HOPKINS U BALTIMORE MD
SINGLE UNIT STUDIES OF CORTICAL AND SUBCORTICAL FUNCTION IN UNRESTRAINED ANIMALS. FINAL REPORT. OCT 1963
BY MOUNTCASTLE V B — DDC NUMBER 604469
INSTRUMENT AF/AFOSR /0031/62
PROJ/TASK 9777 01

AFOSR 64 1439
MICHIGAN U ANN ARBOR MICH
RESEARCH ON DECISION PROCESSES. FINAL REPORT. JUL 1964
BY EDWARDS W — DDC NUMBER 604488
INSTRUMENT AF/AFOSR /0192/63
PROJ/TASK 9778 01

AFOSR 64 1440
HAWAII U HONOLULU
PREDICTIVE MODEL FOR INTRA/GROUP NEGOTIATION. FINAL REPORT. JUN 1964
BY BARTOS O J — DDC NUMBER 604471
INSTRUMENT AF/AFOSR /0314/62
PROJ/TASK 9779 02

AFOSR 64 1441
CHILE U SANTIAGO
ROLE OF THE CEREBRAL CORTEX IN CLASSICAL AND INSTRUMENTAL CONDITIONED REFLEXES. FINAL REPORT. AUG 1964
BY MIDDLETON S — DDC NUMBER 604477
INSTRUMENT AF/AFOSR /0318/63
PROJ/TASK 9777 01

AFOSR 64 1442
LONDON U COLL ENGLAND
ANATOMICAL LOCALIZATION OF TARGET LEARNING AND MEMORY. FINAL REPORT. JUN 1964
BY YOUNG J Z — DDC NUMBER 604472
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1445
CALIFORNIA U DAVIS
EXTREMA FOR EIGENVALUES OF VIBRATING SYSTEMS. FINAL REPORT
BY BANKS D O — DDC NUMBER 604473
INSTRUMENT AF/AFOSR /0082/63
PROJ/TASK 9749 01

AFOSR 64 1447
LUND U SWEDEN
THERMAL STABILITY OF ORGANIC COMPOUNDS. FINAL REPORT. APR 1964
BY SUNNER S — DDC NUMBER 604474
INSTRUMENT AF/EOAR /0110/62
PROJ/TASK 9750 02

AFOSR 64 1448
RADIATION APPLICATIONS INC LONG ISLAND CITY N Y
RADIATION INDUCED SOLID PROPELLANT DECOMPOSITION. FINAL REPORT. JAN 1964
BY ODIAN G — DDC NUMBER 604475
ACKER T — INSTRUMENT AF 49<638>01125
PLETZKE T — PROJ/TASK 9711 01
HENLEY F
MCALEVY R F III

AFOSR 64 1458
ROYAL INST OF TECH STOCKHOLM SWEDEN
POTENTIOMETRIC PURITY CONTROL OF SALT MEDIA FOR EQUILIBRIUM STUDIES
ARKIV KEMI V20 N34 PP417/435 1963
BY CIAVATTA L
INSTRUMENT AF 61<052>00162
PROJ/TASK 9760

AFOSR 64 1465
CINCINNATI U OHIO
THE STRUCTURE OF ORGANOZINC REAGENTS
J ORG CHEM V28 PP3592/3593 DEC 1963
BY DESSY R E
COE G R — INSTRUMENT AF 49<638>00824
PROJ/TASK 9760 02

AFOSR 64 1466
MINNESOTA U MINNEAPOLIS
RESOLVENT OPERATOR FORMULATION OF STATIONARY STATE PERTURBATION THEORY
J CHEM PHYS V40 N7 PP1891/1897 APR 64
BY YARIS R — DDC NUMBER 445021
INSTRUMENT AF 49<638>00940
PROJ/TASK 9760 01

AFOSR 64 1467
CALIFORNIA INST OF TECH PASADENA
COMMENT ON ABSORPTION AND DISPERSION OF SOUND IN CRITICAL MIXTURES
J CHEM PHYS V40 N5 P1451 1 MAR 64
BY KENDIG A P — DDC NUMBER 445022
BIGELOW R H — INSTRUMENT AF 49<638>01273
EDMONDS P D — PROJ/TASK 9710 03
PINGS C J

AFOSR 64 1469
KANSAS STATE U MANHATTAN
THE CRYSTALLOGRAPHY OF SOLID NITROGEN OXIDES. SODIUM HYPONITRITE / POTASSIUM NITRITE. FINAL REPORT. AUG 1964
BY DRAGSDORF R D — DDC NUMBER 604476
CHANG S C — INSTRUMENT AF/AFOSR /0024/61
HOLLIS R L — PROJ/TASK 9710 01

AFOSR 64 1470
ILLINOIS U URBANA
ELECTRICAL SPRAYING OF MACROSCOPIC LIQUID PARTICLES UNDER PULSED CONDITIONS
BY CARSON R S — DDC NUMBER 604428
INSTRUMENT AF/AFOSR /0107/63
PROJ/TASK 9752 01

AFOSR 64 1471
GENERAL APPLIED SCIENCES LAB INC WESTBURY NY
REVIEW OF PROBLEMS IN APPLICATION OF SUPERSONIC COMBUSTION
BY FERRI A — DDC NUMBER 604441
INSTRUMENT AF 49<638>00991
PROJ/TASK 9711 01

AFOSR 64 1472
GENERAL APPLIED SCIENCES LAB INC WESTBURY NY
AN EXPERIMENTAL AND ANALYTICAL INVESTIGATION OF IGNITION AND AXI/SYMMETRIC TURBULENT FLAME PROPAGATION IN HYDROGEN AIR MIXTURES AT SUPERSONIC SPEEDS
BY TAMAGNO J — DDC NUMBER 604429
TRENTACOSTE N — INSTRUMENT AF 49<638>00991
PROJ/TASK 9711 01

AFOSR 64 1473
GENERAL APPLIED SCIENCES LAB INC WESTBURY NY
LINEARIZED APPROXIMATIONS TO THE BOUNDARY LAYER EQUATIONS
BY SCHETZ J A — DDC NUMBER 604430
JANNONE J — INSTRUMENT AF 49<638>00991
PROJ/TASK 9711 01

AFOSR 64 1474
ILLINOIS U URBANA
THE STABILITY OF ELECTRIFIED LIQUID SURFACES
BY SCHNEIDER J M — DDC NUMBER 604431
INSTRUMENT AF/AFOSR /0107/64
PROJ/TASK 9752 01

AFOSR 64 1475
TEXAS U AUSTIN
CYCLOTRON RESONANCE IN SLIGHTLY IONIZED GASES
J CHEM PHYS V39 N7 PP1653/1661 1 OCT 1963
BY FEHSENFELD F C — DDC NUMBER 445170
INSTRUMENT AF/AFOSR /0270/62
PROJ/TASK 9750 02

AFOSR 64 1476
TEXAS U AUSTIN
SPECTRA EXCITED IN A HELIUM AFTERGLOW
J CHEM PHYS V40 N3 PP701/712 1 FEB 1964
BY COLLINS C B — DDC NUMBER 445173
ROBERTSON W W — INSTRUMENT AF/AFOSR /0273/63
PROJ/TASK 9750 02

AFOSR 64 1477
TEXAS U AUSTIN
HELIUM AFTERGLOW. II. MOLECULAR SPECTRUM
J CHEM PHYS V40 N8 PP2208/2211 APR 64
BY COLLINS C B — DDC NUMBER 445175
ROBERTSON W W — INSTRUMENT AF/AFOSR /0273/63
PROJ/TASK 9750 02

AFOSR 64 1478
ILLINOIS U URBANA
PARAMETERS INFLUENCING THE CHARGE TO MASS RATIO OF-
ELECTRICALLY SPRAYED LIQUID PARTICLES
BY HOGAN J J
DDC NUMBER 604583
INSTRUMENT AF/AFOSR /0107/63
PROJ/TASK 9752 01

AFOSR 64 1479
PURDUE U LAFAYETTE IND
CONTINUOUS MEASUREMENT OF THE BURNING RATES OF SOLID
ROCKET PROPELLANTS
BY OSBORN J R
BURICK R J
DDC NUMBER 601648
INSTRUMENT AF/AFOSR /0207/63
PROJ/TASK 9751 01

AFOSR 64 1480
PURDUE U LAFAYETTE IND
ANALYSIS OF A SERVO SYSTEM FOR CONTINUOUS MEASUREMENT
OF THE BURNING RATE OF A SOLID PROPELLANT
BY OSBORN J R
PANELLA R F
DDC NUMBER 604556
INSTRUMENT AF/AFOSR /0207/63
PROJ/TASK 9751 01

AFOSR 64 1481
TEXAS U AUSTIN
SPECTRA EXCITED IN AN ARGON AFTERGLOW
J CHEM PHYS V40 N9 PP2619/2626 MAY 64
BY PRINCE J F
COLLINS C B
ROBERTSON W W
DDC NUMBER 445167
INSTRUMENT AF/AFOSR /0273/63
PROJ/TASK 9750 02

AFOSR 64 1482
TEXAS U AUSTIN
HELIUM AFTERFLOW.I.ATOMIC SPECTRUM
J CHEM PHYS V40 N8 PP2202/2208 APR 64
BY COLLINS C B
ROBERTSON W W
DDC NUMBER 445168
INSTRUMENT AF/AFOSR /0273/63
PROJ/TASK 9750 02

AFOSR 64 1483
TEXAS U AUSTIN
SPECTRAL EMISSION OF THE HELIUM AFTERGLOW
J CHEM PHYS V40 N10 PP2909/2914 MAY 1964
BY NILES F E
ROBERTSON W W
DDC NUMBER 445169
INSTRUMENT AF/AFOSR /0273/63
PROJ/TASK 9750 02

AFOSR 64 1484
WISCONSIN U MADISON
A NOTE ON THE STABILITY OF PEER JUDGMENTS IN INDEPENDENT
SITUATIONS
J PSYCHOL STUDIES V14 N1 PP45/47 1963
BY BORGATTA E F
SPERLING B C
DDC NUMBER 445171
INSTRUMENT AF/AFOSR /0016/62
PROJ/TASK 9778 02

AFOSR 64 1485
WISCONSIN U MADISON
A NEW SYSTEMATIC INTERACTION OBSERVATION SYSTEM / BEHAVIOR
SCORES SYSTEM /BSS SYSTEM/
J PSYCHOL STUDIES V14 N1 PP24/44 1963
BY BORGATTA E F
DDC NUMBER 445172
INSTRUMENT AF/AFOSR /0016/62
PROJ/TASK 9778 02

AFOSR 64 1486
HEBREW U JERUSALEM ISRAEL
CORRELATES OF AMBIVALENCE, RISK / TAKING AND RIGIDITY
BY MINKOWICH A
DDC NUMBER 604585
INSTRUMENT AF/EOAR /0062/63
PROJ/TASK 9778 01

AFOSR 64 1489
PITTSBURGH U PA
SOME N / BUTYL AND PHENYL PHOSPHONIUM SALTS
J CHEM ENG DATA V9 N2 P255 APR 64
BY WITSCHARD G
GRIFFIN C F
DDC NUMBER 446142
INSTRUMENT AF/AFOSR /0048/62
PROJ/TASK 9762 01

AFOSR 64 1490
COLUMBIA U NEW YORK N Y
OPTICAL PUMPING AND CHEMICAL REACTIONS
J CHEM PHYS V40 N6 PP1678/1683 MAR 1964
BY MCNEAL R J
BERNHEIM R A
BERSOHN R
DORFMAN M
DDC NUMBER 446351
INSTRUMENT AF/AFOSR /0228/62
PROJ/TASK 9760 02

AFOSR 64 1491
COLUMBIA U NEW YORK N Y
SPIN RELAXATION OF OPTICALLY PUMPED RUBIDIUM ATOMS IN
MOLECULAR BUFFER GASES
J CHEM PHYS V40 N4 PP1089/1098 FEB 1964
BY MCNEAL R J
DDC NUMBER 446143
INSTRUMENT AF/AFOSR /0228/62
PROJ/TASK 9760 02

AFOSR 64 1492
STANFORD U CALIF
CONFIGURATION OF THE POLY-/ /DIMETHYLSILOXANE/ CHAIN.
I. THE TEMPERATURE COEFFICIENT OF THE UNPERTURBED
EXTENSION. II.UNPERTURBED DIMENSIONS AND SPECIFIC SOLVENT
EFFECTS III. CORRELATION OF THEORY AND EXPERIMENT
J AM CHEM SOC V86 PP138/152 JAN 1964
BY MARK J E
FLORY P J
CRESCENZI V
DDC NUMBER 445929
INSTRUMENT AF/AFOSR /0131/62
PROJ/TASK 9760 03

AFOSR 64 1493
STANFORD U CALIF
MEAN SQUARE MOMENTS OF CHAIN MOLECULES
PROC NAT ACAD SCI V51 N6 PP1060/1067 JUN 1964
BY FLORY P J
DDC NUMBER 446119
INSTRUMENT AF/AFOSR /0131/62
PROJ/TASK 9760 03

AFOSR 64 1494
STANFORD U CALIF
THE TEMPERATURE COEFFICIENT OF THE POLYDIMETHYLSILOXANE
CHAIN CONFIGURATION FROM SWELLING EQUILIBRIUM /
MEASUREMENTS
J PHYS CHEM V68 N5 PP1092/1095 MAY 1964
BY MARK J E
DDC NUMBER 445931
INSTRUMENT AF/AFOSR /0131/62
PROJ/TASK 9760 03

AFOSR 64 1495
INDIANA U BLOOMINGTON
DIAMAGNETIC NUCLEAR SHIELDING CONSTANTS FOR NEUTRAL ATOMS
J CHEM PHYS V40 N11 PP3447/3448 JUN 1964
BY BONHAM R A
STRAND T G
DDC NUMBER 446140
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1496
INDIANA U BLOOMINGTON
THE THEORY OF ELECTRON SCATTERING FROM MOLECULES. I.
THEORETICAL DEVELOPMENT
J PHYS CHEM V67 PP1472/1474 JUL 1963
BY IIJIMA T
BONHAM R A
ANDO T
DDC NUMBER 446126
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1497
INDIANA U BLOOMINGTON
THE THEORY OF ELECTRON SCATTERING FROM MOLECULES II.
MOLECULAR HYDROGEN
J PHYS CHEM V67 PP2266/2272 NOV 1963
BY BONHAM R A
IIJIMA T
DDC NUMBER 446125
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1498
INDIANA U BLOOMINGTON
MODIFICATION TO THE NEWTON/RAPHSON METHOD FOR THE FITTING
OF NONLINEAR FUNCTIONS BY LEAST SQUARES
J CHEM PHYS V39 N5 PP1307/1310 SEP 63
BY STRAND T G
KOHL D A
BONHAM R A
DDC NUMBER 446358
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1499
INDIANA U BLOOMINGTON
ANALYTICAL EXPRESSIONS FOR POTENTIALS OF NEUTRAL THOMAS /
FERMI / DIRAC ATOMS AND FOR THE CORRESPONDING ATOMIC
SCATTERING FACTORS FOR X/RAYS AND ELECTRONS
J CHEM PHYS V39 N9 PP2200/2204 NOV 63
BY BONHAM R A
STRAND T G
DDC NUMBER 446362
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1500
INDIANA U BLOOMINGTON
X/RAY SCATTERING FACTOR OF A HYDROGEN ATOM IN A HYDROGEN
MOLECULE
ACTA CRYST V16 PT10 PP1061/1062 OCT 1963
BY IIJIMA T
BONHAM R A
DDC NUMBER 446363
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1501
INDIANA U BLOOMINGTON
THEORY OF THE EFFECT OF TEMPERATURE ON THE ELECTRON
DIFFRACTION PATTERNS OF DIATOMIC MOLECULES
J CHEM PHYS V38 N10 PP2319/2325 MAY 1963
BY BONHAM R A
PEACHER J L
DDC NUMBER 446360
INSTRUMENT AF/AFOSR /0322/62
PROJ/TASK 9760 02

AFOSR 64 1502
MINNESOTA U MINNEAPOLIS
SOLVOLYTIC DEOXYMERCURATION CATALYZED BY IODIDE ION
J ORG CHEM V29 PP1639/1640 1964
BY KREEVOY MM
TURNER M A
DDC NUMBER 446364
INSTRUMENT AF/AFOSR /0016/63
PROJ/TASK 9762 02

AFOSR 64 1503
VICTORIA U WELLINGTON NEW ZEALAND
SURFACE ADSORPTION OF 57CO /57FE ON IRON/II/ AND COBALT/II/
OXALATES.
J CHEM SOC V130 PP653/658 FEB 64
BY DUNCAN J F
BRADY P R
DDC NUMBER 446357
INSTRUMENT AF/AFOSR /0027/63
PROJ/TASK 9710 03

AFOSR 64 1504
IOWA STATE U OF SCIENCE AND TECH AMES
NATURE OF THE POLAR EFFECT IN REACTIONS OF ATOMS AND
RADICALS. II. REACTIONS OF CHLORINE ATOMS AND PEROXY
RADICALS
J AM CHEM SOC V86 PP2357/2364 JUN 1964
BY RUSSELL G A
WILLIAMSON R C JR
DDC NUMBER 446120
INSTRUMENT AF/AFOSR /0038/63
PROJ/TASK 9762 01

AFOSR 64 1505
IOWA STATE U OF SCIENCE AND TECH AMES
DIRECTIVE EFFECTS IN ALIPHATIC SUBSTITUTIONS. XXV.
REACTIVITY OF ARALKANES, ARALKENES, AND BENZYLIC ETHERS
TOWARD PEROXY RADICALS
J AM CHEM SOC V86 PP2364/2367 JUN 1964
BY RUSSELL G A
WILLIAMSON R C JR
DDC NUMBER 446120
INSTRUMENT AF/AFOSR /0038/63
PROJ/TASK 9762 01

AFOSR 64 1506
NORTH DAKOTA STATE U FARGO
THE ANODIC OXIDATION OF CHLORIDE TO PERCHLORATE ON A SEMI /
MICRO SCALE
J INORG NUCL CHEM V26 PP663/665 1964
BY BILLIGMEIER J E
MCDONALD R L
DDC NUMBER 446368
INSTRUMENT AF/AFOSR /0065/63
PROJ/TASK 9710 02

AFOSR 64 1507
AEROJET-GENERAL CORP AZUSA CALIF
SPECTRA OF MATRIX ISOLATED WATER IN THE PURE ROTATION REGION
J CHEM PHYS V39 N12 PP3430/3432 15 DEC 1963
BY ROBINSON D W
DDC NUMBER 446124
INSTRUMENT AF/AFOSR /0093/63
PROJ/TASK 9752

AFOSR 64 1508
OREGON STATE U CORVALLIS
MECHANISMS OF REACTIONS OF SULFINIC ACIDS. VI. THE MECHANISM OF THE DISULFIDE / SULFINIC ACID REACTION
J AM CHEM SOC V86 PP2270/2278 JUN 1964
BY KICE J L
MORKVED E H
DDC NUMBER 446141
INSTRUMENT AF/AFOSR /0106/63
PROJ/TASK 9762 03

AFOSR 64 1509
OKLAHOMA STATE U STILLWATER
NUCLEOPHILIC DISPLACEMENT REACTIONS ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS. I
J AM CHEM SOC V86 PP1787/1790 MAY 1964
BY BERLIN K D
AUSTIN T H
STONE K L
DDC NUMBER 446110
INSTRUMENT AF/AFOSR /0132/63
PROJ/TASK 9762 02

AFOSR 64 1510
OKLAHOMA STATE U STILLWATER
UNSYMMETRICAL TERTIARY PHOSPHINE OXIDES FROM DIPHENYL PHENYLPHOSPHONATE / A CONVENIENT SYNTHESIS
CHEM IND /LONDON/ PP974/975 6 JUN 1964
BY BERLIN K D
NAGABHUSHANAM M
DDC NUMBER 446118
INSTRUMENT AF/AFOSR /0132/63
PROJ/TASK 9762 02

AFOSR 64 1511
CORNELL U ITHACA N Y
THE CATION RADICAL OF TETRAKIS/DIMETHYLAMINO/ ETHYLENE
J AM CHEM SOC V86 PP2101/2105 JUN 1964
BY KUWATA K
GESKE D H
DDC NUMBER 446115
INSTRUMENT AF/AFOSR /0166/63
PROJ/TASK 9762 03

AFOSR 64 1512
YALE U NEW HAVEN CONN
ATOMIC COLLISION PROCESSES. RADIATIVE CAPTURE OF ELECTRONS BY HALOGEN ATOMS
PROC INTERN CONF PHYS ELECTRON ATOMIC COLLISIONS 3RD LONDON 22/26 JULY 1963 PP543/548
BY BERRY R S
DAVID C W
DDC NUMBER 446114
INSTRUMENT AF/AFOSR /0183/63
PROJ/TASK 9760 02

AFOSR 64 1513
PITTSBURGH U PA
MAGNETIC CHARACTERISTICS OF LAVES PHASES CONTAINING LANTHANIDE METALS COMBINED WITH NICKEL
J APPL PHYS V34 N4 PT2 PP1356/1357 APR 63
BY SKRABEK E A
WALLACE W F
DDC NUMBER 446361
INSTRUMENT AF/AFOSR /0187/63
PROJ/TASK 9710 02

AFOSR 64 1514
PITTSBURGH U PA
MAGNETIC PROPERTIES OF GDFE2 AND DYFE2
J CHEM PHYS V40 N4 PP1167/1168 FEB 64
BY MANSMANN M
WALLACE W F
DDC NUMBER 446359
INSTRUMENT AF/AFOSR /0187/63
PROJ/TASK 9710 02

AFOSR 64 1515
KANSAS U LAWRENCE
POLAROGRAPHIC EVALUATION OF THE FORMATION CONSTANTS OF AQUO / COPPER/II/ COMPLEXES IN ACETONE
INORG CHEM V3 N5 PP661/663 MAY 1964
BY NELSON I V
IWAMOTO R T
DDC NUMBER 446370
INSTRUMENT AF/AFOSR /0220/63
PROJ/TASK 9710 03

AFOSR 64 1516
KANSAS U LAWRENCE
VOLTAMMETRIC EVALUATION OF THE STABILITY OF TRICHLORIDE, TRIBROMIDE, AND TRIIODIDE IONS IN NITROMETHANE, ACETONE AND ACETONITRILE
J ELECTROANAL CHEM V7 PP218/221 1964
BY NELSON I V
IWAMOTO R T
DDC NUMBER 446374
INSTRUMENT AF/AFOSR /0220/63
PROJ/TASK 9710 03

AFOSR 64 1517
PRINCETON U N J
INFRARED SPECTROSCOPIC STUDY OF ISONITRILE DERIVATIVES OF THE IRON CARBONYL HALIDES
INORG CHEM V3 N4 PP584/589 APR 1964
BY TAYLOR R C
HORROCKS W D JR
DDC NUMBER 446135
INSTRUMENT AF/AFOSR /0242/63
PROJ/TASK 9710 01

AFOSR 64 1518
CANTERBURY U CHRISTCHURCH NEW ZEALAND
PHOTOMETRIC STUDY OF THE REACTION OF IODINE WITH ACTIVE NITROGEN
J PHYS CHEM V68 N2 PP362/367 FEB 1964
BY FREEMAN C G
PHILLIPS L F
DDC NUMBER 446348
INSTRUMENT AF/AFOSR /0264/63
PROJ/TASK 9760 02

AFOSR 64 1519
NEW YORK STATE U OF RESEARCH FOUNDATION BUFFALO
DIELECTRIC CONSTANT OF HYDROGEN BONDED LIQUIDS.III. SUPERHEATED ALCOHOLS
J CHEM PHYS V40 N10 PP3058/3066 MAY 64
BY DANNHAUSER W
BAHE L W
DDC NUMBER 446369
INSTRUMENT AF/AFOSR /0271/63
PROJ/TASK 9760 03

AFOSR 64 1520
INDIANA U BLOOMINGTON
THE NATURE OF THE TWO ELECTRON CHEMICAL BOND. III. NATURAL ORBITALS FOR H2
REV MOD PHYS V35 N3 PP624/629 JUL 1963
BY HAGSTROM S
SHULL H
DDC NUMBER 445930
INSTRUMENT AF/AFOSR /0362/63
PROJ/TASK 9760 01

AFOSR 64 1521
INDIANA U BLOOMINGTON
ELECTRON PAIRS IN THE BERYLLIUM ATOM
J PHYS CHEM V66 PP2281/2283 DEC 1962
BY ALLEN T L
SHULL H
DDC NUMBER 445974
INSTRUMENT AF/AFOSR /0362/63
PROJ/TASK 9760 01

AFOSR 64 1522
INDIANA U BLOOMINGTON
THE NATURE OF THE TWO ELECTRON CHEMICAL BOND. VI. NATURAL ORBITAL ANALYSIS FOR HEH POSITIVE
MOLECULAR ORBITALS IN CHEMISTRY PHYSICS AND BIOLOGY
ACADEMIC PRESS INC NEW YORK PP227/239 1964
BY ANEX B G
SHULL H
DDC NUMBER 446371
INSTRUMENT AF/AFOSR /0362/63
PROJ/TASK 9760 01

AFOSR 64 1523
INDIANA U BLOOMINGTON
CONFIGURATION INTERACTION STUDY OF THE LITHIUM HYDRIDE MOLECULE
J CHEM PHYS V36 N5 PP1361/1370 MAR 62
BY EBBING D D
DDC NUMBER 446372
INSTRUMENT AF/AFOSR /0362/63
PROJ/TASK 9760 01

AFOSR 64 1524
INDIANA U BLOOMINGTON
GROUND STATE OF THE HEH POSITIVE MOLECULE ION
J CHEM PHYS V38 N7 PP1651/1662 APR 1963
BY ANEX B G
DDC NUMBER 446373
INSTRUMENT AF/AFOSR /0362/63
PROJ/TASK 9760 01

AFOSR 64 1525
CHICAGO U ILL
ON THE KINETIC THEORY OF DENSE FLUIDS. XVI. THE IDEAL IONIC MELT
J CHEM PHYS V40 N5 PP1347/1362 MAR 64
BY BERNE B
RICE S A
DDC NUMBER 446400
INSTRUMENT AF/AFOSR /0369/63
PROJ/TASK 9760 01

AFOSR 64 1526
CHICAGO U ILL
PERTURBATION CALCULATION OF MIXED PAIR CORRELATION FUNCTIONS
PHYS FLUIDS V7 N3 PP402/406 MAR 64
BY LOWRY B A
DAVIS H T
RICE S A
DDC NUMBER 446401
INSTRUMENT AF/AFOSR /0369/63
PROJ/TASK 9760 01

AFOSR 64 1527
CHICAGO U ILL
ROLE OF HARD CORE COLLISIONS WITH LARGE ANGLE DEFLECTIONS IN THE KINETIC THEORY OF DENSE FLUIDS
J CHEM PHYS V40 N6 PP1582/1589 MAR 64
BY BERNE B
GRAY P
DDC NUMBER 446347
INSTRUMENT AF/AFOSR /0369/63
PROJ/TASK 9760 01

AFOSR 64 1528
PENNSYLVANIA U PHILADELPHIA
ISOTOPE EFFECTS FOR SOLVOLYSIS OF T / BUTYL CHLORIDE AND T / BUTYL / D9 CHLORIDE IN SOLVENT MIXTURES OF CONSTANT IONIZING POWER
J AM CHEM SOC V86 N9 P1900 MAY 1964
BY THORNTON E R
FRISONE G J
DDC NUMBER 446402
INSTRUMENT AF/AFOSR /0431/63
PROJ/TASK 9762 03

AFOSR 64 1529
MCMASTER U HAMILTON ONTARIO CANADA
CATIONS AND OXY CATIONS OF IODINE. II. SOLUTIONS OF IODOSYL SULFATE, IODINE DIOXIDE, AND IODIC ACID // IODINE MIXTURES IN SULFURIC ACID AND DILUTE OLEUM
INORG CHEM V3 N7 PP972/977 JUL 1964
BY GILLESPIE R J
SENIOR J B
DDC NUMBER 445 56
INSTRUMENT AF/AFOSR /0516/64
PROJ/TASK 9710 01

AFOSR 64 1530
MCMASTER U HAMILTON ONTARIO CANADA
THE STEREOCHEMISTRY OF FIVE / CO/ORDINATION. PART I. NON / TRANSITION ELEMENTS
J CHEM SOC PP4672/4678 OCT 1963
BY GILLESPIE R J
DDC NUMBER 446403
INSTRUMENT AF/AFOSR /0516/64
PROJ/TASK 9710 01

AFOSR 64 1531
MCMASTER U HAMILTON ONTARIO CANADA
THE STEREOCHEMISTRY OF FIVE / CO/ORDINATION. PART II. TRANSITION ELEMENTS
J CHEM SOC PP4679/4685 OCT 63
BY GILLESPIE R J
DDC NUMBER 447665
INSTRUMENT AF/AFOSR /0516/64
PROJ/TASK 9710 01

AFOSR 64 1532
MCMASTER U HAMILTON ONTARIO CANADA
IODINE OXIDE PENTAFLUORIDE
PROC CHEM SOC P278 SEPT 63
BY GILLESPIE R J
QUAIL J W
DDC NUMBER 446138
INSTRUMENT AF/AFOSR /0516/64
PROJ/TASK 9710 01

AFOSR 64 1533
NEW YORK U NEW YORK
VALIDITY OF RATE FACTORS IN FREE RADICAL AROMATIC SUBSTITUTION
J AM CHEM SOC V84 PP4152/4153 NOV 1962
BY MORRISON R T — DDC NUMBER 446137
CAZES J — INSTRUMENT AF/AFOSR /0519/64
SAMKOFF N — PROJ/TASK 9762 01
HOWE C A

AFOSR 64 1534
GEORGIA U ATHENS
ORGANIC PEROXIDES. III. THE BEHAVIOR OF CYCLOHEXANEFORMYL PEROXIDE IN THE PRESENCE OF EXCESS STABLE RADICALS. THE SIMULTANEOUS DETERMINATION OF KINETICS AND FREE RADICAL EFFICIENCIES IN THE THERMAL DECOMPOSITIONS OF FREE RADICAL INITIATORS
J AM CHEM SOC V86 PP914/918 MAR 1964
BY LAMB R C — DDC NUMBER 446136
PACIFICI J G — INSTRUMENT AF/AFOSR /0543/64
PROJ/TASK 9762 01

AFOSR 64 1535
MELLON INST OF INDUSTRIAL RESEARCH PITTSBURGH PA
NEW TYPES OF ORGANOSULFUR DERIVATIES OF METAL CARBONYLS
J AM CHEM SOC V86 N6 PP1267/1268 MAR 1964
BY KING R B — DDC NUMBER 446352
BISNETTE M B — INSTRUMENT AF/AFOSR /0580/64
PROJ/TASK 9710 02

AFOSR 64 1537
INDIANA U BLOOMINGTON
ELECTRON DIFFRACTION DETERMINATION OF THE MOLECULAR STRUCTURE OF THE BUTYL HALIDES. V. THE STRUCTURE AND CONFORMATIONAL ANALYSIS OF ISOBUTYL CHLORIDE
J AM CHEM SOC V86 PP1286/1288 5 APR 1964
BY PAULI G H — DDC NUMBER 446127
MOMANY F A — INSTRUMENT AF/AFOSR /0602/64
BONHAM R A — PROJ/TASK 9760 02

AFOSR 64 1538
INDIANA U BLOOMINGTON
ANALYTICAL EXPRESSIONS FOR THE HARTREE / FOCK POTENTIAL OF NEUTRAL ATOMS AND FOR THE CORRESPONDING SCATTERING FACTORS FOR X/RAYS AND ELECTRONS
J CHEM PHYS V40 N6 PP1686/1691 MAR 64
BY STRAND T G — DDC NUMBER 446132
BONHAM R A — INSTRUMENT AF/AFOSR /0602/64
PROJ/TASK 9760 02

AFOSR 64 1539
INDIANA U BLOOMINGTON
ON THE CALCULATION OF MULTICENTER TWO ELECTRON REPULSION INTEGRALS INVOLVING SLATER FUNCTIONS
J CHEM PHYS V40 N10 PP3083/3086 15 MAY 1964
BY BONHAM R A
PEACHER J L — INSTRUMENT AF/AFOSR /0602/64
COX H L JR — PROJ/TASK 9760 02

AFOSR 64 1540
INDIANA U BLOOMINGTON
CALCULATION OF ELECTRON SCATTERING FACTORS I. NONRELATIVISTIC THEORY
J CHEM PHYS V40 N5 PP1396/1401 1 MAR 64
BY KARLF J — DDC NUMBER 446131
BONHAM R A — INSTRUMENT AF/AFOSR /0602/64
PROJ/TASK 9760 02

AFOSR 64 1541
WISCONSIN U MADISON
TRIMETHYLAZIDO COMPOUNDS OF GROUP IVA ELEMENTS
INORG CHEM V3 N6 PP889/893 JUN 1964
BY THAYER J S — DDC NUMBER 446134
WEST R — INSTRUMENT AF/AFOSR /0623/64
PROJ/TASK 9762 02

AFOSR 64 1542
JOHNS HOPKINS U BALTIMORE MD
RARE GAS ION REACTIONS WITH AMMONIA
J AM CHEM SOC V86 PP1683/1685 MAY 1964
BY HERTEL G R — DDC NUMBER 446349
KOSKI W S — INSTRUMENT AF 49<638>00481
PROJ/TASK 9762 03

AFOSR 64 1543
JOHNS HOPKINS U BALTIMORE MD
GAS PHASE REACTIONS BETWEEN CARBON TETRACHLORIDE AND MASS ANALYZED IONS OF NITROGEN BETWEEN 3 AND 200 E. V.
J AM CHEM SOC V86 PP788/793 MAR 1964
BY WEINER E R — DDC NUMBER 446123
HERTEL G R — INSTRUMENT AF 49<638>00481
KOSKI W S — PROJ/TASK 9762 03

AFOSR 64 1544
SYRACUSE U N Y
THE EFFECT OF SOLVENT AND TEMPERATURE VARIATION ON THE VIBRATION FREQUENCY OF THE CARBONYL AND NITRILE BONDS
ADVANCES IN MOLECULAR SPECTROSCOPY PERGAMON PRESS NEW YORK 1962
BY FISHMAN E — DDC NUMBER 446350
KRASCELLA N — INSTRUMENT AF 49<638>00003
PROJ/TASK 9760

AFOSR 64 1546
MELLON INST OF INDUSTRIAL RESEARCH PITTSBURGH PA
ON THE TWO STATE MECHANISM FOR HOMOGENEOUS IONIC POLYMERIZATION
J POLYMER SCI PTC N4 PP345/360 1964
BY COLEMAN B D — DDC NUMBER 446128
FOX T G — INSTRUMENT AF 49<638>00541
PROJ/TASK 9760 01

AFOSR 64 1547
WASHINGTON U SEATTLE
INFRARED SPECTRA OF CRYSTALLINE C2H2, C2HD, AND C2D2
J CHEM PHYS V40 N7 PP2010/2017 APR 64
BY BOTTGER G L — DDC NUMBER 446121
EGGERS D F JR — INSTRUMENT AF 49<638>00797
PROJ/TASK 9710 03

AFOSR 64 1548
WASHINGTON U SEATTLE
INFRARED SPECTRUM OF CARBON DIOXIDE, ENRICHED IN OXYGEN 18
J CHEM PHYS V40 N4 PP990/1000 FEB 1964
BY BERNEY C V — DDC NUMBER 446130
EGGERS D F JR — INSTRUMENT AF 49<638>00797
PROJ/TASK 9710 03

AFOSR 64 1549
CHICAGO U ILL
PROBES FOR HIGH TEMPERATURE MAGNETIC RESONANCE
REV SCI INSTR V35 N6 PP680/682 JUN 1964
BY HAFNER S — DDC NUMBER 446129
NACHTRIEB N H — INSTRUMENT AF 49<638>01076
PROJ/TASK 9710 02

AFOSR 64 1550
CHICAGO U ILL
NUCLEAR MAGNETIC RESONANCE IN MOLTEN SALTS. I. CHEMICAL SHIFT OF CRYSTALLINE AND MOLTEN THALLIUM SALTS
J CHEM PHYS V40 N10 PP2891 2898 MAY 1964
BY HAFNER S — DDC NUMBER 446111
NACHTRIEB N H — INSTRUMENT AF 49<638>01076
PROJ/TASK 9710 02

AFOSR 64 1551
UPPSALA U SWEDEN
THE CRYSTAL STRUCTURES OF THE ADDUCTS SBCL5.POCL3.SBCL5. CH3/ 3PO AND NBCL5.POCL3
ACTA CHEM SCAND V17 N2 PP353/361 1963
BY BRANDEN C/I — DDC NUMBER 446116
LINDQVIST I — INSTRUMENT AF 61<052>00043
PROJ/TASK 9760

AFOSR 64 1552
UPPSALA U SWEDEN
THE CRYSTAL STRUCTURE OF 2HGCL2. /C2H5/2S
ARKIV KEMI V22 N5 PP83/91 JAN 1964
BY BRANDEN C/I — DDC NUMBER 446112
INSTRUMENT AF 61<052>00043
PROJ/TASK 9760

AFOSR 64 1553
UPPSALA U SWEDEN
THE CRYSTAL STRUCTURES OF HGCL2. 2/C6H5/3ASO
ACTA CHEM SCAND V17 N5 PP1363/1374 1963
BY BRANDEN C/I — DDC NUMBER 446113
INSTRUMENT AF 61<052>00043
PROJ/TASK 9760

AFOSR 64 1554
LONDON U COLL ENGLAND
MECHANISM OF BENZIDINE AND SEMIDINE REARRANGEMENTS. PART X. SUBSTRATE ISOTOPE EFFECTS ON KINETICS AND PRODUCTS OF ACID REARRANGEMENT OF THE HYDRAZOBENZENES
J CHEM SOC PP3308/3313 SEP 1962
BY BANTHORPE D V — DDC NUMBER 446117
HUGHES E D — INSTRUMENT AF 61<052>00066

AFOSR 64 1555
ROYAL INST OF TECH STOCKHOLM SWEDEN
ON THE DETERMINATION OF THE FORMATION CONSTANTS OF GEO2 OH/2 ION USING A HYDROGEN ELECTRODE. MEASUREMENTS IN 3M 2NA/CL/ MEDIUM
ACTA CHEM SCAND V17 N3 PP590 596 1963
BY INGRI N — DDC NUMBER 446139
SCHORSCH G — INSTRUMENT AF 61<052>00162
PROJ/TASK 9760

AFOSR 64 1557
ARMY RESEARCH OFFICE DURHAM N C
A PERFORMANCE MEASURE FOR GAME PLAYING PROGRAMS
BY MANNING F G — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1558
ARMY RESEARCH OFFICE DURHAM N C
SYNTHESIS OF PROBABILISTIC COMMUNICATION NETS
BY BERNARD H M — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1559
ARMY RESEARCH OFFICE DURHAM N C
TIME OPTIMAL CONTROL OF NON/LINEAR SAMPLED / DATA SYSTEMS
BY WIN S M — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1560
ARMY RESEARCH OFFICE DURHAM N C
SOME APPLICATIONS OF LINEAR GRAPHS
BY CHEN W/K — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1561
ARMY RESEARCH OFFICE DURHAM N C
SENSITIVITY CONSIDERATIONS IN OPTIMAL SYSTEM DESIGN
BY ROHRER R A
SOBRAL M JR — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1562
ARMY RESEARCH OFFICE DURHAM N C
ON QUASI / LINEAR SEQUENTIAL MACHINES
BY CHANG H Y — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1533
NEW YORK U NEW YORK
VALIDITY OF RATE FACTORS IN FREE RADICAL AROMATIC SUBSTITUTION
J AM CHEM SOC V84 PP4152/4153 NOV 1962
BY MORRISON R T — DDC NUMBER 446137
CAZES J — INSTRUMENT AF/AFOSR /0519/64
SAMKOFF N — PROJ/TASK 9762 01
HOWE C A

AFOSR 64 1534
GEORGIA U ATHENS
ORGANIC PEROXIDES. III. THE BEHAVIOR OF CYCLOHEXANEFORMYL PEROXIDE IN THE PRESENCE OF EXCESS STABLE RADICALS. THE SIMULTANEOUS DETERMINATION OF KINETICS AND FREE RADICAL EFFICIENCIES IN THE THERMAL DECOMPOSITIONS OF FREE RADICAL INITIATORS
J AM CHEM SOC V86 PP914/918 MAR 1964
BY LAMB R C — DDC NUMBER 446136
PACIFICI J G — INSTRUMENT AF/AFOSR /0543/64
PROJ/TASK 9762 01

AFOSR 64 1535
MELLON INST OF INDUSTRIAL RESEARCH PITTSBURGH PA
NEW TYPES OF ORGANOSULFUR DERIVATIES OF METAL CARBONYLS
J AM CHEM SOC V86 N6 PP1267/1268 MAR 1964
BY KING R B — DDC NUMBER 446352
BISNETTE M B — INSTRUMENT AF/AFOSR /0580/64
PROJ/TASK 9710 02

AFOSR 64 1537
INDIANA U BLOOMINGTON
ELECTRON DIFFRACTION DETERMINATION OF THE MOLECULAR STRUCTURE OF THE BUTYL HALIDES. V. THE STRUCTURE AND CONFORMATIONAL ANALYSIS OF ISOBUTYL CHLORIDE
J AM CHEM SOC V86 PP1286/1288 5 APR 1964
BY PAULI G H — DDC NUMBER 446127
MOMANY F A — INSTRUMENT AF/AFOSR /0602/64
BONHAM R A — PROJ/TASK 9760 02

AFOSR 64 1538
INDIANA U BLOOMINGTON
ANALYTICAL EXPRESSIONS FOR THE HARTREE / FOCK POTENTIAL OF NEUTRAL ATOMS AND FOR THE CORRESPONDING SCATTERING FACTORS FOR X/RAYS AND ELECTRONS
J CHEM PHYS V40 N6 PP1686/1691 MAR 64
BY STRAND T G — DDC NUMBER 446132
BONHAM R A — INSTRUMENT AF/AFOSR /0602/64
PROJ/TASK 9760 02

AFOSR 64 1539
INDIANA U BLOOMINGTON
ON THE CALCULATION OF MULTICENTER TWO ELECTRON REPULSION INTEGRALS INVOLVING SLATER FUNCTIONS
J CHEM PHYS V40 N10 PP3083/3086 15 MAY 1964
BY BONHAM R A
PEACHER J L — INSTRUMENT AF/AFOSR /0602/64
COX H L JR — PROJ/TASK 9760 02

AFOSR 64 1540
INDIANA U BLOOMINGTON
CALCULATION OF ELECTRON SCATTERING FACTORS I. NONRELATIVISTIC THEORY
J CHEM PHYS V40 N5 PP1396/1401 1 MAR 64
BY KARLF J — DDC NUMBER 446131
BONHAM R A — INSTRUMENT AF/AFOSR /0602/64
PROJ/TASK 9760 02

AFOSR 64 1541
WISCONSIN U MADISON
TRIMETHYLAZIDO COMPOUNDS OF GROUP IVA ELEMENTS
INORG CHEM V3 N6 PP889/893 JUN 1964
BY THAYER J S — DDC NUMBER 446134
WEST R — INSTRUMENT AF/AFOSR /0623/64
PROJ/TASK 9762 02

AFOSR 64 1542
JOHNS HOPKINS U BALTIMORE MD
RARE GAS ION REACTIONS WITH AMMONIA
J AM CHEM SOC V86 PP1683/1685 MAY 1964
BY HERTEL G R — DDC NUMBER 446349
KOSKI W S — INSTRUMENT AF 49<638>00481
PROJ/TASK 9762 03

AFOSR 64 1543
JOHNS HOPKINS U BALTIMORE MD
GAS PHASE REACTIONS BETWEEN CARBON TETRACHLORIDE AND MASS ANALYZED IONS OF NITROGEN BETWEEN 3 AND 200 E. V.
J AM CHEM SOC V86 PP788/793 MAR 1964
BY WEINER E R — DDC NUMBER 446123
HERTEL G R — INSTRUMENT AF 49<638>00481
KOSKI W S — PROJ/TASK 9762 03

AFOSR 64 1544
SYRACUSE U N Y
THE EFFECT OF SOLVENT AND TEMPERATURE VARIATION ON THE VIBRATION FREQUENCY OF THE CARBONYL AND NITRILE BONDS
ADVANCES IN MOLECULAR SPECTROSCOPY PERGAMON PRESS NEW YORK 1962
BY FISHMAN E — DDC NUMBER 446350
KRASCELLA N — INSTRUMENT AF 49<638>00003
PROJ/TASK 9760

AFOSR 64 1546
MELLON INST OF INDUSTRIAL RESEARCH PITTSBURGH PA
ON THE TWO STATE MECHANISM FOR HOMOGENEOUS IONIC POLYMERIZATION
J POLYMER SCI PTC N4 PP345/360 1964
BY COLEMAN B D — DDC NUMBER 446128
FOX T G — INSTRUMENT AF 49<638>00541
PROJ/TASK 9760 01

AFOSR 64 1547
WASHINGTON U SEATTLE
INFRARED SPECTRA OF CRYSTALLINE C2H2, C2HD, AND C2D2
J CHEM PHYS V40 N7 PP2010/2017 APR 64
BY BOTTGER G L — DDC NUMBER 446121
EGGERS D F JR — INSTRUMENT AF 49<638>00797
PROJ/TASK 9710 03

AFOSR 64 1548
WASHINGTON U SEATTLE
INFRARED SPECTRUM OF CARBON DIOXIDE, ENRICHED IN OXYGEN 18
J CHEM PHYS V40 N4 PP990/1000 FEB 1964
BY BERNEY C V — DDC NUMBER 446130
EGGERS D F JR — INSTRUMENT AF 49<638>00797
PROJ/TASK 9710 03

AFOSR 64 1549
CHICAGO U ILL
PROBES FOR HIGH TEMPERATURE MAGNETIC RESONANCE
REV SCI INSTR V35 N6 PP680/682 JUN 1964
BY HAFNER S — DDC NUMBER 446129
NACHTRIEB N H — INSTRUMENT AF 49<638>01076
PROJ/TASK 9710 02

AFOSR 64 1550
CHICAGO U ILL
NUCLEAR MAGNETIC RESONANCE IN MOLTEN SALTS. I. CHEMICAL SHIFT OF CRYSTALLINE AND MOLTEN THALLIUM SALTS
J CHEM PHYS V40 N10 PP2891 2898 MAY 1964
BY HAFNER S — DDC NUMBER 446111
NACHTRIEB N H — INSTRUMENT AF 49<638>01076
PROJ/TASK 9710 02

AFOSR 64 1551
UPPSALA U SWEDEN
THE CRYSTAL STRUCTURES OF THE ADDUCTS SBCL5.POCL3.SBCL5. CH3/ 3PO AND NBCL5.POCL3
ACTA CHEM SCAND V17 N2 PP353/361 1963
BY BRANDEN C/I — DDC NUMBER 446116
LINDQVIST I — INSTRUMENT AF 61<052>00043
PROJ/TASK 9760

AFOSR 64 1552
UPPSALA U SWEDEN
THE CRYSTAL STRUCTURE OF 2HGCL2. /C2H5/2S
ARKIV KEMI V22 N5 PP83/91 JAN 1964
BY BRANDEN C/I — DDC NUMBER 446112
INSTRUMENT AF 61<052>00043
PROJ/TASK 9760

AFOSR 64 1553
UPPSALA U SWEDEN
THE CRYSTAL STRUCTURES OF HGCL2. 2/C6H5/3ASO
ACTA CHEM SCAND V17 N5 PP1363/1374 1963
BY BRANDEN C/I — DDC NUMBER 446113
INSTRUMENT AF 61<052>00043
PROJ/TASK 9760

AFOSR 64 1554
LONDON U COLL ENGLAND
MECHANISM OF BENZIDINE AND SEMIDINE REARRANGEMENTS. PART X. SUBSTRATE ISOTOPE EFFECTS ON KINETICS AND PRODUCTS OF ACID REARRANGEMENT OF THE HYDRAZOBENZENES
J CHEM SOC PP3308/3313 SEP 1962
BY BANTHORPE D V — DDC NUMBER 446117
HUGHES E D — INSTRUMENT AF 61<052>00066

AFOSR 64 1555
ROYAL INST OF TECH STOCKHOLM SWEDEN
ON THE DETERMINATION OF THE FORMATION CONSTANTS OF GEO2 OH/2 ION USING A HYDROGEN ELECTRODE. MEASUREMENTS IN 3M 2NA/CL/ MEDIUM
ACTA CHEM SCAND V17 N3 PP590 596 1963
BY INGRI N — DDC NUMBER 446139
SCHORSCH G — INSTRUMENT AF 61<052>00162
PROJ/TASK 9760

AFOSR 64 1557
ARMY RESEARCH OFFICE DURHAM N C
A PERFORMANCE MEASURE FOR GAME PLAYING PROGRAMS
BY MANNING F G — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1558
ARMY RESEARCH OFFICE DURHAM N C
SYNTHESIS OF PROBABILISTIC COMMUNICATION NETS
BY BERNARD H M — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1559
ARMY RESEARCH OFFICE DURHAM N C
TIME OPTIMAL CONTROL OF NON/LINEAR SAMPLED / DATA SYSTEMS
BY WIN S M — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1560
ARMY RESEARCH OFFICE DURHAM N C
SOME APPLICATIONS OF LINEAR GRAPHS
BY CHEN W/K — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1561
ARMY RESEARCH OFFICE DURHAM N C
SENSITIVITY CONSIDERATIONS IN OPTIMAL SYSTEM DESIGN
BY ROHRER R A
SOBRAL M JR — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1562
ARMY RESEARCH OFFICE DURHAM N C
ON QUASI / LINEAR SEQUENTIAL MACHINES
BY CHANG H Y — INSTRUMENT DA /28/043/AMC/00073
PROJ/TASK 4751

AFOSR 64 1592
RICE U HOUSTON TEX
ON THE ADJOINT OF A CLOSED TRANSFORMATION
PROC AM MATH SOC V15 N2 PP239/240 APR 1964
BY BROWN A
DDC NUMBER 446534
INSTRUMENT AF/AFOSR /0234/62
PROJ/TASK 9749 02

AFOSR 64 1593
RICE U HOUSTON TEX
ALGEBRAIC PROPERTIES OF TOEPLITZ OPERATORS
J REINE ANGEW MATH V213 N1-2 PP89/102 1963
BY BROWN A
HALMOS P R
DDC NUMBER 446535
INSTRUMENT AF/AFOSR /0234/62
PROJ/TASK 9749 02

AFOSR 64 1594
CHICAGO U ILL
ON THE KINETIC THEORY OF DENSE FLUIDS. XV. SOME COMMENTS ON THE RICE/ALLNATT THEORY
J CHEM PHYS V40 N5 PP1336/1346 MAR 1964
BY BERNE B
RICE S A
DDC NUMBER 446528
INSTRUMENT AF/AFOSR /0369/63
PROJ/TASK 9760 01

AFOSR 64 1600
NEW YORK U NEW YORK
SEPARATION OF VARIABLES AND ALTERNATIVE REPRESENTATIONS FOR NON/SELFADJOINT BOUNDARY VALUE PROBLEMS
COMMUN PURE APPL MATH V17 N1 PP1/22 FEB 1964
BY COHEN D S
DDC NUMBER 446506
INSTRUMENT AF 49<638>00229
PROJ/TASK 9749 02

AFOSR 64 1601
NEW YORK U NEW YORK
EIGENFUNCTION EXPANSIONS AND NON/SELFADJOINT BOUNDARY VALUE PROBLEMS
COMMUN PURE APPL MATH V17 N1 PP23/34 FEB 1964
BY COHEN D S
DDC NUMBER 446408
INSTRUMENT AF 49<638>00229
PROJ/TASK 9749 02

AFOSR 64 1602
PRINCETON U N J
LIMITS AND SPECTRAL SEQUENCES
TOPOLOGY V1 PP1/24 JAN/MAR 62
BY EILENBERG S
MOORE J C
DDC NUMBER 446530
INSTRUMENT AF 49<638>00431
PROJ/TASK 9749 02

AFOSR 64 1603
STANFORD U CALIF
THE GENERAL THEORY OF MARKOV PROCESSES ACCORDING TO DOEBLIN
Z WAHRSCHEINLICHKEITSTHEORIE V2 PP230/254 1964
BY CHUNG K L
DDC NUMBER 446407
INSTRUMENT AF 49<638>01339
PROJ/TASK 9749 02

AFOSR 64 1604
TECHNISCHE HOCHSCHULE MUNICH WEST GERMANY
EXPERIMENTAL RESULTS ON THE METHOD OF NEBENCHARAKTERISTIKEN
SCIENTIFIC REPORT NO 1 JUN 1964
BY WERNER W
DDC NUMBER 605507
INSTRUMENT AF/EOAR /0077/63
PROJ/TASK 9749 01

AFOSR 64 1605
LONDON U KINGS COLL ENGLAND
INFLUENCE OF IONIC SOLUTES UPON RELAXATION TIMES
BY GOLD V
DDC NUMBER 605723
INSTRUMENT AF 61<052>00458
PROJ/TASK 9710 02

AFOSR 64 1606
CATHOLIC U OF AMERICA WASHINGTON D C
A LINEAR MAPPING OF THE SPACE OF DISTRIBUTION FUNCTIONS ONTO A SET OF BOUNDED CONTINUOUS FUNCTIONS
Z WAHRSCHEINLICHKEITSTHEORIE V3 PP1/6 1964
BY LUKACS E
DDC NUMBER 446897
INSTRUMENT AF/AFOSR /0032/61

AFOSR 64 1607
CATHOLIC U OF AMERICA WASHINGTON D C
ON IDENTICALLY DISTRIBUTED STOCHASTIC INTEGRALS
TRANS PRAGUE CONF INFORM THEORY STATIST DECISION FUNCTIONS RANDOM PROCESSES 3RD PRAGUE 5/13 JUN 1962 PP467/474 1964
BY LAHA R G
LUKACS E
DDC NUMBER 446898
INSTRUMENT AF/AFOSR /0032/61

AFOSR 64 1608
JOHNS HOPKINS U BALTIMORE MD
ON THE ASYMPTOTIC INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
PACIFIC J MATH V13 N4 PP1193/1207 1963
BY HARTMAN P
ONUCHIC N
DDC NUMBER 446894
INSTRUMENT AF/AFOSR /0045/62
PROJ/TASK 9749 02

AFOSR 64 1609
CASE INST OF TECH CLEVELAND OHIO
RELATIONS AMONG MOMENTS OF ORDER STATISTICS IN SAMPLES FROM TWO RELATED POPULATIONS
TECHNOMETRICS V5 N4 PP514/518 NOV 1963
BY GOVINDARAJULU Z
DDC NUMBER 446893
INSTRUMENT AF/AFOSR /0072/62
PROJ/TASK 9749 02

AFOSR 64 1610
MINNESOTA U MINNEAPOLIS
ON A NOTE BY Q. G. MOHAMMAD
AM MATH MONTHLY V71 N1 PP54/55 JAN 1964
BY GUGGENHEIMER H
DDC NUMBER 446892
INSTRUMENT AF/AFOSR /0093/62
PROJ/TASK 9749 02

AFOSR 64 1611
NEW YORK U NEW YORK
A UNIQUENESS THEOREM FOR THE REDUCED WAVE EQUATION
COMMUN PURE APPL MATH V17 N2 PP147/176 MAY 1964
BY LEVINE L M
DDC NUMBER 446900
INSTRUMENT AF/AFOSR /0108/62
PROJ/TASK 9749 02

AFOSR 64 1612
NEW YORK U NEW YORK
INSTABILITY INTERVALS OF HILLS EQUATION
COMMUN PURE APPL MATH V16 N4 PP469/476 NOV 1963
BY LEVY D M
KELLER J B
DDC NUMBER 446872
INSTRUMENT AF/AFOSR /0108/62
PROJ/TASK 9749 02

AFOSR 64 1613
NEW YORK U NEW YORK
AN ATYPICAL PROBLEM FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS
COMMUN PURE APPL MATH V17 N1 PP93/100 FEB 1964
BY LEWIS R M
DDC NUMBER 446899
INSTRUMENT AF/AFOSR /0108/62
PROJ/TASK 9749 02

AFOSR 64 1614
CHICAGO U ILL
ON THE DIFFERENTIABILITY OF FUNCTIONS
STUDIA MATH V23 PP247/283 AUG 1964
BY STEIN E M
ZYGMUND A
DDC NUMBER 446895
INSTRUMENT AF/AFOSR /0118/62
PROJ/TASK 9749 02

AFOSR 64 1615
INST FOR ADVANCED STUDY PRINCETON N J
ON THE GREEN FUNCTION OF A REGION OBTAINED BY REPEATED REFLEXIONS / GERMAN /
KGL NORSKE VIDENSKAB SELSKABS FORH V36 N38 PP177/184 1963
BY SELBERG H L VON
DDC NUMBER 446896
INSTRUMENT AF/AFOSR /0124/62
PROJ/TASK 9749 02

AFOSR 64 1616
MASSACHUSETTS INST OF TECH CAMBRIDGE
HIGH SPEED VISCOUS AND REACTING FLOWS. FINAL REPORT. JUL 1964
BY BARON J R
DDC NUMBER 605725
INSTRUMENT AF/AFOSR /0407/62
PROJ/TASK 9781 02

AFOSR 64 1617
ILLINOIS U URBANA
ON THE TOPOLOGY OF POSITIVELY CURVED KAEHLER MANIFOLDS
TOHOKU MATH J V15 N4 PP359/364 DEC 1963
BY BISHOP R L
GOLDBERG L S I
DDC NUMBER 446886
INSTRUMENT AF/AFOSR /0129/62
PROJ/TASK 9749 02

AFOSR 64 1618
CALIFORNIA U BERKELEY
HOMOMORPHISMS OF NON COMMUTATIVE STAR / ALGEBRAS
PACIFIC J MATH V13 N4 PP1097/1109 1963
BY CLEVELAND S B
DDC NUMBER 446885
INSTRUMENT AF/AFOSR /0140/62
PROJ/TASK 9749 02

AFOSR 64 1619
PENNSYLVANIA U PHILADELPHIA
ON THE INDEX OF ELLIPTIC OPERATORS ON CLOSED SURFACES
AM J MATH V85 N4 PP597/632 OCT 63
BY KOPPELMAN W
DDC NUMBER 446884
INSTRUMENT AF/AFOSR /0166/62
PROJ/TASK 9749 02

AFOSR 64 1620
MINNESOTA U MINNEAPOLIS
ENTROPY AND SINGULARITY OF INFINITE CONVOLUTIONS
PACIFIC J MATH V13 N4 PP1159/1169 1963
BY GARSIA A M
DDC NUMBER 446883
INSTRUMENT AF/AFOSR /0173/62
PROJ/TASK 9749 02

AFOSR 64 1621
HARVARD U CAMBRIDGE MASS
PADE APPROXIMANTS AS LIMITS OF RATIONAL FUNCTIONS OF BEST APPROXIMATION
J MATH MECH V13 N2 PP305/312 MAR 1964
BY WALSH J L
DDC NUMBER 446882
INSTRUMENT AF/AFOSR /0198/62
PROJ/TASK 9749 02

AFOSR 64 1622
HARVARD U CAMBRIDGE MASS
THE ROLE OF THE APPELL TRANSFORMATION IN THE THEORY OF HEAT CONDUCTION
TRANS AM MATH SOC V109 N1 PP121/134 OCT 1963
BY WIDDER D V
DDC NUMBER 446881
INSTRUMENT AF/AFOSR /0198/62
PROJ/TASK 9749 02

AFOSR 64 1624
MINNESOTA U MINNEAPOLIS
ON FUNCTIONS THAT COMMUTE WITH FULL FUNCTIONS
NIEUW ARCH WISK V12 PP12/18 1964
BY BAXTER G
JOICHI J T
DDC NUMBER 446880
INSTRUMENT AF/AFOSR /0252/62
PROJ/TASK 9749 02

AFOSR 64 1625
MINNESOTA U MINNEAPOLIS
AN ERGODIC THEOREM WITH WEIGHTED AVERAGES
J MATH MECH V13 N3 PP481/488 MAY 1964
BY BAXTER G
DDC NUMBER 446879
INSTRUMENT AF/AFOSR /0252/62
PROJ/TASK 9749 02

AFOSR 64 1626
BRITISH COLUMBIA U VANCOUVER CANADA
ON HAUSDORFF MEASURES IN TOPOLOGICAL SPACES
MONATSH MATH V67 N3 PP269/278 1963
BY ROGERS C A — DDC NUMBER 446891
SION M — INSTRUMENT AF/AFOSR /0261/62
PROJ/TASK 9749 02

AFOSR 64 1627
MARTIN MARIETTA CORP DENVER COLO
EFFECT OF INITIAL IMPERFECTIONS ON THE STABILITY OF SHALLOW SPHERICAL SHELLS, FINAL REPORT, AUG 1964
BY THURSTON G A — INSTRUMENT AF 49<638>01316
PENNING F A — PROJ/TASK 9782 01

AFOSR 64 1629
ERLANGEN U WEST GERMANY
A NOTE ON PSEUDOCONVEX MANIFOLDS / GERMAN /
MATH Z V81 PP377/391 1963
BY GRAUERT H — DDC NUMBER 446877
INSTRUMENT AF/EOAR /0050/61
PROJ/TASK 9749 02

AFOSR 64 1630
ERLANGEN U WEST GERMANY
APPROXIMATION OF ANALYTIC SECTIONS IN FIBER BUNDLES WITH HOMOGENEOUS FIBER / GERMAN /
ARCH MATH V14 N4/5 PP328/333 1963
BY GRAUERT H — DDC NUMBER 446875
KERNER H — INSTRUMENT AF/EOAR /0040/62
PROJ/TASK 9749 02

AFOSR 64 1631
ERLANGEN U WEST GERMANY
CONTRIBUTIONS TO THE THEORY OF HOLOMORPHIC FUNCTIONS ON HOMOGENEOUS COMPLEX MANIFOLDS / GERMAN /
TOPOLOGY V2 PP137/157 1963
BY REMMERT R — DDC NUMBER 446873
INSTRUMENT AF/EOAR /0040/62
PROJ/TASK 9749 02

AFOSR 64 1632
CARNEGIE INST OF TECH PITTSBURGH PA
ON AN INEQUALITY OF P. R. BEESACK
PACIFIC J MATH V14 N1 PP261/263 1964
BY NEHARI Z — DDC NUMBER 446890
INSTRUMENT AF/AFOSR /0414/62
PROJ/TASK 9749 02

AFOSR 64 1635
HEBREW U JERUSALEM ISRAEL
THE NUMBER OF HEXAGONS AND THE SIMPLICITY OF GEODESICS ON CERTAIN POLYHEDRA
CAN J MATH V15 PP744/751 1963
BY GRUNBAUM B — DDC NUMBER 446887
MOTZKIN T S — INSTRUMENT AF/EOAR /0063/63
PROJ/TASK 9749 02

AFOSR 64 1636
HEBREW U JERUSALEM ISRAEL
POWERS OF A CONTRACTION IN HILBERT SPACE
PACIFIC J MATH V13 N2 PP551/562 1963
BY FOGUEL S R — DDC NUMBER 446888
INSTRUMENT AF/EOAR /0063/63
PROJ/TASK 9749 02

AFOSR 64 1637
MINNESOTA U MINNEAPOLIS
POTENTIAL KERNELS FOR RECURRENT MARKOV CHAINS
J MATH ANAL APPL V8 N1 PP104/132 FEB 1964
BY OREY S — DDC NUMBER 446889
INSTRUMENT AF/AFOSR /0380/63
PROJ/TASK 9749 02

AFOSR 64 1639
COLORADO STATE U FORT COLLINS
SAMPLE SIZE REQUIRED TO ESTIMATE THE PARAMETER IN THE UNIFORM DENSITY WITHIN D UNITS OF THE TRUE VALUE
J AM STATIST ASSOC V59 PP550/556 JUN 1964
BY GRAYBILL F A — DDC NUMBER 446876
CONNELL T L — INSTRUMENT AF/AFOSR /0469/63
PROJ/TASK 9749 02

AFOSR 64 1640
COLORADO STATE U FORT COLLINS
SAMPLE SIZE REQUIRED FOR ESTIMATING THE VARIANCE WITHIN D UNITS OF THE TRUE VALUE
ANN MATH STATIST V35 N1 PP438/440 MAR 1964
BY GRAYBILL F A — DDC NUMBER 446878
CONNELL T L — INSTRUMENT AF/AFOSR /0469/63
PROJ/TASK 9749 02

AFOSR 64 1641
COLORADO STATE U FORT COLLINS
SAMPLE SIZE REQUIRED TO ESTIMATE THE RATIO OF VARIANCES WITH BOUNDED RELATIVE ERROR
J AM STATIST ASSOC V58 PP1044/1047 DEC 1963
BY GRAYBILL F A — DDC NUMBER 446874
CONNELL T L — INSTRUMENT AF/AFOSR /0469/63
PROJ/TASK 9749 02

AFOSR 64 1642
NEW YORK U NEW YORK
THE ENERGY DECAY OF SOLUTIONS TO THE INITIAL / BOUNDARY VALUE PROBLEM FOR THE WAVE EQUATION IN AN INHOMOGENEOUS MEDIUM
SCIENTIFIC REPORT NYU NO BR/45 JUN 1964
BY LIEBERMAN B B — DDC NUMBER 605508
INSTRUMENT AF/AFOSR /0537/64
PROJ/TASK 9749 02

AFOSR 64 1647
NEW YORK U NEW YORK
MACROSCOPIC MAGNETO / FLUID DYNAMICS, FINAL REPORT, SEP 1964
BY BERKOWITZ J — DDC NUMBER 605532
GRAD H — INSTRUMENT AF 49<638>01006
PROJ/TASK 9749 01

AFOSR 64 1648
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
STUDY OF NONLINEAR MECHANICS, FINAL REPORT, AUG 1964
BY LEFSCHETZ S — DDC NUMBER 606076
LASALLE J P — INSTRUMENT AF 49<638>01242
PROJ/TASK 9749 01

AFOSR 64 1649
TEXAS U MEDICAL BRANCH GALVESTON
POST GANGLIONIC CHOLINERGIC MEDIATION OF SYMPATHETIC NERVES, FINAL REPORT, APR 1964
BY HILTON J G — DDC NUMBER 605726
INSTRUMENT AF/AFOSR /0241/62
PROJ/TASK 9777 01

AFOSR 64 1650
TECHNISCHE HOCHSCHULE MUNICH WEST GERMANY
EXPERIMENTS ON THE EFFECTS OF COMBINED WAVELENGTHS ON PHOTOSYNTHESIS, FINAL REPORT, MAY 1964
BY KANDLER O — DDC NUMBER 606077
INSTRUMENT AF/EOAR /0010/63
PROJ/TASK 9777 01

AFOSR 64 1651
HENRI ROUSSELLE HOSPITAL PARIS FRANCE
VISCERAL AFFERENT ACTIVITY EFFECT ON BRAIN STEM RETICULAR FORMATION, FINAL REPORT, JUL 1964
BY DELL P C — DDC NUMBER 605727
INSTRUMENT AF/EOAR /0052/63
PROJ/TASK 9777 01

AFOSR 64 1661
MASSACHUSETTS INST OF TECH CAMBRIDGE
MOLECULAR BEAM / SURFACE INTERACTIONS, FINAL REPORT, SEP 64
DDC NUMBER 606078
INSTRUMENT AF/AFOSR /0131/63
PROJ/TASK 9783 01

AFOSR 64 1662
MASSACHUSETTS INST OF TECH CAMBRIDGE
PARAMETRIC AMPLIFICATION OF SURFACE AND INTERNAL WAVES, FINAL REPORT, JUN 1964
BY KELLY R E — DDC NUMBER 605728
INSTRUMENT AF/AFOSR /0156/63
PROJ/TASK 9781 02

AFOSR 64 1665
UTAH U SALT LAKE CITY
IGNITION AND COMBUSTION OF SOLID PROPELLANTS, FINAL REPORT, SEP 1963
BY MITCHELL R C — DDC NUMBER 605729
KELLER J A — INSTRUMENT AF/AFOSR /0040/63
BAER A D — PROJ/TASK 9711 01
RYAN N W

AFOSR 64 1666
PRINCETON U N J
SOLID PROPELLANT IGNITION STUDIES, IGNITION OF THE REACTION FIELD ADJACENT TO THE SURFACE OF A SOLID PROPELLANT, FINAL REPORT, DEC 1963
BY HERMANCE C E
SHINNAR R — INSTRUMENT AF/AFOSR /0092/63
WENOGRAD J — PROJ/TASK 9711 01
SUMMERFIELD M

AFOSR 64 1670
COLUMBIA U NEW YORK N Y
ROTATING ELECTRICALLY CONDUCTING FLUID IN A LONG CYLINDER
AIAA J V2 N5 PP864/871 MAY 1964
BY KESSEY K O — DDC NUMBER 448285
INSTRUMENT AF/AFOSR /0048/63
PROJ/TASK 9752 01

AFOSR 64 1671
ILLINOIS U URBANA
PHOTOMICROGRAPHY OF ELECTRICALLY SPRAYED HEAVY PARTICLES
AIAA J V2 N4 PP733/737 APR 1964
BY HENDRICKS C D JR
CARSON R S — INSTRUMENT AF/AFOSR /0107/63
HOGAN J J — PROJ/TASK 9752 01
SCHNEIDER J M

AFOSR 64 1672
CALIFORNIA U BERKELEY
LONG DURATION SPARK LIGHT SOURCE FOR STREAK SCHLIEREN PHOTOGRAPHY OF HIGH SPEED EVENTS
ISA TRANS V3 N2 PP100/107 APR 64
BY HECHT G J — DDC NUMBER 447590
LILLESTON C T — INSTRUMENT AF/AFOSR /0129/63
OPPENHEIM A K — PROJ/TASK 9711 01

AFOSR 64 1673
OHIO STATE U COLUMBUS
CHARGED PARTICLES FROM THE ENDS OF A MAGNETIC MIRROR PLASMA
BULL AM PHYS SOC SERII V8 N5 P442 24 JUN 1963
BY JOHN P K
HOLT J F — INSTRUMENT AF/AFOSR /0202/63
POOL H L — PROJ/TASK 9752 01

AFOSR 64 1674
TEXAS U AUSTIN
THE MOLECULAR SPECTRUM IN A HELIUM AFTERGLOW
PROC INTERN CONF PHYS ELECTRON ATOMIC COLLISIONS IIIRD LONDON 22/26 JULY 1963 PP517/524 1964
BY COLLINS C B — DDC NUMBER 448257
HURT W B — INSTRUMENT AF/AFOSR /0273/63
ROBERTSON W W — PROJ/TASK 9750 02

AFOSR 64 1676
CALIFORNIA U BERKELEY
GASDYNAMIC EFFECTS OF SHOCK/FLAME INTERACTIONS IN AN EXPLOSIVE GAS
BY LADERMAN A J — DDC NUMBER 606052
URTIEW P A — INSTRUMENT AF/AFOSR /0129/64
OPPENHEIM A K — PROJ/TASK 9711 01

AFOSR 64 1677
TEXAS U AUSTIN
A FLOW SYSTEM AND BURNER FOR OBSERVING SELECTIVE EXCITATION OF SPECTRA BY METASTABLE SPECIES IN THE AFTERGLOW OF A HELIUM DISCHARGE
SPECTROCHIM ACTA V19 PP747/761 1963
BY COLLINS C B — DDC NUMBER 448256
ROBERTSON W W — INSTRUMENT AF/AFOSR /0270/62
PROJ/TASK 9750 02

AFOSR 64 1682
TEXAS U MEDICAL BRANCH GALVESTON
THE EFFECTS OF NEOSTIGMINE UPON GANGLION RESPONSES AFTER ADMINISTRATION OF BLOCKING DRUGS
BRIT J PHARMACOL V21 N2 PP323/330 OCT 63
BY FENNER P A — DDC NUMBER 448259
HILTON J G — INSTRUMENT AF/AFOSR /0391/63
PROJ/TASK 9777 01

AFOSR 64 1683
LONDON U COLL ENGLAND
THE GENERAL AMPLIFICATION FUNCTION OF THE VERTICAL LOBE IN OCTOPUS VULGARIS
Z VERGLEICH PHYSIOL V47 PP215/229 1963
BY MALDONADO H — DDC NUMBER 448258
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1684
LONDON U COLL ENGLAND
THE POSITIVE LEARNING PROCESS IN OCTOPUS VULGARIS
Z VERGLEICH PHYSIOL V47 PP191/214 1963
BY MALDONADO H — DDC NUMBER 447593
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1685
LONDON U COLL ENGLAND
THE CONTROL OF ATTACK BY OCTOPUS
Z VERGLEICH PHYSIOL V47 PP656/674 1964
BY MALDONADO H — DDC NUMBER 447595
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1686
LONDON U COLL ENGLAND
DELAYED RESPONSES IN OCTOPUS
J EXP BIOL V40 N2 PP393/401 JUN 63
BY DILLY P N
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1687
LONDON U COLL ENGLAND
ELECTRON MICROSCOPY OF OPTIC NERVES AND OPTIC LOBES OF OCTOPUS AND ELEDONE
PROC ROY SOC &LONDON& SERB V158 PP446/456 1963
BY DILLY P N — DDC NUMBER 447596
GRAY E G — INSTRUMENT AF/EOAR /0002/63
YOUNG J Z — PROJ/TASK 9777 01

AFOSR 64 1688
ROCHESTER U N Y
THE PRIMARY PHOTOCHEMICAL PROCESS IN COMPLEX MOLECULES AND THE REACTIONS OF CERTAIN RADICALS. FINAL REPORT. AUG 1964
BY NOYES W A JR — DDC NUMBER 606075
INSTRUMENT AF/AFOSR /0206/63
PROJ/TASK 9760 02

AFOSR 64 1689
LONDON U COLL ENGLAND
PAIRED CENTRES FOR THE CONTROL OF ATTACK BY OCTOPUS
PROC ROY SOC /LONDON/ SERB V159 PP565/588 1964
BY YOUNG J Z — DDC NUMBER 447701
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1690
LONDON U COLL ENGLAND
THE VISUAL ATTACK LEARNING SYSTEM IN OCTOPUS VULGARIS
J THEORET BIOL V5 PP470/488 1963
BY MALDONADO H — DDC NUMBER 447703
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1691
KAROLINSKA INST STOCKHOLM SWEDEN
POLARIZATION MICROSCOPY OF DENTAL ENAMEL WITH REFERENCE TO INCIPIENT CARIOUS LESIONS
ADVANCES IN ORAL BIOLOGY ACADEMIC PRESS INC N Y V1 PP255/29 1963
BY CARLSTROM D — DDC NUMBER 447702
INSTRUMENT AF/EOAR /0011/62
PROJ/TASK 9777 01

AFOSR 64 1692
WISCONSIN U MADISON
FUNCTION OF A LIGHT RESPONSE RHYTHM IN HAMSTERS
J CELLULAR COMP PHYSIOL V63 N2 PP189/196 APR 64
BY DECOURSEY P J — DDC NUMBER 447697
INSTRUMENT AF 49<638>00691
PROJ/TASK 9777

AFOSR 64 1693
WISCONSIN U MADISON
ADAPTIVE ASPECTS OF ACTIVITY RHYTHMS IN BATS
BIOL BULL V126 N1 PP14/27 FEB 64
BY DECOURSEY G — DDC NUMBER 447698
DECOURSEY P J — INSTRUMENT AF 49<638>00691
PROJ/TASK 9777

AFOSR 64 1694
GENERAL PRECISION INC LIBRASCOPE DIV GLENDALE CALIF
NEURAL THEORY AND MODELING
PROC OJAI SYMP NEURAL THEORY MODELING OJAI CALIF 4/6 DEC 1962 STANFORD UNIV PRESS V1 PP1/427 1964
BY REISS R F
INSTRUMENT AF 49<638>01232
PROJ/TASK 9777 01

AFOSR 64 1695
GENERAL PRECISION INC LIBRASCOPE DIV GLENDALE CALIF
A THEORY OF RESONANT NETWORKS
PROC OJAI SYMP NEURAL THEORY MODELING OJAI CALIF 4/6 DEC 1962 STANFORD UNIV PRESS V1 PP105/137 1964
BY REISS R F
INSTRUMENT AF 49<638>01021
PROJ/TASK 9777 01

AFOSR 64 1696
GENERAL PRECISION INC LIBRASCOPE DIV GLENDALE CALIF
USE OF GAS / ION PROCESSES IN MODELING EXCITABLE MEMBRANE
PROC OJAI SYMP NEURAL THEORY MODELING OJAI CALIF 4/6 DEC 1962 STANFORD UNIV PRESS V1 PP213/231 1964
BY HAMILTON H J
INSTRUMENT AF 49<638>01021
PROJ/TASK 9777 01

AFOSR 64 1697
STANFORD RESEARCH INST MENLO PARK CALIF
VISUAL INFORMATION PROCESSING IN THE BEETLE LIXUS
PROC OJAI SYMP NEURAL THEORY MODELING OJAI CALIF 4/6 DEC 1962 STANFORD UNIV PRESS V1 PP325/330 1964
BY BLISS J C — DDC NUMBER 448261
INSTRUMENT AF 49<638>01112
PROJ/TASK 9777 01

AFOSR 64 1698
OXFORD U ENGLAND
MODELS AND THE INSECT BRAIN
PROC OJAI SYMP NEURAL THEORY MODELING OJAI CALIF 4/6 DEC 1962 STANFORD UNIV PRESS V1 PP377/399 1964
BY VOWLES D M
INSTRUMENT AF 61<052>00420
PROJ/TASK 9777 01

AFOSR 64 1699
KAROLINSKA INST STOCKHOLM SWEDEN
QUANTITATIVE STUDIES ON PIGMENT MIGRATION AND LIGHT SENSITIVITY IN THE COMPOUND EYE AT DIFFERENT LIGHT INTENSITIES
J GEN PHYSIOL V47 N3 PP465/478 JAN 64
BY BERNHARD C G — DDC NUMBER 448274
OTTOSON D — INSTRUMENT AF 6<605>600021
PROJ/TASK 9777 01

AFOSR 64 1701
PISA U ITALY
RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. II. THE ROLE OF DIFFERENT PAIRS OF EYES IN ASTRONOMICAL ORIENTATION
ARCH ITAL BIOL V102 PP123/136 1964
BY MAGNI F — DDC NUMBER 448265
PAPI F — INSTRUMENT AF/EOAR /0009/62
SAVELY H F — PROJ/TASK 9777 01
TONGIORGI P

AFOSR 64 1702
PISA U ITALY
RETICULAR INFLUENCES ON THE EEG
ELECTOENCEPHALOG CLIN NEUROPHYSIOL V16 PP2/17 1964
BY NORUZZI G — DDC NUMBER 448266
INSTRUMENT AF/EOAR /0009/62
PROJ/TASK 9777 01

AFOLR 64 1703
MAUDSLEY HOSPITAL LONDON ENGLAND
POLYBASIC AND POLYACIDIC SUBSTANCES OR AGGREGATES AND THE EXCITABILITY OF CEREBRAL TISSUES. ELECTRICALLY STIMULATED IN VITRO
BIOCHOM J V90 PP442/448 1964
BY MCILVAIN H — DDC NUMBER 448260
INSTRUMENT AF/EOAR /0001/63
PROJ/TASK 9777 01

AFOSR 64 1704
LONDON U COLL ENGLAND
STUDIES ON THE RECEPTORS IN THE CEREBRAL VESICLE OF THE ASCIDIAN TADPOLE. 2. THE OCELLUS
QUART J MICROSCOP SCI V105 PT1 PP13/20 1964
BY DILLY N — DDC NUMBER 448278
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1705
LONDON U COLL ENGLAND
ELECTRON MICROSCOPY OF SYNAPTIC STRUCTURE OF OCTOPUS BRAIN
J CELL BIOL V21 N1 PP87/103 1964
BY GRAY E G — DDC NUMBER 448111
YOUNG J Z — INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1706
UPPSALA U SWEDEN
HALIDE AND PROTEIN SEPARATION BY GEL FILTRATION
ACTA PHYSIOL SCAND SUPPL 213 V59 P100 1963
BY MARSDEN N V B — DDC NUMBER 448277
ULFENDAHL H R — INSTRUMENT AF/EOAR /0005/63
PROJ/TASK 9777 01

AFOSR 64 1707
CALIFORNIA U LOS ANGELES
MEMBRANE PROPERTIES OF BARNACLE MUSCLE FIBER
SCIENCE V143 N3613 PP1446/1448 MAR 64
BY HAGIWARA S — DDC NUMBER 447599
NAKA K/I — INSTRUMENT AF/AFOSR /0535/64
CHICHIBU S — PROJ/TASK 9777 01

AFOSR 64 1708
PENNSYLVANIA U PHILADELPHIA
PURIFICATION OF LUTEINIZING HORMONE RELEASING FACTOR FROM BEEF HYPOTHALAMUS
PROC SOC EXP BIOL MED V115 PP1072/1076 1964
BY RAMIREZ V D — DDC NUMBER 448268
NALLAR R — INSTRUMENT AF/AFOSR /0133/62
MCCANN S M — PROJ/TASK 9777 01

AFOSR 64 1709
PISA U ITALY
ACTIVE PROCESSES IN THE BRAIN STEM DURING SLEEPING
THE HARVEY LECTURES SER 58 ACADEMIC PRESS N Y PP233/297
1963
BY MORUZZI G — DDC NUMBER 448273
INSTRUMENT AF/EOAR /0009/62
PROJ/TASK 9777 01

AFOSR 64 1710
PISA U ITALY
SLOW PERIODICITY IN THE DARK DISCHARGE OF RETINAL UNITS
EXPERIENTIA V20 PP226/227 1964
BY ASCOLI D — DDC NUMBER 448264
MAFFEI L — INSTRUMENT AF/EOAR /0009/62
PROJ/TASK 9777 01

AFOSR 64 1711
MAUDSLEY HOSPITAL LONDON ENGLAND
ACTIONS OF HALOPERIDOL, MEPERIDINE, AND RELATED COMPOUNDS
ON THE EXCITABILITY AND ION CONTENT OF ISOLATED CEREBRAL
TISSUE
BIOCHEM PHARMACOL V13 PP523/529 1964
BY MCILVWIN H — DDC NUMBER 447704
INSTRUMENT AF/EOAR /0001/63
PROJ/TASK 9777 01

AFOSR 64 1712
LONDON U COLL ENGLAND
INTERFERENCE IN LEARNING AND LESIONS IN THE VISUAL SYSTEM
OF OCTOPUS VULGARIS
BEHAVIOUR V21 PP233/245 1963
BY PARRISS J R — DDC NUMBER 448263
INSTRUMENT AF/EOAR /0002/63
PROJ/TASK 9777 01

AFOSR 64 1713
KAROLINSKA INST STOCKHOLM SWEDEN
RECEPTOR SENSITIVITY AND PIGMENT POSITION IN THE COMPOUND
EYE OF NOCTURNAL LEPIDOPTERA
LIFE SCI N11 PP862/865 1963
BY HOGLUND G — DDC NUMBER 448267
INSTRUMENT AF/EOAR /0007/63
PROJ/TASK 9777 01

AFOSR 64 1714
BRUSSELS FREE U BELGIUM
HIGH PLEIOTROPY OF STREPTOMYCIN MUTATIONS IN ESCHERICHIA
COLI
BIOCHEM BIOPHYS RES COMMUN V16 N3 PP244/248 1964
BY COUTURIER M — DDC NUMBER 448262
DESMET L — INSTRUMENT AF/EOAR /0010/64
THOMAS R — PROJ/TASK 9777 01

AFOSR 64 1717
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
ON THE COMPARISON BETWEEN THE SOLUTIONS OF ORDINARY
DIFFERENTIAL SYSTEMS
BOL SOC MAT SAO PAULO V15 N1/2 PP27/32 1963
BY LAKSHMIKANTHAM V — DDC NUMBER 447699
ONUCHIC N — INSTRUMENT AF 49<638>00382
PROJ/TASK 9749 01

AFOSR 64 1718
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
FUNDAMENTAL INEQUALITIES FOR DISCRETE AND DISCONTINUOUS
FUNCTIONAL EQUATIONS
J SOC IND APPL MATH V12 N1 PP43/57 MAR 64
BY JONES G S — DDC NUMBER 448270
INSTRUMENT AF 49<638>00382
PROJ/TASK 9749 01

AFOSR 64 1719
SYRACUSE U N Y
FINITE SECTIONALIZATION AND A THEOREM OF HARDY / BOHR
GERMAN /
ARCH MATH V15 N3 PP209/213 1964
BY LORENTZ G G — DDC NUMBER 447700
ZELLER K — INSTRUMENT AF/AFOSR /0138/62
PROJ/TASK 9749 01

AFOSR 64 1720
STANFORD U CALIF
THE LAMINAR COMPRESSIBLE BOUNDARY LAYER IN THE STAGNATION
POINT REGION OF AN AXISYMMETRIC BLUNT BODY INCLUDING THE
SECOND ORDER EFFECT OF VORTICITY INTERACTION
INTERN J HEAT MASS TRANSFER V7 PP341/370 1964
BY DAVIS R T — DDC NUMBER 448279
FLUGGE/LOTZ I — INSTRUMENT AF/AFOSR /0242/62
PROJ/TASK 9749 01

AFOSR 64 1721
CALIFORNIA U RIVERSIDE
LIMIT DISTRIBUTIONS OF A BRANCHING STOCHASTIC PROCESS
ANN MATH STATIST V35 N2 PP557/565 JUN 64
BY STRATTON H H JR — DDC NUMBER 448255
TUCKER H G — INSTRUMENT AF/AFOSR /0328/62
PROJ/TASK 9749 01

AFOSR 64 1722
STANFORD U CALIF
IMPULSE RESPONSE STABILITY CRITERIA
PROC IEEE V52 N1 PP97/98 JAN 64
BY NEWCOMB R W — DDC NUMBER 448269
INSTRUMENT AF/AFOSR /0349/62
PROJ/TASK 9749 01

AFOSR 64 1727
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD
THEORY OF PION / PION AND ELEMENTARY PARTICLE SCATTERING.
FINAL REPORT, SEP 1964
BY MOFFAT J W
GATLAND I R — INSTRUMENT AF 49<638>01211
PROJ/TASK 9751 01

AFOSR 64 1728
CHILE U SANTIAGO
ANATOMICAL BASIS OF PATTERN RECOGNITION. FINAL REPORT.
SEP 1964
BY MATURANA H R — DDC NUMBER 448283
INSTRUMENT AF/AFOSR /0394/62
PROJ/TASK 9777 01

AFOSR 64 1729
ILLINOIS U URBANA
NOTES ON MAGNITUDE FUNCTIONS WITH EQUI / RIPPLE RESPONSE
IEEE TRANS CIRCUIT THEORY VCT/11 PP176/177 MAR 64
BY CALAHAN D A — DDC NUMBER 448280
INSTRUMENT AF/AFOSR /0177/63
PROJ/TASK 9749 01

AFOSR 64 1730
ILLINOIS U URBANA
NOTES ON ALL / POLE FUNCTIONS WITH WEIGHTED PASSBAND
RESPONSE AND STEEPEST STOPBAND RESPONSE
IEEE TRANS CIRCUIT THEORY VCT/11 PP174/176 MAR 64
BY CALAHAN D A — DDC NUMBER 448281
INSTRUMENT AF/AFOSR /0177/63
PROJ/TASK 9749 01

AFOSR 64 1731
MARYLAND U COLLEGE PARK
REMARKS ON A MIXED BOUNDARY VALUE PROBLEM FOR LINEAR
HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS IN TWO
INDEPENDENT VARIABLES
ARCH RATIONAL MECH ANAL V16 N3 PP187/195 1964
BY CHU S C — DDC NUMBER 447597
DIAZ J B — INSTRUMENT AF/AFOSR /0454/62
PROJ/TASK 9749 01

AFOSR 64 1732
ARMY RESEARCH OFFICE DURHAM N C AND
STANFORD U CALIF
THE FOUNDATIONS OF NETWORK THEORY
ELEC MECH ENG TRANS PP7/12 MAY 1964
BY NEWCOMB R W — DDC NUMBER 448276
INSTRUMENT NONR /2256246
INSTRUMENT AF/AFOSR /0349/62
PROJ/TASK 9749 01
PROJ/TASK 4751

AFOSR 64 1733
RENSSELAER POLYTECHNIC INST TROY N Y
ZEROES OF BESSEL FUNCTIONS AND EIGENVALUES OF NON / SELF /
ADJOINT BOUNDARY VALUE PROBLEMS
J MATH PHYS V43 N2 PP133/139 JUN 64
BY COHEN D S — DDC NUMBER 447598
INSTRUMENT AF/AFOSR /0182/63
PROJ/TASK 9749 01

AFOSR 64 1734
MARYLAND U COLLEGE PARK
ON MEAN VALUE THEOREMS FOR STRONGLY CONTINUOUS VECTOR
VALUED FUNCTIONS
CONTRIBUTIONS TO DIFFERENTIAL EQUATIONS JOHN WILEY - SONS
INC V3 N1 PP107/118 1964
BY DIAZ J B — DDC NUMBER 447592
VYBORNY R — INSTRUMENT AF/AFOSR /0400/63
PROJ/TASK 9749 01

AFOSR 64 1735
TASMANIA U AUSTRALIA
THE EVALUATION AND ESTIMATION OF THE COEFFICIENTS IN THE
CHEBYSHEV SERIES EXPANSION OF A FUNCTION
MATH COMP V18 N86 PP274/284 APR 1964
BY ELLIOTT D — DDC NUMBER 448275
INSTRUMENT AF/AFOSR /0660/64
PROJ/TASK 9749 01

AFOSR 64 1736
CALIFORNIA U SANTA BARBARA
ON MATRICES WITH POSITIVE INVERSE
ZASTOS MAT V7 PP165/169 1963
BY MINC H — DDC NUMBER 448271
INSTRUMENT AF/AFOSR /0432/63
PROJ/TASK 9749 01

AFOSR 64 1737
PURDUE RESEARCH FOUNDATION LAFAYETTE IND
DECREASING SORPTION EFFECT WITH INCREASING PRESSURE
J AM CHEM SOC V86 P1874 1964
BY FAETH P A — DDC NUMBER 448289
CLIFFORD A F — INSTRUMENT AF 18<603>00045
PROJ/TASK 9760 02

AFOSR 64 1738
MASSACHUSETTS INST OF TECH CAMBRIDGE
SUPERCONDUCTING MAGNETS
IEEE SPECTRUM V1 N2 PP103/113 FEB 64
BY MONTGOMERY D B — DDC NUMBER 448284
INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1739
MASSACHUSETTS INST OF TECH CAMBRIDGE
MAGNETIC TRANSLATION GROUP. II. IRREDUCIBLE
REPRESENTATIONS
PHYS REV V134 N6A PPA1607/A1611 15 JUN 64
BY ZAK J — DDC NUMBER 448282
INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1740
MASSACHUSETTS INST OF TECH CAMBRIDGE
MAGNETIC TRANSLATION GROUP
PHYS REV V134 N6A PPA1602/A1606 15 JUN 64
BY ZAK J — DDC NUMBER 448287
INSTRUMENT AF 19<604>07344
PROJ/TASK 9764 00

AFOSR 64 1741
CORNELL U ITHACA N Y
KBETA EMISSION SPECTRA OF ARGON AND KCl. I
PHYS REV V133 N2A PPA390/A398 20 JAN 64
BY DESLATTES R D — DDC NUMBER 448286
INSTRUMENT AF 49<638>00402
PROJ/TASK 9761 03

AFOSR 64 1742
CORNELL U ITHACA N Y
KBETA SPECTRA OF ARGON AND KCl. II. SATELLITE EXCITATION
PHYS REV V133 N2A PPA399/A407 20 JAN 64
BY DESLATTES R D — DDC NUMBER 448288
INSTRUMENT AF 49<638>00402
PROJ/TASK 9761 03

AFOSR 64 1743
GENERAL MILLS INC MINNEAPOLIS MINN
GRAIN BOUNDARY CONDUCTANCE IN INSB
J APPL PHYS V35 N3 PP734/735 MAR 64
BY MUELLER R E — DDC NUMBER 448290
MAFFITT K N — INSTRUMENT AF 49<638>00628
PROJ/TASK 9763 01

AFOSR 64 1744
GENERAL MILLS INC MINNEAPOLIS MINN
PHOTOCONTROLLED SURFACE CONDUCTANCE IN ANODIZED INSB
J APPL PHYS V35 N5 PP1524/1529 MAY 1964
BY MUELLER R K — DDC NUMBER 448291
JACOBSON R L — INSTRUMENT AF 49<638>00628
PROJ/TASK 9763 01

AFOSR 64 1745
GENERAL MILLS INC MINNEAPOLIS MINN
INSB DIODES UNDER CONTROLLED SURFACE CONDITIONS
J APPL PHYS V35 N5 PP1563/1564 MAY 1964
BY MAFFITT K N — DDC NUMBER 448292
MUELLER R K — INSTRUMENT AF 49<638>00628
PROJ/TASK 9763 01

AFOSR 64 1746
MINNESOTA U MINNEAPOLIS
CHARGE CARRIER INERTIA IN SEMICONDUCTORS
PROC IEEE V52 N6 PP677/685 JUN 64
BY CHAMPLIN K S — DDC NUMBER 448293
ARMSTRONG D B — INSTRUMENT AF 49<638>00747
GUNDERSON P D — PROJ/TASK 9761 03

AFOSR 64 1747
WASHINGTON U SEATTLE
MEASUREMENT OF RECOIL / FREE FRACIONS IN STUDIES OF THE
MOSSBAUER EFFECT
NUCL INSTR METHODS V27 N1 PP29/37 1964
BY HOUSLEY R M — DDC NUMBER 447591
ERICKSON N E — INSTRUMENT AF 49<638>01004
DASH J G — PROJ/TASK 9763 03

AFOSRTN59 193
PITTSBURGH U PA
THEORY OF THE OVERHAUSER EFFECT IN FERRO/ AND
ANTIFERROMAGNETS
J PHYS CHEM SOLIDS V25 PP405/421 1964
BY OGUCHI T — INSTRUMENT AF/AFOSR /0196/63
KEFFER F — PROJ/TASK 9761 01

AFOSRTN60 253
UPPSALA U SWEDEN
LABORATORY OBSERVATIONS ON THE REPRODUCTIVE BEHAVIOUR OF
THE PIGEON & COLUMBA LIVIA & DURING THE PRE INCUBATION
PHASE OF THE BREEDING CYCLE
ANIMAL BEHAVIOUR V11 N4 PP534/547 OCT 63
BY FABRICIUS E — INSTRUMENT AF 61<514>01247
JANSSON A — PROJ/TASK 9777 01

AFOSRTN60 463
JOHNS HOPKINS U BALTIMORE MD
AUGER RATE IN MESIC ATOMS
NUOVO CIMENTO SERX V18 PP147/153 OCT 1963
BY PEVSNER A — INSTRUMENT AF 18<603>00143
STRAND R — PROJ/TASK 9751 01
MADANSKY L
TOOHIG T

H CORPORATE-AUTHOR INDEX

ADVANCED METALS RESEARCH CORP BURLINGTON MASS — APCRL 64 0940

AEROJET-GENERAL CORP AZUSA CALIF — APOSR 64 1907

AF OAR AEROSPACE RESEARCH LABS WRIGHT-PATTERSON AFB OHIO — ARL 64 0118; ARL 64 0121; ARL 64 0123; ARL 64 0124; ARL 64 0125; ARL 64 0126; ARL 64 0127; ARL 64 0133

AF OAR AEROSPACE RESEARCH LABS CHEMISTRY RESEARCH LAB WRIGHT-PATTERSON AFB OHIO — ARL 64 0134

AF OAR AEROSPACE RESEARCH LABS CHIEF SCIENTIST OFFICE — ARL 64 0139

AF OAR AEROSPACE RESEARCH LABS GENERAL PHYSICS LAB WRIGHT-PATTERSON AFB OHIO — ARL 64 0133; ARL 64 0137

AF OAR AEROSPACE RESEARCH LABS HYPERSONICS RESEARCH LAB WRIGHT-PATTERSON AFB OHIO — ARL 64 0136

AF OAR AEROSPACE RESEARCH LABS METALLURGY AND CERAMICS RESEARCH LAB WRIGHT-PATTERSON AFB OHIO — ARL 64 0138

AF OAR AEROSPACE RESEARCH LABS THERMOMECHANICS RESEARCH LAB WRIGHT-PATTERSON AFB OHIO — ARL 64 0135

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS AEROSPACE INSTRUMENTATION LAB L G HANSCOM FIELD MASS — APCRL 64 0460; APCRL 64 0483; APCRL 64 0660

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS DATA SCIENCES LAB L G HANSCOM FIELD MASS — APCRL 64 0155; APCRL 64 0432; APCRL 64 0474; APCRL 64 0478; APCRL 64 0485; APCRL 64 0492; APCRL 64 0661

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS METEOROLOGY LAB L G HANSCOM FIELD MASS — APCRL 64 0030; APCRL 64 0510; APCRL 64 0521; APCRL 64 0524; APCRL 64 0551; APCRL 64 0553; APCRL 64 0604; APCRL 64 0631; APCRL 64 0632

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS MICROWAVE PHYSICS LAB L G HANSCOM FIELD MASS — APCRL 64 0265; APCRL 64 0344; APCRL 64 0440; APCRL 64 0511; APCRL 64 0547; APCRL 64 0589; APCRL 64 0590; APCRL 64 0639

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS OPTICAL PHYSICS LAB L G HANSCOM FIELD MASS — APCRL 64 0169; APCRL 64 0440; APCRL 64 0434; APCRL 64 0484

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SOLID STATE SCIENCES LAB L G HANSCOM FIELD MASS — APCRL 64 0072; APCRL 64 0418; APCRL 64 0476; APCRL 64 0477; APCRL 64 0630; APCRL 64 0634

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS SPACE PHYSICS LAB L G HANSCOM FIELD MASS — APCRL 63 0982; APCRL 64 0413; APCRL 64 0416; APCRL 64 0429; APCRL 64 C523

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS TERRESTRIAL SCIENCES LAB L G HANSCOM FIELD MASS — APCRL 64 0157; APCRL 64 0446; APCRL 64 0475; APCRL 64 0520; APCRL 64 0549; APCRL 64 0562; APCRL 64 0633; APCRL 64 0639

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS UPPER ATMOSPHERE PHYSICS LAB L G HANSCOM FIELD MASS — APCRL 64 0071; APCRL 64 0397; APCRL 64 0540; APCRL 64 0416; APCRL 64 0659

AF OAR AIR FORCE CAMBRIDGE RESEARCH LABS — APCRL 64 0461; APCRL 64 0462; APCRL 64 0490; APCRL 64 0519; APCRL 64 0520; APCRL 64 0582; APCRL 64 0594; APCRL 64 0591

AF OAR FRANK J SEILER RESEARCH LAB USAF ACADEMY COLO — SRL 64 0004

AF OAR AIR FORCE OFFICE OF SCIENTIFIC RESEARCH DIRECTORATE OF INFORMATION SCIENCES WASHINGTON D C — APOSR 64 1910

AF OAR FRANK J SEILER RESEARCH LAB USAF ACADEMY COLO — SRL 64 0009

AF OAR OFFICE OF AEROSPACE RESEARCH WASHINGTON D C — OAR 64 0009; OAR 64 0010

AF OAR OFFICE OF RESEARCH ANALYSES HOLLOMAN AFB N MEX — ORA 64 0001

AIR TECHNOLOGY CORP CAMBRIDGE MASS — APCRL 63 0971

ALMQVIST & WIKSELL GOTEBORG-UPPSALA STOCKHOLM SWEDEN — APCRL 64 0402

AMERICAN BOSCH ARMA CORP GARDEN CITY N Y — APCRL 64 0103

AMERICAN MATHEMATICAL SOCIETY PROVIDENCE R I — APOSR 64 1907

AMERICAN SCIENCE AND ENGINEERING INC CAMBRIDGE MASS — APCRL 64 0450

ANDREW ALFORD CONSULTING ENGINEERS BOSTON MASS — APCRL 64 0441

APPLIED LOGI CORP PRINCETON N J — APCRL 64 0411

ARIZONA STATE U TEMPE — APOSR 64 1230

ARMY RESEARCH OFFICE DURHAM N C — APOSR 9495; APOSR 64 1320; APOSR 64 1330; APOSR 64 1331; APOSR 64 1332; APOSR 64 1333; APOSR 64 1334; APOSR 64 1335; APOSR 64 1336; APOSR 64 1337; APOSR 64 1338; APOSR 64 1339; APOSR 64 1341; APOSR 64 1342; APOSR 64 1343; APOSR 64 1344; APOSR 64 1345; APOSR 64 1346; APOSR 64 1347; APOSR 64 1348; APOSR 64 1349; APOSR 64 1350; APOSR 64 1351; APOSR 64 1352; APOSR 64 1353; APOSR 64 1354; APOSR 64 1355; APOSR 64 1356; APOSR 64 1357; APOSR 64 1358; APOSR 64 1359; APOSR 64 1360; APOSR 64 1361; APOSR 64 1362; APOSR 64 1363; APOSR 64 1364; APOSR 64 1365; APOSR 64 1366; APOSR 64 1367; APOSR 64 1368; APOSR 64 1370; APOSR 64 1371; APOSR 64 1372; APOSR 64 1373; APOSR 64 1374; APOSR 64 1375; APOSR 64 1376; APOSR 64 1377; APOSR 64 1378; APOSR 64 1750

AVCO CORP WILMINGTON MASS — APCRL 64 0530

BARCELONA U SPAIN — ARL 64 0141

BATTELLE MEMORIAL INST COLUMBUS OHIO — APOSR 64 1340; ARL 64 0139

BAYLOR U WACO TEX — APCRL 64 0517

BENDIX CORP BALTIMORE MD — APCRL 64 0536

BITTERLICH U INNSBRUCK AUSTRIA — APCRL 64 0479; APCRL 64 0530

BOLT BERANEK AND NEWMAN INC CAMBRIDGE MASS — APOSR 64 1161

BRANDEIS U WALTHAM MASS — APCRL 64 0590; APCRL 64 0520; APCRL 64 0572; APOSR 1190; APOSR 64 1194

BRITISH COLUMBIA U VANCOUVER CANADA — APOSR 64 1630

BROOKLYN POLYTECHNIC INST NEW YORK NY — APOSR 0061; APOSR 4061

	AFOSR 64 1039
	AFOSR 64 1316
	AFOSR 64 1319
	AFOSR 64 1379
	AFOSR 64 1610
BROOKLYN POLYTECHNIC INST BROOKLYN NY	AFCRL 64 0301
	AFOSR 64 1394
	AFOSR 64 1399
	AFOSR 64 1982
BROWN U PROVIDENCE R I	AFCRL 64 0370
	AFOSR 64 1119
	ARL 64 0191
BRUSSELS FREE U BELGIUM	AFOSR 64 1180
	AFOSR 64 1191
	AFOSR 64 1716
BUNKER RAMO CORP CANOGA PARK CALIF	AFOSR 64 1392
BUREAU OF SOCIAL SCIENCE RESEARCH INC WASHINGTON D C	AFOSR 64 1304
CALIFORNIA INST OF TECH PASADENA	AFCRL 64 0530
	AFOSR 64 0803
	AFOSR 64 0804
	AFOSR 64 0848
	AFOSR 64 1143
	AFOSR 64 1311
	AFOSR 64 1329
	AFOSR 64 1372
	AFOSR 64 1397
	AFOSR 64 1467
	ARL 64 0144
CALIFORNIA RESEARCH CORP LA HABRA CALIF	AFCRL 64 0503
	AFCRL 64 0608
CALIFORNIA U BERKELEY	AFCRL 64 0341
	AFOSR 64 1142
	AFOSR 64 1197
	AFOSR 64 1316
	AFOSR 64 1350
	AFOSR 64 1373
	AFOSR 64 1376
	AFOSR 64 1390
	AFOSR 64 1981
	AFOSR 64 1983
	AFOSR 64 1618
	AFOSR 64 1672
	AFOSR 64 1676
CALIFORNIA U DAVIS	AFOSR 64 1649
CALIFORNIA U LA JOLLA	AFOSR 64 1213
	AFOSR 64 1217
	AFOSR 64 1218
	AFOSR 64 1293
	AFOSR 64 1234
CALIFORNIA U LOS ANGELES	AFCRL 64 0367
	AFOSR 64 1707
CALIFORNIA U RIVERSIDE	AFOSR 64 1235
	AFOSR 64 1989
	AFOSR 64 1721
CALIFORNIA U SANTA BARBARA	AFOSR 64 1197
	AFOSR 64 1166
	AFOSR 64 1796
CAMBRIDGE LANGUAGE RESEARCH UNIT ENGLAND	AFOSR 64 1300
	AFOSR 64 1304
CAMBRIDGE U ENGLAND	AFOSR 64 1150
	AFOSR 64 1160
	AFOSR 64 1295
	AFOSR 64 1296
	AFOSR 64 1297
	AFOSR 64 1298
	AFOSR 64 1299
	AFOSR 64 1300
CANTERBURY U CHRISTCHURCH NEW ZEALAND	AFOSR 64 1918
CARDIFF U COLL GREAT BRITAIN	AFCRL 64 0564
CARNEGIE INST OF TECH PITTSBURGH PA	AFOSR 3362
	AFOSR 64 1692
	AFOSR 64 1236
	AFOSR 64 1609
CATHOLIC U OF AMERICA WASHINGTON D C	AFCRL 64 0481
	AFOSR 64 1606
	AFOSR 64 1607
CATHOLIC U OF LOUVAIN BELGIUM	AFOSR 64 1858
	AFOSR 64 1260
CENTRE NATIONAL D-ETUDES DE LA RECHERCHE SCIENTIFIQUE PARIS FRANCE	AFCRL 64 0489
CENTRE NATIONAL DE LA RECHERCHE SCIENT	AFOSR 64 1172
	AFOSR 64 1172
CENTRO DI STUDIO PER LA FISICA MICROONDE FLORENCE ITALY	AFCRL 64 0359
	AFCRL 64 0604
CHALMERS INST OF TECH GOTHENBURG SWEDEN	AFCRL 64 0532
	AFCRL 64 0533
	AFCRL 64 0534
	AFCRL 64 0539
CHICAGO U ILL	AFCRL 64 0106
	AFOSR 64 1148
	AFOSR 64 1237
	AFOSR 64 1619
	AFOSR 64 1429
	AFOSR 64 1426
	AFOSR 64 1427
	AFOSR 64 1969
	AFOSR 64 1990
	AFOSR 64 1994
	AFOSR 64 1614
CHILE U SANTIAGO	AFOSR 64 1461
	AFOSR 64 1728
CINCINNATI U OHIO	AFOSR 64 1469
	ARL 64 0113
	ARL 64 0119
COLORADO STATE U FORT COLLINS	AFOSR 64 1322
	AFOSR 64 1639
	AFOSR 64 1640
	AFOSR 64 1641
COLORADO U BOULDER	AFCRL 64 0497
	AFCRL 64 0498
	AFCRL 64 0499
	AFCRL 64 0500
	AFCRL 64 0501
	AFCRL 64 0502
	AFCRL 64 0612
	AFOSR 1168
COLUMBIA U PALISADES NY	AFCRL 64 0619
COLUMBIA U NEW YORK N Y	AFOSR 64 1690
	AFOSR 64 1691
	AFOSR 64 1579
	AFOSR 64 1580
	AFOSR 64 1670
CONNECTICUT U STORRS	AFOSR 3327
COPENHAGEN TECH U DENMARK	AFCRL 64 0497
	AFCRL 64 0509
CORK U COLL IRELAND	AFOSR 64 1294
CORNELL U ITHACA N Y	AFOSR 64 1138
	AFOSR 64 1402
	AFOSR 64 1403
	AFOSR 64 1911
	AFOSR 64 1741
	AFOSR 64 1742
D BROWN ASSOCIATES INC EAU GALLIE	AFCRL 64 0441
DARTMOUTH COLL HANOVER N H	AFCRL 63 0772
DECO ELECTRONICS INC CAMBRIDGE MASS	AFCRL 64 0408
DEUTSCHER WETTERDIENST OFFENBACH WEST GERMANY	AFCRL 64 0600
DUKE U DURHAM N C	AFOSR 64 1304
DURHAM U ENGLAND	AFCRL 64 0546
ELECTROMAGNETIC RESEARCH CORP COLLEGE PARK MD	AFCRL 64 0587
ERLANGEN U WEST GERMANY	AFOSR 64 1629
	AFOSR 64 1630
	AFOSR 64 1631
FACULTE DE SCIENCE DE PARIS ORSAY FRANCE	AFCRL 64 0444
FLORIDA STATE U TALLAHASSEE	AFOSR 64 1145
	AFOSR 64 1146
	AFOSR 64 1147
	AFOSR 64 1192
FLORIDA U GAINESVILLE	AFOSR 64 0886
	AFOSR 64 0887
	AFOSR 64 1038
	AFOSR 64 1321
FRANKLIN INST PHILADELPHIA PA	AFCRL 64 0420
GABRIEL CO ROCKETPOWER INC MESA ARIZ	AFCRL 64 0471
GALWAY U COLL IRELAND	AFOSR 64 1176
GENERAL APPLIED SCIENCES LAB INC WESTBURY NY	AFOSR 64 1671
	AFOSR 64 1672
	AFOSR 64 1673
GENERAL DYNAMICS CORP ASTRONAUTICS SAN DIEGO CALIF	AFCRL 63 0769
	AFCRL 64 0260
GENERAL DYNAMICS CORP GENERAL ATOMICS DIV SAN DIEGO CALIF	AFCRL 64 0519
GENERAL ELECTRIC CO PHILADELPHIA PA	AFOSR 64 0861
	ARL 64 0148
	ARL 64 0152
GENERAL ELECTRIC CO SANTA BARBARA CALIF	AFCRL 64 0196
GENERAL ELECTRIC CO SCHENECTADY N Y	AFCRL 64 0667
	AFCRL 64 0702
	ARL 64 0135
	ARL 64 0149
GENERAL MILLS INC MINNEAPOLIS MINN	AFOSR 64 1763
	AFOSR 64 1764
	AFOSR 64 1765
GENERAL PRECISION INC LIBRASCOPE DIV GLENDALE CALIF	AFOSR 64 1694
	AFOSR 64 1695
	AFOSR 64 1696
GENERAL TELEPHONE AND ELECTRONICS LABS INC BAYSIDE N Y	AFCRL 64 0468
GENOA U ITALY	AFOSR 64 1196
GEOPHYSICS CORP OF AMERICA BEDFORD MASS	AFCRL 64 0450
GEORGIA U ATHENS	AFOSR 64 1271
	AFOSR 64 1534
GIANNINI CONTROLS CORP BERWYN PA	AFOSR 64 0991

GIANNINI CONTROLS CORP MALVERN PA	AFOSR 64 0860
GOTEBORG U SWEDEN	AFOSR 64 1167 AFOSR 64 1169 AFOSR 64 1179 AFOSR 64 1186 AFOSR 64 1187
HAMBURGER-STERNWARTE HAMBURG WEST GERMANY	AFCRL 63 0679 AFCRL 63 0795 AFCRL 64 0046
HARSHAW CHEMICAL CO CLEVELAND OHIO	ARL 64 0102
HARVARD COLL OBSERVATORY CAMBRIDGE MASS	AFCRL 64 0397
HARVARD U CAMBRIDGE MASS	AFCRL 64 0399 AFCRL 64 0436 AFCRL 64 0996 AFOSR 1009 AFOSR 1172 AFOSR 64 1192 AFOSR 64 1261 AFOSR 64 1621 AFOSR 64 1622
HARVARD U FORT DAVIS TEXAS	AFCRL 64 0298 AFCRL 64 0609
HAWAII U HONOLULU	AFCRL 64 0327 AFOSR 64 1660
HEBREW U JERUSALEM ISRAEL	AFOSR 2698 AFOSR 2699 AFOSR 4589 AFOSR 64 1158 AFOSR 64 1686 AFOSR 64 1635 AFOSR 64 1636
HENRI ROUSSELLE HOSPITAL PARIS FRANCE	AFOSR 64 1270 AFOSR 64 1691
HOWELL WALLACE E INC LEXINGTON MASS	AFCRL 64 0669
HP ASSOC PALO ALTO CALIF	AFCRL 64 0673
ILLINOIS U URBANA	AFOSR 64 1162 AFOSR 64 1381 AFOSR 64 1387 AFOSR 64 1670 AFOSR 64 1676 AFOSR 64 1678 AFOSR 64 1968 AFOSR 64 1617 AFOSR 64 1671 AFOSR 64 1729 AFOSR 64 1730
INDIANA U BLOOMINGTON	AFOSR 64 1695 AFOSR 64 1696 AFOSR 64 1697 AFOSR 64 1698 AFOSR 64 1699 AFOSR 64 1900 AFOSR 64 1901 AFOSR 64 1920 AFOSR 64 1921 AFOSR 64 1922 AFOSR 64 1923 AFOSR 64 1924 AFOSR 64 1937 AFOSR 64 1938 AFOSR 64 1939 AFOSR 64 1940
INST FOR ADVANCED STUDY PRINCETON N J	AFOSR 64 1619
INST FOR METEOROLOGIE TECH HOCHSCULE DARMSTADT WEST GERMAN	AFCRL 64 0248
INST FOR SCIENTIFIC INFORMATION PHILADELPHIA PA	AFOSR 64 1309
INSTITUTO ELETTROTECNICO NAZIONALE	AFOSR 64 1214 AFOSR 64 1216
INSTITUTO DE INVESTIGACION DE CIENCIAS	AFOSR 64 1634 AFOSR 64 1694
INTERNATIONAL BUSINESS MACHINES CORP YORKTOWN HEIGHTS N Y	AFCRL 64 0454 AFOSR 64 1199 AFOSR 64 1200 AFOSR 64 1201 AFOSR 64 1202 AFOSR 64 1203 AFOSR 64 1204 AFOSR 64 1205 AFOSR 64 1251 AFOSR 64 1292 AFOSR 64 1319
IONOSPHAEREN INST BREISACH WEST GERMANY	AFCRL 64 0392
IOWA STATE U IOWA CITY	AFCRL 64 0167
IOWA STATE U OF SCIENC AND TECH PHYSICS DEPT AMES IOWA	AFOSR 2766 AFOSR 64 1904 AFOSR 64 1905
ISRAEL INST OF TECH HAIFA	ARL 64 0117 ARL 64 0140
JOHNS HOPKINS U BALTIMORE MD	AFCRL 64 0398 AFOSR 4819 AFOSR 64 1001 AFOSR 64 1616 AFOSR 64 1639 AFOSR 64 1942 AFOSR 64 1943 AFOSR 64 1989 AFOSR 64 1988 AFOSR 64 1600 AFOSRTN60 663
KAISER FOUNDATION RESEARCH INST RICHMOND CALIF	AFCRL 64 0981
KANSAS STATE U MANHATTAN	AFOSR 64 1669
KANSAS U LAWRENCE	AFOSR 64 1515 AFOSR 64 1516
KAROLINSKA INST STOCKHOLM SWEDEN	AFOSR 64 1170 AFOSR 64 1178 AFOSR 64 1691 AFOSR 64 1699 AFOSR 64 1719
KENTUCKY U LEXINGTON	AFOSR 1520
KIRUNA GEOPHYSICAL OBSERVATORY SWEDEN	AFCRL 64 0399 AFCRL 64 0470 AFCRL 64 0968 AFCRL 64 0970 AFCRL 64 0971
LAB NATIONAL D-ESSAIS PARIS FRANCE	AFCRL 64 0958
LEICESTER U ENGLAND	AFOSR 64 1183
LIEGE U BELGIUM	AFCRL 64 0367 AFCRL 64 0969
LITTON SYSTEMS INC MINNEAPOLIS MINN	AFCRL 64 0339
LOCKHEED AIRCRAFT CORP SUNNYVALE CALIF	AFCRL 64 0204
LONDON U ENGLAND	AFOSR 64 1168
LONDON U COLL ENGLAND	AFOSR 64 1382 AFOSR 64 1383 AFOSR 64 1442 AFOSR 64 1594 AFOSR 64 1683 AFOSR 64 1684 AFOSR 64 1685 AFOSR 64 1686 AFOSR 64 1687 AFOSR 64 1689 AFOSR 64 1690 AFOSR 64 1704 AFOSR 64 1705 AFOSR 64 1712
LONDON U IMPERIAL COLL OF SCIENCE AND TECH ENGLAND	AFCRL 64 0931 AFOSR 64 1151 AFOSR 64 1155
LONDON U KINGS COLL ENGLAND	AFOSR 64 1609
LOWELL TECHNOLOGICAL INST RESEARCH FOUNDATION MASS	AFCRL 64 0657
LUND U SWEDEN	AFOSR 64 1667
LUDWIG-MAXIMILIANS U MUCHEN GERMANY	AFCRL 64 0567
LYON U FRANCE	AFOSR 64 1907
MANCHESTER U ENGLAND	AFCRL 64 0442
MARQUARDT CORP VAN NUYS CALIF	ARL 64 0116
MARTIN MARIETTA CORP DENVER COLO	AFOSR 64 1627 ARL 64 0119
MARTIN MARIETTA CORP RIAS INC BALTIMORE MD	AFCRL 64 0320 AFOSR 2190 AFOSR 64 1325 AFOSR 64 1326 AFOSR 64 1640 AFOSR 64 1717 AFOSR 64 1718 AFOSR 64 1727
MARYLAND U COLLEGE PARK	AFCRL 64 0629 AFOSR 64 1751 AFOSR 64 1754
MASSACHUSETTS INST OF TECH CAMBRIDGE	AFCRL 64 0202 AFCRL 64 0404 AFCRL 64 0431 AFCRL 64 0471 AFOSR 64 1055 AFOSR 64 1057 AFOSR 64 1190 AFOSR 64 1226 AFOSR 64 1253 AFOSR 64 1254 AFOSR 64 1616 AFOSR 64 1661 AFOSR 64 1662 AFOSR 64 1738 AFOSR 64 1739 AFOSR 64 1740
MATERIALS RESEARCH CORP ORANGEBURG N Y	ARL 64 0131
MAUDSLEY HOSPITAL LONDON ENGLAND	AFOSR 64 1275 AFOSR 64 1709 AFOSR 64 1711
MAX-PLANCK-INST FUR STROMUNGSFORSCHUNG GOTTINGEN WEST GERMANY	AFOSR 64 1279
MCMASTER U HAMILTON ONTARIO CANADA	AFOSR 64 1164 AFOSR 64 1224 AFOSR 64 1227 AFOSR 64 1229 AFOSR 64 1529 AFOSR 64 1530 AFOSR 64 1931 AFOSR 64 1932
MELLON INST OF INDUSTRIAL RESEARCH PITTSBURGH PA	AFOSR 64 1939 AFOSR 64 1946
MICHIGAN U ANN ARBOR MICH	AFCRL 64 0130 AFCRL 64 0660

AFOSR 64 1164
AFOSR 64 1276
AFOSR 64 1639
ARL 64 0190

MILAN U ITALY — AFCRL 64 0687

MINNESOTA U MINNEAPOLIS — AFCRL 64 0560
AFOSR 64 1266
AFOSR 64 1267
AFOSR 64 1276
AFOSR 64 1320
AFOSR 64 1612
AFOSR 64 1666
AFOSR 64 1582
AFOSR 64 1610
AFOSR 64 1620
AFOSR 64 1624
AFOSR 64 1629
AFOSR 64 1637
AFOSR 64 1766
ARL 64 0149

MITHRAS INC CAMBRIDGE MASS — AFCRL 64 0496
AFCRL 64 0464

MOLECULAR RESEARCH CORP CAMBRIDGE MASS — AFCRL 64 0399

MONTANA STATE COLL BOZEMAN — AFCRL 64 0469

MOTOROLA INC PHOENIX ARIZ — AFCRL 64 0581

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GREENBELT MD — AFCRL 64 0610

NATIONAL BUREAU OF STANDARDS BOULDER COLO — AFCRL 64 0472
AFCRL 64 0479

NATIONAL CO INC MALDEN MASS — AFCRL 64 0269

NATIONAL ELECTRONICS INSTITUTE SPAIN — AFCRL 64 0530

NAVY OFFICE OF NAVAL RESEARCH WASHINGTON D C — AFOSR 64 1560

NEW HAMPSHIRE U DURHAM — AFCRL 64 0447
AFCRL 64 0550
AFCRL 64 0648

NEW YORK STATE U OF RESEARCH FOUNDATION BUFFALO — AFOSR 64 1519

NEW YORK U NEW YORK — AFCRL 64 0289
AFCRL 64 0549
AFOSR 64 1005
AFOSR 64 1312
AFOSR 64 1313
AFOSR 64 1370
AFOSR 64 1386
AFOSR 64 1391
AFOSR 64 1535
AFOSR 64 1600
AFOSR 64 1601
AFOSR 64 1611
AFOSR 64 1612
AFOSR 64 1613
AFOSR 64 1642
AFOSR 64 1647

NORTH CAROLINA STATE COLL RALEIGH — AFOSR 64 1257

NORTH CAROLINA U CHAPEL HILL — AFOSR 0788
AFOSR 0789
AFOSR 1322
AFOSR 1549
AFOSR 4472
AFOSR 64 1398
AFOSR 64 1399

NORTH DAKOTA STATE U FARGO — AFOSR 64 1506

NORTHROP CORP HAWTHORNE CALIF — AFOSR 64 1000
ARL 64 0146

NORWEGIAN DEFENSE RESEARCH ESTABLISHMENT KJELLER NORWAY — AFCRL 64 0587

NORWEGIAN INST OF COSMIC PHYSICS — AFCRL 64 0601

NOTTINGHAM U ENGLAND — ARL 64 0114

NUCLEAR CORP OF AMERICA PHOENIX ARIZ — AFCRL 64 0406

OHIO STATE U COLUMBUS — AFCRL 64 0257
AFCRL 64 0566
AFCRL 64 0575
AFCRL 64 0576
AFCRL 64 0579
AFCRL 64 0576
AFCRL 64 0583
AFCRL 64 0669
AFOSR 64 1675
ARL 64 0136
ARL 64 0143

OHIO STATE U RESEARCH FOUNDATION COLUMBUS — AFCRL 64 0448
AFOSR 64 1500

OKLAHOMA STATE U STILLWATER — AFOSR 64 1509
AFOSR 64 1510

OREGON STATE U CORVALLIS — AFOSR 64 1508

OREGON U EUGENE — AFOSR 64 1413
AFOSR 64 1414
AFOSR 64 1415

OSLO U NORWAY — AFCRL 64 0505
AFCRL 64 0506
AFCRL 64 0615
AFCRL 64 0616
AFCRL 64 0617
AFCRL 64 0618
AFCRL 64 0619
AFCRL 64 0620
AFCRL 64 0624
AFCRL 64 0629
AFCRL 64 0676
AFCRL 64 0677
AFCRL 64 0678
AFOSR 64 1796

OXFORD U ENGLAND — AFOSR 64 1190
AFOSR 64 1698

PARKE MATHEMATICAL LABS INC CARLISLE MASS — AFCRL 64 0510

PEACE RESEARCH INST WASHINGTON D C — AFOSR 64 1199

PENNSYLVANIA STATE U UNIVERSITY PARK — AFCRL 64 0326
AFCRL 64 0401
AFCRL 64 0407
AFCRL 64 0451
AFCRL 64 0579
AFCRL 64 0611
AFCRL 64 0651
AFOSR 64 1004
AFOSR 64 1212
AFOSR 64 1219
AFOSR 64 1220
AFOSR 64 1221
AFOSR 64 1224
AFOSR 64 1269
AFOSR 64 1617
ARL 64 0128

PENNSYLVANIA U PHILADELPHIA — AFOSR 64 1528
AFOSR 64 1619
AFOSR 64 1708

PHILCO CORP BLUE BELL PA — AFCRL 64 0407

PHILCO CORP PHILADELPHIA PA — AFCRL 64 0421

PHILIPS LABS INC IRVINGTON ON HUDSON N Y — AFOSR 64 1262
AFOSR 64 1263

PHYSICAL METEOROLOGICAL OBSERVATORY DAVOS PLATZ SWITZERLAND — AFCRL 64 0565

PHYSICAL STUDIES INC BETTERING OHIO — AFCRL 64 0558

PISA U ITALY — AFOSR 64 1701
AFOSR 64 1702
AFOSR 64 1709
AFOSR 64 1710

PITTSBURGH U PA — AFOSR 64 1215
AFOSR 64 1216
AFOSR 64 1609
AFOSR 64 1513
AFOSR 64 1514
AFOSRTN59 193

PRINCETON U N J — AFOSR 6693
AFOSR 64 0899
AFOSR 64 1517
AFOSR 64 1602
AFOSR 64 1606
ARL 64 0132

PUERTO RICO U MAYAGUEZ — AFCRL 64 0463

PURDUE RESEARCH FOUNDATION LAFAYETTE IND — AFOSR 64 1737

PURDUE U LAFAYETTE IND — AFOSR 64 1404
AFOSR 64 1405
AFOSR 64 1406
AFOSR 64 1407
AFOSR 64 1408
AFOSR 64 1479
AFOSR 64 1480
ARL 64 0112

RADIATION APPLICATIONS INC LONG ISLAND CITY N Y — AFOSR 64 1468

RADIO CORP OF AMERICA RCA LABS PRINCETON N.J. — AFCRL 64 0649

RADIO CORP OF AMERICA MOORESTOWN NJ — AFCRL 64 0292

RAYTHEON CO WALTHAM MASS — AFCRL 64 0171

RAYTHEON CO WAYLAND MASS — AFCRL 64 0696

RENSSELAER POLYTECHNIC INST TROY N Y — AFCRL 64 0177
AFOSR 64 1379
AFOSR 64 1733

REPUBLIC AVIATION CORP FARMINGDALE N Y — AFCRL 64 0322

RICE U HOUSTON TEX — AFOSR 3260
AFOSR 64 1586
AFOSR 64 1591
AFOSR 64 1592
AFOSR 64 1593

ROCHESTER U N Y — AFOSR 4124
AFOSR 64 1238
AFOSR 64 1680

ROCKFORD RESEARCH INST CAMBRIDGE MASS — AFOSR 64 1588

ROME U ITALY — ARL 64 0120
ARL 64 0147

ROYAL INST OF TECH STOCKHOLM SWEDEN — AFCRL 64 0262
AFCRL 64 0513
AFCRL 64 0514
AFCRL 64 0569
AFCRL 64 0578
AFOSR 64 1458
AFOSR 64 1555

RUTGERS STATE U NEW BRUNSWICK N J — AFOSR 2615

SAO PAULO U BRAZIL — AFOSR 64 1174
AFOSR 64 1272

SASKATCHEWAN U SASKATOON CANADA — AFCRL 64 0438
AFCRL 64 0439

SERENDIPITY ASSOC LOS ANGELES CALIF — AFOSR 2984

SHEFFIELD U ENGLAND — AFOSR 64 1189

SIENA U ITALY — AFOSR 64 1179

SOUTHERN CALIFORNIA U LOS ANGELES CALIF — AFOSR 64 1161; AFOSR 64 1391; AFOSR 64 1392; AFOSR 64 1984

SPACE SYSTEMS LAB INC MELBOURNE FLA — AFCRL 64 0172

ST LOUIS U MO — AFCRL 64 0614

STANFORD RESEARCH INST MENLO PARK CALIF — AFCRL 64 0376; AFCRL 64 0492; AFOSR 3273; AFOSR 64 1697

STANFORD U CALIF — AFOSR 3473; AFOSR 64 1002; AFOSR 64 1037; AFOSR 64 1096; AFOSR 64 1149; AFOSR 64 1193; AFOSR 64 1194; AFOSR 64 1278; AFOSR 64 1297; AFOSR 64 1306; AFOSR 64 1369; AFOSR 64 1370; AFOSR 64 1376; AFOSR 64 1492; AFOSR 64 1493; AFOSR 64 1494; AFOSR 64 1603; AFOSR 64 1720; AFOSR 64 1722; ARL 64 0137; ARL 64 0138; ARL 64 0139

SYLVANIA ELECTRIC PRODUCTS INC WALTHAM MASS — AFCRL 64 0137

SYRACUSE U N Y — AFOSR 3626; AFOSR 64 1244; AFOSR 64 1249; AFOSR 64 1258; AFOSR 64 1964; AFOSR 64 1719

SYRACUSE U RESEARCH INST N Y — AFCRL 64 0422

SYSTEMS RESEARCH LABS INC DAYTON OHIO — ARL 64 0122

TASMANIA U AUSTRALIA — AFOSR 64 1735

TECHNION RESEARCH AND DEVELOPMENT FOUNDATION HAIFA ISRAEL — AFOSR 64 1207; AFOSR 64 1208; AFOSR 64 1209

TECHNISCHE HOCHSCHULE MUNICH WEST GERMANY — AFOSR 64 1604; AFOSR 64 1650

TECHNISCHE HOCHSCHULE STUTTGART WEST GERM — AFOSR 64 1280

TENNESSEE U KNOXVILLE — AFCRL 63 0063; AFCRL 64 0559

TEXAS U AUSTIN — AFOSR 64 1501; AFOSR 64 1475; AFOSR 64 1476; AFOSR 64 1477; AFOSR 64 1481; AFOSR 64 1482; AFOSR 64 1483; AFOSR 64 1674; AFOSR 64 1677

TEXAS U MEDICAL BRANCH GALVESTON — AFOSR 64 1649; AFOSR 64 1682

TORONTO U ONTARIO CANADA — AFOSR 64 0875; ARL 64 0130

TUFTS U MEDFORD MASS — AFOSR 64 0938

UNITED AIRCRAFT CORP EAST HARTFORD CONN — AFCRL 64 0539

UNITED ELECTRODYNAMICS INC ALEXANDRIA VA — AFCRL 64 0607

UPPSALA U SWEDEN — AFCRL 64 0488; AFOSRTN60 253; AFOSR 64 1188; AFOSR 64 1222; AFOSR 64 1223; AFOSR 64 1991; AFOSR 64 1992; AFOSR 64 1993; AFOSR 64 1706; ARL 64 0134

UTAH STATE U LOGAN — AFCRL 64 0337; AFCRL 64 0640

UTAH U SALT LAKE CITY — AFOSR 64 1669

VICTORIA U WELLINGTON NEW ZEALAND — AFOSR 64 1583

VON KARMAN INST BRUSSELS BELGIUM — AFOSR 64 1139; AFOSR 64 1140; AFOSR 64 1293

WALES U COLL ABERYSTWYTH — AFCRL 64 0486; AFCRL 64 0588

WASHINGTON STATE U PULLMAN — AFCRL 64 0565; AFOSR 64 1163; AFOSR 64 1382

WASHINGTON U SEATTLE — AFCRL 64 0253; AFCRL 64 0493

AFOSR 2190; AFOSR 64 1047; AFOSR 64 1048; AFOSR 64 1967

WAYNE STATE U DETROIT MICH — AFOSR 64 1231

WEIZMAN INST OF SCIENCE REHOVOTH ISRAEL — AFCRL 64 0621; AFCRL 64 064[illegible]; AFOSR 64 117[illegible]; AFOSR 64 1178; AFOSR 64 1181; AFOSR 64 1184; AFOSR 64 1189

WESTERN RESERVE U CLEVELAND OHIO — AFOSR 64 1171

WESTINGHOUSE ELECTRIC CORP WASHINGTON D C — AFOSR 64 1250

WESTINGHOUSE RESEARCH LABS PITTSBURGH PA — AFCRL 64 0597

WISCONSIN U MADISON — AFOSR 64 1400; AFOSR 64 1401; AFOSR 64 1404; AFOSR 64 1409; AFOSR 64 1941; AFOSR 64 1692; AFOSR 64 1693

YALE U NEW HAVEN CONN — AFOSR 64 1912; ARL 64 0111

BLANK PAGE

III AUTHOR INDEX

AARONS J
AFCRL 64 0923
ABOVITZ G
ARL 64 0131
ACKER T
AFOSR 64/1440
ACRIVOS A
ARL 64 0116
ADAMS J A
AFOSR 64/1162
AGASHE S D
AFOSR 64/1594
AGGARWAL J K
AFOSR 64/1569
AHERN J E
ARL 64 0116
AIDUN A
AFCRL 64 0622
AIKENS D A
AFOSR 64/1909
AIREY S F
AFOSR 64/1615
ALERS G A
AFOSR 64/1231
ALFORD W J
AFCRL 64 0630
ALGAZI V R
AFOSR 64/1362
ALLEN E F JR
AFCRL 64 0614
ALLEN H B
AFCRL 64 0561
ALLEN T L
AFOSR 64/1921
ALPERT D
AFOSR 5495
ALSOP L F
AFCRL 64 0619
ALTERMAN Z
AFCRL 64 0647
ALTSCHULER H D
ARL 64 0111
AMAT G
AFCRL 64 0558
AMUNDSEN E D
AFCRL 64 0204
ANDO T
AFOSR 64/1496
ANEX B G
AFOSR 64/1922
AFOSR 64/1924
ANGERAMI J J
AFOSR 64/1570
ANTONI G D
AFCRL 64 0687
APPA RAO M V K
AFOSR 4124
ARRIA M A
AFOSR 64/1575
ARMINGTON A F
AFCRL 64 0676
ARMITAGE J V
ARL 64 0158
ARMSTRONG D B
AFOSR 64/1746
ARNOWITT R
AFOSR 64/1156
ASCOLI D
AFOSR 64/1710
ASHBY W R
AFOSR 64/1587
ASHFORD S L
AFCRL 64 0326
ATALLA M M
AFCRL 64 0673
ATHAY R G
AFCRL 64 0497
AFCRL 64 0498
AFCRL 64 0499
AUBLAS D
AFCRL 64 0531
AFCRL 64 0631
AUDLEY R J
AFOSR 64/1582
AFOSR 64/1583
AUSTIN T M
AFOSR 64/1509
AVER M
AFCRL 64 0667
AFCRL 64 0707
AVRON M
AFOSR 64/1177
AFOSR 64/1178
AFOSR 64/1181
AFOSR 64/1184
AFOSR 64/1189
BACCELLI G
AFOSR 64/1179
BAER A D
AFOSR 64/1669
BAHE L W
AFOSR 64/1519
BAHIANA L C
AFOSR 64/1569
BAILLY M
AFCRL 64 0358
BAIRD D M
AFCRL 64 0468
BAKER H R
AFCRL 64 0655
BAKER R G
AFCRL 64 0520
BALLESTER M
ARL 64 0141
BANKS D O
AFOSR 64/1669
BARTHORPE D V
AFOSR 64/1594
BARBER R C
AFOSR 64 1144
BARON J R
AFOSR 64/1616
BARGODY E M
ARL 64 0129
BARTON P W
ARL 64 0131
BARTOS O J
AFOSR 64/1440
BASTIN E W
AFOSR 64/1580
BASU S
AFCRL 64 0923
BAXTER G
AFOSR 64/1624
AFOSR 64/1629
BAZIAN S
AFOSR 64/1208
BEAM W R
AFOSR 64/1379
BECKMAN O
AFOSR 64/1222
AFOSR 64/1223
BEER A C
AFOSR 64/1249
BELL T F
AFOSR 64/1376
BELOVE C
AFOSR 64/1314
BELT R F
ARL 64 0142
BELTZ C R
AFCRL 64 0406
BENER P
AFCRL 64 0565
BEN/YEHOSHUA S
AFOSR 64/1177
BENOIT A
ARL 64 0130
BERGBAUMER D M
ARL 64 0143
BERKOFSKY L
AFCRL 64 0524
AFCRL 64 0551
BERKOWITZ J
AFOSR 64/1647
BERLIN E D
AFOSR 64/1509
AFOSR 64/1510
BERNARD H M
AFOSR 64/1558
BERNE B
AFOSR 64/1525
AFOSR 64/1527
AFOSR 64/1594
BERNEY C V
AFOSR 64/1568
BERNHARD C G
AFOSR 64/1699
BERNHEIM R A
AFOSR 64/1490
BERRY R S
AFOSR 64/1512
BERSHAD N J
AFCRL 64 0485
BERSOHN R
AFOSR 64/1490
BETTINGER R T
AFCRL 64 0429
BIAL E
AFCRL 64 0392
BIENIEWSKI T
ARL 64 0157
BIGELOW R H
AFOSR 64/1667
BILLIGMEIER J E
AFOSR 64/1506
BIRDSALL C K
AFOSR 64 1142
BIRNBAUM H R
AFOSR 64 1039
BISHOP R L
AFOSR 64 1144
AFOSR 64/1617
BISNETTE H B
AFOSR 64/1535
BITTERLICH W
AFCRL 64 0479
AFCRL 64 0536
BITZER M
AFOSR 64/1359
BLAESER G H
AFCRL 64 0547
BLISS J C
AFOSR 64/1697
BLUMEN W
AFCRL 64 0505
BOELLA G
AFCRL 64 0487
BOGUSCH R
AFCRL 64 0196
BOLINDER E F
AFCRL 64 0468
BOLLE H J
AFCRL 64 0567
BONFIGLIOLI G
AFOSR 64/1214
BONHAM R A
AFOSR 64/1695
AFOSR 64/1696
AFOSR 64/1697
AFOSR 64/1698
AFOSR 64/1699
AFOSR 64/1700
AFOSR 64/1701
AFOSR 64/1537
AFOSR 64/1538
AFOSR 64/1539
AFOSR 64/1540
BORDEN T R JR
AFCRL 64 0030
BORGATTA E F
AFOSR 64/1484
AFOSR 64/1485
BOTTEMA M
AFCRL 64 0598
BOTTGER G L
AFOSR 64/1547
BOWDEN M
AFCRL 64 0566
BOYD F L
AFOSR 64/1200
AFOSR 64/1201
BRADFORD J C
AFCRL 64 0607
BRADY P R
AFOSR 64/1503
BRANDEN C/I
AFOSR 64/1591
AFOSR 64/1592
AFOSR 64/1593
BRAUN R
AFCRL 64 0240
BRAUN W
AFOSR 2062
BRAYTON R K
AFOSR 64/1519
BREAKWELL J V
AFOSR 64/1340
BREENE R G JR
AFCRL 64 0338
BREINGAN W D
ARL 64 0152
BREKKE K
AFCRL 64 0619
BRICE N
AFOSR 64/1369
BROWN A
AFOSR 64/1592
AFOSR 64/1593
BROWN D C
AFCRL 64 0441
BROWN D S
ARL 64 0114
BROWN W G
AFOSR 64/1619
BROWNELL G L
AFCRL 64 0484
BROWNING K A
AFCRL 64 0531
BRUNK H D
AFOSR 64/1589
BUCKENS F
AFOSR 64 1058
BUETTNER K J K
AFCRL 64 0693
BUNEMAN O
AFOSR 64/1376
BURICK R J
AFOSR 64/1679
BURKE F A
AFCRL 64 0634
BUSH N
AFCRL 64 0441
BYARD P L
AFCRL 64 0297
BYDALEK T J
AFOSR 64/1404
AFOSR 64/1406
BYRNE D
AFOSR 64/1301
BYRON F W JR
AFOSR 64/1365
AFOSR 64/1366
AFOSR 64/1579
CALAMAN D A
AFOSR 64/1729
AFOSR 64/1730
CALHOUN R A
AFOSR 64/1202
CALLAWAY J
AFOSR 64/1239
CARDY D E
AFOSR 64/1401
CARLILE R N
AFOSR 64/1379
CARLSON T
AFCRL 64 0531
CARLSTEN A
AFOSR 64/1167
AFOSR 64/1169
CARLSTROM D
AFOSR 64/1175
AFOSR 64/1691
CARNEVALE R F
AFCRL 64 0560
CARRAGAN W
AFCRL 64 0177
CARSON R S
AFOSR 64/1670
AFOSR 64/1671
CARTER E B
AFOSR 64 1166
AFOSR 64 1167
CASTLE J G JR
AFCRL 64 0597
CAVREL R
AFOSR 64/1597
CAZES J
AFOSR 64/1593
CELL J W
AFOSR 64/1297
CHALAZONITIS N
AFOSR 64/1172
CHAMPION K S W
AFCRL 64 0596
CHAMPLIN K S
AFOSR 64/1746
CHANG C M
AFOSR 64/1339
CHANG H V
AFOSR 64/1562
CHANG S C
AFOSR 64/1669
CHANG S L
AFOSR 64 1005
CHARAP S H
AFOSR 64/1201
CHARLSON R J
AFCRL 64 0493
CHEN C L
AFOSR 64/1560
CHEN E
AFOSR 64/1595
CHEN W/E
AFOSR 64/1560
CHEN Y S
AFCRL 64 0253
CHENG P
AFOSR 64 1002
CHENG S I
AFOSR 64 0899
CHICHIBU S
AFOSR 64/1707
CHIU H H
AFOSR 64 0899
CHIU Y-C
AFCRL 64 0517
CHU S C
AFOSR 64/1731
CHUA L O
AFOSR 64/1566
CHUNG K L
AFOSR 64/1603
CIAVATTA L
AFOSR 64/1658
CLAPP R E
AFCRL 63 0371
CLARKE D
AFCRL 64 0462
CLARKE J F G JR
AFOSR 64/1409
CLARKE R W
ORA 64 0001
CLEVELAND S B
AFOSR 64/1618
CLIFFORD A F
AFOSR 64/1737
COE G R
AFOSR 64/1469
COFFIN J B
AFCRL 64 0282
COFFMAN C V
AFOSR 64/1568
COHEN D S
AFOSR 64/1600
AFOSR 64/1601
AFOSR 64/1733
COHEN A
AFCRL 64 0462
COHEN S I
AFOSR 64/1504
COLBURN C M
AFCRL 63 0371
COLE A E
AFCRL 64 0483
COLE W J
AFOSR 64/1401
COLEMAN D
AFOSR 64/1566
COLLINS C B
AFOSR 64/1476
AFOSR 64/1477
AFOSR 64/1481
AFOSR 64/1482
AFOSR 64/1676
AFOSR 64/1677
COLLINS F A
AFOSR 64/1566
COMLEY T D
AFCRL 64 0490
CONWELL T L
AFOSR 64/1637
AFOSR 64/1640
AFOSR 64/1641
CONSTANTIN A
AFCRL 64 0464
COOL T A
AFOSR 64 0868
COOMES R A
AFCRL 64 0410

COOPER H W	AFCRL 64 0581
COOPER J A	AFOSR 64/1392
COOPER R A	AFOSR 64/1183
COUBLE F C	AFCRL 64 0921
COUTURIER M	AFOSR 64/1716
COVERT F F	AFCRL 64 0782
COVIAN M R	AFOSR 64/1272
COWLY A	AFOSR 64/1295 AFOSR 64/1296 AFOSR 64/1297 AFOSR 64/1299
COX R C	AFCRL 64 0908
COX H L JR	AFOSR 64/1539
CRAFORD M G	AFOSR 64/1971
CRAINE L B	AFCRL 64 0965
CRANDALL S H	AFOSR 64 1057
CRAWFORD F W	ARL 64 0137 ARL 64 0139
CRAWFORD J A	ARL 64 0122
CRESCENZI V	AFOSR 64/1492
CROUSE P F	AFCRL 64 0529
CRUZ J B JR	AFOSR 64/1568
CULVER C M	AFOSR 64/1304
CUMMINGS P	AFCRL 64 0609
CURTIS A L	AFCRL 64 0406
CURTISS H A	AFOSR 64 0860
CUTLER P H	AFOSR 64/1219 AFOSR 64/1220 AFOSR 64/1221
CZORPITA S	AFCRL 64 0421
CZYZ W	AFOSR 64/1194
DALY G J	AFCRL 64 0128
DAMON D H	AFOSR 64/1250
DANNHAUSER W	AFOSR 64/1519
DASH J G	AFOSR 64/1747
DAVID C W	AFOSR 64/1512
DAVIDSON D	AFCRL 64 0408
DAVIES J T	AFOSR 64/1216
DAVIS H T	AFOSR 64/1526
DAVIS J C	AFOSR 64/1219
DAVIS R P	ARL 64 0133
DAVIS R H	AFOSR 64 1146 AFOSR 64 1147
DAVIS R T	AFOSR 64/1720
DE VITO L	ARL 64 0147
DECOURSEY G	AFOSR 64/1693
DECOURSEY P J	AFOSR 64/1692 AFOSR 64/1693
DEFOUN R J	AFCRL 64 0609
DELL P C	AFOSR 64/1270 AFOSR 64/1651
DELWAIDE P J	AFOSR 64/1191
DEMMAN W F	AFOSR 64/1347
DER J JR	ARL 64 0146
DERVISOGLU A	AFOSR 64/1567
DESAI K R	AFOSR 64/1414
DESEGOVIA J L	AFOSR 9409
DESER S	AFOSR 64/1156
DESLATTES R D	AFOSR 64/1762 AFOSR 64/1761
DESMEDT J E	AFOSR 64/1191
DESMET L	AFOSR 64/1714
DESSY R F	AFOSR 64/1465
DEUTSCH S	AFCRL 64 0581
DEXTER D L	AFOSR 64/1238
DI BARTOLO B	AFOSR 64/1368
DIAZ J B	AFOSR 64/1731
DILLON G F	AFOSR 64/1734
DILLY N	AFCRL 64 0676
DILLY P N	AFOSR 64/1704
DILWORTH C	AFOSR 64/1686 AFOSR 64/1687
DIMOND N A	AFCRL 64 0687
DINTZIS F R	AFCRL 64 0921
DIPIETRO M A	AFOSR 1148
DISTLER R C	AFCRL 64 0618
DODD G G	AFCRL 64 0696
DODD R T JR	AFOSR 64/1563
DOMBEY N	AFCRL 64 0625
DONAHUE J D	AFOSR 64/1155
DONALDSON R J JR	ARL 64 0119
DORFMAN M	AFCRL 64 0632
DOWNES D	AFOSR 64/1690
DOYLE W D	AFCRL 64 0258
DRAGSDORF R D	AFCRL 64 0620
DRANE C J JR	AFOSR 64/1669
DREVINSKY P J	AFCRL 64 0344
DUBOIS J T	AFCRL 64 0521
DUCKWORTH H E	ARL 64 0118 ARL 64 0121 ARL 64 0126
DUFRO R	AFOSR 64 1144
DUFFIN R J	AFCRL 64 0643
DUNCAN J F	AFCRL 64 0568
EBRING D D	AFOSR 64/1503
ECK T G	AFOSR 64/1523
ECKERT E R G	AFOSR 64/1236
ECKHARDT D H	ARL 64 0149
EDELMANN W	AFCRL 64 0542
EDEN M F	AFCRL 64 0600
EDEN M	AFCRL 64 0546
EDEN R J	AFOSR 64/1574 AFOSR 64/1575
EDMONDS P D	AFOSR 64/1150
EDSE R	AFOSR 64/1467
EDWARDS J R	ARL 64 0143
EDWARDS W	AFCRL 64 0147
EGELAND A	AFOSR 64/1499
EGGERS D F JR	AFCRL 64 0353
EILENBERG S	AFOSR 2158 AFOSR 64/1547 AFOSR 64/1548
EIRICH F R	AFOSR 64/1602
ELEMAN F	AFOSR 2062
ELIASSEN A	AFCRL 64 0470
ELLIOTT D	AFCRL 64 0506
ELLYETT C D	AFOSR 64/1735
ELSPAS B	AFCRL 64 0438
ELTERMAN L	AFCRL 64 0376
EMERSON M T	AFCRL 64 0409
ENGELBART D C	AFOSR 2158
ERICKSON R F	AFOSR 3223
ERIKSSON L	AFOSR 64/1747
ESTABLE C	AFOSR 64/1222
EVANS D A	AFOSR 64/1434
FABRICIUS E	AFCRL 64 0564
FAETH P A	AFOSRTN60 293
FAIRF A C	AFOSR 64/1737
FALCE B	AFCRL 64 0554
FAN C Y	AFOSR 64/1173
FANT C G	AFOSR 64 1148
FARISON J B	AFCRL 64 0762
FENSENFELD F C	AFOSR 64/1336
FEIL O G	AFOSR 64/1672
FELDMAN D W	AFOSR 64 0840
FELDMAN F A	AFCRL 64 0597
FENNER P A	AFCRL 64 0696
FERRARO A J	AFOSR 64/1682
FERRI A	AFCRL 64 0651
FICHERA G	AFOSR 64/1671
FIELD J C	ARL 64 0120
FINEMAN M A	AFCRL 64 0541
FISHBURNE E S	AFCRL 64 0519
FISHER R L	ARL 64 0141
FISHMAN F	AFCRL 64 0520
FITTS P M	AFOSR 3624 AFOSR 64/1566
FLATT W A	AFOSR 64/1164
FLINN M	AFCRL 64 0365
FLOOD D P	AFOSR 64/1168
FLORIO J V	AFCRL 64 0561
FLORY P J	AFCRL 64 0668
FLUGGE/LOTZ I	AFOSR 64/1692 AFOSR 64/1693
FOGUEL S P	AFOSR 64/1520
FOLEY H M	AFOSR 2694 AFOSR 64/1636
FOLKESTAD K	AFOSR 64/1365
FOULIS M W	AFCRL 64 0507
FOX H	AFCR 64 0566
FOX J D	AFOSR 64/1396
FOX T G	AFOSR 64 1165
FRALICK S C	AFOSR 64/1566
FRANK D F	AFOSR 64/1537
FRANKLIN N F	ARL 64 0158
FRANKLIN T C	AFCRL 64 0517
FRANZ F A	AFCRL 64 0517
FREEDMAN S J	AFOSR 64/1361
FREEMAN A J	AFOSR 64 0938
FREEMAN C G	AFOSR 64/1253
FREEMAN H	AFOSR 64/1518
FRIEDMAN L	AFOSR 64/1386
FRIEDMAN N	AFOSR 64/1215
FRIMAGER J	AFOSR 64/1207
FRIND G	AFCRL 64 0568
FRISCH I T	ARL 64 0140
FRISONE G J	AFOSR 64/1581
FROST A D	AFOSR 64/1528
FRUEH D J	AFCRL 64 0647 AFCRL 64 0648
FUJIMORI F	AFOSR 64 0991
FULLERTON H P	AFCRL 64 0416
FUTRELL J H	ARL 64 0152
GAFFRON M	ARL 64 0128
GALINDO V	AFOSR 64/1172
GALIPEAU J	AFOSR 64/1583
GALLANT R M	AFOSR 64 0879
GALLO P	AFCRL 64 0408
GALTIERI C A	AFOSR 64/1157
GAMBINO R J	AFOSR 64/1197
GARDER L	AFOSR 64/1200 AFOSR 64/1204
GARING J S	AFOSR 64/1386
GARSIA A M	AFCRL 64 0484
GARVIN P L	AFOSR 64/1620
GATLAND I R	AFOSR 64/1392
GEE H E	AFOSR 64/1727
GEORGE N	AFCRL 64 0561
GERKEN G M	AFCRL 64 0558
GERSTEIN G L	AFOSR 64/1141
GESKE D H	AFOSR 64/1576
GHAUSI M S	AFOSR 64/1511
GIACCOMI R	AFCRL 64 0149
GIBBS M	AFCRL 64 0439
GIBSON F G	AFOSR 1199
GIESE C	AFC 64 0860
GIESEKING D L	AFOSR 64 1161
GILL S J	AFOSR 64/1399
GILLESPIE R J	AFOSR 1148
GILMORE R	AFOSR 64/1929 AFOSR 64/1930 AFOSR 64/1931 AFOSR 64/1932
GLEISNER W P	AFCRL 64 0464
GODART J	AFCRL 64 0326
GOFFMAN C	AFCRL 64 0464
GOLD V	AFOSR 64/1920
GOLDBERG J	AFOSR 64/1695
GOLDBERG L S I	AFCRL 64 0376
GOLDSTEIN J I	AFOSR 64/1617
GOLOMB D	AFCRL 64 0528 AFCRL 64 0572
GOLUBEV C G	AFCRL 64 0614
GOODCHILDS J D	AFCRL 64 0341
GOODMAN L J	AFOSR 2984
GORDON W L	AFCRL 64 0622
GOSSELIN R P	AFOSR 64/1236
GOULD R W	AFOSR 3327
GOVINDARAJULU Z	AFOSR 64/1972
GRAD H	AFOSR 64/1609
GRAMMELTVEDT A	AFOSR 64/1667
GRAUERT H	AFCRL 64 0506
GRAY F G	AFOSR 64/1629 AFOSR 64/1630
GRAY P	AFOSR 64/1687 AFOSR 64/1709
GRAYBILL F A	AFOSR 64/1577
GREEN J S A	AFOSR 64/1639 AFOSR 64/1640 AFOSR 64/1641
GREENWOOD A	AFCRL 64 0531
GREGORY R L	ARL 64 0152
GREY J	AFOSR 64/1908
GRIFFIN C E	ARL 64 0125 ARL 64 0132
GRIFFIN J N	AFOSR 64/1489
GRIGOR A	AFCRL 64 0607
GRONEMANN U F	AFOSR 64/1417
GROSS C G	AFOSR 64/1364
GRUTEN E	AFOSR 64/1298
GROVE C S JR	AFCRL 64 0574 AFCRL 64 0576
GRUMET A	AFCRL 64 0622
GRUNBAUM B	AFCRL 64 0322
GUARD J R	AFOSR 2698 AFOSR 4585 AFOSR 64/1635
GUAZZI M	AFCRL 64 0411
GUGGENHEIMER H	AFOSR 64/1179
GUIDROZ R R	AFOSR 64/1610
GUNNICK J L	AFCRL 64 0520
GUNDERSON P D	AFCRL 64 0328
GUNTHER G	AFOSR 64/1746
	AFOSR 64/1381

GUSTAFSSON A	AFCRL 64 0670
	AFCRL 64 0670
	AFCRL 64 0671
HADALLER H	AFCRL 64 0565
HADRI A	AFCRL 64 0689
HAFNER S	AFOSR 64/1969
	AFOSR 64/1990
HAGGERDAL J	AFOSR 64/1179
	AFOSR 64/1187
HAGIWARA S	AFOSR 64/1787
HAGSTROM S	AFOSR 64/1520
HALL L A	AFCRL 64 0297
HALL R N	AFCRL 64 0667
	AFCRL 64 0702
HALLER F	AFOSR 64/1171
HALMOS P R	AFOSR 64/1999
HALPERN J	AFOSR 64/1226
HALSTED B F	ARL 64 0169
HAMILTON D C	AFOSR 64/1213
HAMILTON H J	AFOSR 64/1696
HAMM J J	AFCRL 64 0666
HANNAUER C F	AFCRL 64 0559
HANNON W J	AFCRL 64 0614
HARANG L	AFCRL 64 0601
	AFCRL 64 0627
	AFCRL 64 0628
HARANG O	AFCRL 64 0601
HARDY E R	AFCRL 64 0631
HARNEY P J	AFCRL 64 0531
HARP R S	ARL 64 0137
	ARL 64 0138
	ARL 64 0139
HARRAR H J	AFOSR 2619
HARRISON A A	AFOSR 64/1157
HARRISON C W JR	AFOSR 64/1962
HARTER L	ARL 64 0123
HARTMAN P	AFOSR 4819
	AFOSR 64/1608
HARVEY D J	ARL 64 0142
HASEGAWA A	AFOSR 64 1142
HASELGROVE E V	AFCRL 64 0600
HASKELL N A	AFCRL 64 0157
HAURF E N	AFCRL 64 0628
HAURWITZ R	AFCRL 64 0500
	AFCRL 64 0612
HAUSZ W	AFCRL 64 0196
HAZONY D	AFCRL 64 0568
HEBERT R A	AFCRL 64 0298
HECHT G J	AFOSR 64/1072
HEIDT L J	AFCRL 64 0631
HEIKKILA K F	AFCRL 64 0670
HEISKANEN W A	AFCRL 64 0566
HELLIWELL R A	AFOSR 64/1369
HENDRICKS C D JR	AFOSR 64/1671
HENLEY F	AFOSR 64/1448
HENRY J	AFOSR 64/1278
HERBERT R E	AFOSR 64 0886
	AFOSR 64 0887
	AFOSR 64 1038
HERING W S	AFCRL 64 0030
HERMANCE C E	AFOSR 64/1666
HERTEL G R	AFOSR 64/1942
	AFOSR 64/1943
HERTEL R H	AFOSR 64/1372
HESTER R A	AFOSR 64/1403
HEUMANN F E	AFCRL 64 0467
HEVERDAHL N E	ARL 64 0142
HICKMAN C E	AFCRL 64 0555
HIDA E	ARL 64 0113
HIDE R	AFCRL 64 0564
HIGGINS J A	AFCRL 64 0558
HIGGINS J F	AFCRL 64 0490
HILDUM J S	AFCRL 64 0328
HILLARD R	AFOSR 64/1167
HILLERDAHL D R	AFCRL 64 0204
HILTON J G	AFOSR 64/1649
	AFOSR 64/1682
HIMMELMANN E	AFCRL 64 0600
HINTERBERGER H F	AFCRL 64 0297
HIRSCH A A	AFOSR 64/1287
	AFOSR 64/1288
	AFOSR 64/1289
HISATSUNE I C	AFCRL 64 0651
HO Y/C	AFOSR 64/1348
	AFOSR 64/1349
HOCKNEY R W	AFOSR 64/1330
HOFF N J	AFOSR 64 1037
HOGAN J J	AFOSR 64/1670
	AFOSR 64/1671
HOGG R G	AFOSR 64 1144
HOGLUND G	AFOSR 64/1713
HOLLAND S S JR	AFCRL 64 0492
HOLLIS R L	AFOSR 64/1669
HOLM J D	AFOSR 64/1244
HOLT J F	AFOSR 64/1673
HOLWAY L H	AFCRL 64 0171
HOOKINGS G	AFCRL 64 0531
HOPE D B	AFOSR 64/1190
HORN F F	AFCRL 64 0583
HORNFELDT S	AFOSR 64/1222
HORROCKS W D JR	AFOSR 64/1517
HOSOKAWA I	AFOSR 64 1113
HOUSE L L	AFCRL 64 0497
HOUSLEY R M	AFOSR 64/1747
HOWARD J N	AFCRL 64 0484
HOWE C A	AFOSR 64/1533
HUGHES F D	AFOSR 64/1554
HUGHES E J	ARL 64 0131
HUGHES M P	AFCRL 64 0258
HUGUENIN G R	AFCRL 64 0337
	AFCRL 64 0596
HULL G W JR	AFOSR 64/1734
HUMPHRIES J F	AFOSR 64/1190
HURT M S	AFCRL 64 0635
HURT R M	AFCRL 64 0668
HURT W W JR	AFCRL 64 0519
	AFCRL 64 0591
HUNTER D M	AFCRL 64 0638
HURT W B	AFOSR 64/1674
HUSSEY R J	AFOSR 64/1224
HYDE G	AFCRL 64 0292
IBRETSON A	AFCRL 64 0546
IBELE W E	ARL 64 0149
IIJIMA T	AFOSR 64/1496
	AFOSR 64/1497
	AFOSR 64/1500
IIZUKA K	AFCRL 64 0539
	AFCRL 64 0636
ILIFF R L	AFCRL 64 0475
INGHRAM M G	AFCRL 64 0106
INGRI N	AFOSR 64/1555
INOMATA S	AFOSR 64/1159
ISHIMARU A	AFCRL 64 0255
ITO M	AFOSR 64/1400
ITOM T	AFCRL 64 0517
IWAMOTO R T	AFOSR 64/1515
	AFOSR 64/1516
IZUMI Y	AFCRL 64 0564
JACAVANCO D J	AFCRL 64 0511
JACOBS P	ARL 64 0152
JACOBSON A D	AFOSR 64 0804
JACOBSON R L	AFOSR 64/1766
JAFFE J M	AFCRL 64 0679
JAMMONT J	AFOSR 64/1679
JANSSON A	AFOSRTN66 293
JENES R D	AFOSR 64/1558
JENSEN E	AFCRL 64 0617
JENSEN M A	AFOSR 64/1213
JOHANSEN O F	AFCRL 64 0626
JOHN P E	AFOSR 64/1675
JOHNSON A A	ARL 64 0131
JOHNSON R W	AFCRL 64 0167
JOHNSTON W G	ARL 64 0139
JOICHI J T	AFOSR 64/1624
JONA F	AFOSR 64/1251
	AFOSR 64/1252
JONASSON J	AFOSR 64/1186
JONES A V	AFCRL 64 0438
	AFCRL 64 0439
JONES G S	AFOSR 3150
	AFOSR 64/1718
JONES R G	AFCRL 64 0486
JOSS J	AFCRL 64 0631
JOUVET M	AFOSR 64/1507
JUGAKU J	AFOSR 64/1597
JURY E I	AFOSR 64/1316
KABLER M N	AFOSR 6472
KAHAN A	AFCRL 64 0677
KAHN D	AFCRL 64 0171
KAHN W E	AFOSR 64/1582
KALMAN G	ARL 64 0140
KAMM G N	AFOSR 64/1231
KANDLER O	AFOSR 64/1650
KANG I K	AFCRL 64 0528
KANG K D	AFCRL 64 0591
KANTOR A J	AFCRL 64 0483
	AFCRL 64 0660
KAPLAN M	AFOSR 64/1264
	AFOSR 64/1265
KARLE J	AFOSR 64/1560
KASHIWARA T K	AFCRL 64 0621
KASZERMAN P	AFOSR 64/1391
KATSUPRAKIS J	AFOSR 64/1569
KATZ S	AFCRL 64 0177
KAUTZ W H	AFCRL 64 0652
KAWAMATA M	AFCRL 64 0517
KEFFER F	AFOSRTN59 193
KEILY D P	AFCRL 64 0621
KELLER J A	AFOSR 64/1665
KELLER J R	AFOSR 64/1612
KELLEY J J	AFCRL 64 0345
KELLY R F	AFOSR 64/1662
KENDIG A P	AFOSR 64/1667
KENNICOTT P R	AFCRL 64 0702
KERNER H	AFOSR 64/1630
KESSEY E O	AFOSR 64/1670
KEVANE C J	AFOSR 64/1230
KEVORKIAN J	AFOSR 64/1525
KIANG N Y/S	AFOSR 64/1576
KICE J L	AFOSR 64/1508
KILMER W L	AFCRL 64 0463
KILMISTER C W	AFOSR 64/1500
KING R D	AFOSR 64/1535
KING R W P	AFOSR 64/1562
	AFOSR 64/1563
KLAUSNER S Z	AFOSR 64/1500
KLEEN L M	AFOSR 64/1615
	AFOSR 64/1616
	AFOSR 64/1619
KLINE S J	AFOSR 64/1278
KNUDSEN F	AFCRL 64 0482
KOHL D A	AFCRL 64 0533
	AFOSR 64/1600
KOHN M T	AFCRL 64 0172
KONSTANTINS P	AFCRL 64 0669
KOPPELMAN W	AFOSR 64/1619
KORNBERG H L	AFOSR 64/1183
KORNFELD P	AFCRL 64 0667
KOSEI W S	AFOSR 64/1562
	AFOSR 64/1563
KOSOWER E M	AFOSR 64/1600
	AFOSR 64/1601
KRANC G M	AFOSR 64/1512
KRASCELLA N	AFOSR 64/1564
KREEVOY M M	AFOSR 64/1612
KREEVOY MM	AFOSR 64/1562
KREINDLER E	AFOSR 64/1513
KRETCHMER R A	AFOSR 64/1612
KRIEGER F M	AFOSR 64/1174
KRISHNAIAH P R	ARL 64 0124
KUERS G	AFCRL 64 0567
KUPER C G	AFOSR 6 1213
KURZ L	AFCRL 64 0289
KUWATA K	AFOSR 64/1511
KUSHNER H J	AFOSR 64/1525
LACHER J R	SRL 64 0004
LADD J A	AFCRL 64 0486
	AFCRL 64 0508
LADERMAN A J	AFOSR 64/1676
LAGERSTROM P A	AFOSR 64/1525
LAHA R G	AFOSR 64/1607
LAKSHMIKANTHAM V	AFOSR 64/1717
LAMB R C	AFOSR 64/1534
LAMB R W	SRL 64 0004
LAMBERT K G	AFCRL 64 0204
LAMBERT R M	AFCRL 64 0337
LAMKIN W E	AFCRL 64 0632
LAMPE P W	ARL 64 0128
LANDMAN A	AFOSR 64/1580
LANDSBERG P T	AFCRL 64 0564
LAPAGLIA S R	ARL 64 0154
LARSEN R	AFCRL 64 0627
LARSEN S H H	AFCRL 64 0624
LARSEN T	AFCRL 64 0657
	AFCRL 64 0509
LARSON R L	AFOSR 64/1536
LASALLE J P	AFOSR 64/1326
	AFOSR 64/1648
LASSETTRE E N	AFCRL 64 0669
LAWRENCE T R	AFCRL 64 0656
LAX B	AFOSR 64/1198
	AFOSR 64/1226
	AFOSR 64/1254
LEBLANC M A R	AFOSR 64/1506
LECOMTE J	AFCRL 64 0689
LEE F	AFCRL 64 0581
LEE H S	AFCRL 64 0651
LEE K S H	AFOSR 5367

LEE R C E	AFOSR 64/1369
LEE T H	ARL 64 0192
LEPSCHITZ S	AFOSR 64/1648
LERVOLD S	AFOSR 2766
LEWNER J	AFOSR 64/1987
LEINE P O	AFCRL 64 0513 AFCRL 64 0514
LENN P J	AFOSR 64 1000
LEVENSTEIN H	AFCRL 64 0569
LEVER R F	AFOSR 64/1259
LEVINE L M	AFOSR 64/1611
LEVINSTEIN H	AFOSR 64/1269
LEVY D M	AFOSR 64/1612
LEWIS E A	AFCRL 64 0461
LEWIS R M	AFOSR 64/1613
LIANG C	AFCRL 64 0517
LIBBY P A	AFOSR 64/1399
LIBRETTI J	AFOSR 64/1179
LIEBERMAN B B	AFOSR 64/1642
LIEBERMAN P	AFCRL 64 0474
LILLESTON C T	AFOSR 64/1672
LILLEY A F	AFCRL 64 0596
LINDKVIST E C	AFCRL 64 0260
LINDQVIST I	AFOSR 64/1591
LINDQVIST M	AFOSR 64/1169
LINDSTROM E S	AFOSR 64/1269
LINSCHITZ H	AFCRL 64 029[illegible]
LIPSON H G	AFCRL 64 0477
LIQUORNIK D J	AFOSR 64 0060
LISZKA L	AFCRL 64 0553 AFCRL 64 0560
LITTELL A	AFOSR 64/1278
LLOYD K F	AFOSR 64/1163 AFOSR 64/1902
LOFERSKI J J	ARL 64 0151
LONDON J	AFCRL 64 0501 AFCRL 64 0612
LOPEZ M E	AFCRL 64 0469
LORENTZ G G	AFOSR 64/1250 AFOSR 64/1719
LOUCKS T L	AFOSR 64/1220 AFOSR 64/1221
LOW W	AFOSR 64/1572
LOWDIN O	ARL 64 0134
LOWE L F	AFCRL 64 0634
LOWRY B A	AFOSR 64/1926
LUDELFELD J	AFCRL 64 0509
LUDLAM F H	AFCRL 64 0531
LUEHR C	AFCRL 64 0196
LUKACS E	AFOSR 64/1606 AFOSR 64/1607
LURIO A	AFOSR 64/1371
MACDOUGALL J D	AFOSR 64 1144
MACK M	AFOSR 64/1242 AFOSR 64/1243
MACKLIN W C	AFCRL 64 0531
MACLANE G R	AFOSR 3260 AFOSR 64/1586
MACMILLAN R S	AFOSR 64 1141
MADANSKY L	AFOSRTN60 463
MAFFEI L	AFOSR 64/1710
MAFFITT K N	AFOSR 64/1743 AFOSR 64/1745
MAGILL D T	AFOSR 64/1333
MAGNI F	AFOSR 64/1701
MAHER P D	AFCRL 64 0668
MALDONADO M	AFOSR 64/1683
	AFOSR 64/1684 AFOSR 64/1685 AFOSR 64/1690
MALMFORS T	AFOSR 64/1187
MALTBY P	AFCRL 64 0619
MANCI O J JR	ARL 64 0003
MANCINI A	AFCRL 64 0646
MANDEL G	AFOSR 64/1291
MANN P	AFOSR 64/1613
MANNING F G	AFOSR 64/1597
MARSHMANN M	AFOSR 64/1516
MARCUS R A	AFOSR 64/1610
MARGERUN D W	AFOSR 64/1604 AFOSR 64/1605 AFOSR 64/1606 AFOSR 64/1607 AFOSR 64/1608
MARK H B JR	AFOSR 788 AFOSR 789 AFOSR 64/1398
MARK J E	AFOSR 64/1492 AFOSR 64/1494
MARPLE D T F	ARL 64 0149
MARSDEN M V R	AFOSR 64/1706
MARSEILLAN R F	AFOSR 64/1174
MARTIN C R	AFOSR 64/1250
MARTORANA S V	OAR 64 0010
MASON A A	AFCRL 63 0663
MASSA R J	AFCRL 64 0478
MATTHEWS P T	AFOSR 64/1151
MATURANA M R	AFOSR 64/1728
MATUSUDA F	AFCRL 64 0517
MAXWELL A	AFCRL 64 0609
MAXWELL J C	AFCRL 63 0971
MAYEDA W	AFOSR 64/1356
MCALEVY R F III	AFOSR 64/1648
MCCANN S M	AFOSR 64/1708
MCCLELLAND D	AFCRL 64 0517
MCCLINTOCK C G	AFOSR 64/1157 AFOSR 64/1166
MCCUBBIN T K	AFCRL 64 0324
MCCULLOCH W S	AFCRL 64 0463
MCDANIEL A	AFCRL 64 0517
MCDERMOTT M N	AFOSR 64/1366 AFOSR 64/1579
MCDONALD R L	AFOSR 64/1906
MCDONOUGH W M	AFCRL 64 0596
MCGEE E E	AFCRL 64 0591
MCGUIRE T R	AFOSR 64/1199 AFOSR 64/1205
MCILVAIN M	AFOSR 64/1703
MCILVWIN M	AFOSR 64/1711
MCILWAIN M	AFOSR 64/1275
MCLATCHIE W	AFOSR 64 1144
MCLAUCHLAN E C	AFCRL 64 0438
MCMAHON D G	AFCRL 64 0539
MCNEAL R J	AFOSR 64/1490 AFOSR 64/1491
MCVEIGH G E	AFCRL 64 040[illegible]
MEAD C A	AFOSR 64/1151 AFOSR 64/1152
MEISTERS G	AFOSR 64/1601
MEREDITH R E	AFCRL 64 0668
MERMELSTEIN F	AFOSR 64/1975
MERRIAM M F	AFOSR 64/1218
MESIROFF F	AFCRL 64 0248
MICHA G	ARL 64 0134
MICHALED F	AFCRL 64 0177
MIDDLETON S	AFOSR 64/1461
MIDTDAL J	AFOSR 64/1256
MIGEOTTE M	AFCRL 64 0569
MILLER B I	AFOSR 64/1257
MILLER J M	AFOSR 64 0991
MILLER K	AFOSR 64/1491
MILLER M G	AFOSR 6472
MILLER R C	AFOSR 64/1250
MINC M	AFOSR 64/1521 AFOSR 64/1736
MINKOWICH A	AFOSR 64/1686
MINSPMAN M J	AFCRL 64 0322
MINNICK R C	AFCRL 64 0176
MINZNER R A	AFCRL 64 0490
MITCHELL D	AFOSR 64/1176
MITCHELL G E	AFOSR 64 1146 AFOSR 64 1147
MITCHELL R F	AFCRL 64 0476
MITCHELL R C	AFOSR 64/1665
MOFFAT J W	AFOSR 64/1727
MOJONI A	AFOSR 64/1214
MOLLER F	AFCRL 64 0567
MOMANY F A	AFOSR 64/1537
MONGY M	AFOSR 64/1223
MONTGOMERY D B	AFOSR 64/1738
MOORE C F	AFOSR 64 1145
MOORE J C	AFOSR 64/1602
MORAY N	AFOSR 64/1508
MORGAN J E	AFCRL 64 0462
MORGAN M G	AFCRL 63 0772
MORITZ M	AFCRL 64 0566
MORKVED F M	AFOSR 64/1508
MORRIS L A	AFOSR 64/1229
MORRIS M L	ARL 64 0127
MORRISH A M	AFOSR 64/1266 AFOSR 64/1267
MORRISON N	AFCRL 64 0568
MORRISON P T	AFOSR 64/1533
MORUZZI G	AFOSR 64/1709
MORUZZI V L	AFOSR 64/1203
MOSER J K	AFOSR 64/1319
MOSHIER R W	ARL 64 0127
MOSKOWITZ S E	AFOSR 64 0861
MOSSOP S C	AFCRL 64 0531
MOTT-SMITH J C	AFCRL 64 0478
MOTZKIN T S	AFOSR 64/1635
MOULIN .	AFOSR 64 1139 AFOSR 64 1140 AFOSR 64/1299
MOUNTCASTLE V B	AFOSR 64/1635
MUELLER I I	AFCRL 64 0566
MUFFLER R E	AFOSR 64/1743
MUFFLER R K	AFOSR 64/1744 AFOSR 64/1745
MULLEN J	AFCRL 64 0523
MULLER E W	AFOSR 64/1717
MULLERY A	AFCRL 64 0454
MULLIN W J	ARL 64 0153
MULLINGS R N	ARL 64 0146
MUNSON A G	AFOSR 64 1056
MURR L E	AFOSR 64 1004
MURRAY C	AFCRL 64 0258
MYERS G W	AFCRL 64 0243
MYERS R A	AFOSR 64/1345
MYRVAAGNES F	AFCRL 64 0510
NA M S H	AFOSR 64/1381
NACHTRIEB N H	AFOSR 64/1369 AFOSR 64/1550
NADEAU J S	ARL 64 0139
NAGABHUSHANAM M	AFOSR 64/1510
NAGARAJA K S	ARL 64 0196
NAGELBERG F R	AFOSR 64 0803
NAGY A R JR	ARL 64 0116
NAIMAN S	AFCRL 64 0456 AFCRL 64 0464
NAKA K I	AFOSR 64/1707
NALLAR R	AFOSR 64/1708
NARCISI R S	AFCRL 64 0462
NAYFEH A H	AFOSR 64/1306
NEAL A G	AFOSR 64/1300
NEFF H P	AFCRL 64 0559
NEFF W D	AFOSR 64/1161
NEMARI Z	AFOSR 3342 AFOSR 64/1612
NELSON D	AFOSR 64/1301
NELSON I V	AFOSR 64/1515 AFOSR 64/1516
NEWCOMB R W	AFOSR 64/1722 AFOSR 64/1752
NICHOLS L D	AFCRL 64 0359
NIELSEN A H	AFCRL 63 0863
NILES F E	AFOSR 64/1483
NISHIKAWA S	AFCRL 64 0478
NISHINA Y	AFOSR 64/1276
NIXON J	AFOSR 64/1602
NORINDER H	AFCRL 64 0482 AFCRL 64 0488
NORUZZI G	AFOSR 64/1702
NOTZ W	AFCRL 64 0454
NOVICK R	AFOSR 64/1366 AFOSR 64/1371 AFOSR 64/1579 AFOSR 64/1580
NOYES W A JR	AFOSR 64/1688
OBERMAYER A S	AFCRL 64 0359
OCARRA P	AFOSR 64/1176
OCONNOR J	AFOSR 64/1389
ODIAN G	AFOSR 64/1648
OGAWA M	AFCRL 64 0549
OGG R A	AFOSR 3679
OGUCHI T	AFOSRTN59 193
OHEOCHA C	AFOSR 64/1176
OLSON F A	AFCRL 64 0245
OLSON J R	AFOSR 2766
ONNOLT A	AFCRL 64 0601 AFCRL 64 0625 AFCRL 64 0626
ONUCHIC M	AFOSR 64/1608 AFOSR 64/1717
OPPENHEIM A E	AFOSR 64/1672 AFOSR 64/1676
ORFY S	AFOSR 64/1637
ORVILLE-THOMAS W J	AFCRL 64 0486 AFCRL 64 0508
OSBORN J R	AFOSR 64/1679 AFOSR 64/1680
OSEAN H J	AFCRL 64 0560
OSWALD W J	AFCRL 64 0341
OTTOSON D	AFOSR 64/1699
OVERMEYER J	AFOSR 64/1202 AFOSR 64/1204
OWMAN C	AFOSR 64/1173
PACIFICI J G	AFOSR 64/1534
PALESTINI M	AFOSR 64/1196
PANAR M	AFCRL 64 0359
PANELLA R F	AFOSR 64/1680

PANETTI M	AFCRL 64 0487
PANOPSEY H A	AFCRL 64 0402
PANLINI F B	AFCRL 64 0439
PAPAGIANNIS N D	AFCRL 64 0596
PAPI F	AFOSR 64/1791
PAPOULIS A	AFOSR 64/1979
PARIEN S C	AFOSR 64/1981
PARK J B	SRL 64 0004
PARKER/RHODES A F	AFOSR 64/1984
PARRISH W	AFOSR 64/1262 AFOSR 64/1263
PARRISS J R	AFOSR 64/1717
PATEL S A	AFOSR 64 1039
PAULI G H	AFOSR 64/1997
PAULSON F	AFCRL 64 0529
PEACHER J L	AFOSR 64/1901 AFOSR 64/1939
PEACOCK R N	AFOSR 64/1971
PEDERSON D O	AFOSR 64/1976
PENNING F A	AFOSR 64/1627
PERKINS W R	AFOSR 64/1968
PERRY B W	AFOSR 64/1979
PETERS C W	AFCRL 64 0668
PETROCCHI P	AFCRL 64 0591
PEVSNER A	AFOSRTN60 463
PHILBROOK G E	AFOSR 64/1271
PHILLIPS L F	AFOSR 64/1918
PHILLIPS R L	ARL 64 0150
PICKETT J M	AFCRL 64 0155 AFCRL 64 0492
PIERCE A D	AFCRL 64 0526
PINES C J	AFOSR 64/1467
PISANO M	AFOSR 64/1196
PLANE R A	AFOSR 64/1402 AFOSR 64/1403
PLANSKY N	AFCRL 64 0540
PLETZER T	AFOSR 64/1448
POLLACK I	AFCRL 64 0155 AFCRL 64 0492
POMZO P J	AFOSR 64/1569 AFOSR 64/1570
POOL H L	AFOSR 64/1673
POST R E	AFCRL 64 0147
PRABHAKARA C	AFCRL 64 0501
PRATESI P	AFCRL 64 0604
PRENTISS H V	AFCRL 64 0204
PRINCE J F	AFOSR 64/1481
PROCOPIO L W	AFCRL 64 0421
PURNHAGEN T G	AFCRL 64 0589 AFCRL 64 0639
PYE J D	AFOSR 64/1168
QUAIL J W	AFOSR 64/1532
QUAYLE J R	AFOSR 64/1189
QUENZEL H	AFCRL 64 0567
QUINLAN P M	AFOSR 64/1294
QUINN T G JR	AFCRL 64 0439
RAGAZZINI J	AFOSR 64 1009
RAJAPHRACH L	AFOSR 2062
RAMIREZ V D	AFOSR 64/1708
RANSEY J L	AFCRL 64 0661
RAPP A E	AFCRL 64 0649
RAPP R A	ARL 64 0158
RAPP R H	AFCRL 64 0566 AFCRL 64 0575
RASHIP M	AFOSR 64/1178
RASMUSSEN N C	AFCRL 64 0404
RAUB C	AFOSR 64/1217
RAUB C J	AFOSR 64/1233 AFOSR 64/1234
REEVES B A	AFOSR 64/1616
REHFIELD L W	AFOSR 64 1097
REILLEY C N	AFOSR 788 AFOSR 789 AFOSR 1322 AFOSR 1540 AFOSR 64/1998 AFOSR 64/1999
REILLY A E	AFCRL 64 0455
REISER M	AFCRL 64 0600
REISS R F	AFOSR 64/1694 AFOSR 64/1695
REMMERT R	AFOSR 64/1631
RHEIN S	AFCRL 64 0600
RICE S A	AFOSR 64/1925 AFOSR 64/1926 AFOSR 64/1994
RICHARDS J L	FCRL 64 0487
RINDLE G	AFOSR 64/1966
RIECKER R E	AFCRL 64 0549 AFCRL 64 0633
RIES R P	AFOSR 64/1971
RINGWALD T S	AFCRL 64 0618 AFCRL 64 0620
RINGWALT D L	AFCRL 64 0587
RIOUX R	AFCRL 64 0464
ROBERTSON W W	AFOSR 64/1476 AFOSR 64/1477 AFOSR 64/1481 AFOSR 64/1482 AFOSR 64/1483 AFOSR 64/1676 AFOSR 64/1677
ROBINSON D W	AFOSR 64/1416 AFOSR 64/1567
ROBSON D	AFOSR 64 1145
ROGERS C A	AFOSR 64/1626
ROGERS K	AFCRL 64 0657
ROGERS M	AFOSR 64 1001
ROHRER R A	AFOSR 64/1561 AFOSR 64/1566
ROLFE F	AFCRL 64 0171
ROLL R E	AFCRL 64 0257
ROM J	ARL 64 0117
RONCHI L	AFCRL 64 0355 AFCRL 64 0404
ROWRING S N	AFCRL 64 0465
ROSARACHER D R	AFOSR 64/1405 AFOSR 64/1408
ROSA C J	AFOSR 64/1227
ROSADINI G	AFOSR 64/1194
ROSENBERG N W	AFCRL 64 0414
ROSENGREN E	AFOSR 64/1186
ROSS H F	AFOSR 64/1388
ROSSI G F	AFOSR 64/1196
RUNSTADLER P W JR	AFOSR 64/1278
RUSHFORTH C K	AFCRL 64 0660
RUSSELL G A	AFOSR 64/1506 AFOSR 64/1505
RUTHERFORD R R	AFCRL 64 0406
RYAN N W	AFOSR 64/1665
RYDIN R A	AFCRL 64 0404
SAARLAS M	ARL 64 0119
SACHS M	AFOSR 64/1171
SAGALYN RC	AFCRL 64 0592
SALAM A	AFOSR 64/1151
SALAMA E	AFOSR 64/1229
SALISBURY J W	AFCRL 64 0429
SALOMAN E B	AFOSR 64/1979
SALTZBERG B R	AFCRL 64 0289
SAMEROFF M	AFOSR 64/1931
SAMPSON J L	AFCRL 64 0618
SARACHIK P E	AFOSR 64/1912 AFOSR 64/1919
SATTERTHWAITE C B	AFOSR 64/1971
SAUERWEIN H JR	AFOSR 64 1055
SAVELY H E	AFOSR 64/1901
SAVEY P H	AFCRL 64 0569
SCARGI L	AFCRL 64 0487
SCHARZ P	AFCRL 64 0600
SCHAUER R F	AFCRL 64 0656
SCHEGAI A M	AFCRL 64 0555
SCHERBERG H G	ARL 64 0159
SCHETZ J A	AFOSR 64/1679
SCHIFF H I	AFCRL 64 0462
SCHIFF L I	AFOSR 64/1149
SCHILLING D L	AFOSR 6502
SCHLAYER C F	AFCRL 64 0530
SCHMIDT D W	AFOSR 64/1279
SCHMITT H J	AFOSR 64/1561
SCHNEIDER J M	AFOSR 64/1676 AFOSR 64/1677
SCHOLTZ R A	AFOSR 64/1531
SCHORSCH A	AFOSR 64/1555
SCHRADER D H	AFCRL 64 0565
SCHRAUB F A	AFOSR 64/1278
SCHUERMANN W C	AFOSR 6404
SCHWARZ S E	AFOSR 64 1143
SCHWEIZER W	AFCRL 64 0297
SCHWINGER J	AFOSR 64/1152 AFOSR 64/1241
SEARLE C W	AFOSR 64/1247
SEARS W R	AFOSR 64 1138
SEEMAN M	AFOSR 64/1500
SEGALL R	ARL 64 0145
SEGINER A	ARL 64 0117
SEIFERT K E	AFCRL 64 0549 AFCRL 64 0633
SEGERA 7	AFCRL 64 0566
SELBERG H L VON	AFOSR 64/1615
SEN H K	AFCRL 63 0902
SENIOR J R	AFOSR 64/1929
SERRIN J	AFOSR 64/1520
SHAFER M	AFOSR 64/1199 AFOSR 64/1205
SHANAHAN J P	AFOSR 64/1505
SHAPIRA Y	AFOSR 64/1254
SHAPIRO D	AFCRL 64 0487
SHAPIRO R	AFCRL 64 0615 AFCRL 64 0591
SHAVIT M	AFOSR 64/1184 AFOSR 64/1185
SHAW F W	AFCRL 63 0765
SHAW G L	AFOSR 64/1159
SHE C/Y	AFOSR 64/1977
SHELDON L L	AFCRL 64 0562
SHERMAN H P	ARL 64 0152
SHIDEMAN F E	AFOSR 64/1276
SHIH K T	ARL 64 0149
SHILMAN A	AFOSR 64/1610
SHINNAR R	AFOSR 64/1666
SHMAVONIAN R M	AFOSR 64/1304
SHORT R A	AFCRL 64 0576
SHULL H	AFOSR 64/1920 AFOSR 64/1921 AFOSR 64/1922
SHUMAY B H	AFCRL 64 0587
SIBUL J	AFCRL 64 0461
SIEVERS D F	ARL 64 0127
SILVER D S	AFCRL 64 0669
SILVERMAN A J	AFOSR 64/1906
SIMPSON J A	AFOSR 64 1168
SIMS M E	AFOSR 64/1212
SION M	AFOSR 64/1676
SKIFSTAD J G	ARL 64 0112
SKIKO E J	AFOSR 64/1335
SKOOG	AFOSR 3479
SKRAMP P A	AFOSR 64/1913
SLATOR F R	AFCRL 64 0130 AFOSR 64/1276
SLETTERAK A	AFCRL 64 0257
SLIFKIN L M	AFOSR 6472
SLOTTOW H G	AFOSR 64/1993
SMALLEY V G	AFCRL 64 0429
SMALLWOOD R D	AFCRL 64 0071
SMELTZER W W	AFOSR 64/1226 AFOSR 64/1227 AFOSR 64/1229
SMIDOV M	AFCRL 64 0592
SMITH F F	AFOSR 2906
SMITH F M	AFOSR 788
SMITH F W	AFOSR 64/1929
SMITH P J	AFOSR 64 1004
SMITH R	AFCRL 64 0196
SMITH W T	AFOSR 1320
SOBRAL M JR	AFOSR 64/1561
SONERBERG U	AFOSR 64/1170
SOLOMONOFF R J	AFOSR 64/1388
SPECHT D F	AFOSR 64/1578
SPECHT W A JR	AFOSR 64/1311
SPENCER R C	AFCRL 64 0292
SPENCER T W	AFCRL 64 0608
SPERLING R C	AFOSR 64/1484
SPITZER W G	AFOSR 64/1351 AFOSR 64/1352
SPOONER J R JR	AFOSR 64/1414
SQUIER D P	AFCRL 64 0503
STAES K	AFOSR 64/1260
STAMPFER F	AFOSR 64 0958
STANNARD C R JR	AFOSR 64/1265
STARK R W	AFOSR 64/1236
STATEMAN H J	AFCRL 64 0363
STEELE W A	AFOSR 64/1417
STEIN E M	AFOSR 64/1616
STEIN F M	AFOSR 64/1322
STEPHENS D L	AFCRL 64 0630
STEVENS B	ARL 64 0121
STEWART R M JR	AFCRL 64 0147
STICKLEY C M	AFCRL 64 0434
STOCKER H J	AFOSR 64/1265
STONE F C	AFOSR 64 1148
STONE H S	AFCRL 64 0576
STONE K L	AFOSR 64/1589
STRAND R	AFOSRTN60 463
STRAND S	AFOSR 64/1157
STRAND T G	AFOSR 64/1495 AFOSR 64/1498 AFOSR 64/1499 AFOSR 64/1538
STRANG VAN HEES G L	AFCRL 64 0575
STRATTON H H JR	AFOSR 64/1721

STORRS J — AFCRL 64 0590
STUBITAN V S — AFOSR 64/1229
SUITS J C — AFOSR 64/1199
SULLIVAN B A — AFCRL 64 0601
SUMMERFIELD M — AFOSR 4609; AFOSR 64/1666
SUNDRY R — AFOSR 64/1447
SVANSON D G — AFOSR 64/1972
TAKABATAKE Y — AFOSR 64/1171
TAKAMI M — AFOSR 64/1202
TAKARO A — AFOSR 64 0675
TALLAN R M — ARL 64 0139
TAMAGNO J — AFOSR 64/1472
TANAKA Y — AFCRL 64 0549
TANG T W — AFCRL 64 0570
TAYLOR J — AFOSR 64/1242
TAYLOR J M — AFOSR 64/1243
TAYLOR J R — AFOSR 64/1150
TAYLOR R C — AFCRL 64 0527; AFOSR 64/1517
TEARNY D T — AFOSR 64/1203
TEICH A H — AFCRL 64 0559
TEGRELL T — AFOSR 64/1180
TEPLEY L — AFCRL 64 0204
THAYER J G — AFOSR 64/1541
THEEUWES F — AFOSR 64/1240
THOMAS J R — AFOSR 64/1570
THOMAS R — AFOSR 64/1180; AFOSR 64/1714
THOMASSEN A R — AFCRL 64 0532; ARL 64 0534
THORNTON E R — AFOSR 64/1520
THURSTON G A — AFOSR 64/1627
TIFFORD A R — ARL 64 0136
TILLMAN J D — AFCRL 64 0595
TINGLEY D G — AFOSR 64/1542
TINHOFER G — AFCRL 64 0536
TITMAN C W — AFCRL 64 0546
TOMISOMBI P — AFOSR 64/1701
TOGNIG T — AFOSR 1060 669
TORALDO DI FRANCIA G — AFCRL 64 0604
TOU C P — AFCRL 64 0611
TOWNSEND A A — AFCRL 64 0402
TRACEY J H — AFCRL 64 0147
TRAINOR J H — AFCRL 64 0558
TRENTACOSTE R — AFOSR 64/1472
TRIMPI W — AFOSR 64/1569
TRIPP W C — ARL 64 0122
TRIXAL J G — AFOSR 64/1315
TUCK D G — ARL 64 0114
TUCKER H G — AFOSR 64/1721
TURNER J F — AFOSR 1135
TURNER M A — AFOSR 64/1562
TURRANDEY D — AFCRL 64 0599
TURYN R — AFCRL 64 0137
ULPENDAHL H R — AFOSR 64/1706
UMBACH H G — AFCRL 64 0539
UNTIEDT D A — AFOSR 64/1676
VAN DER ZIEL J P — AFOSR 64/1564
VAN HEMERT R C — ARL 64 0110
VAN ITTERBEEK A — AFOSR 64/1249
VAN ROOSMALEN P — AFOSR 64 1164
VAN VALKENBURG H E — AFOSR 64/1556
VANDERWARF C — AFCRL 64 0448
VENKATRAMAN B — AFOSR 64 1039
VERDEEN D — AFOSR 64/1240
VEST R W — ARL 64 0122
VON FOERSTER H — AFOSR 64/1301
VON ROCH H — AFCRL 64 0545; AFCRL 64 0570
VOULES D R — AFOSR 64/1600
VREMEN G H F — AFOSR 64/1190
VYSOKNY R — AFOSR 64/1734
WAESCHE R H W — AFOSR 4609
WAIT J R — AFCRL 64 0472; AFCRL 64 0473
WALDECK D — AFOSR 64/1187; AFOSR 64/1186
WALECKA J D — AFOSR 64/1154
WALKER H — AFCRL 64 0429
WALKER R G — AFCRL 64 0169
WALLACE W E — AFOSR 64/1513; AFOSR 64/1514
WALLIS C P — AFOSR 64/1583
WALLWORK G R — AFOSR 64/1227
WALRAFEN G E — AFOSR 64/1403
WALSH J L — AFOSR 64/1621
WARD D L — AFOSR 64 1000
WARD F — AFCRL 64 0415
WARWICK J W — AFCRL 64 0502
WASSON J T — AFCRL 64 0521; AFCRL 64 0553
WATERS J R — AFCRL 64 0435
WATSON C W — AFCRL 64 0471
WATSON R E — AFOSR 64/1253
WAX N — AFOSR 64/1569; AFOSR 64/1570
WEBER E — AFOSR 64/1482
WEINER E R — AFOSR 64/1543
WEINTRAUB D — AFOSR 64/1158
WEISERANTZ L — AFOSR 64/1160; AFOSR 64/1295; AFOSR 64/1297; AFOSR 64/1299
WEISS T F — AFOSR 64/1567
WENDT H R — AFOSR 64/1252
WENGERAD J — AFOSR 4693; AFOSR 64/1666
WENTWORTH R C — AFCRL 64 0204
WERNER W — AFOSR 64/1604
WESSDECHER F — AFCRL 64 0363
WEST R — AFOSR 64/1541
WETZEL L — AFCRL 64 0570
WIDDER D V — AFOSR 1009; AFOSR 1122; AFOSR 64/1622
WILDE R E — AFOSR 64/1416
WILHELMSSON E H B — AFCRL 64 0533; AFCRL 64 0534; AFCRL 64 0535
WILKINSON F — ARL 64 0126
WILLIAMSON R C JR — AFOSR 64/1504; AFOSR 64/1505
WILSON G H — AFOSR 64/1374
WIN S W — AFOSR 64/1559
WINTER E R F — ARL 64 0149
WITTH W — AFOSR 64/1390
WITLCHARD G — AFOSR 64/1489
WOODBURY H K — AFCRL 64 0467; AFCRL 64 0702
WOESTER H — AFOSR 64/1318
WORTMANN F X — AFOSR 64/1280
WU G/S — AFOSR 64/1481
WU T T — AFOSR 64/1343
WULFSBERG E N — AFCRL 64 0590
WUNDERMAN I — AFOSR 64/1330
WUNK E — AFCRL 63 0679; AFCRL 63 0750; AFCRL 64 0646
WYLIER A A — AFCRL 64 0615; AFCRL 64 0616
YARIS R — AFOSR 64/1606
YOUNG G O — AFOSR 64 1141
YOUNG J Z — AFOSR 64/1642; AFOSR 64/1687; AFOSR 64/1689; AFOSR 64/1705
ZAK A R — ARL 64 0144
ZAK J — AFOSR 64/1739; AFOSR 64/1740
ZANCHETTI A — AFOSR 64/1179
ZAPP H R — AFCRL 64 0672
ZELLER E — AFOSR 64/1719
ZIMMERMAN S P — AFCRL 64 0413
ZUKOSKI E E — AFOSR 64 0448
ZYGMUND A — AFOSR 64/1614

IV INSTRUMENT-NUMBER INDEX

AF 19(604)-[illegible]
AFCRL 64/1585

AF 19(604)-[illegible]
AFCRL 64/1737

AF 19(604)-[illegible]
AF [illegible] 64 [illegible]

AF 19(604)-[illegible]
AFCRL 64 0672

AF 19(604)-[illegible]
AFCRL 63 0772

AF 19(604)-[illegible]
AFCRL 64 0237

AF 19(604)-[illegible]
AFCRL 64 0298

AF 19(604)-[illegible]
AFCRL 64 0669

AF 19(604)-[illegible]
AFCRL 64 0167

AF 19(604)-[illegible]
AFCRL 64 0326

AF 19(604)-[illegible]
AFCRL 64 0500
AFCRL 64 0501
AFCRL 64 0512

AF 19(604)-[illegible]
AFCRL 64 0682

AF 19(604)-[illegible]
AFCRL 64 0631

AF 19(604)-[illegible]
AFCRL 64 0357

AF 19(604)-[illegible]
AFCRL 64 0668

AF 19(604)-[illegible]
AFCRL 64 0398

AF 19(604)-[illegible]
AFCRL 64 0668

AF 19(604)-[illegible]
AFCRL 64 0583

AF 19(604)-[illegible]
AFCRL 64 0327

AF 19(604)-[illegible]
AFCRL 64 0289

AF 19(604)-[illegible]
AFCRL 64 0361

AF 19(604)-[illegible]
AFCRL 64 0601
AFCRL 64 0602

AF 19(604)-[illegible]
AFCRL 64 0118

AF 19(604)-[illegible]
AFCRL 64 0697
AFCRL 64 0698
AFCRL 64 0699

AF 19(604)-[illegible]
AFCRL 64 0339
AFCRL 64 0638

AF 19(604)-[illegible]
AFCRL 64 0528
AFCRL 64 0572

AF 19(604)-[illegible]
AFOSR 66/1198
AFOSR 66/1226
AFOSR 66/1253
AFOSR 66/1254
AFOSR 66/1738
AFOSR 66/1739
AFOSR 66/1760

AF 19(604)-[illegible]
AFCRL 64 0619

AF 19(604)-[illegible]
AFCRL 64 0614

AF 19(604)-[illegible]
AFCRL 64 0604

AF 19(604)-[illegible]
AFCRL 63 0863

AF 19(604)-[illegible]
AFCRL 64 0551

AF 19(604)-[illegible]
AFCRL 64 0106

AF 19(604)-[illegible]
AFCRL 64 0166

AF 19(604)-[illegible]
AFCRL 64 0538

AF 19(604)-[illegible]
AFCRL 64 0560

AF 19(604)-[illegible]
AFCRL 64 0661

AF 19(604)-[illegible]
AFCRL 64 [illegible]
AFCRL 64 [illegible]

AF 19(604)-[illegible]
AFCRL 64 0177

AF 19(604)-[illegible]
AFCRL 64 0517

AF 19(604)-[illegible]
AFCRL 64 0610

AF 19(604)-[illegible]
AFCRL 64 0657

AF 19(604)-[illegible]
AFCRL 64 0669

AF 19(628)-[illegible]
AFCRL 64 0196

AF 19(628)-[illegible]
AFCRL 64 0502

AF 19(628)-[illegible]
AFCRL 64 0607

AF 19(628)-[illegible]
AFCRL 64 062

AF 19(628)-[illegible]
AFCRL 64 0555

AF 19(628)-[illegible]
AFCRL 64 0693

AF 19(628)-[illegible]
AFCRL 64 0665

AF 19(628)-[illegible]
AFCRL 64 0667
AFCRL 64 0668

AF 19(628)-[illegible]
AFCRL 64 0667
AFCRL 64 0702

AF 19(628)-[illegible]
AFCRL 64 0668

AF 19(628)-[illegible]
AFCRL 64 0698

AF 19(628)-[illegible]
AFCRL 64 0365

AF 19(628)-[illegible]
AFCRL 64 0263

AF 19(628)-[illegible]
AFCRL 64 0206

AF 19(628)-[illegible]
AFCRL 64 0622

AF 19(628)-[illegible]
AFCRL 63 0765

AF 19(628)-[illegible]
AFCRL 64 0566

AF 19(628)-[illegible]
AFCRL 64 0650

AF 19(628)-[illegible]
AFCRL 64 0671

AF 19(628)-[illegible]
AFCRL 63 0371

AF 19(628)-[illegible]
AFCRL 64 0568

AF 19(628)-[illegible]
AFCRL 64 0558

AF 19(628)-[illegible]
AFCRL 64 0258
AFCRL 64 0609

AF 19(628)-[illegible]
AFCRL 64 0322

AF 19(628)-[illegible]
AFCRL 64 0435

AF 19(628)-[illegible]
AFCRL 64 0456
AFCRL 64 0464

AF 19(628)-[illegible]
AFCRL 64 0621

AF 19(628)-[illegible]
AFCRL 64 0606

AF 19(628)-[illegible]
AFCRL 64 0620

AF 19(628)-[illegible]
AFCRL 64 0[illegible]

AF 19(628)-[illegible]
AFCRL 64 0561

AF 19(628)-[illegible]
AFCRL 64 0161

AF 19(628)-[illegible]
AFCRL 64 0137

AF 19(628)-[illegible]
AFCRL 64 0165

AF 19(628)-[illegible]
AFCRL 64 0378

AF 19(628)-[illegible]
AFCRL 64 0292

AF 19(628)-[illegible]
AFCRL 64 0560

AF 19(628)-[illegible]
AFCRL 64 0251

AF 19(628)-[illegible]
AFCRL 64 0573
AFCRL 64 0574
AFCRL 64 0575
AFCRL 64 0576

AF 19(628)-[illegible]
AFCRL 64 0333

AF 19(628)-[illegible]
AFCRL 64 0629

AF 19(628)-[illegible]
AFCRL 64 0171

AF 19(628)-[illegible]
AFCRL 64 0671

AF 19(628)-[illegible]
AFCRL 64 0587

AF 19(628)-[illegible]
AFCRL 64 0638
AFCRL 64 0639

AF 19(628)-[illegible]
AFCRL 64 0328

AF 19(628)-[illegible]
AFCRL 64 0326

AF 19(628)-[illegible]
AFCRL 64 0376

AF 19(628)-[illegible]
AFCRL 64 0652

AF 19(628)-[illegible]
AFCRL 64 0338

AF 19(628)-[illegible]
AFCRL 64 0607

AF 19(628)-[illegible]
AFCRL 64 0359

AF 19(628)-[illegible]
AFCRL 64 0172

AF 19(628)-[illegible]
AFCRL 64 0656

AF 19(628)-[illegible]
AFCRL 64 0539

AF 19(628)-[illegible]
AFCRL 64 0337

AF 19(628)-[illegible]
AFCRL 64 0515

AF 19(628)-[illegible]
AFCRL 64 0611

AF 19(628)-[illegible]
AFCRL 64 0408

AF 19(628)-[illegible]
AFCRL 64 0240

AF 19(628)-[illegible]
AFCRL 64 0461

AF 19(628)-[illegible]
AFCRL 64 0663

AF 19(628)-[illegible]
AFCRL 64 0581

AF 19(628)-[illegible]
AFCRL 64 0581

AF 19(628)-[illegible]
AFCRL 64 0660

AF 19(628)-[illegible]
AFCRL 64 0510

AF 19(628)-[illegible]
AFCRL 64 0597

AF 19(628)-[illegible]
AFCRL 64 0163

AF 19(628)-[illegible]
AFCRL 64 0596

AF 19(628)-[illegible]
AFCRL 64 0526

AF 19(628)-[illegible]
AFCRL 64 0641
AFCRL 64 0611

AF 19(628)-[illegible]
AFCRL 64 0529

AF 33(615)-[illegible]
ARL 64 0115

AF 33(615)-[illegible]
ARL 64 0150

AF 33(615)-[illegible]
ARL 64 0128

AF 33(615)-[illegible]
ARL 64 0135

AF 33(615)-[illegible]
ARL 64 0136
ARL 64 0137
ARL 64 0138
ARL 64 0139

AF 33(615)-[illegible]
ARL 64 0145

AF 33(615)-[illegible]
ARL 64 0144

AF 33(615)-[illegible]
ARL 64 0113
ARL 64 0119

AF 33(657)-[illegible]
ARL 64 0111

AF 33(657)-[illegible]
ARL 64 0149

AF 33(657)-[illegible]
ARL 64 0130

AF 33(657)-[illegible]
ARL 64 0142

AF 33(657)-[illegible]
ARL 64 0148
ARL 64 0152

AF 33(657)-[illegible]
ARL 64 0146

AF 33(657)-[illegible]
ARL 64 0129

AF 33(657)-[illegible]
ARL 64 0143

AF 33(657)-[illegible]
ARL 64 0151

AF 33(657)-[illegible]
ARL 64 0131

AF 33(657)-[illegible]
ARL 64 0125
ARL 64 0132

AF 33(657)-[illegible]
ARL 64 0122

AF 33(657)-[illegible]
ARL 64 0116

AF 33(657)-[illegible]
ARL 64 0112

AF 66(6[illegible])-[illegible]
AFOSR 66/1265

AF 49(638)-[illegible]
AFOSR 3626
AFOSR 66/1[illegible]

AF 49(638)-[illegible]
AFOSR 66/1397

AF 49<638>00049
AFOSR 1320

AF 49<638>00060
AFOSR 64/1404
AFOSR 64/1405
AFOSR 64/1406
AFOSR 64/1407
AFOSR 64/1408

AF 49<638>00135
AFOSR 3260
AFOSR 64/1586

AF 49<638>00229
AFOSR 64/1600
AFOSR 64/1601

AF 49<638>00279
AFOSR 64/1402
AFOSR 64/1403

AF 49<638>00282
AFOSR 64/1400
AFOSR 64/1401

AF 49<638>00286
AFOSR 3473

AF 49<638>00291
AFOSR 64/1587

AF 49<638>00303
AFOSR 4124

AF 49<638>00310
AFOSR 1148

AF 49<638>00331
AFOSR 2062

AF 49<638>00333
AFOSR 788
AFOSR 789
AFOSR 1322
AFOSR 1549
AFOSR 64/1398
AFOSR 64/1399

AF 49<638>00132
AFOSR 3150
AFOSR 64/1717
AFOSR 64/1718

AF 49<638>00402
AFOSR 64/1741
AFOSR 64/1742

AF 49<638>00431
AFOSR 64/1602

AF 49<638>00449
AFOSR 64/1164

AF 49<638>00468
AFOSR 64/1416

AF 49<638>00473
AFOSR 64/1413
AFOSR 64/1414
AFOSR 64/1415

AF 49<638>00481
AFOSR 64/1542
AFOSR 64/1543

AF 49<638>00496
AFOSR 64 1001

AF 49<638>00541
AFOSR 64/1546

AF 49<638>00574
AFOSR 1009
AFOSR 1122

AF 49<638>00589
AFOSR 64/1152
AFOSR 64/1241

AF 49<638>00608
AFOSR 3327

AF 49<638>00620
AFOSR 64/1242
AFOSR 64/1243

AF 49<638>00628
AFOSR 64/1743
AFOSR 64/1744
AFOSR 64/1745

AF 49<638>00642
AFOSR 64/1244

AF 49<638>00691
AFOSR 64/1692
AFOSR 64/1693

AF 49<638>00711
AFOSR 64/1412

AF 49<638>00741
AFOSR 64/1300

AF 49<638>00747
AFOSR 64/1746

AF 49<638>00772
AFOSR 64/1410

AF 49<638>00794
AFOSR 64/1157

AFOSR 64/1166

AF 49<638>00797
AFOSR 2158
AFOSR 64/1547
AFOSR 64/1548

AF 49<638>00798
AFOSR 1135

AF 49<638>00803
AFOSR 64/1246
AFOSR 64/1247

AF 49<638>00814
AFOSR 64 0861

AF 49<638>00824
AFOSR 64/1455

AF 49<638>00849
AFOSR 2615

AF 49<638>00865
AFOSR 4472

AF 49<638>00940
AFOSR 64/1466

AF 49<638>00959
AFOSR 64/1249

AF 49<638>00991
AFOSR 64/1471
AFOSR 64/1472
AFOSR 64/1473

AF 49<638>00992
AFOSR 64/1309

AF 49<638>01000
AFOSR 2984

AF 49<638>01004
AFOSR 64/1747

AF 49<638>01006
AFOSR 64/1647

AF 49<638>01015
AFOSR 64 0991

AF 49<638>01021
AFOSR 64/1695
AFOSR 64/1696

AF 49<638>01024
AFOSR 3223

AF 49<638>01060
AFOSR 64/1376

AF 49<638>01076
AFOSR 64/1549
AFOSR 64/1550

AF 49<638>01112
AFOSR 64/1697

AF 49<638>01125
AFOSR 64/1448

AF 49<638>01128
AFOSR 64/1392

AF 49<638>01139
AFOSR 64/1319

AF 49<638>01142
AFOSR 64/1161

AF 49<638>01150
AFOSR 64 1000

AF 49<638>01165
AFOSR 64/1250

AF 49<638>01201
AFOSR 64/1251
AFOSR 64/1252

AF 49<638>01206
AFOSR 64/1325

AF 49<638>01211
AFOSR 64/1727

AF 49<638>01218
AFOSR 64 0860

AF 49<638>01230
AFOSR 64/1199
AFOSR 64/1200
AFOSR 64/1201
AFOSR 64/1202
AFOSR 64/1203
AFOSR 64/1204
AFOSR 64/1205

AF 49<638>01232
AFOSR 64/1694

AF 49<638>01242
AFOSR 64/1326
AFOSR 64/1648

AF 49<638>01266
AFOSR 64 0803
AFOSR 64 0804

AF 49<638>01271
AFOSR 64 0899

AF 49<638>01273
AFOSR 64/1467

AF 49<638>01274
AFOSR 64 1056
AFOSR 64/1292
AFOSR 64/1306

AF 49<638>01276
AFOSR 64 1037

AF 49<638>01278
AFOSR 64/1278

AF 49<638>01280
AFOSR 64 1002

AF 49<638>01282
AFOSR 64 0938

AF 49<638>01285
AFOSR 64 0848

AF 49<638>01295
AFOSR 64 1113

AF 49<638>01314
AFOSR 64 1057

AF 49<638>01316
AFOSR 64/1627

AF 49<638>01322
AFOSR 64 1143
AFOSR 64/1311

AF 49<638>01339
AFOSR 64/1603

AF 49<638>01360
AFOSR 64 1039

AF 49<638>01383
AFOSR 64/1568

AF 49<638>01402
AFOSR 64/1375

AF 61<052>00007
AFCRL 64 0482

AF 61<052>00063
AFOSR 64/1551
AFOSR 64/1552
AFOSR 64/1553

AF 61<052>00066
AFOSR 64/1554

AF 61<052>00119
AFOSR 64/1170

AF 61<052>00129
AFCRL 64 0392

AF 61<052>00141
ARL 64 0141

AF 61<052>00162
AFOSR 64/1458
AFOSR 64/1555

AF 61<052>00171
AFCRL 64 0488

AF 61<052>000021
AFOSR 64/1699

AF 61<052>00185
AFOSR 64/1295
AFOSR 64/1296
AFOSR 64/1297
AFOSR 64/1298
AFOSR 64/1299

AF 61<052>00186
AFCRL 64 0615
AFCRL 64 0616
AFCRL 64 0617
AFCRL 64 0618
AFCRL 64 0619
AFCRL 64 0620

AF 61<052>00187
AFOSR 2698
AFOSR 2699
AFOSR 4585

AF 61<052>00216
AFCRL 64 0546

AF 61<052>00220
AFOSR 64/1280

AF 61<052>00229
AFOSR 64/1270

AF 61<052>00237
AFCRL 64 0470

AF 61<052>00253
AFOSR 64/1179

AF 61<052>00256
AFCRL 64 0531

AF 61<052>00259
AFCRL 63 0679
AFCRL 63 0730

AF 61<052>00288
AFCRL 64 0570
AFCRL 64 0571

AF 61<052>00331
AFOSR 64/1380

AF 61<052>00366
AFCRL 64 0248

AF 61<052>00369
AFCRL 64 0358

AF 61<052>00373
AFCRL 64 0600

AF 61<052>00378
AFCRL 64 0442

AF 61<052>00388
AFCRL 64 0629

AF 61<052>00420
AFOSR 64/1698

AF 61<052>00451
AFCRL 64 0532
AFCRL 64 0533
AFCRL 64 0534
AFCRL 64 0535

AF 61<052>00458
AFOSR 64/1605

AF 61<052>00481
AFOSR 64/1207
AFOSR 64/1208
AFOSR 64/1209

AF 61<052>00488
AFCRL 64 0567

AF 61<052>00490
AFCRL 64 0479
AFCRL 64 0536

AF 61<052>00503
AFCRL 64 0457
AFCRL 64 0509

AF 61<052>00509
AFCRL 64 0647

AF 61<052>00513
AFCRL 64 0530

AF 61<052>00518
AFCRL 64 0489

AF 61<052>00525
AFCRL 64 0505
AFCRL 64 0506

AF 61<052>00536
AFCRL 64 0355

AF 61<052>00576
ARL 64 0117

AF 61<052>00583
AFCRL 64 0646

AF 61<052>00610
AFCRL 64 0507

AF 61<052>00615
ARL 64 0140

AF 61<052>00618
AFCRL 64 0565

AF 61<052>00647
AFOSR 64/1384

AF 61<052>00664
AFCRL 64 0564

AF 61<052>00678
AFCRL 64 0353
AFCRL 64 0568

AF 61<052>00680
AFCRL 64 0601
AFCRL 64 0624
AFCRL 64 0625
AFCRL 64 0626
AFCRL 64 0627
AFCRL 64 0628

AF 61<052>00685
AFCRL 64 0367
AFCRL 64 0569

AF 61<052>00691
AFCRL 64 0486
AFCRL 64 0508

61<052>00701
ARL 64 0134

AF 61<052>00720
AFCRL 64 0604

AF 61<052>00727
AFCRL 64 0444

61<514>01247
AFOSRTN60 253

AF/AFOSR /0024/61
AFOSR 64/1469

AF/AFOSR /0027/61
AFOSR 64/1417

AF/AFOSR /0032/61
AFOSR 64/1606

BLANK PAGE

AFOSR 64/1607

AF/AFOSR /0060/61
AFOSR 64/1174

AF/AFOSR /0087/61
AFOSR 2766

AF/AFOSR /0100/61
AFOSR 64/1219

AF/AFOSR 0100/61
AFOSR 64/1220

AF/AFOSR /0100/61
AFOSR 64/1221

AF/AFOSR /0108/61
AFOSR 64/1227
AFOSR 64/1228

AF/AFOSR /0016/62
AFOSR 64/1484
AFOSR 64/1485

AF/AFOSR /0023/62
AFOSR 64 1148

AF/AFOSR /0031/62
AFOSR 64/1435

AF/AFOSR /0038/62
AFOSR 64/1176

AF/AFOSR /0045/62
AFOSR 4819
AFOSR 64/1588
AFOSR 64/1608

AF/AFOSR /0048/62
AFOSR 64/1489

AF/AFOSR /0065/62
AFOSR 64/1579
AFOSR 64/1580

AF/AFOSR /0072/62
AFOSR 64/1609

AF/AFOSR /0073/62
AFOSR 64/1271

AF/AFOSR /0093/62
AFOSR 64/1610

AF/AFOSR /0096/62
AFOSR 64/1212

AF/AFOSR /0101/62
AFOSR 64/1320

AF/AFOSR /0108/62
AFOSR 64/1611
AFOSR 64/1612
AFOSR 64/1613

AF/AFOSR /0118/62
AFOSR 64/1614

AF/AFOSR /0124/62
AFOSR 64/1615

AF/AFOSR /0129/62
AFOSR 64/1617

AF/AFOSR /0130/62
AFOSR 64/1230

AF/AFOSR /0131/62
AFOSR 64/1492
AFOSR 64/1493
AFOSR 64/1494

AF/AFOSR /0133/62
AFOSR 64/1708

AF/AFOSR /0138/62
AFOSR 64/1719

AF/AFOSR /0139/62
AFOSR 64/1589

AF/AFOSR /0140/62
AFOSR 64/1618

AF/AFOSR /0145/62
AFOSR 64/1238

AF/AFOSR /0152/62
AFOSR 64/1391

AF/AFOSR /0156/62
AFOSR 64/1390

AF/AFOSR /0166/62
AFOSR 64/1619

AF/AFOSR /0168/62
AFOSR 64/1321

AF/AFOSR /0173/62
AFOSR 64/1620

AF/AFOSR /0178/62
AFOSR 64/1237

AF/AFOSR /0190/62
AFOSR 64/1192

AF/AFOSR /0196/62
AFOSR 64/1379

AF/AFOSR /0198/62
AFOSR 64/1621

AFOSR 64/1622

AF/AFOSR /0201/62
AFOSR 64 1138

AF/AFOSR /0219/62
AFOSR 64/1922

AF/AFOSR /0222/62
AFOSR 64/1236

AF/AFOSR /0228/62
AFOSR 64/1490
AFOSR 64/1491

AF/AFOSR /0233/62
AFOSR 64/1591

AF/AFOSR /0234/62
AFOSR 64/1592
AFOSR 64/1593

AF/AFOSR /0241/62
AFOSR 64/1649

AF/AFOSR /0242/62
AFOSR 64/1720

AF/AFOSR /0252/62
AFOSR 64/1624
AFOSR 64/1625

AF/AFOSR /0256/62
AFOSR 64/1323

AF/AFOSR /0257/62
AFOSR 64/1389

AF/AFOSR /0261/62
AFOSR 64/1626

AF/AFOSR /0270/62
AFOSR 64/1475
AFOSR 64/1677

AF/AFOSR /0280/62
AFOSR 64/1314
AFOSR 64/1315

AF/AFOSR /0283/62
AFOSR 64/1269

AF/AFOSR /0295/62
AFOSR 4502

AF/AFOSR /0313/62
AFOSR 64 0886
AFOSR 64 0887
AFOSR 64 1038

AF/AFOSR /0314/62
AFOSR 64/1440

AF/AFOSR /0318/62
AFOSR 64/1235

AF/AFOSR /0321/62
AFOSR 64 1005

AF/AFOSR /0322/62
AFOSR 64/1495
AFOSR 64/1496
AFOSR 64/1497
AFOSR 64/1498
AFOSR 64/1499
AFOSR 64/1500
AFOSR 64/1501

AF/AFOSR /0328/62
AFOSR 64/1721

AF/AFOSR /0340/62
AFOSR 64/1581

AF/AFOSR /0344/62
AFOSR 64/1213
AFOSR 64/1233
AFOSR 64/1234

AF/AFOSR /0349/62
AFOSR 64/1722
AFOSR 64/1732

AF/AFOSR /0370/62
AFOSR 64/1369
AFOSR 64/1370

AF/AFOSR /0377/62
AFOSR 64/1388

AF/AFOSR /0379/62
AFOSR 64/1231

AF/AFOSR /0394/62
AFOSR 64/1728

AF/AFOSR /0407/62
AFOSR 64/1616

AF/AFOSR /0409/62
AFOSR 64/1394

AF/AFOSR /0414/62
AFOSR 3342
AFOSR 64/1632

AF/AFOSR /0452/62
AFOSR 64/1149
AFOSR 64/1153
AFOSR 64/1154

AF/AFOSR /0454/62
AFOSR 64/1731

AF/AFOSR /0455/62
AFOSR 64/1159

AF/AFOSR /0460/62
AFOSR 4693

AF/AFOSR /0196/63
AFOSRTN59 193

AF/AFOSR /0001/63
AFOSR 64/1395

AF/AFOSR /0007/63
AFOSR 64/1387

AF/AFOSR /0008/63
AFOSR 64/1381

AF/AFOSR /0016/63
AFOSR 64/1502

AF/AFOSR /0024/63
AFOSR 64/1386

AF/AFOSR /0027/63
AFOSR 64/1503

AF/AFOSR /0038/63
AFOSR 64/1504
AFOSR 64/1505

AF/AFOSR /0040/63
AFOSR 64/1665

AF/AFOSR /0044/63
AFOSR 64/1271

AF/AFOSR /0048/63
AFOSR 64/1670

AF/AFOSR /0057/63
AFOSR 64/1304

AF/AFOSR /0065/63
AFOSR 64/1506

AF/AFOSR /0070/63
AFOSR 5367

AF/AFOSR /0080/63
AFOSR 64/1419

AF/AFOSR /0082/63
AFOSR 64/1445

AF/AFOSR /0092/63
AFOSR 64/1666

AF/AFOSR /0093/63
AFOSR 64/1507

AF/AFOSR /0106/63
AFOSR 64/1508

AF/AFOSR /0107/63
AFOSR 64/1470
AFOSR 64/1478
AFOSR 64/1671

AF/AFOSR /0129/63
AFOSR 64/1672

AF/AFOSR /0131/63
AFOSR 64/1661

AF/AFOSR /0132/63
AFOSR 64/1509
AFOSR 64/1510

AF/AFOSR /0135/63
AFOSR 64/1162

AF/AFOSR /0139/63
AFOSR 64 1142
AFOSR 64/1350
AFOSR 64/1373
AFOSR 64/1374

AF/AFOSR /0156/63
AFOSR 64/1662

AF/AFOSR /0159/63
AFOSR 64 1144

AF/AFOSR /0165/63
AFOSR 64 1004

AF/AFOSR /0166/63
AFOSR 64/1511

AF/AFOSR /0177/63
AFOSR 64/1729
AFOSR 64/1730

AF/AFOSR /0182/63
AFOSR 64/1733

AF/AFOSR /0183/63
AFOSR 64/1512

AF/AFOSR /0187/63
AFOSR 64/1513
AFOSR 64/1514

AF/AFOSR /0188/63
AFOSR 64 1141

AF/AFOSR /0192/63
AFOSR 64/1439

AF/AFOSR /0196/63
AFOSR 64/1215
AFOSR 64/1216

AF/AFOSR /0202/63
AFOSR 64/1673

AF/AFOSR /0204/63
AFOSR 64/1276

AF/AFOSR /0206/63
AFOSR 64/1688

AF/AFOS /0207/63
AFOSR 64/1479
AFOSR 64/1480

AF/AFOSR /0208/63
AFOSR 64/1425

AF/AFOSR /0220/63
AFOSR 64/1515
AFOSR 64/1516

AF/AFOSR /0242/63
AFOSR 64/1517

AF/AFOSR /0256/63
AFOSR 64/1163
AFOSR 64/1302

AF/AFOSR /0261/63
AFOSR 64/1301

AF/AFOSR /0264/63
AFOSR 64/1518

AF/AFOSR /0271/63
AFOSR 64/1519

AF/AFOSR /0273/63
AFOSR 64/1476
AFOSR 64/1477
AFOSR 64/1481
AFOSR 64/1482
AFOSR 64/1483
AFOSR 64/1674

AF/AFOSR /0284/63
AFOSR 64/1312
AFOSR 64/1313

AF/AFOSR /0289/63
AFOSR 64/1274

AF/AFOSR /0292/63
AFOSR 64/1197
AFOSR 64/1316

AF/AFOSR /0311/63
AFOSR 64/1272

AF/AFOSR /0313/63
AFOSR 64/1434

AF/AFOSR /0318/63
AFOSR 64/1441

AF/AFOSR /0362/63
AFOSR 64/1520
AFOSR 64/1521
AFOSR 64/1522
AFOSR 64/1523
AFOSR 64/1524

AF/AFOSR /0365/63
AFOSR 64 0075

AF/AFOSR /0368/63
AFOSR 64/1156

AF/AFOSR /0369/63
AFOSR 64/1525
AFOSR 64/1526
AFOSR 64/1527
AFOSR 64/1594

AF/AFOSR /0380/63
AFOSR 64/1637

AF/AFOSR /0391/63
AFOSR 64/1682

AF/AFOSR /0400/63
AFOSR 64/1734

AF/AFOSR /0408/63
AFOSR 64/1171

AF/AFOSR /0412/63
AFOSR 64/1372

AF/AFOSR /0424/63
AFOSR 64/1258

AF/AFOSR /0431/63
AFOSR 64/1528

AF/AFOSR /0432/63
AFOSR 64/1736

AF/AFOSR /0440/63
AFOSR 64 1145
AFOSR 64 1146
AFOSR 64 1147

AF/AFOSR /0444/63
AFOSR 64/1257

AF/AFOSR /0453/63
AFOSR 64/1582

AF/AFOSR /0469/63
AFOSR 64/1639
AFOSR 64/1640
AFOSR 64/1641

AF/AFOSR /0024/64
AFOSR 64/1378

AF/AFOSR /0107/64
AFOSR 64/1474

AF/AFOSR /0129/64
AFOSR 64/1676

AF/AFOSR /0139/64
AFOSR 64/1583

AF/AFOSR /0156/64
AFOSR 64 1659

AF/AFOSR /0496/64
AFOSR 64/1351
AFOSR 64/1352
AFOSR 64/1584

AF/AFOSR /0515/64
AFOSR 64/1224

AF/AFOSR /0516/64
AFOSR 64/1529
AFOSR 64/1530
AFOSR 64/1531
AFOSR 64/1532

AF/AFOSR /0519/64
AFOSR 64/1533

AF/AFOSR /0535/64
AFOSR 64/1707

AF/AFOSR /0537/64
AFOSR 64/1642

AF/AFOSR /0543/64
AFOSR 64/1534

AF/AFOSR /0580/64
AFOSR 64/1535

AF/AFOSR /0602/64
AFOSR 64/1537
AFOSR 64/1538
AFOSR 64/1539
AFOSR 64/1540

AF/AFOSR /0623/64
AFOSR 64/1541

AF/AFOSR /0631/64
AFOSR 64/1217
AFOSR 64/1218

AF/AFOSR /0660/64
AFOSR 64/1735

AF EOAR 61-43
AFCRL 64 0513
AFCRL 64 0514

AF-EOAR-62-53
ARL 64 0114

AF EOAR 63-55
AFCRL 64 0262

AF EOAR 63-68
AFCRL 64 0545
AFCRL 64 0578

AF-EOAR-63-91
ARL 64 0120
ARL 64 0147

AF/EOAR /0030/61
AFOSR 64/1172

AF/EOAR /0044/61
AFOSR 64/1173

AF/EOAR /0050/61
AFOSR 64/1629

AF/EOAR /0009/62
AFOSR 64/1701
AFOSR 64/1702
AFOSR 64/1709
AFOSR 64/1710

AF/EOAR /0011/62
AFOSR 64/1179
AFOSR 64/1691

AF/EOAR /0020/62
AFOSR 64/1160

AF/EOAR /0040/62
AFOSR 64/1630
AFOSR 64/1631

AF/EOAR /0045/62
AFOSR 64/1189

AF/EOAR /0059/62
AFOSR 64/1177
AFOSR 64/1178
AFOSR 64/1181
AFOSR 64/1184
AFOSR 64/1185

AF/EOAR /0067/62
AFOSR 64/1307

AF/EOAR /0069/62
AFOSR 64/1382
AFOSR 64/1383

AF/EOAR /0077/62
AFOSR 64/1183

AF/EOAR /0080/62
AFOSR 64/1190

AF/EOAR /0087/62
AFOSR 64/1151
AFOSR 64/1155

AF/EOAR /0106/62
AFOSR 64/1196

AF/EOAR /0110/62
AFOSR 64/1447

AF/EOAR /0001/63
AFOSR 64/1275
AFOSR 64/1703
AFOSR 64/1711

AF/EOAR /0002/63
AFOSR 64/1442
AFOSR 64/1683
AFOSR 64/1684
AFOSR 64/1685
AFOSR 64/1686
AFOSR 64/1687
AFOSR 64/1689
AFOSR 64/1690
AFOSR 64/1704
AFOSR 64/1705
AFOSR 64/1712

AF/EOAR /0035/63
AFOSR 64/1188
AFOSR 64/1706

AF/EOAR /0007/63
AFOSR 64/1713

AF/EOAR /0010/61
AFOSR 64/1650

AF/EOAR /0014/63
AFOSR 64/1167
AFOSR 64/1169
AFOSR 64/1186
AFOSR 64/1187

AF/EOAR /0030/63
AFOSR 64/1168

AF/EOAR /0039/63
AFOSR 64 1140
AFOSR 64/1293

AF/EOAR /0040/63
AFOSR 64/1240

AF/EOAR /0043/63
AFOSR 64/1294

AF/EOAR /0049/63
AFOSR 64 1058

AF/EOAR /0052/63
AFOSR 64/1651

AF/EOAR /0053/63
AFOSR 64/1222
AFOSR 64/1223

AF/EOAR /0056/63
AFOSR 64/1279

AF/EOAR /0062/63
AFOSR 64/1486

AF/EOAR /0063/63
AFOSR 64/1635
AFOSR 64/1636

AF/EOAR /0077/63
AFOSR 64/1604

AF/EOAR /0078/63
AFOSR 64/1158

AF/EOAR /0079/63
AFOSR 64/1150

AF/EOAR /0087/63
AFOSR 64/1214

AF/EOAR /0089/63
AFOSR 64 1139

AF/EOAR /0093/63
AFOSR 64/1308

AF/EOAR /0010/64
AFOSR 64/1180
AFOSR 64/1714

AF/EOAR /0032/64
AFOSR 64/1256

AF/EOAR /0043/64
AFOSR 64/1191

AF EOAR GRANT 63-106
AFCRL 64 0487

DA /28/043/AMC/000736
AFOSR 64/1353
AFOSR 64/1354
AFOSR 64/1355
AFOSR 64/1557
AFOSR 64/1558
AFOSR 64/1559
AFOSR 64/1560
AFOSR 64/1561
AFOSR 64/1562
AFOSR 64/1563
AFOSR 64/1564
AFOSR 64/1565
AFOSR 64/1566
AFOSR 64/1567
AFOSR 64/1568
AFOSR 64/1569
AFOSR 64/1570
AFOSR 64/1571

DA /36/039/AMC/022086
AFOSR 5495
AFOSR 64/1356
AFOSR 64/1358
AFOSR 64/1359
AFOSR 64/1360
AFOSR 64/1361

DA /36/039/AMC/032006
AFOSR 64/1362
AFOSR 64/1363
AFOSR 64/1364
AFOSR 64/1367
AFOSR 64/1574
AFOSR 64/1575
AFOSR 64/1576

DA /36/039/SC/79330
AFOSR 64/1365
AFOSR 64/1366
AFOSR 64/1572

DA /36/039/SC/78108
AFOSR 64/1573

DA /36/039/SC/78330
AFOSR 64/1579
AFOSR 64/1580

DA /36/039/SC/90789
AFOSR 64/1371

NONR /225/24/
AFOSR 64/1329
AFOSR 64/1330
AFOSR 64/1331
AFOSR 64/1332
AFOSR 64/1333
AFOSR 64/1334
AFOSR 64/1335
AFOSR 64/1336
AFOSR 64/1337
AFOSR 64/1338
AFOSR 64/1339
AFOSR 64/1577
AFOSR 64/1578

NONR /225(24)
AFOSR 64/1732

NONR /1841/10/
AFOSR 64/1368

NONR /1866/16/
AFOSR 64/1344
AFOSR 64/1346
AFOSR 64/1347
AFOSR 64/1348
AFOSR 64/1349

NONR /1866/26/
AFOSR 64/1341

NONR /1866/32/
AFOSR 64/1342
AFOSR 64/1343

NONR /1866/16/
AFOSR 64/1345

PRO-62-201
AFCRL 64 0473

V PROJECT/TASK-NUMBER INDEX

4414		APOSR 4693
4600	02	AFCRL 64 0447
		AFCRL 64 0459
		AFCRL 64 0648
4600	03	AFCRL 64 0269
		AFCRL 64 0639
4600	04	AFCRL 64 0472
		AFCRL 64 0473
		AFCRL 64 0541
4600	06	AFCRL 64 0344
		AFCRL 64 0421
		AFCRL 64 0530
		AFCRL 64 0696
4600	07	AFCRL 64 0292
		AFCRL 64 0399
4600	08	AFCRL 64 0479
		AFCRL 64 0536
4600	09	AFCRL 64 0547
		AFCRL 64 0590
4603	02	AFCRL 64 0532
		AFCRL 64 0533
		AFCRL 64 0534
		AFCRL 64 0535
4603	04	AFCRL 64 0369
4603	09	AFCRL 64 0408
		AFCRL 64 0443
		AFCRL 64 0507
4608	01	AFCRL 64 0597
4608	04	AFCRL 64 0406
		AFCRL 64 0407
		AFCRL 64 0673
4608	05	AFCRL 64 0467
		AFCRL 64 0581
		AFCRL 64 0702
4610	02	AFCRL 64 0262
4610	03	AFCRL 64 0289
4610	07	AFCRL 64 0355
		AFCRL 64 0381
		AFCRL 64 0478
4641	01	AFCRL 64 0376
		AFCRL 64 0452
4641	04	AFCRL 64 0649
4641	05	AFCRL 64 0454
4642	02	AFCRL 64 0282
		AFCRL 64 0511
4643	02	AFCRL 64 0353
		AFCRL 64 0523
		AFCRL 64 0568
4645	01	AFCRL 64 0243
		AFCRL 64 0434
4645	02	AFCRL 64 0564
4649	01	AFCRL 64 0171
		AFCRL 64 0455
		AFCRL 64 0490
4662	05	AFCRL 63 0371
		AFCRL 64 0461
4691	03	AFCRL 64 0071
4751		APOSR 4502
		APOSR 5499
		APOSR 64 1142
		APOSR 64/1329
		APOSR 64/1330
		APOSR 64/1331
		APOSR 64/1332
		APOSR 64/1333
		APOSR 64/1334
		APOSR 64/1335
		APOSR 64/1336
		APOSR 64/1337
		APOSR 64/1338
		APOSR 64/1339
		APOSR 64/1341
		APOSR 64/1342
		APOSR 64/1343
		APOSR 64/1344
		APOSR 64/1345
		APOSR 64/1346
		APOSR 64/1347
		APOSR 64/1348
		APOSR 64/1349
		APOSR 64/1350
		APOSR 64/1351
		APOSR 64/1352
		APOSR 64/1353
		APOSR 64/1354
		APOSR 64/1355
		APOSR 64/1356
		APOSR 64/1358
		APOSR 64/1359
		APOSR 64/1360
		APOSR 64/1361
		APOSR 64/1362
		APOSR 64/1363
		APOSR 64/1364
		APOSR 64/1365
		APOSR 64/1366
		APOSR 64/1367
		APOSR 64/1368
		APOSR 64/1371
		APOSR 64/1373
		APOSR 64/1374
		APOSR 64/1375
		APOSR 64/1377
		APOSR 64/1378
		APOSR 64/1379
		APOSR 64/1380
		APOSR 64/1381
		APOSR 64/1382
		APOSR 64/1383
		APOSR 64/1384
		APOSR 64/1732
5101	19	ORA 64 0001
5620	01	AFCRL 64 0476
5620	02	AFCRL 64 0404
		AFCRL 64 0634
5620	06	AFCRL 64 0290
5621	01	AFCRL 64 0418
		AFCRL 64 0630
5621	04	AFCRL 64 0072
		AFCRL 64 0456
		AFCRL 64 0464
		AFCRL 64 0477
5628	01	AFCRL 64 0137
		AFCRL 64 0485
		AFCRL 64 0510
5628	02	AFCRL 64 0155
		AFCRL 64 0452
		AFCRL 64 0474
		AFCRL 64 0661
5628	06	AFCRL 64 0349
5629	02	AFCRL 64 0502
5631	01	AFCRL 64 0488
5631	03	AFCRL 64 0392
5631	08	AFCRL 64 0530
5632	02	AFCRL 64 0463
		AFCRL 64 0492
5632	03	AFCRL 64 0513
		AFCRL 64 0514
5632	05	AFCRL 64 0411
5634	03	AFCRL 64 0489
5634	05	AFCRL 64 0468
5635	01	AFCRL 64 0460
		AFCRL 64 0604
5635	02	AFCRL 64 0138
		AFCRL 64 0253
		AFCRL 64 0378
		AFCRL 64 0497
		AFCRL 64 0509
		AFCRL 64 0560
5635	03	AFCRL 64 0420
		AFCRL 64 0589
5930	03	AFCRL 64 0441
5930	04	AFCRL 64 0240
5930	07	AFCRL 64 0587
6020	02	AFCRL 64 0493
6020	06	AFCRL 64 0505
		AFCRL 64 0506
6327		AFCRL 64 0337
6670	03	AFCRL 64 0471
6672	03	AFCRL 64 0631
		AFCRL 64 0632
6682	01	AFCRL 64 0326
6682	05	AFCRL 64 0469
6682	06	AFCRL 64 0471
6687		AFCRL 64 0462
6687	01	AFCRL 64 0396
6687	02	AFCRL 64 0398
6687	06	AFCRL 64 0398
6688	06	AFCRL 64 0297
6690	01	AFCRL 64 0554
6690	03	AFCRL 64 0413
6694	01	AFCRL 64 0431
6694	04	AFCRL 64 0341
		AFCRL 64 0361
6694	05	AFCRL 64 0359
6694	06	AFCRL 64 0517
6694	09	AFCRL 64 0410
		AFCRL 64 0515
		AFCRL 64 0560
6698	02	AFCRL 64 0327
		AFCRL 64 0465
7021	01	ARL 64 0131
7021	02	ARL 64 0133
7021	05	ARL 64 0135
		ARL 64 0150
7022	02	ARL 64 0122
7023	01	ARL 64 0141
7023	02	ARL 64 0114
		ARL 64 0127
7023	03	ARL 64 0128
7023	06	ARL 64 0118
		ARL 64 0121
		ARL 64 0126
		ARL 64 0194
7063	01	ARL 64 0116
		ARL 64 0117
		ARL 64 0196
		ARL 64 0199
7063	02	ARL 64 0144
		ARL 64 0149
7063	03	ARL 64 0112
		ARL 64 0125
		ARL 64 0152
		ARL 64 0140
		ARL 64 0192
7064		ARL 64 0113
		ARL 64 0119
		ARL 64 0156
7069	01	ARL 64 0190
		ARL 64 0143
		ARL 64 0146
		ARL 64 0150
7071	01	ARL 64 0115
		ARL 64 0123
		ARL 64 0124
7071	02	ARL 64 0129
		ARL 64 0147
7073	01	ARL 64 0111
7073	03	ARL 64 0137
		ARL 64 0138
		ARL 64 0139
		ARL 64 0140
7112	02	APOSR 64/1356
		ARL 64 0134
		ARL 64 0197
7112	03	ARL 64 0193
7600	02	AFCRL 64 0466
		AFCRL 64 0473
		AFCRL 64 0474
		AFCRL 64 0475
		AFCRL 64 0476
7600	06	AFCRL 64 0172
		AFCRL 64 0475
		AFCRL 64 0562
7600	07	AFCRL 64 0363
7601	03	AFCRL 64 0322
7621	03	AFCRL 64 0366
		AFCRL 64 0545
7628	02	AFCRL 64 0122
7635	03	AFCRL 64 0106
		AFCRL 64 0414
		AFCRL 64 0519
		AFCRL 64 0669
7635	04	AFCRL 64 0523
		AFCRL 64 0545
		AFCRL 64 0578
7637	02	AFCRL 64 0526
7649	02	AFCRL 64 0497
		AFCRL 64 0498
		AFCRL 64 0499
7649	04	AFCRL 64 0258
		AFCRL 64 0615
		AFCRL 64 0616
		AFCRL 64 0617
		AFCRL 64 0618
		AFCRL 64 0619
		AFCRL 64 0620
7649	06	AFCRL 64 0409
7655	01	AFCRL 64 0584
7655	02	AFCRL 64 0147
7661	02	AFCRL 64 0438
		AFCRL 64 0439
7661	05	AFCRL 64 0339
		AFCRL 64 0436
7663	05	AFCRL 64 0482
7667	03	AFCRL 64 0540
7670	02	AFCRL 63 0863
		AFCRL 64 0484
		AFCRL 64 0583
7670	03	AFCRL 64 0400
		AFCRL 64 0468
		AFCRL 64 0481
7670	06	AFCRL 64 0169
7673	01	AFCRL 64 0450
7674		AFCRL 64 0338
7690	01	AFCRL 64 0521
7690	03	AFCRL 64 0553
7885	01	ARL 64 0120
		ARL 64 0151
7885	02	ARL 64 0142
7885	03	ARL 64 0148
7903	01	SRL 64 0004
7904	01	SRL 64 0003
8600	03	AFCRL 64 0487
		AFCRL 64 0558
8600	06	AFCRL 64 0435
8601	02	AFCRL 64 0470
8602	01	AFCRL 64 0462
8602	05	AFCRL 64 0625
8603	01	AFCRL 64 0324
		AFCRL 64 0648
8603	02	AFCRL 64 0367
		AFCRL 64 0547
		AFCRL 64 0549
8603	03	AFCRL 64 0358
		AFCRL 64 0486
		AFCRL 64 0508
		AFCRL 64 0629
		AFCRL 64 0651
8604	01	AFCRL 64 0167

		AFCRL 64 0401
		AFCRL 64 0402
8604	01	AFCRL 64 0248
		AFCRL 64 0546
8604	04	AFCRL 64 0415
8604	05	AFCRL 64 0500
		AFCRL 64 0501
		AFCRL 64 0612
8605	02	AFCRL 64 0451
		AFCRL 64 0611
8605	03	AFCRL 64 0401
		AFCRL 64 0624
		AFCRL 64 0625
		AFCRL 64 0626
		AFCRL 64 0627
		AFCRL 64 0628
8605	04	AFCRL 64 0557
		AFCRL 64 0629
8605	06	AFCRL 64 0596
8605	07	AFCRL 64 0591
8608	09	AFCRL 64 0520
		AFCRL 64 0572
8617	01	AFCRL 64 0452
8620	01	AFCRL 64 0353
8620	04	AFCRL 64 0551
8620	05	AFCRL 64 0621
8624	01	AFCRL 64 0483
		AFCRL 64 0660
8627	01	AFCRL 64 0549
8628		AFCRL 64 0600
8628	09	AFCRL 64 0526
		AFCRL 64 0551
8631	02	AFCRL 64 0030
8635	01	AFCRL 63 0679
		AFCRL 63 0750
8635	03	AFCRL 64 0257
		AFCRL 64 0657
8647	01	AFCRL 63 0902
		AFCRL 64 0646
8647	02	AFCRL 64 0444
8647	01	AFCRL 64 0614
8652	03	AFCRL 64 0157
		AFCRL 64 0619
8652	04	AFCRL 64 0177
		AFCRL 64 0607
8652	05	AFCRL 64 0503
		AFCRL 64 0608
8652	06	AFCRL 64 0647
8652	07	AFCRL 64 0520
8652	11	AFCRL 64 0549
		AFCRL 64 0633
8653		AFCRL 64 0204
8653	02	AFCRL 63 0772
		AFCRL 64 0529
		AFCRL 64 0570
		AFCRL 64 0571
8656	03	AFCRL 63 0769
		AFCRL 64 0655
8659	09	AFCRL 64 0520
8659	09	AFCRL 64 0416
8659	09	AFCRL 64 0559
8663		AFCRL 64 0640
9710	01	AFOSR 64/1469
		AFOSR 64/1517
		AFOSR 64/1529
		AFOSR 64/1530
		AFOSR 64/1991
		AFOSR 64/1992
9710	02	AFOSR 64/1506
		AFOSR 64/1513
		AFOSR 64/1514
		AFOSR 64/1515
		AFOSR 64/1540
		AFOSR 64/1550
		AFOSR 64/1609
9710	03	AFOSR 2190
		AFOSR 64/1467
		AFOSR 64/1543
		AFOSR 64/1515
		AFOSR 64/1510
		AFOSR 64/1547
		AFOSR 64/1548
9711	01	AFOSR 64/1640

		AFOSR 64/1471
		AFOSR 64/1472
		AFOSR 64/1473
		AFOSR 64/1665
		AFOSR 64/1666
		AFOSR 64/1672
		AFOSR 64/1676
9749	01	AFOSR 3150
		AFOSR 64 0861
		AFOSR 64 1005
		AFOSR 64 1139
		AFOSR 64 1140
		AFOSR 64/1197
		AFOSR 64/1257
		AFOSR 64/1258
		AFOSR 64/1274
		AFOSR 64/1293
		AFOSR 64/1294
		AFOSR 64/1314
		AFOSR 64/1315
		AFOSR 64/1316
		AFOSR 64/1319
		AFOSR 64/1320
		AFOSR 64/1321
		AFOSR 64/1322
		AFOSR 64/1323
		AFOSR 64/1325
		AFOSR 64/1326
		AFOSR 64/1445
		AFOSR 64/1568
		AFOSR 64/1604
		AFOSR 64/1647
		AFOSR 64/1648
		AFOSR 64/1717
		AFOSR 64/1718
		AFOSR 64/1719
		AFOSR 64/1720
		AFOSR 64/1721
		AFOSR 64/1722
		AFOSR 64/1729
		AFOSR 64/1730
		AFOSR 64/1731
		AFOSR 64/1732
		AFOSR 64/1733
		AFOSR 64/1734
		AFOSR 64/1735
		AFOSR 64/1736
9749	02	AFOSR 1009
		AFOSR 1122
		AFOSR 2698
		AFOSR 2699
		AFOSR 3260
		AFOSR 3327
		AFOSR 3342
		AFOSR 4585
		AFOSR 4819
		AFOSR 64/1585
		AFOSR 64/1586
		AFOSR 64/1587
		AFOSR 64/1588
		AFOSR 64/1589
		AFOSR 64/1591
		AFOSR 64/1592
		AFOSR 64/1593
		AFOSR 64/1600
		AFOSR 64/1601
		AFOSR 64/1602
		AFOSR 64/1603
		AFOSR 64/1608
		AFOSR 64/1609
		AFOSR 64/1610
		AFOSR 64/1611
		AFOSR 64/1612
		AFOSR 64/1613
		AFOSR 64/1614
		AFOSR 64/1615
		AFOSR 64/1617
		AFOSR 64/1618
		AFOSR 64/1619
		AFOSR 64/1620
		AFOSR 64/1621
		AFOSR 64/1622
		AFOSR 64/1624
		AFOSR 64/1625
		AFOSR 64/1626
		AFOSR 64/1629
		AFOSR 64/1630
		AFOSR 64/1631
		AFOSR 64/1632
		AFOSR 64/1635
		AFOSR 64/1636
		AFOSR 64/1637
		AFOSR 64/1639
		AFOSR 64/1640
		AFOSR 64/1641
		AFOSR 64/1642
9750	02	AFOSR 64/1647
		AFOSR 64/1675
		AFOSR 64/1676
		AFOSR 64/1677
		AFOSR 64/1681
		AFOSR 64/1682
		AFOSR 64/1683
		AFOSR 64/1674
		AFOSR 64/1677
9751	01	AFOSR 64/1149
		AFOSR 64/1150
		AFOSR 64/1151
		AFOSR 64/1152
		AFOSR 64/1193
		AFOSR 64/1194
		AFOSR 64/1195
		AFOSR 64/1196
		AFOSR 64/1241
		AFOSR 64/1679
		AFOSR 64/1680
		AFOSR 64/1727
		AFOSRTN60 463
9751	02	AFOSR 64 1144

		AFOSR 64 1145
		AFOSR 64 1146
		AFOSR 64 1147
9751	04	AFOSR 4124
9752		AFOSR 64/1507
9752	01	AFOSR 64 0848
		AFOSR 64 1000
		AFOSR 64/1470
		AFOSR 64/1474
		AFOSR 64/1478
		AFOSR 64/1670
		AFOSR 64/1671
		AFOSR 64/1673
9760		AFOSR 1148
		AFOSR 1520
		AFOSR 3624
		AFOSR 64/1400
		AFOSR 64/1401
		AFOSR 64/1402
		AFOSR 64/1403
		AFOSR 64/1416
		AFOSR 64/1458
		AFOSR 64/1544
		AFOSR 64/1551
		AFOSR 64/1552
		AFOSR 64/1553
		AFOSR 64/1555
9760	01	AFOSR 64/1466
		AFOSR 64/1520
		AFOSR 64/1521
		AFOSR 64/1522
		AFOSR 64/1523
		AFOSR 64/1524
		AFOSR 64/1525
		AFOSR 64/1526
		AFOSR 64/1527
		AFOSR 64/1546
		AFOSR 64/1594
9760	02	AFOSR 64/1410
		AFOSR 64/1465
		AFOSR 64/1490
		AFOSR 64/1491
		AFOSR 64/1495
		AFOSR 64/1496
		AFOSR 64/1497
		AFOSR 64/1498
		AFOSR 64/1499
		AFOSR 64/1500
		AFOSR 64/1501
		AFOSR 64/1512
		AFOSR 64/1518
		AFOSR 64/1537
		AFOSR 64/1538
		AFOSR 64/1539
		AFOSR 64/1540
		AFOSR 64/1688
		AFOSR 64/1737
9760	03	AFOSR 64/1417
		AFOSR 64/1492
		AFOSR 64/1493
		AFOSR 64/1494
		AFOSR 64/1519
9761		AFOSR 2062
		AFOSR 64/1413
		AFOSR 64/1414
		AFOSR 64/1419
9761	01	AFOSR 64/1215
		AFOSR 64/1216
		AFOSR 64/1219
		AFOSR 64/1220
		AFOSR 64/1221
		AFOSR 64/1235
		AFOSR 64/1238
		AFOSR 64/1244
		AFOSR 64/1245
		AFOSRTN59 193
9761	02	AFOSR 64/1229
		AFOSR 64/1249
		AFOSR 64/1291
		AFOSR 64/1292
9761	03	AFOSR 4472
		AFOSR 64/1212
		AFOSR 64/1231
		AFOSR 64/1246
		AFOSR 64/1247
		AFOSR 64/1741
		AFOSR 64/1742
		AFOSR 64/1746
9762	01	AFOSR 64/1419
		AFOSR 64/1489
		AFOSR 64/1504
		AFOSR 64/1505
		AFOSR 64/1533
		AFOSR 64/1534
9762	02	AFOSR 64/1412
		AFOSR 64/1502
		AFOSR 64/1509
		AFOSR 64/1510
		AFOSR 64/1541
9762	03	AFOSR 64/1500
		AFOSR 64/1511
		AFOSR 64/1528
		AFOSR 64/1542
		AFOSR 64/1543
9763		AFOSR 700
		AFOSR 709
		AFOSR 1922
		AFOSR 1949

		AFOSR 3473
		AFOSR 64/1242
		AFOSR 64/1243
		AFOSR 64/1398
		AFOSR 64/1399
		AFOSR 64/1404
		AFOSR 64/1405
		AFOSR 64/1406
		AFOSR 64/1407
		AFOSR 64/1408
9763	01	AFOSR 64/1224
		AFOSR 64/1227
		AFOSR 64/1229
		AFOSR 64/1743
		AFOSR 64/1744
		AFOSR 64/1745
9763	02	AFOSR 64/1199
		AFOSR 64/1200
		AFOSR 64/1201
		AFOSR 64/1202
		AFOSR 64/1203
		AFOSR 64/1204
		AFOSR 64/1205
		AFOSR 64/1207
		AFOSR 64/1208
		AFOSR 64/1209
		AFOSR 64/1213
		AFOSR 64/1214
		AFOSR 64/1217
		AFOSR 64/1218
		AFOSR 64/1222
		AFOSR 64/1223
		AFOSR 64/1230
		AFOSR 64/1233
		AFOSR 64/1234
		AFOSR 64/1236
		AFOSR 64/1237
		AFOSR 64/1240
		AFOSR 64/1250
9763	03	AFOSR 64/1747
9764	00	AFOSR 64/1198
		AFOSR 64/1226
		AFOSR 64/1253
		AFOSR 64/1254
		AFOSR 64/1738
		AFOSR 64/1739
		AFOSR 64/1740
9767	01	AFOSR 2766
		AFOSR 64/1579
		AFOSR 64/1580
9768	01	AFOSR 5367
		AFOSR 64 0803
		AFOSR 64 0804
		AFOSR 64/1369
		AFOSR 64/1370
		AFOSR 64/1372
		AFOSR 64/1376
9768	02	AFOSR 64 1141
		AFOSR 64 1143
		AFOSR 64/1311
9769		AFOSR 2615
9769	01	AFOSR 3223
		AFOSR 64/1312
		AFOSR 64/1313
9769	02	AFOSR 64/1378
		AFOSR 64/1386
		AFOSR 64/1389
		AFOSR 64/1391
9769	03	AFOSR 64/1379
		AFOSR 64/138[illegible]
		AFOSR 64/138[illegible]
9769	04	AFOSR 64/1387
9769	05	AFOSR 64/1384
		AFOSR 64/1390
		AFOSR 64/1392
9769	06	AFOSR 64/1380
		AFOSR 64/1381
		AFOSR 64/1388
9774	01	AFOSR 64/1397
9774	02	AFOSR 64 1148
9777		AFOSR 64/1692
		AFOSR 64/1693
9777	01	AFOSR 1135
		AFOSR 64/1167
		AFOSR 64/1168
		AFOSR 64/1169
		AFOSR 64/1170
		AFOSR 64/1171
		AFOSR 64/1172
		AFOSR 64/1173
		AFOSR 64/1174
		AFOSR 64/1175
		AFOSR 64/1176
		AFOSR 64/1177
		AFOSR 64/1178
		AFOSR 64/1179
		AFOSR 64/1180
		AFOSR 64/1181
		AFOSR 64/1183
		AFOSR 64/1184
		AFOSR 64/1185
		AFOSR 64/1186
		AFOSR 64/1187
		AFOSR 64/1188
		AFOSR 64/1189

		AFOSR 64/1190
		AFOSR 64/1191
		AFOSR 64/1192
		AFOSR 64/1196
		AFOSR 64/1269
		AFOSR 64/1270
		AFOSR 64/1271
		AFOSR 64/1272
		AFOSR 64/1275
		AFOSR 64/1276
		AFOSR 64/1307
		AFOSR 64/1434
		AFOSR 64/1435
		AFOSR 64/1441
		AFOSR 64/1442
		AFOSR 64/1649
		AFOSR 64/1650
		AFOSR 64/1651
		AFOSR 64/1682
		AFOSR 64/1683
		AFOSR 64/1684
		AFOSR 64/1685
		AFOSR 64/1686
		AFOSR 64/1687
		AFOSR 64/1689
		AFOSR 64/1690
		AFOSR 64/1691
		AFOSR 64/1694
		AFOSR 64/1695
		AFOSR 64/1696
		AFOSR 64/1697
		AFOSR 64/1698
		AFOSR 64/1699
		AFOSR 64/1701
		AFOSR 64/1702
		AFOSR 64/1703
		AFOSR 64/1704
		AFOSR 64/1705
		AFOSR 64/1706
		AFOSR 64/1707
		AFOSR 64/1708
		AFOSR 64/1709
		AFOSR 64/1710
		AFOSR 64/1711
		AFOSR 64/1712
		AFOSR 64/1713
		AFOSR 64/1714
		AFOSR 64/1728
		AFOSR TN60 253
9778	01	AFOSR 64 0938
		AFOSR 64/1160
		AFOSR 64/1161
		AFOSR 64/1162
		AFOSR 64/1163
		AFOSR 64/1164
		AFOSR 64/1295
		AFOSR 64/1296
		AFOSR 64/1297
		AFOSR 64/1298
		AFOSR 64/1299
		AFOSR 64/1300
		AFOSR 64/1302
		AFOSR 64/1308
		AFOSR 64/1439
		AFOSR 64/1486
9778	02	AFOSR 64/1157
		AFOSR 64/1158
		AFOSR 64/1166
		AFOSR 64/1301
		AFOSR 64/1484
		AFOSR 64/1485
9779	01	AFOSR 2984
		AFOSR 64/1304
		AFOSR 64/1309
9779	02	AFOSR 64/1159
		AFOSR 64/1440
9781		AFOSR 64/1280
9781	01	AFOSR 64 0860
		AFOSR 64 0899
		AFOSR 64 1002
		AFOSR 64 1056
		AFOSR 64/1292
		AFOSR 64/1306
		AFOSR 64/1395
9781	02	AFOSR 64 1059
		AFOSR 64/1278
		AFOSR 64/1279
		AFOSR 64/1618
		AFOSR 64/1662
9782	01	AFOSR 64 0886
		AFOSR 64 0887
		AFOSR 64 0991
		AFOSR 64 1037
		AFOSR 64 1038
		AFOSR 64 1039
		AFOSR 64 1057
		AFOSR 64 1058
		AFOSR 64/1627
9782	02	AFOSR 64 1004
9783	01	AFOSR 64 0875
		AFOSR 64/1394
		AFOSR 64/1661
9783	02	AFOSR 64 1001
		AFOSR 64 1113
		AFOSR 64 1138

BLANK PAGE

VI KWIC (Keyword-in-Context) INDEX

ELECTROMAGNETIC & NCN ABELIAN VECTOR GAUGE FIELDS AND THE AFOSR 64-1152
KEY WITH STRIATE CORTEX ABLATION & IN A YOUNG MOO AFOSR 64-1160
DRIUM IODIDE LAMBDA & ABSOLUTE OSCILLATOR STRENGTHS FOR CA ARL 64 0157
DEPENDANCE OF THE TOTAL ABSORPTANCE OF CO NEAR 4.7 MICRON AFCRL 64 0448
ILLATIONS IN ULTRASONIC ABSORPTION & FROM GIANT QUANTUM OSC AFOSR 64-1254
N CRITICAL & COMMENT ON ABSORPTION AND DISPERSION OF SOUND I AFOSR 64-1667
DOPED GAAS AND &OPTICAL ABSORPTION AND PHOTOLUMINESCENCE OF AFOSR 64-1339
STUDY OF THE ABSORPTION IN DISTILLED WATER, ARTIF AFCRL 64 0481
INDUCED SHIFTS OF ABSORPTION LINES IN THE INFRARED AFCRL 64 0629
LAR EXTREME ULTRAVIOLET ABSORPTION MEASUREMENTS & APRIL 1964 AFCRL 64 0297
UNE 1964 INFRARED ABSORPTION OF MAGNESIUM STANNIDE & J AFCRL 64 0477
IN H2O2, INFRARED ABSORPTION OF MATRIX ISOLATED NH3 & AFCRL 64 0668
RYDBERG ABSORPTION SERIES OF N2 & MAY 1964 AFCRL 64 0349
THE INFRARED TELLURIC ABSORPTION SPECTRUM INTRODUCTORY AFCRL 64 0404
ATIONS AND COSMIC NOISE ABSORPTION, 21 MAY 1964 & VARI AFCRL 64 0570
MINAL DEVICE.&AVAILABLE AC POWER FROM AN ACTIVE REAL TWOSTER AFCRL 64 0513
& JUNE 1964 ON THE ACCURACY OF SPHERICAL HARMONICS AND AFCRL 64 0566
RIES OF SPHERICAL&ON THE ACCURACY OF THE COEFFICIENTS I I A SE AFCRL 64 0573
COPPER-II- COMPLEXES IN ACETONE & CONSTANTS OF AQUO - AFOSR 64-1515
E IONS IN NITROMETHANE, ACETONE AND ACETONITRILE & TRIIODID AFOSR 64-1516
PHOTOLYSIS OF ACETONE IN DIFFERENT WAVELENGTH AFOSR 64-1410
TRIPROPYLMETHANE, ACETONE AND ACETONITRILE & TRIIODIDE IONS IN NI AFOSR 64-1516
IODIDE WITH NORMALIGEN ACID THE REACTION OF VINYLMERCURIC AFOSR 64-1412
IAL CONSTANTS OF NITRIC ACID & 31 JULY 1964 & AND POTENT AFCRL 64 0651
DIOXIDE, AND IODIC ACID -- IODINE MIXTURES IN SULFURIC AFOSR 64-1529
NE MIXTURES IN SULFURIC ACID AND DILUTE OLEUM & ACID -- IODI AFOSR 64-1529
NE DISULFIDE - SULFINIC ACID REACTIONS&VI. THE MECHANISM OF T AFOSR 64-1500
AND PRODUCTS OF ACID REARRANGEMENT OF THE HYDRAZOBEN AFOSR 64-1554
REACTIONS OF SULFINIC ACIDS. VI. THE MECHANISM OF THE AFOSR 64-1508
RTEX LESIONS AND VISUAL ACUITY OF THE RHESUS MONKEY & CO AFOSR 64-1297
14 AND 300 DEGREES K, ADAPTABLE FOR EXPERIMENTS AT HIGH AFOSR 64-1240
IN BATS ADAPTIVE ASPECTS OF ACTIVITY RHYTHMS AFOSR 64-1693
L COMBINATIOCCODING FOR ADAPTIVE CAPABILITY IN RANDOM CHANNE AFOSR 64-1331
ADAPTIVE CONTROL AFOSR 64-1315
ASTIC PROCESSES OPTIMAL ADAPTIVE ESTIMATION OF SAMPLED STOCH AFOSR 64-1333
NOSPHERIC DISTURBANCEAN ADAPTIVE FILTER FOR THE DESIGN OF IO AFCRL 64 0071
CONTACTOR CONTROL BY ADAPTIVE PATTERN RECOGNITION TECHNIQ AFOSR 64-1329
DIAGNOSIS UTILIZING ADAPTIVE PATTERN RECOGNITION TECHNIQ AFOSR 64-1578
STRUCTURES OF THE ADDUCTS SBCL5.POCL3.SBCL5. -CH3- AFOSR 64-1551
5 PRIME TRIPHOSPHATE ADENOSINE 5 PRIME DIPHOSPHATE EXCHAN AFOSR 64-1177
THE RELATION OF THE ADENOSINE 5 PRIME TRIPHOSPHATE ADENO AFOSR 64-1177
NVALUES OF MCN - SELF - ADJOINT BOUNDARY VALUE PROBLEMS&EIGE AFOSR 64-1733
ON THE ADJOINT OF A CLOSED TRANSFORMATION AFOSR 64-1592
ENNAS IN A DISSIPATETHE ADMITTANCE OF BARE CIRCULAR LOOP ANT AFOSR 64-1342
C AMINE GRANULES OF THE ADRENAL MEDULLA & MECHANISM IN TH AFOSR 64-1167
E OF ARYLALKYLAMINES BY ADRENAL MEDULLARY GRANULES&THE UPTAK AFOSR 64-1186
HE &THE LOCALIZATION OF ADRENALINE IN ADRENERGIC NERVES IN T AFOSR 64-1173
ZATION OF ADRENALINE IN ADRENERGIC NERVES IN THE FROG&LOCALI AFOSR 64-1173
OMATIC HYDROC&GAS-SOLID ADSORPTION CHROMATOGRAPHY OF SOME AR AFOSR 64-1415
HIGH VACUUM&A STUDY OF ADSORPTION OF GASES ON SOLIDS IN THE AFCRL 64 0468
AND COBALT-II-&SURFACE ADSORPTION OF 57CO -57FE ON IRON-II- AFOSR 64-1503
FINAL REPORT&HIGH SPEED AERODYNAMICS WITH AERAL GAS EFFECTS, AFOSR 64 1138
VARIATION OF RAYLEIGH, AEROSOL, AND OZONE ATTENUATING COMPO AFCRL 64 0400
THE AETIOLOGY OF FOOD REWARD IN MONKEYS AFOSR 64-1299
EM RETICULAR & VISCERAL AFFERENT ACTIVITY EFFECT ON BRAIN ST AFOSR 64-1651
OF THE VISCERAL AFFERENTS TO THE ACTIVITY OF THE AFOSR 64-1270
S FROM CNEL CENT&PROTON AFFINITIES OF SOME FIRST ROW HYDRIDE ARL 64 0128
HELIUM AFTERFLOW.I.ATOMIC SPECTRUM AFOSR 64-1482
TRA EXCITED IN A HELIUM AFTERGLOW AFOSR 64-1476
TRA EXCITED IN AN ARGON AFTERGLOW AFOSR 64-1481
EMISSION OF THE HELIUM AFTERGLOW SPECTRAL AFOSR 64-1483
AR SPECTRUM IN A HELIUM AFTERGLOW THE MOLECUL AFOSR 64-1674
TASTABLE SPECIES IN THE AFTERGLOW OF A HELIUM DISCHARGE & ME AFOSR 64-1677
HELIUM AFTERGLOW. II. MOLECULAR SPECTRUM AFOSR 64-1477
SUBSTANCES OR AGGREGATES AND THE EXCITABILITY OF AFOSR 64-1703
INTERACTIONS AND STRAIN AGING IN AGCI DISLOCATION IMPURITY AFOSR 4472
RESONANCE RADIATION OF AIO FROM TRIMETHYL ALUMINUM RELEASED AFCRL 64 0414
NT MODELS MAY & ON FREE AIR ANOMALIES ESTIMATED FROM DIFFERE AFCRL 64 0574
MRED INSTRUCTION, & THE AIR FORCE&OAR CONTRIBUTION TO PROGRA DAR 64 0010
OPAGATION IN HYDROGEN - AIR MIXTURES AT SUPERSONIC SPEEDS&PR AFOSR 64-1472
IQUIDS.III. SUPERHEATED ALCOHOLS & OF HYDROGEN BONDED L AFOSR 64-1519
PROTEINS OF CRYPTOCHROMO ALGAE BILI AFOSR 64-1176
RATORS ALGEBRAIC PROPERTIES OF TOEPLITZ OPE AFOSR 64-1593
NON COMMUTATIVE STAR - ALGEBRAS MONOMORPHISMS OF AFOSR 64-1618
A GENERALIZATION OF ALGOL AFOSR 64-1590
THE COMMUNICATION OF ALGORITHMS AFOSR 64-1384
CONDUCTING GAS WITH AN ALIGNED MAGNETIC FIELD, JUL 1964 ARL 64 0113
ND STATE OF EU2 PLUS IN ALKALINE EARTH OXIDES & OF THE GROU AFOSR 64-1204
HESIS AND PROPERTIES OF ALKAROMATIC CHLOROCARBONS, SEP 1964 ARL 64 0141
NATION OF SOME NAPHTHYL ALKENES CATALYTIC HYDROGE AFOSR 64-1413
E COMMENTS ON THE RICE- ALLNATT THEORY&DENSE FLUIDS. XV. SOM AFOSR 64-1594
F TERNARY BETA TITANIUM ALLOYS = GERMAN 8 & O AFOSR 64-1233
HE NOBLE METALS AND ITS ALLOYS = GERMAN 8 & OF T AFOSR 64-1217
OF IRON CHROMIUM ALLOYS CONTAINING 5 AND 25 PER CENT AFOSR 64-1229
BANDS IN SILVER&INDIUM ALLOYS, MAY 1964& INDIUM SESQUIOXIDE ARL 64 0158
ELASTIC SCATTERING OF ALPHA PARTICLES BY C12 IN THE BOMBAR AFOSR 64 1146
ATTERING OF 6-TO 19-MEV ALPHA PARTICLES FROM CARBON & SC AFOSR 64 1147
OXIDATION KINETICS OF ALPHA ZIRCONIUM AT 850 DEGREES C AFOSR 64-1227
D DEVELOPMENT OF BEHAVE ALTERATIONS OF BRAIN BIOCHEMISTRY AN AFOSR 64-1276
OF VARIABLES AND ALTERNATIVE REPRESENTATIONS FOR AFOSR 64-1600
PRODUCED BY HIGH ALTITUDE NUCLEAR DETONATIONS & 26 AFCRL 64 0204
D 2.200 MC FROM A HIGHE ALTITUDE ROCKET PROBE, JUL 1964 & AN AFCRL 64 0596
SOL, AND OZONE ATTENUAT ALTITUDE VARIATION OF RAYLEIGH, AERO AFCRL 64 0400
ITROGEN HETEROCYCL S ON ALUMINAS AROMATIC HYDROCARBONS AND N AFOSR 64-1415
SLOCATION RELAXATION IN ALUMINUM DI AFOSR 64-1223
ATURE ELASTIC MODULI OF ALUMINUM LOW TEMPER AFOSR 64-1231
OF AIO FROM TRIMETHYL ALUMINUM RELEASED INTO THE UPPER AFCRL 64 0414
SIGNORINI PROBLEM WITH AMBIGUOUS BOUNDARY CONDITIONS, 30 ARL 64 0120
ITY CORRELATES OF AMBIVALENCE, RISK - TAKING AND RIGID AFOSR 64-1466
OBSERVATIONS OVER NORTH AMERICA & VOLUME 2 JULY 1964 AFCRL 64 0030
MECHANISM IN THE AMINE GRANULES OF THE ADRENAL MEDULL AFOSR 64-1167
ACTIVE AMINES ON THE UPTAKE OF ARYLALKYLAMI AFOSR 64-1186
GAS ION REACTIONS WITH AMMONIA RARE AFOSR 64-1542
ALS INBASIC STUDIES ON AMPLIFICATION AND GENERATION OF SIGN AFCRL 64 0514
AL LOBE IN &THE GENERAL AMPLIFICATION FUNCTION OF THE VERTIC AFOSR 64-1683
L WAVES, & PARAMETRIC AMPLIFICATION OF SURFACE AND INTERNA AFOSR 64-1662
TEMBER 1964 PARAMETRIC AMPLIFIER ANTENNA STRUCTURES & 1 SEP AFCRL 64 0648
F THE DIPOLE PARAMETRIC AMPLIFIER ANTENNA, 1 MAY 1964 & O AFCRL 64 0447
OF PHASE AND AMPLITUDE RADIO WAVE INTERACTION AT AFCRL 64 0451
DEVELOPMENT OF THE AN- AN&621 MULTICHANNEL RADIOSONDE, JUN AFCRL 64 0326
ERGY-EXCHANGE BETWEEN & ANALOG COMPUTER RESEARCH INTO THE EN AFOSR 64 1001
EXCITATION OF ISOBARIC ANALOG STATES IN 19F AND 9O2R AFOSR 64 1145
FILM READER SYSTEM AND ANALOG STATISTICAL ANALYZER 1 FEBRUA AFCRL 64 0147
OF UPPER PARTLE MINERAL ANALOGUES TESTS TO 55 KB AT 270C & AFCRL 64 0549
TETRACHLORIDE AND MASS ANALYZED IONS OF NITROGEN BETWEEN 3 AFOSR 64-1543
AND ANALOG STATISTICAL ANALYZER 1 FEBRUARY 1964 & SYSTER AFCRL 64 0147
ION, FINAL REPORT, SEPE ANATOMICAL BASIS OF PATTERN RECOGNIT AFOSR 64-1728
ARNING AND MEMORY, & ANATOMICAL LOCALIZATION OF TARGET LE AFOSR 64-1642
COLLISIONS WITH LARGE ANGLE DEFLECTIONS IN THE KINETIC AFOSR 64-1527
AL PEAKS, I MAYCONBOARD ANGLE OF ATTACK MEASUREMENT BY OPTIC AFCRL 64 0337
ISTCKES FLUORESCENCE OF ANILENE, JUL 1964 ANOMALOUS ANT ARL 64 0154
EQUIPMENT FOR DETECTING ANIMAL ULTRASOUND AFOSR 64-1168
UNCTION IN UNRESTRAINED ANIMALS, FINAL REPORT, OCT 1963 & P AFOSR 64-1435
FOR MAGNETOCRYSTALLINE ANISOTROPIC CUBIC CRYSTALS, APR 1964 AFCRL 64 0072
THEORY FOR MASSE ANISOTROPIC ELECTRONS, 1 APR 1964 AFCRL 64 0535
CAL OBSERVATIONS OF THE ANNA FLASHING SATELLITE & JUNE 1964 AFCRL 64 0446
CAL OBSERVATIONS OF THE ANNA IGB SATELLITE & JULY 1964& OPTI AFCRL 64 0562
N THE CREEP ANALYSIS OF ANNULAR PLATES A FURTHER NOTE O AFOSR 64 1039
MLORATE ON A SEMI -&THE ANODIC OXIDATION OF CHLORIDE TO PERC AFOSR 64-1506
SURFACE CONDUCTANCE IN ANODIZED INSB PHOTOCONTROLLED AFOSR 64-1744
UDELS MAY & ON FREE AIR ANOMALIES ESTIMATED FROM DIFFERENT R AFCRL 64 0576
POINT AND MEAN GRAVITY ANOMALIES THROUGH THE USE OF A DIGIT AFCRL 64 0579
ANILENE, JUL 1964 ANOMALOUS ANTISTOKES FLUORESCENCE OF ARL 64 0154
HARACTERISTIC FOR TUNNE ANOMALOUS CURRENT PEAKS IN THE I-V C AFOSR 64-1571
AND BROADBANDING ANTENNA ARRAYS BY UNEQUAL SPACINGS, AFCRL 64 0253
WIND TUNNEL STUDIES OF ANTENNA BREAKDOWN, PART I, MAR 1964 AFCRL 64 0282
OF A SLOTTED&SPHERE ANTENNA IMMERSED IN A COMPRESSIBLE AFCRL 64 0472
DIUM,&THE CIRCULAR LOOP ANTENNA IMMERSED IN A DISSIPATIVE ME AFCRL 64 0339
64 PLASMA PRODUCED ANTENNA PATTERN DISTORTION & JUNE 19 AFCRL 64 0511
4 PARAMETRIC AMPLIFIER ANTENNA STRUCTURES & 1 SEPTEMBER 196 AFCRL 64 0648
ADVANCED ANTENNA TECHNIQUES, MAY 1964 AFCRL 64 0421
YLINDRICAL TRANSMITTING ANTENNA&THE IMPERFECTLY CONDUCTING C AFOSR 64-1343
LE PARAMETRIC AMPLIFIER ANTENNA, 1 MAY 1964 & OF THE DIPO AFCRL 64 0447
HESIS OF DUAL REFLECTOR ANTENNAS SYNT AFOSR 64-1983
THIN WIRE CIRCULAR LOOP ANTENNAS AND ELECTRONICALLY SCANNED AFCRL 64 0555
OF DIRECTIVE VLF WAVE ANTENNAS FOR RECEPTION OF TRANSPOLAR AFCRL 63 0371
ON THE PROPERTIES OF ANTENNAS IN A CONDUCTING MEDIA, 15 AFCRL 64 0436
OF BARE CIRCULAR LOOP ANTENNAS IN A DISSIPATIVE MEDIUM AFOSR 64-1342
WITH SHORTWAVE ANTENNAS IN ARBITRARY LAND&SEA AREAS AFCRL 64 0447
LR EFFECT IN FERRO- AND ANTIFERROMAGNETS & OF THE OVERHAUS AFOSTRN59 193
GNETOACOUSTIC EFFECT IN ANTIMONY PARALLEL FIELD MA AFOSR 64-1222
JUL 1964 ANOMALOUS ANTISTOKES FLUORESCENCE OF ANILENE, ARL 64 0154
UTER SOLUTION OF A & APICTORIAL JIGSAW PUZZLES - THE COMP AFOSR 64-1386
OF HEAT&THE ROLE OF THE APPELL TRANSFORMATION IN THE THEORY AFOSR 64-1622
UNCTIONS OF BEST & PADE APPROXIMANTS AS LIMITS OF RATIONAL F AFOSR 64-1621
IONAL FUNCTIONS OF BEST APPROXIMATION & AS LIMITS OF RAT AFOSR 64-1621
ROADENING IN THE SUDDEN APPROXIMATION THEORY OF COLLISION B AFOSR 64-1365
N FIBER BUNDLES WITH & APPROXIMATION OF ANALYTIC SECTIONS I AFOSR 64-1630
GONOMETRIC POLYNOMIALS THE APPROXIMATION OF LP FUNCTIONS BY TRI AFOSR 3327
THEORY OF APPROXIMATION, FINAL REPORT, JUN 196 AFOSR 64-1298
WITH DESCRETE VORTEX APPROXIMATION, WITH REFERENCE TO AFOSR 64-1292
EQUATIONS LINEARIZED APPROXIMATIONS TO THE BOUNDARY LAYER AFOSR 64-1673
NITROGRAPHAN SPECTRA OF AQUEOUS SOLUTIONS OF INDIUM SULFATE, AFOSR 64-1603
FORMATION CONSTANTS OF AQUO - COPPER-II- COMPLEXES IN ACETO AFOSR 64-1515
XXV. REACTIVITY OF ARALKANES, ARALKENES, AND BENZYLIC AFOSR 64-1505
OF ARALKANES, ARALKENES, AND BENZYLIC ETHERS TOWAR AFOSR 64-1505
ERGY TRANSFER IN A TUBE ARC HEATER, JUL 1964 & OF EN ARL 64 0112
TION LOSS FROM AN ARGON ARCJET, AUG 1964 & OF RADIA ARL 64 0132
ELECTRIC ARCS IN TURBULENT FLOWS, SEP 1964 ARL 64 0148
IOR OF DYNAMIC ELECTRIC ARCS, OCT 1964 THE BEHAV ARL 64 0150
SPECTRA EXCITED IN AN ARGON AFTERGLOW AFOSR 64-1481
ETA EMISSION SPECTRA OF ARGON AND KCL. I KB AFOSR 64-1741
ION KBETA SPECTRA OF ARGON AND KCL. II. SATELLITE EXCITAT AFOSR 64-1742
RADIATION LOSS FROM AN ARGON ARCJET, AUG 1964 & OF ARL 64 0132
ATED OXYGEN AND IONIZED ARGON AROUND A CORNER & OF DISSOCI AFOSR 64 0075
IONIZED GASES FOR ARGON OR GAS MIXTURE ARGON&HYDROGEN, AFCRL 64 0444
MIXTURE ARGON&HYDROGEN, ARGON&CO, SPRING 1964& ARGON OR GAS AFCRL 64 0444
ARGON OR GAS MIXTURE ARGON&HYDROGEN, ARGON&CO, SPRING AFCRL 64 0444
MACCAP, MAMMOTH DECIMAL ARITHMETIC PROGRAM FOR THE PDP&1 AFCRL 64 0510
CHROMATOGRAPHY OF SOME AROMATIC HYDROCARBONS AND NITROGEN AFOSR 64-1419
FACTORS IN FREE RADICAL AROMATIC SUBSTITUTION & OF RATE AFOSR 64-1933
ND BROADBANDING ANTENNA ARRAYS BY UNEQUAL SPACINGS, MAR 1964 AFCRL 64 0253
Y, & DOLPH&TCHEBYSCHEFF ARRAYS OF MANY ELEMENTS AND ARBITRAR AFCRL 64 0344
ICALLY SCANNED CIRCULAR ARRAYS, 30 JUN 1964 & AND ELECTRON AFCRL 64 0555
THE REFRACTED ARRIVAL FROM A LAYER & 15 JUNE 1964 AFCRL 64 0608
CONCENTRATIONS AND ARTIFICIAL PRODUCTION & JULY 1964 AFCRL 64 0521
IN DISTILLED WATER, ARTIFICIAL SEA WATER, AND HEAVY AFCRL 64 0481
QUENCY RADIATION FROM & ARTIFICIALLY STIMULATED VERY LOW FRE AFOSR 64-1369
AMINES ON THE UPTAKE OF ARYLALKYLAMINES BY ADRENAL MEDULLARY AFOSR 64-1186
CEREBRAL VESICLE OF THE ASCIDIAN TADPOLE. 2. THE OCELLUS AFOSR 64-1704
THEORY AND&A SURVEY AND ASSESSMENT OF PROGRESS IN SWITCHING AFCRL 64 0452
US -OX I-.7. & CARBON ASSIMILATION BY PSEUDOMONAS OXALATIC AFOSR 64-1189
INFRARED SPECTRA OF ASTRONOMICAL BODIES, JUN 1963 AFCRL 64 0367
FERENT PAIRS OF EYES IN ASTRONOMICAL ORIENTATION&ROLE OF DIF AFOSR 64-1701
THEORETICAL STUDIES IN ASTROPHYSICS & 30 JUNE 1964 AFCRL 64 0572
A MEASURE OF ASYMMETRY FOR PLANE CONVEX SETS AFOSR 4589
A DIFFERENTIAL & ON THE ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF AFOSR 4819
ORDINARY DIFFERENCE & ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF AFOSR 64-1588
G THE METHOD OF MATCHED ASYMPTOTIC EXPANSIONS & CONE USIN AFOSR 64 1056
IFFERENTIAL EQUATION THE ASYMPTOTIC INTEGRATION OF ORDINARY D AFOSR 64-1608
LAXATION OSCILLATIONS - ASYMPTOTIC SOLUTIONS ON CERTAIN RE AFOSR 64-1570
RELEASED INTO THE UPPER ATMOSPHERE & MAY 1964 & ALUMINUM AFCRL 64 0414
DYNAMICS OF THE UPPER ATMOSPHERE & 31 JULY 1964 AFCRL 64 0612
FLUXES IN THE LOWER ATMOSPHERE AND A FILM READER SYSTEM AFCRL 64 0147
MISSION SPECTRUM OF THE ATMOSPHERE AND EARTH, 15 MAR 1964& E AFCRL 64 0567
VARIATION OF THE ATMOSPHERE AROUND 190 KILOMETERS AFCRL 64 0297
MG I LINES IN THE SOLAR ATMOSPHERE AUGUST 1964&FORMATION OF AFCRL 64 0499
A COMPLETELY IONIZED ATMOSPHERE WITH APPLICATIONS TO THE AFCRL 64 0617
OPTICAL STUDIES OF THE ATMOSPHERE, APR 1964 AFCRL 64 0366
RIAL LAYER MODEL OF THE ATMOSPHERE, 1 FEB 1964 & OF A MATE AFCRL 64 0505
RIAL&LAYER MODEL OF THE ATMOSPHERE, 9 MAR 1964 & FOR A MATE AFCRL 64 0506
TIES IN LATE TYPE MODEL ATMOSPHERES& FLUXES AND LINE INTENSI AFOSR 64-1397
RISE BETWEEN ROCKET AND ATMOSPHERIC BRAKING& POSSIBLE COMPRO AFOSR 64 1139
SPHERE MEASUREMENTS OF ATMOSPHERIC DENSITY, TEMPERATURE, AFCRL 64 0554
DISTRIBUTIONS OF ATMOSPHERIC DENSITY, UP TO 90 KM & AFCRL 64 0483
CELESTIAL SPECTRA AND ATMOSPHERIC EFFECTS MAINLY IN THE AFCRL 64 0569

SCALE HEIGHTS DEFINING ATMOSPHERIC MODELS, APR 1964&CENSITY AFCRL 64 0450
INVESTIGATION OF THE ATMOSPHERIC RESPONSE TO UPPERLEVEL AFCRL 64 0551
ELEMENT TYPES OF MUSICAL ATMOSPHERICS & DISCHARGES AND DIF AFCRL 64 0488
PAIRS IN THE BERYLLIUM ATOM ELECTRON AFOSR 64-1521
NG FACTOR OF A HYDROGEN ATOM IN A HYDROGEN MOLECULE&SCATTERI AFOSR 64-1500
SPECTROMETER FOR N AND D ATOM SENSITIVITY, JUN 1964 & MASS S AFCRL 64 0462
& CAPTURE OF ELECTRONS& ATOMIC COLLISION PROCESSES. RADIATIV AFOSR 64-1512
FOR THE CORRESPONDING ATOMIC SCATTERING FACTORS FOR X-RAYS AFOSR 64-1499
HELIUM AFTERFLOW,I. ATOMIC SPECTRUM AFOSR 64-1682
AUGER RATE IN MESIC ATOMS AFOSRTN60 463
& CONSTANTS FOR NEUTRAL ATOMS DIAMAGNETIC NUCLEAR SHIELDIN AFOSR 64-1495
THOMAS - FERMI - DIRAC ATOMS AND FOR THE CORRESPONDING AFOSR 64-1499
POTENTIAL OF NEUTRAL ATOMS AND FOR THE CORRESPONDING AFOSR 64-1538
, REACTIONS OF CHLORINE ATOMS AND PEROXY RADICALS & II AFOSR 64-1504
EFFECT IN REACTIONS OF ATOMS AND RADICALS. II. REACTIONS AFOSR 64-1504
STEN WITH 20-KEV HELIUM ATOMS IN A FIELD ION MICROSCOPE&TUNG AFOSR 64-1212
ITICALLY PUMPED RUBIDIUM ATOMS IN MOLECULAR BUFFER GASES & DP AFOSR 64-1491
UP ELECTRONS BY HALOGEN ATOMS& PROCESSES. RADIATIVE CAPTURE AFOSR 64-1512
THE CONTROL OF ATTACK BY OCTOPUS AFOSR 64-1685
TRES FOR THE CONTROL OF ATTACK BY OCTOPUS PAIRED CEN AFOSR 64-1689
LGARTS THE VISUAL ATTACK LEARNING SYSTEM IN OCTOPUS VU AFOSR 64-1690
I PAYLOADAMC ANGLE OF ATTACK MEASUREMENT BY OPTICAL MEANS, AFCRL 64 0337
BALLISTIC MI SILE ATTACK,VOL.I, SUMMARY,VOL IIB, APPEN DR- 64 0001
AEROSOL, AND OZONE ATTENUATING COMPONENTS IN THE ULTRAV AFCRL 64 0400
DENCE OF THE ULTRASONIC ATTENUATION IN GERMANIUM & DEPEN AFOSR 64-1237
AS A FUNCTION OF ATTITUDE SIMILARITY- DISSIMILARITY AFOSR 64-1301
SIMILARITY- DISSIMILAR ATTRACTION AS A FUNCTION OF ATTITUDE AFOSR 64-1301
DIFFERENTIAL EQUATION ATYPICAL PROBLEM FOR LINEAR ORDINARY AFOSR 64-1613
OF WHISTLERS AND AUDIO&FREQUENCY EMISSIONS, 19 AUG AFCRL 63 0772
OF SINGLE UNITS IN THE AUDITORY CORTEX RESPONSES AFOSR 64-1576
RESPONSES RECORDED FROM AUDITORY CORTEX & AFFECTING EVOKED AFOSR 64-1161
TS OF DISPLACED EARS ON AUDITORY LOCALIZATION THE EFFEC AFOSR 64 0938
FOR FIRING PATTERNS OF AUDITORY NERVE FIBERS A MODEL AFOSR 64-1367
FROM FLUENT SPEECH AUDITORY VS. STRUCTURAL CONTEXT & AFCRL 64 0432
AUGER RATE IN MESIC ATOMS AFOSRTN60 463
FRAMEWORK FOR THE - AUGMENTATION OF MANS INTELLECT AFOSR 3223
OF THE VISIBLE AURORA, ITS RELATION TO MAGNETIC AFCRL 64 0570
RUCTURE AND DYNAMICS OF AURORA, 1 MAR 1963&31 MAY 1964 & ST AFCRL 64 0601
A DNIGE COUPLET IN THE AURORA, 1964 & OF THE 5200-02 AFCRL 64 0624
OMMCTOPETRIC STUDIES OF AURORA, 5 JUN 1964 SPECTR AFCRL 64 0571
E DOPPLER PROFILE HA IN AURORAE, 1964 VARIATIONS IN TH AFCRL 64 0626
XPERIMENTS PERTINENT TO AURORAL THEORIES, 1964 & AND E AFCRL 64 0625
IES NETWORK LA STUDY OF AURORAL ZONE IONOSPHERIC IRREGULARIT AFCRL 64 0626
U PAR 1964 AURORAL ZONE IONOSPHERIC RESEARCH, 2 AFCRL 64 0353
OBSERVED NEAR THE AURORAL ZONE&PART 1a OCCURRENCE OF AFCRL 64 0627
OBSERVED NEAR THE AURORAL ZONE&PART 1b THE PHYSICAL AFCRL 64 0628
ATHEMATICS, 30 MAR & AUTOMATED LOGIC FOR SEMIAUTOMATED M AFCRL 64 0411
LOGIC FOR SEMIG AUTOMATED MATHEMATICS, 30 MAR 1964 AFCRL 64 0411
DATA IN & A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC AFCRL 64 0470
THE RESPONSE OF AN AUTOMATIC PHASE CONTROL SYSTEM TO AFOSR 4502
ABILITY THRESHOLD DATA& AUTOMATIC PLOTTING OF SPINEWAVE INST AFCRL 64 0639
ISCONTINUOUS GROUPS AND AUTOMORPHIC FUNCTIONS D AFOSR 64-1587
AL TWOTERMINAL DEVICES& AVAILABLE AC POWER FROM AN ACTIVE RE AFCRL 64 0513
C THEOREM WITH WEIGHTED AVERAGES AN ERGODI AFOSR 64-1625
AND OPTIC RADIATIONS IN AWAKE AND SLEEPING CATS & BODY AFOSR 64-1196
OF IGNITION AND AXI-SYMMETRIC TURBULENT FLAME PROPAG AFOSR 64-1472
CAL SHELLS &NUCLEING OF AXIALLY COMPRESSED CIRCULAR CYLINDRI AFOSR 64 1037
PLINT REGION OF AN AXISYMMETRIC BLUNT BODY INCLUDING AFOSR 64-1720
F THE ANNA & LONG LINE AZIMUTHS FROM OPTICAL OBSERVATIONS O AFCRL 64 0446
EPLICATION IN TEMPERATE BACTERIOPHAGE& CONTROL OF GENETIC R AFOSR 64-1180
IONIZATION, AND ENERGY BALANCE IN THE CATHODE, SEP 1964 ARL 64 0152
LLAYER & A METHOD OF BALANCING INITIAL DATA FOR A PATERIA AFCRL 64 0506
OF CITIES AGAINST BALLISTIC MI SILE ATTACK,VOL.I, ORA 64 0001
1964 JUCIRODBIN BALLOON DART SOUNDING VEHICLE & MAY AFCRL 64 0471
WITH SUBSIDIARY ENERGY BAND MINIMA & STATES ASSOCIATED AFOSR 64-1244
CONDUCTION BAND MINIMUM OF CDTE AFOSR 64-1352
BERYLLIUM BAND STRUCTURE AND FERMI SURFACE OF AFOSR 64-1221
NOISE FIGURE OF AN X& BAND WAVEGUIDE MIXER WITH TUNNEL AFCRL 64 0547
NICATION USING&DESIGN OF BANDLIMITED SIGNALS FOR BINARY COMMU AFCRL 64 0289
UE FUNDAMENTAL INFRARED BANDS & SHAPE OF THE HYDROGEN SULFI AFOSR 2158
WITH NARROW PASSE BANDS & PART 1. RANGE 3000 TO 4500 AFCRL 63 0679
INDIUM SESQUIOXIDE BANDS IN SILVER&INDIUM ALLOYS, MAY ARL 64 0158
VALENCE AND CONDUCTION BANDS IN SNTE & OF OVERLAPPING AFOSR 64-1250
SIPATE&THE ADMITTANCE OF BARE CIRCULAR LOOP ANTENNAS IN A DIS AFOSR 64-1342
MEMBRANE PROPERTIES OF BARNACLE MUSCLE FIBER AFOSR 64-1707
FLUIDS AND ON ROTATING BAROTROPIC FLUIDS, JUL 1962&ROTATING AFCRL 64 0546
NG INSIDE THE POTENTIAL BARRIER & JUNE 1964 & OCCURRI AFCRL 64 0519
ROUGH SURFACE POTENTIAL BARRIERS & OF ELECTRONS TH AFOSR 64-1219
A NINTH BARYON AFOSR 64-1241
OF ACTIVITY RHYTHMS IN BATS ADAPTIVE ASPECTS AFOSR 64-1693
LPORT, SEP 64 MOLECULAR BEAM - SURFACE INTERACTIONS, FINAL R AFOSR 64-1661
STRESSES IN A NONLINEAR BEAM SUBJECT TO RANDOM EXCITATION AFOSR 64 1038
RESPONSE OF A NONLINEAR BEAM TO RANDOM EXCITATION AFOSR 64 0886
EDICAL THERAPY FACILITY BEAM, MAY 1964& OF THE MIT REACTOR M AFCRL 64 0404
OF RUBY LASERS USING BEAT FREQUENCY DETECTION AND FAST AFCRL 64 0434
L RELEASING FACTOR FROM BEEF HYPOTHALAMUS&LUTEINIZING HORMON AFOSR 64-1708
AN INEQUALITY OF P. R. BEESACK ON AFOSR 64-1632
ATION PROCESSING IN THE BEETLE LIXUS VISUAL INFORM AFOSR 64-1697
YER AND TWO PERSON GAME BEHAVIOR & STRATEGY OF THE OTHER PLA AFOSR 64-1157
PEROXIDES. III. THE BEHAVIOR OF CYCLOHEXANEFORMYL PEROXI AFOSR 64-1534
CT 1964 THE BEHAVIOR OF DYNAMIC ELECTRIC ARCS, D ARL 64 0150
GROUP SUPPORT AND THE BEHAVIOR OF LEADERS AND NON LEADERS AFOSR 64-1166
G 1964 THE ELECTRICAL BEHAVIOR OF REFRACTORY OXIDES II. AU ARL 64 0122
IAL & CN THE ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF A DIFFERENT AFOSR 4819
FFERENCE & ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF ORDINARY DI AFOSR 64-1588
ON OBSERVATION SYSTEM - BEHAVIOR SCORES SYSTEM -BSS SYSTEM- AFOSR 64-1485
AND DEVELOPMENT OF BEHAVIOR, FINAL REPORT, JUL 1964 AFOSR 64-1276
SOME PERSONALITY AND BEHAVIORAL FACTORS RELATED TO BIRTH AFOSR 2984
ON THE REPRODUCTIVE BEHAVIOUR OF THE PIGEON / COLUMBA AFOSRTN60 253
RTIC NERVE ON SHAM RACE BEHAVIOURE COMPONENTS OF THE CATS AO AFOSR 64-1179
S. PART & MECHANISM OF BENZIDINE AND SEMIDINE REARRANGEMENT AFOSR 64-1554
PROPERTIES OF BENZIMIDAZOLES AND HETEROCYCLIC AFCRL 64 0359
PREPARATION OF 2, 1, 3- BENZOTHIADIAZOLES USING DIMETHYLFORM AFOSR 1320
ARALKENES, AND BENZYLIC ETHERS TOWARD PEROXY RADICA AFOSR 64-1505
RE AND FERMI SURFACE OF BERYLLIUM BAND STRUCTU AFOSR 64-1221
ELECTRON PAIRS IN THE BERYLLIUM ATOM AFOSR 64-1521
NON - SELF - &ZEROES OF BESSEL FUNCTIONS AND EIGENVALUES OF AFOSR 64-1733
TABLES OF BESSEL FUNCTIONS OF IMAGINARY ORDER AFOSR 64 1058
OF TERNARY BETA TITANIUM ALLOYS W GERMAN & AFOSR 64-1233
C CONCENTRATIONS AND & BET, P32, P33, AND S35 STRATOSPHERI AFCRL 64 0521
ORESCENCE BY OXYGEN AND BIACETYL IN SOLUTION, 1963 & FLU ARL 64 0121
UNDARY MIGRATION IN LIF BICRYSTALS, APR 1964 GRAIN&BO ARL 64 0133
BILIPROTEINS OF CRYPTONONAD ALGAE AFOSR 64-1176
BANDLIMITED SIGNALS FOR BINARY COMMUNICATION USING SIMPLE AFCRL 64 0289
ALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT OF AFOSR 64-1276
RI IN CELLS AND TISSUES BIOPHYSICAL ASPECTS OF WATER TRANSPO AFOSR 64-1188
LS CN THE SECRETION AND BIOSYNTHESIS OF VASOPRESSIN & STUDI AFOSR 64-1171
STIC FLUIL UNDER STEADY BIREFRINGENCE IN A STRAINED VISCOELA AFOSR 1148
UNAL FACTORS RELATED TO BIRTH ORDER & PERSONALITY AND BEHAVI AFOSR 2984
FIREBALL AND GAMMA RAY BLACKOUT, 31 MAR 1964 VOL II & THE AFCRL 64 0196
AFTER ADMINISTRATION OF BLOCKING DRUGS & GANGLION RESPONSES AFOSR 64-1682
OF AN AXISYMMETRIC BLUNT BODY INCLUDING THE SECOND AFOSR 64-1720
SCATTERING BY REGULAR BODIES III. THE PROLATE SPHEROID, AFCRL 64 0138
SPECTRA OF ASTRONOMICAL BODIES, JUN 1963 INFRARED AFCRL 64 0367
LATERAL GENICULATE BODY AND OPTIC RADIATIONS IN AWAKE AFOSR 64-1196
AN AXISYMMETRIC BLUNT BODY INCLUDING THE SECOND ORDER AFOSR 64-1720
PLANE RESTRICTED THREE BODY PROBLEM IN THE SENSE OF LIAPOUN AFOSR 0861
ND A THEOREM OF MARCY - BOHR - GERMAN - & SECTIONALIZATION A AFOSR 64-1719
I. A REVISED SCALE OF BOLOMETRIC CORRECTIONS, MAR 1964 AFCRL 64 0169
PARTICLES BY C12 IN THE BOMBARDING ENERGY RANGE 10 TO 19 MEV AFOSR 64 1146
HELIUM ATOMS IN A FIELD BOMBARDMENT OF TUNGSTEN WITH 20-KEV AFOSR 64-1212
PARAMETERS AND BOND STRUCTURE PART 2, CARBON&HYDROG AFCRL 64 0486
PARAMETERS AND BOND STRUCTURES PART 3, CARBON&OXYGE AFCRL 64 0508
TWO ELECTRON CHEMICAL BOND. III. NATURAL ORBITALS FOR H2 AFOSR 64-1520
TWO ELECTRON CHEMICAL BOND. VI. NATURAL ORBITAL ANALYSIS AFOSR 64-1522
CONSTANT OF HYDROGEN BONDED LIQUIDS,III. SUPERHEATED AFOSR 64-1519
HE CARBONYL AND NITRILE BONDS & THE VIBRATION FREQUENCY OF T AFOSR 64-1544
PART 2, CARBON&HYDROGEN BONDS IN CH-X AND CH, XY MOLECULES, AFCRL 64 0486
S PART 3, CARBON&OXYGEN BONDS, 8 MAY 1964&AND BOND STRUCTURE AFCRL 64 0508
MAHATION OF HIGH&PURITY BORON VIA THE LODIDE JUNE 1964 & PRE AFCRL 64 0476
PROBLEM WITH AMBIGUOUS BOUNDARY CONDITIONS, 30 APR 1964 ARL 64 0120
GRAIN BOUNDARY CONDUCTANCE IN NSB AFOSR 64-1743
O APPROXIMATIONS TO THE BOUNDARY LAYER EQUATIONS LINEARIZE AFOSR 64-1473
OF LAMINAR BOUNDARY LAYER HEAT TRANSFER CHARACT ARL 64 0136
LAMINAR COMPRESSIBLE BOUNDARY LAYER IN THE STAGNATION AFOSR 64-1720
IFFERENTIAL EQUATION IN BOUNDARY LAYER THEORY & OF A D AFOSR 4819
N THE LAMINAR BOUNDARY LAYER WITH UNIFORM INJECTIO AFOSR 64-1395
ONS, FINAL REPO&LAMINAR BOUNDARY LAYERS WITH CHEMICAL REACTI AFOSR 64-1394
IN UNSTABLE LAMINAR BOUNDARY LAYERS, FINAL REPORT, PER AFOSR 64-1280
, APR 1964 GRAINS BOUNDARY MIGRATION IN LIF BICRYSTALS ARL 64 0133
REMARKS ON A MIXED BOUNDARY VALUE PROBLEM FOR LINEAR AFOSR 64-1731
TO THE INITIAL - BOUNDARY VALUE PROBLEM FOR THE WAVE AFOSR 64-1642
ONS AND NON-SELFADJOINT BOUNDARY VALUE PROBLEMS & EXPANSI AFOSR 64-1601
BDA METHOD FOR & LINEAR BOUNDARY VALUE PROBLEMS III. THE LAM AFOSR 64-1294
OF NON - SELF - ADJOINT BOUNDARY VALUE PROBLEMS&EIGENVALUES AFOSR 64-1733
UNS FOR NON-SELFADJOINT BOUNDARY VALUE PROBLEMS&REPRESENTATI AFOSR 64-1600
A STUDY OF THE PLASMA BOUNDARY, SEP 1964 ARL 64 0138
FUNCTIONS ONTO A SET OF BOUNDED CONTINUOUS FUNCTIONS AFOSR 64-1606
MOWAVE INTERACTION WITH BOUNDED GYROELECTRIC PLASMAS MIC AFOSR 64 0803
RATIO OF VARIANCES WITH BOUNDED RELATIVE ERRORESTIMATE THE AFOSR 64-1661
OF NONLINEAR PARTIAL & BOUNDS FOR THE SOLUTIONS OF A CLASS AFOSR 3362
MODELS AND THE INSECT BRAIN AFOSR 64-1698
URPETANEPHRINE IN MOUSE BRAIN & OF 3- METHOXYTYRAMINE AND N AFOSR 64-1169
IC STRUCTURE OF OCTOPUS BRAIN ELECTRON MICROSCOPY OF SYNAPT AFOSR 64-1705
F BEHAVIORALTERATIONS OF BRAIN BIOCHEMISTRY AND DEVELOPMENT O AFOSR 64-1276
LINGUISTICS, BRAIN RESEARCH AND SPEECH PATHOLOGY AFOSR 64-1392
ACTIVE PROCESSES IN THE BRAIN STEM DURING SLEEPING AFOSR 64-1709
TO THE ACTIVITY OF THE BRAIN STEM RETICULAR FORMATION, AFOSR 64-1270
ACTIVITY EFFECT ON BRAIN STEM RETICULAR FORMATION, AFOSR 64-1651
NCTIONSCROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FU AFOSR 64-1272
BRAINS, MACHINES, AND MATHEMATICS AFOSR 64-1573
ROCKET AND ATMOSPHERIC BRAKINGE POSSIBLE COMPROMISE BETWEEN AFOSR 64 1139
IPIT DISTRIBUTIONS OF A BRANCHING STOCHASTIC PROCESS L AFOSR 64-1721
PROFILES DURING BREAKDOWN OF A NOCTURNAL INVERSION AFCRL 64 0584
NNEL STUDIES OF ANTENNA BREAKDOWN, PART I, MAR 1964 WIND TU AFCRL 64 0252
INCUBATION PHASE OF THE BREEDING CYCLE & / DURING THE PRE AFOSRTN60 253
I. SOME EXPERIMENTS ON BRIGHTNESS DISCRIMINATION AFOSR 64-1383
TARGETS WITHIN A BROAD SURVEILLANCE REGION 31 DECEMBE AFCRL 64 0696
AL SPACING&THINNING AND BROADBANDING ANTENNA ARRAYS BY UNEQU AFCRL 64 0253
ON THEORY OF COLLISION BROADENING IN THE SUDDEN APPROXIMATI AFOSR 64-1365
CE LINES IN CADMIUMSELF BROADENING OF OPTICAL DOUBLE RESONAN AFOSR 64-1366
RAMAN STUDY OF GALLIUM BROMIDE SOLUTIONS A AFOSR 64-1462
IODINE AND GERMANIUM - BROMINE SYSTEMS BY WEIGHT - LOSS AFOSR 64-1252
MVENTIONAL PHYSICAL & A BROWNER TYPE SPACE TO REPLACE THE CO AFOSR 64-1380
EHAVIOR SCORES SYSTEM - BSS SYSTEM- & OBSERVATION SYSTEM - B AFOSR 64-1485
ON OF & USE OF HYDROGEN BUBBLES FOR QUANTITATIVE DETERMINATI AFOSR 64-1278
LAR CYLINDRICAL SHELLS& BUCKLING OF AXIALLY COMPRESSED CIRCU AFOSR 64 1037
DIUM ATOMS IN MOLECULAR BUFFER GASES & OPTICALLY PUMPED RUBI AFOSR 64-1491
SECTIONS IN FIBER BUNDLES WITH HOMOGENEOUS FIBER - AFOSR 64-1630
AFIONGA FLOW SYSTEM AND BURNER FOR OBSERVING SELECTIVE EXCIT AFOSR 64-1677
MEASUREMENT OF THE BURNING RATE OF A SOLID PROPELLANT AFOSR 64-1480
MEASUREMENT OF THE BURNING RATES OF SOLID ROCKET PROPEL AFOSR 64-1479
VOL II & THE NUCLEAR BURST AS A PENETRATION AID, VOL III AFCRL 64 0196
BUTYL CHLORIDE AND T - BUTYL - D9 CHLORIDE IN SOLVENT MIXTU AFOSR 64-1528
SOME N - BUTYL AND PHENYL PHOSPHONIUM SALTS AFOSR 64-1489
FOR SOLVOLYSIS OF T - BUTYL CHLORIDE AND T - BUTYL - D9 AFOSR 64-1528
STRUCTURE OF THE BUTYL HALIDES, V. THE STRUCTURE AFOSR 64-1537
RESOLUTION OF 9-SEC. - BUTYLPHENANTHRENE BY MOLECULAR COMPL AFOSR 64-1414
THE -5S5P- IP1 STATE OF CADMIUM LIFETIME AND HFS OF AFOSR 64-1371
UBLE RESONANCE LINES IN CADMIUM & BROADENING OF OPTICAL DO AFOSR 64-1366
STRENGTHS FOR CADMIUM IODIDE LAMBDA 3261 AND SILVE ARL 64 0157
RESEARCH ON CADMIUM TELLURIDE, SEP 1964 ARL 64 0145
OXIDE DECOMPOSITION AND CAGE EFFECT PER AFOSR 2062
COMPUTER PROGRAM FOR CALCULATING NONEQUILIBRIUM EXPANSION AFOSR 64 0075
STRAINT PROBLEMS IN THE CALCULUS OF VARIATIONS & CON AFOSR 64-1347
OMETER FOR N AND O & CALIBRATION OF A FLYABLE MASS SPECTR AFCRL 64 0462
FEASIBILITY OF SELFC CALIBRATION OF TRACKING SYSTEMS, 29 AFCRL 64 0441
ER FOR USE IN THE RANGE CALIBRATION SATELLITE & 1 JULY 1964 AFCRL 64 0240
TIVITY ANALYSIS FOR THE CALORIMETRIC PROBE, AUG 1963 SENSI ARL 64 0125
YLIGHT GEODETIC STELLAR CAMERAS STUDY, 6 MAR 1964 & AND DA AFCRL 64 0172
E, AUG 1964 MULTIPLE CAMPARISON TESTS IN MULTIVARIATE CAS ARL 64 0124
ED PAIRS OF EU2 PLUS IN CAO AND SRO EPR OF EXCHANGE COUPL AFOSR 64-1202
DENSITY PROFILES FROM CAPACITIVE IONOSPHERIC ROCKET PROBES AFCRL 64 0529
PROCESSES. RADIATIVE CAPTURE OF ELECTRONS BY HALOGEN AFOSR 64-1512
EV ALPHA PARTICLES FROM CARBON & SCATTERING OF 6-TO 19-M AFOSR 64 1147
KALATICUS -OR 1-.7. & CARBON ASSIMILATION BY PSEUDOMONAS O AFOSR 64-1189
IN PARTIAL PRESSURE OF CARBON DIOXIDE AND PARTIAL PRESSURE AFOSR 64-1172
M INFRARED SPECTRUM OF CARBON DIOXIDE, ENRICHED IN OXYGEN 1 AFOSR 64-1548
PHASE REACTIONS BETWEEN CARBON TETRACHLORIDE AND MASS ANALYZ AFOSR 64-1543
BOND STRUCTURE PART 2, CARBON&HYDROGEN BONDS IN CH,X AND AFCRL 64 0486
PROPERTIES OF CARBON&NITROGEN MIXTURES AT HIGH ARL 64 0149
BOND STRUCTURES PART 3, CARBON&OXYGEN BONDS, 8 MAY 1964&AND AFCRL 64 0508
RATION FREQUENCY OF THE CARBONYL AND NITRILE BONDS & THE VIB AFOSR 64-1544
DERIVATIVES OF THE IRON CARBONYL HALIDES & OF ISONITRILE AFOSR 64-1517
FUR DERIVATIES OF METAL CARBONYLS NEW TYPES OF ORGANOSUL AFOSR 64-1535
REFERENCE TO INCIPIENT CARIOUS LESIONS & DENTAL ENAMEL WITH AFOSR 64-1691
CHARGE CARRIER INERTIA IN SEMICONDUCTORS AFOSR 64-1746
SOW FIELD IN SUPERSONIC CASCADE, SEP 1964 & AND VISCOUS F ARL 64 0146
THYL ALKONES CATALYTIC HYDROGENATION OF SOME NAPH AFOSR 64-1413
ERTAIN NICKEL -II- & CATALYTIC POLAROGRAPHIC CURRENT OF C AFOSR 64-1398
OLYTIC DEOXYMERCURATION CATALYZED BY IODIDE ION SOLV AFOSR 64-1502
D ENERGY BALANCE IN THE CATHODE, SEP 1964 & IONIZATION, AN ARL 64 0152
MINO- ETHYLENE THE CATION RADICAL OF TETRAKIS-DIMETHYLA AFOSR 64-1511
II. SOLUTIONS OF IODOG CATIONS AND OXY CATIONS OF IODINE. AFOSR 64-1529
F IODOSECATIONS AND OXY CATIONS OF IODINE. II. SOLUTIONS O AFOSR 64-1529
S IN AWAKE AND SLEEPING CATS & BODY AND OPTIC RADIATION AFOSR 64-1196

COMPONENTS OF THE CATS AORTIC NERVE ON SHAM RAGE BEHAV	AFOSR 64-1179
RATINGS, MAR 1964 LASER CAVITIES TERMINATED BY DIFFRACTION G	AFCRL 64 0355
DUCTION BAND MINIMUM OF CDTE CON	AFOSR 64-1352
KELVISEC SCALE OF BOLOME CELESTIAL BACKGROUND RADIATION I. A	AFCRL 64 0169
FECTS MAINLY IN THE & CELESTIAL SPECTRA AND ATMOSPHERIC EF	AFCRL 64 0569
TEMPERATURE INFRARED CELL FOR PURE LIQUIDS OR SOLUTIONS	AFOSR 3424
S OF WATER TRANSPORT IN CELLS AND TISSUES&BIOPHYSICAL ASPECT	AFOSR 64-1188
ESEARCH ON PHOTOVOLTAIC CELLS, SEP 1964 R	ARL 64 0142
ORIENTATION OF THE M CENTER	AFOSR 64-1238
RON HYDRIDES FROM ONE& CENTRE SINGLE&DETERMINANT CALCULATIO	ARL 64 0128
OCTOPUS PAIRED CENTRES FOR THE CONTROL OF ATTACK BY	AFOSR 64-1689
OF THE HYDROG&EFFECT OF CENTRIFUGAL DISTORTION ON THE SHAPE	AFOSR 2158
PARAMETER DETERMINATIO& CENTROID METHOD OF ACCURATE LATTICE-	AFOSR 64-1243
HE DETERMINATION OF THE CENTROID OF AN X-RAY DISTRIBUTION& T	AFOSR 64-1242
TRUMENTAL & ROLE OF THE CEREBRAL CORTEX IN CLASSICAL AND INS	AFOSR 64-1441
AY &CHEMICAL FACTORS IN CEREBRAL EXCITATION, FINAL REPORT, M	AFOSR 64-1275
ION CONTENT OF ISOLATED CEREBRAL TISSUE & EXCITABILITY AND	AFOSR 64-1711
AND THE EXCITABILITY OF CEREBRAL TISSUES, ELECTRICALLY STIMU	AFOSR 64-1703
ON THE RECEPTORS IN THE CEREBRAL VESICLE OF THE ASCIDIAN	AFOSR 64-1704
MEDIUM, 1 APR 1964 CERENKOV EFFECT IN A PRE&OSCILLATING	AFCRL 64 0534
ION OF OPTICALLY PUMPED CESIUM SPIN RELAXAT	AFOSR 64-1361
ELD EMISSION & STUDY OF CESIUM ON REFRACTORY METALS USING FI	AFCRL 64 0320
LS FOR RECURRENT MARKOV CHAINS POTENTIAL KERNE	AFOSR 64-1637
VE CAPABILITY IN RANDOM CHANNEL COMBINATIONS & FOR ADAPTI	AFOSR 64-1331
MACCW POLES IN THE MANY CHANNEL S MATRIX POLES AND S	AFOSR 64-1150
EPARATED FLOW IN CURVED CHANNELS WITH SECONDARY INJECTION S	AFOSR 64 0860
HOSPHORYLATION IN SWISS CHARD CHLOROPLASTS & TO PHOTOP	AFOSR 64-1177
TORS CHARGE CARRIER INERTIA IN SEMICONDUC	AFOSR 64-1746
CTIONS JULY &LOW ENERGY CHARGE EXCHANGE AND ION&MOLECULE REA	AFCRL 64 0525
MOLECULE IONS FORMED IN CHARGE EXCHANGE COLLISIONS WITH	AFCRL 64 0545
MOLECULE IONS FORMED IN CHARGE EXCHANGE COLLISIONS WITH	AFCRL 64 0578
DISSOCIATIVE AND CHARGE EXCHANGE SCATTERING OF PROTON	AFCRL 64 0338
INFLUENCING THE CHARGE TO MASS RATIO OF ELECTRICALLY	AFOSR 64-1478
PEAKS ARISING FROM CHARGE TRANSFER AND DISSOCIATION	AFCRL 64 0519
OBSERVATION OF 2, 1 CHARGE TRANSFER IN A TOF MASS SPECTR	AFCRL 64 0591
CROSSED FIELD CHARGED PARTICLE DELAY LINES	AFOSR 64-1353
TO INVESTIGATE THE CHARGED PARTICLE FLUX IN THE NEAR&EA	AFCRL 64 0435
HEATING BY INJECTION OF CHARGED PARTICLES PLASMA	AFOSR 64 1142
MAGNETIC MIRROR PLASMA CHARGED PARTICLES FROM THE ENDS OF A	AFOSR 64-1673
INTERACTION OF FAST CHARGED PARTICLES WITH A PLASMA,	ARL 64 0111
N OF&NOTE ON THE USE OF CHEBYSHEV POLYNOMIALS FOR INTEGRATIO	AFOSR 64-1293
THE COEFFICIENTS IN THE CHEBYSHEV SERIES EXPANSION OF A	AFOSR 64-1735
SPECTRA OF METAL CHELATE COMPOUNDS OF HEXAFLUOROACETY	ARL 64 0127
& AS CR -III- & & RAPID CHELOMETRIC DETERMINATION OF CHROMAT	AFOSR 64-1399
E CONVERSION OF CHEMIC& CHEMICAL AND ENZYMATIC STUDIES ON TH	AFOSR 64-1271
NETIC RESONANCE, FINAL& CHEMICAL APPLICATIONS OF NUCLEAR MAG	AFOSR 3473
OF THE TWO ELECTRON CHEMICAL BOND. III. NATURAL ORBITALS	AFOSR 64-1520
OF THE TWO ELECTRON CHEMICAL BOND. VI. NATURAL ORBITAL	AFOSR 64-1522
ON THE CONVERSION OF CHEMICAL ENERGY TO LIGHT, FINAL	AFOSR 64-1271
- IODINE AND GERMANIU& CHEMICAL EQUILIBRIA IN THE GERMANIUM	AFOSR 64-1252
ION, FINAL REPORT, MAY& CHEMICAL FACTORS IN CEREBRAL EXCITAT	AFOSR 64-1275
OPTICAL PUMPING AND CHEMICAL REACTIONS	AFOSR 64-1490
BOUNDARY LAYERS WITH CHEMICAL REACTIONS, FINAL REPORT,	AFOSR 64-1394
IN MOLTEN SALTS. I. CHEMICAL SHIFT OF CRYSTALLINE AND	AFOSR 64-1550
IN CYCLOPROPANE CHEMISTRY, FINAL REPORT, DEC 1963	AFOSR 64-1419
EFFECTS OF PRESSO AND CHEMOCEPTIVE COMPONENTS OF THE CATS	AFOSR 64-1179
ERCENTAGE POINTS OF THE CHI&DISTRIBUTION, AUG 1964& AND OF P	ARL 64 0123
PLING OF CL35 IN SODIUM CHLORATE & ON THE QUADRUPOLE COU	AFOSR 64-1346
SOLVOLYSIS OF T - BUTYL CHLORIDE AND T - BUTYL - D9 CHLORIDE	AFOSR 64-1528
AND T - BUTYL - D9 CHLORIDE IN SOLVENT MIXTURES OF	AFOSR 64-1528
THE ANODIC OXIDATION OF CHLORIDE TO PERCHLORATE ON A SEMI -	AFOSR 64-1506
AL ANALYSIS OF ISOBUTYL CHLORIDE& STRUCTURE AND CONFORMATION	AFOSR 64-1537
II. REACTIONS OF CHLORINE ATOMS AND PEROXY RADICALS	AFOSR 64-1504
OF 1,2&DIBROMO&1& CHLORO&1,2 2&TRIFLUOROETHANE AND	SRL 64 0004
OPERTIES OF ALKAROMATIC CHLOROCARBONS, SEP 1964 & AND PR	ARL 64 0141
RYLATION IN SWISS CHARD CHLOROPLASTS & TO PHOTOPHOSPHO	AFOSR 64-1177
MATION OF 3- &EFFECT OF CHLORPROMAZINE OR HALOPERIDOL ON FOR	AFOSR 64-1169
NERVES&POST GANGLIONIC CHOLINERGIC MEDIATION OF SYMPATHETIC	AFOSR 64-1649
SODIUM TWILIGHT AT CHRISTCHURCH, NEW ZEALAND	AFCRL 64 0438
DETERMINATION OF CHROMATE AS CR -III- & EDTA BY REDUC	AFOSR 64-1399
GAS-SOLID ADSORPTION CHROMATOGRAPHY OF SOME AROMATIC	AFOSR 64-1415
MOLECULAR COMPLEXATION CHROMATOGRAPHY&-BUTYLPHENANTHRENE BY	AFOSR 64-1414
THE EVAPORATION OF IRON CHROMIUM ALLOYS CONTAINING 5 AND 25	AFOSR 64-1229
5 AND 25 PER CENT CHROMIUM IN THE TEMPERATURE RANGE	AFOSR 64-1229
EXCITATION OF CHROMOSPHERIC HE I & AUGUST 1964	AFCRL 64 0498
EXCITATION OF CHROMOSPHERIC MG I & AUGUST 1964	AFCRL 64 0497
TS SBCL5.POCL3.SBCL5. - CH3- 3PO AND NBCL5.POCL3 & THE ADDUC	AFOSR 64-1551
STARK EFFECTS IN HCN, CH3F, CH3I, NH3 AND H2O HINDERED	AFCRL 64 0668
EFFECTS IN HCN, CH3F, CH3I, NH3 AND H2O HINDERED ROTATION	AFCRL 64 0668
IAL EQUATIONS AND&THREE CIRCLE THEOREMS IN PARTIAL DIFFERENT	AFOSR 64-1591
HOLOMORPHIC IN THE UNIT CIRCLE, OF ARBITRARILY SLOW GROWTH,	AFOSR 64-1586
ON THE INTRINSIC SHORT& CIRCUIT CURRENT GAIN OF DIFFUSED	AFCRL 64 0345
SIGNALS IN ELECTRONICAL CIRCUIT STOCKHOLM, 27 APR 1964 & OF	AFCRL 64 0514
PERMANENTS OF -0,1- -& CIRCULANTS	AFOSR 64-1321
ELECTRONICALLY SCANNED CIRCULAR ARRAYS, 30 JUN 1964 & AND	AFCRL 64 0555
OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS AT STRES	AFOSR 64 1037
DISSIPATIVE MEDIUM,&THE CIRCULAR LOOP ANTENNA IMMERSED IN A	AFCRL 64 0339
OF THIN WIRE CIRCULAR LOOP ANTENNAS AND ELECTRONI	AFCRL 64 0555
THE ADMITTANCE OF BA L CIRCULAR LOOP ANTENNAS IN A DISSIPAT	AFOSR 64-1342
OF TWO HIGH&POWER CIRCULARLY POLARIZED TRANSVERSE	AFCRL 64 0533
THERMALLY DRIVEN CIRCULATIONS & AUGUST 1964	AFCRL 64 0500
CURVES APPROACHING THE CIRCUMFERENCE & ON A SEQUENCE OF	AFOSR 64-1586
KINETIC ENERGY OVER A CIRCUMPOLAR AREA OF A SPHERE, 31	AFCRL 64 0248
ACK,VOL.I, & DEFENSE OF CITIES AGAINST BALLISTIC MISSILE ATT	ORA 64 0001
MEASUREMENTS IN 3M 2NA- CL- MEDIUM & A HYDROGEN ELECTRODE.	AFOSR 64-1595
FOR THE SOLUTIONS OF A CLASS OF NONLINEAR PARTIAL DIFFERENT	AFOSR 3342
STABILITY OF A CERTAIN CLASS OF NONLINEAR SAMPLED DATA	AFOSR 64-1316
DIRECTED INQUIRY IN CLINICAL NURSING INSTRUCTION BY	AFOSR 64-1359
VERTICALLY CONVECTING CLOUD DEVELOPMENT 28 FEBRUARY 1964	AFCRL 64 0333
A STUDY OF MIDDLE CLOUD WAVE PATTERNS & 31 MAY 1964	AFCRL 64 0465
ATER CONTENT IN NATURAL CLOUDS & 15 FEBRUARY 1964 & LIQUID W	AFCRL 64 0621
ON THE INFLUENCE OF CLOUDS ON ULTRAVIOLET SKY RADIATION	AFCRL 64 0565
S OF FCC SINGLE CRYSTAL COBALT FILMS, APR 1964 & PROPERTIE	AFCRL 64 0420
O -57FE ON IRON-II- AND COBALT-II- OXALATES. & OF 57C	AFOSR 64-1503
DETAILS OF THE EFFERENT COCHLEAR INHIBITION IN THE PIGEON &	AFOSR 64-1191
& WEAPONS PHENOMENOLOGY CODE &WEPH II&, 31 MAR 1964&VOL III	AFCRL 64 0196
RESEARCH IN NONLINEAR CODES, MAR 1964	AFCRL 64 0137
UNCTION OF RECALL POINT CODING SHORT TERM RETENTION AS A F	AFOSR 64-1163
CODING COLOR PICTURES	AFOSR 64-1364
NDOM CHANNEL COMBINATI& CODING FOR ADAPTIVE CAPABILITY IN RA	AFOSR 64-1331
OF REFLECTION COEFFICIENT AND VIRTUAL HEIGHT OF	AFCRL 64 0611
ANE & THE TEMPERATURE COEFFICIENT OF THE POLYDIMETHYLSILOX	AFOSR 64-1494
I. THE TEMPERATURE COEFFICIENT OF THE UNPERTURBED EXTEN	AFOSR 64-1492
ON THE ACCURACY OF THE COEFFICIENTS IN A SERIES OF SPHERICA	AFCRL 64 0573
AND ESTIMATION OF THE COEFFICIENTS IN THE CHEBYSHEV SERIES	AFOSR 64-1735
YL-COENZYME A TO FORMYL COENZYME A & DECARBOXYLATION OF OXAL	AFOSR 64-1189
ARBOXYLATION OF OXALYL- COENZYME A TO FORMYL COENZYME A& DEC	AFOSR 64-1189
NCE - INDEPENDENCE, & COGNITIVE STRUCTURING, FIELD DEPENDE	AFOSR 64-1304

RESEARCH IN OPTICAL COHERENCE AND NONLINEAR ESTIMATION	AFOSR 64 1141
A GEOMETRIC STUDY OF COHERENCE PROPERTIES OF PARTIALLY	AFCRL 64 0460
AL OF HIGH & EFFECT OF COLD ROLLING ON MAGNETIZATION REVERS	AFOSR 64-1709
METHODS OF DATA COLLECTION IN STUDIES OF RELIGION	AFOSR 64-1309
A SYSTEM FOR AUTOMATIC COLLECTION OF GEOMAGNETIC DATA IN	AFCRL 64 0470
PLASMAS APR 1964 ON THE COLLECTIVE DESCRIPTION OF CLASSICAL	ARL 64 0140
PPROXIMATION THEORY OF COLLISION BROADENING IN THE SUDDEN A	AFOSR 64-1365
RE OF ELECTRONS &ATOMIC COLLISION PROCESSES. RADIATIVE CAPTU	AFOSR 64-1512
CONDUCTIVITY & COMPLETE COLLISIONAL EFFECTS IN THE THERMAL C	AFCRL 64 0616
ELECTRON COLLISIONS IN NEON PLASMA	AFOSR 64-1360
STOPPING BY ELASTIC COLLISIONS OF PARTICLES FROM A UNIDI	ARL 64 0129
ONS & ROLE OF HARD CORE COLLISIONS WITH LARGE ANGLE DEFLECTI	AFOSR 64-1527
IN CHARGE EXCHANGE COLLISIONS WITH POSITIVE IONS.	AFCRL 64 0545
IN CHARGE EXCHANGE COLLISIONS WITH POSITIVE IONS.	AFCRL 64 0578
CODING COLOR PICTURES	AFOSR 64-1364
OF THE PIGEON / COLUMBA LIVIA / DURING THE PRE INCUB	AFOSRTN60 253
TS APPLICATION TO & THE COMBINATORY INTEGRAL TRANSFORM AND I	AFOSR 64 0899
OF SPHERICAL COMBUSTION FOR THE UTIAS IMPLOSION	ARL 64 0130
PLICATION OF SUPERSONIC COMBUSTION REVIEW OF PROBLEMS IN AP	AFOSR 64-1471
ON SOLID PROPELLANT COMBUSTION INSTABILITY, FINAL REPORT	AFOSR 4693
AL REPORT,&IGNITION AND COMBUSTION OF SOLID PROPELLANTS. FIN	AFOSR 64-1665
TURE AND DEVELOPMENT OF COMETARY TAIL, 31 MAR 1964 STRUC	AFCRL 64 0646
PROPERTIES OF LOSSY COMMUNICATION NETS	AFOSR 64-1356
THESIS OF PROBABILISTIC COMMUNICATION NETS SYN	AFOSR 64-1558
THE COMMUNICATION OF ALGORITHMS	AFOSR 64-1384
MOST RELIABLE ROUTES IN COMMUNICATION SYSTEMS FINDING THE	AFOSR 64-1581
QUANTUM DESCRIPTIONS ON COMMUNICATION THEORY	AFOSR 64-1577
SIGNALS FOR BINARY COMMUNICATION USING SIMPLE CORRELATI	AFCRL 64 0289
HOMOMORPHISMS OF NON COMMUTATIVE STAR - ALGEBRAS	AFOSR 64-1618
ON FUNCTIONS THAT COMMUTE WITH FULL FUNCTIONS	AFOSR 64-1624
FOAMED PROPELLANTS FOR COMPACTION AND STABILIZATION OF	AFCRL 64 0622
BASED DIRECTLY ON THE COMPENSATION THEOREM OF THE SKY	AFCRL 64 0509
COMPOUNDS AND OF COMPETITIVE PROCESSES INVOLVING	AFCRL 64 0517
DYE&SULPHYDRYL PROTEIN COMPLEX & MAY 1964 & TRANSFER IN	AFCRL 64 0416
UNCTIONS ON HOMOGENEOUS COMPLEX MANIFOLDS - GERMAN - & F	AFOSR 64-1631
PROCESS IN COMPLEX MOLECULES AND THE REACTIONS	AFOSR 64-1688
ENANTHRENE BY MOLECULAR COMPLEXATION CHROMATOGRAPHY&-BUTYLPH	AFOSR 64-1414
OF MULTIDENTATE LIGAND COMPLEXES EXCHANGE REACTIONS	AFOSR 64-1407
TS OF AQUO - COPPER-II- COMPLEXES IN ACETONE & CONSTAN	AFOSR 64-1515
OF CERTAIN NICKEL -II- COMPLEXES. APPLICATION TO THE ANALYS	AFOSR 64-1398
OF FLUORINATED ORGANIC COMPOUNDS. I. THE PYROLYSIS OF 1,2&DI	SRL 64 0004
OF SWITCHING NETWORKS COMPOSED OF M-OUT-OF-N DECISION	AFOSR 64-1378
SENSITIVITY IN THE COMPOUND EYE AT DIFFERENT LIGHT	AFOSR 64-1699
PIGMENT POSITION IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTER	AFOSR 64-1713
FERROMAGNETIC EUROPIUM COMPOUNDS	AFOSR 64-1205
RON TRANSFER IN ORGANIC COMPOUNDS & 14 MAY 1964 & ELECT	AFCRL 64 0431
OXIDATION OF ORGANIC COMPOUNDS AND OF COMPETITIVE PROCESS	AFCRL 64 0517
YSIS OF CERTAIN ORGANIC COMPOUNDS CONTAINING BASIC NITROGEN	AFOSR 64-1398
TRIMETHYLAZIDO COMPOUNDS OF GROUP IVA ELEMENTS	AFOSR 64-1541
OF METAL CHELATE COMPOUNDS OF HEXAFLUOROACETYLACETONE	ARL 64 0127
MEPERIDINE, AND RELATED COMPOUNDS ON THE EXCITABILITY AND	AFOSR 64-1711
STABILITY OF ORGANIC COMPOUNDS, FINAL REPORT, APR 1964	AFOSR 64-1467
HETEROCYCLIC QUINONOID COMPOUNDS, 30 APR 1964 & AND	AFCRL 64 0359
LS &BUCKLING OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHEL	AFOSR 64 1037
TAGNATION & THE LAMINAR COMPRESSIBLE BOUNDARY LAYER IN THE S	AFOSR 64-1720
ANTENNA IMMERSED IN A COMPRESSIBLE PLASMA & PARTS I AND	AFCRL 64 0472
EXPERIMENTAL STUDY OF COMPRESSIONAL HYDROMAGNETIC WAVES	AFOSR 64-1372
MERIC BRAKING&A POSSIBLE COMPROMISE BETWEEN ROCKET AND ATMOSP	AFOSR 64 1139
UMPENSATION & NUMERICAL COMPUTATIONS BASED DIRECTLY ON THE C	AFCRL 64 0509
R A MULTIPLEXED DIGITAL COMPUTER & AND CONTROL PROCEDURES FO	AFOSR 64-1335
GH THE USE OF A DIGITAL COMPUTER & JUNE 1964&ANOMALIES THROU	AFCRL 64 0575
JULY 1964 A COMPUTER APPROACH TO LASER DESIGN &	AFCRL 64 0589
TRIC AMPLIFIER &DIGITAL COMPUTER DESIGN OF THE DIPOLE PARAME	AFCRL 64 0447
OF PROPAGATION&LIMITED COMPUTER NETWORKS APR 1964	AFCRL 64 0376
EQUILIBRIUM & A DIGITAL COMPUTER PROGRAM FOR CALCULATING NON	AFOSR 64 0075
NDWRITTE&EXPERIMENTS ON COMPUTER RECOGNITION OF CONNECTED HA	AFOSR 64-1575
CHANGE BETWEEN & ANALOG COMPUTER RESEARCH INTO THE ENERGY-EX	AFOSR 64 1001
JIGSAW PUZZLES - THE COMPUTER SOLUTION OF A PROBLEM IN	AFOSR 64-1386
C PROGRAM FOR THE PDP&1 COMPUTER, JUN 1964&DECIMAL ARITHMETI	AFCRL 64 0510
TEMPERATURE METHOD FOR COMPUTING DISPLACEMENT THICKNESS,	ARL 64 0119
OF A PROGRAM FOR COMPUTING THEORETICAL SEISMOGRAMS	AFCRL 64 0503
AND S35 STRATOSPHERIC CONCENTRATIONS AND ARTIFICIAL PRODUC	AFCRL 64 0521
DYNAMICAL EQUATIONS OF CONDITIONAL PROBABILITY DENSITY	AFOSR 64-1325
AND INSTRUMENTAL CONDITIONED REFLEXES, FINAL REPORT,	AFOSR 64-1441
PHOTOCONTROLLED SURFACE CONDUCTANCE IN ANODIZED INSB	AFOSR 64-1744
GRAIN BOUNDARY CONDUCTANCE IN INSB	AFOSR 64-1743
ANTENNA THE IMPERFECTLY CONDUCTING CYLINDRICAL TRANSMITTING	AFOSR 64-1343
ROTATING ELECTRICALLY CONDUCTING FLUID IN A LONG CYLINDER	AFOSR 64-1670
THE FLOW OF A PERFECTLY CONDUCTING GAS WITH AN ALIGNED MAGNE	ARL 64 0113
ERTIES OF ANTENNAS IN A CONDUCTING MEDIA, 15 APR 1964 & PROP	AFCRL 64 0436
BACK SCATTERING FROM CONDUCTING OBJECTS IN THE RANGE OF	AFCRL 64 0541
DUCTION ON AN EXPANDING CONDUCTING SPHERE&ELECTROMAGNETIC IN	AFOSR 64-1363
& TRANSFORM AND TO HEAT CONDUCTION & RELATED TO THE LAPLAC	AFOSR 1122
CONDUCTION BAND MINIMUM OF CDTE	AFOSR 64-1352
OVERLAPPING VALENCE AND CONDUCTION BANDS IN SNTE & OF	AFOSR 64-1250
IN THE ELECTRICAL CONDUCTION OF THIN METALLIC LAYERS	AFOSR 64-1207
T HIGH FREQU&ELECTRICAL CONDUCTION OF THIN METALLIC LAYERS A	AFOSR 64-1208
N IN THE THEORY OF HEAT CONDUCTION& THE APPELL TRANSFORMATIO	AFOSR 64-1622
EQUILIBRIUM ELECTRICAL CONDUCTIVITY IN A SEEDED PLASMA NON	AFOSR 64 0848
THERMAL AND ELECTRICAL CONDUCTIVITY OF COOLING STELLAR	AFCRL 64 0528
EFFECTS IN THE THERMAL CONDUCTIVITY TENSORS FOR A FULLY	AFCRL 64 0616
AND EFFECTIVE THERMAL CONDUCTIVITY TENSORS FOR A LORENTZ&T	AFCRL 64 0615
ACANCIES AND ELECTRICAL CONDUCTION IN METAL OXIDES OXYGEN V	AFOSR 64-1230
FLOW OVER AN INCLINED CONE USING THE METHOD OF MATCHED	AFOSR 64 1056
M A JAVELIN ROCKET NOSE CONE, 1 DEC 1962&31 DEC 1963 & FRO	AFCRL 64 0322
AND TECHNICAL LIBRARIES CONFERENCE, 1962&1 MAY 1964	OAR 64 0009
CHAIN CONFIGURATION FROM SWELLING EQUILIBR	AFOSR 64-1494
HE LITHIUM HYDRIDE & CONFIGURATION INTERACTION STUDY OF I	AFOSR 64-1523
STUDY ON THE CONFIGURATION OF FOUR EARTH&BASED	AFCRL 63 0765
LSILOXANE- CHAIN. I. & CONFIGURATION OF THE POLY&- -DIMETHY	AFOSR 64-1492
LAXATION OSCILLATIONS - CONFINING REGIONS ON CERTAIN RE	AFOSR 64-1569
V. THE STRUCTURE AND CONFORMATIONAL ANALYSIS OF ISOBUTYL	AFOSR 64-1537
NTROL PROBLEM ON THE CONJUGATE POINT CONDITION FOR THE CO	AFOSR 64-1348
& FACTOR IN CYCLOPROPYL CONJUGATION A STEREOCHEMICA	AFOSR 64-1400
TO BE USED IN CONJUNCTION WITH A SHOCK TUBE &	AFCRL 64 0657
CHNIQUE FOR CROPPING &A CONSTANT CURRENT MICROCOULOMETRIC TE	AFOSR 788
IN SOLVENT MIXTURES OF CONSTANT IONIZING POWER& D9 CHLORIDE	AFOSR 64-1528
III. SUPERHEA&DIELECTRIC CONSTANT OF HYDROGEN BONDED LIQUIDS,	AFOSR 64-1519
OF THE FORMATION CONSTANTS OF AQUO - COPPER-II- COMPL	AFOSR 64-1515
OF THE FORMATION CONSTANTS OF GEO2 -OH-2 ION USING A	AFOSR 64-1555
AND POTENTIAL CONSTANTS OF NITRIC ACID & 31 JULY	AFCRL 64 0651
NETIC NUCLEAR SHIELDING CONSTANTS FOR NEUTRAL ATOMS DIAMAG	AFOSR 64-1495
F DISCRETE SYSTEMS WITH CONSTRAINED INPUTS&OPTIMAL CONTROL O	AFOSR 64-1312
NAL RELATIONS CONSTRAINT ANALYSIS OF MANY DIMENSIO	AFOSR 64-1307
OF VARI&SOME INEQUALITY CONSTRAINT PROBLEMS IN THE CALCULUS	AFOSR 64-1347
WITH UNILATERAL CONSTRAINTS, THE SIGNORINI PROBLEM	ARL 64 0120
& FOR & THE DESIGN AND CONSTRUCTION OF A LUMINOUS SHOCK TUB	AFCRL 64 0257
N RECOGNITION TECHNIQUE CONTACTOR CONTROL BY ADAPTIVE PATTER	AFOSR 64-1329

AUDITORY VS. STRUCTURAL CONTEXT & MAY 1964 & FLUENT SPEECH
AND GRAMMATICAL CONTEXT ON THE PRODUCTION AND PERCEP
SERIES FROM THE CONTINENTAL UNITED STATES 30 AUGUST
CONVENTIONAL PHYSICAL CONTINUUM WHEN PARTICLES ARE REGARDE
RGY WITH STRIATE CORTE CONTOUR DISCRIMINATION IN A YOUNG MO
POWERS OF A CONTRACTION IN HILBERT SPACE
ADAPTIVE CONTROL
SEMICONDUCTOR SURFACE CONTROL AND STABILIZATION & 14 MAY
ION TECHNIQUE&CONTACTOR CONTROL BY ADAPTIVE PATTERN RECOGNIT
THE CONTROL OF ATTACK BY OCTOPUS
PATHIC CENTRES FOR THE CONTROL OF ATTACK BY OCTOPUS
HE RENDEZVOUS PROBLEM CONTROL OF CO-OPERATIVE SYSTEMS - T
STRAINT INPUTS OPTIMAL CONTROL OF DISCRETE SYSTEMS WITH CON
PRIATE & DATA ON THE CONTROL OF GENETIC REPLICATION IN TE
WASTE CONVERSION IN CONTROL OF ISOLATED ENVIRONMENTS 31
SYSTEMS TIME OPTIMAL CONTROL OF NON-LINEAR SAMPLED - DATA
IDENTIFICATION AND CONTROL OF RANDOM PARAMETER DISCRETE
ELECTROMETRIC PURITY CONTROL OF SALT MEDIA FOR EQUILIBRIU
POINT CONDITION FOR THE CONTROL PROBLEM ON THE CONJUGATE
OPTIMUM SAMPLING AND CONTROL PROCEDURES FOR A MULTIPLEXED
OF AN AUTOMATIC PHASE CONTROL SYSTEM TO FM SIGNALS AND
64 CONTROL SYSTEMS, FINAL REPORT, JUNE
S TO OPTIMAL STOCHASTIC CONTROL THEORY & WITH APPLICATION
ON THE CONCEPTS OF CONTROLLABILITY AND OBSERVABILITY
INSB DIODES UNDER CONTROLLED SURFACE CONDITIONS
OF SELECTED VERTICALLY CONVECTING CLOUD DEVELOPMENT 28
LIBRARY TEMPERATE&NATURAL CONVECTION FROM WALL SECTIONS OF ARB
RESEARCH ON THERMAL CONVECTION IN ROTATING FLUIDS AND
INE FROM L METHIONINE A CONVENIENT PREPARATION OF L HOMOCYST
L PHENYLPHOSPHONATE - A CONVENIENT SYNTHESIS & FROM DIPHENY
SPACE TO REPLACE THE CONVENTIONAL PHYSICAL CONTINUUM
PSYCHOBIOLOGICAL WASTE CONVERSION IN CONTROL OF ISOLATED
STUDIES ON THE CONVERSION OF CHEMICAL ENERGY TO
W POWERDESIGNING DCDCC CONVERTERS FOR HIGH EFFICIENCY AT LO
IN THERMIONIC ENERGY CONVERTERS FOR PERIOD 1 FEBRUARY
OF ASYMPTOTY FOR PLANE CONVEX SETS A MEASURE
SINGULARITY OF INFINITE CONVOLUTIONS ENTROPY AND
CONDUCTIVITY OF COOLING STELLAR PLASMA EMITTING
L REPORT, MAY 1962 COOPERATIVE STORAGE WAREHOUSES, FINA
THE CURIOUS EYE OF COPILIA
THRUST TRANSFER BETWEEN COPLANAR HYPERBOLIC ORBITS & LOW
LIGAND KINETICS. IV. COPPER -II- AND N- HYDROXYETHYLETHYL
D & HALOGENATION WITH COPPER -II-. I. SATURATED KETONES AN
CONSTANTS OF AQUO - COPPER-II- COMPLEXES IN ACETONE
LIGAND KINETICS. V. COPPER-II- AND CYCLOHEXYLENEDIAMINET
LECTIONS & ROLE OF HARD CORE COLLISIONS WITH LARGE ANGLE DEF
IONIZED ARGON AROUND A CORNER & OF DISSOCIATED OXYGEN AND
NEBULA BY THE SOLAR CORONA AT A WAVELENGTH OF 6 CM, JUN
PLICATIONS TO THE SOLAR CORONA, 1964 & ATMOSPHERE WITH AP
ADIC EVIDENCE FOR SOLAR CORPUSCULAR EMISSION & JULY 1964 R
C SUSCEQUESTION OF SIZE CORRECTIONS TO THE STEADY DIAMAGNETI
SEC SCALE OF BOLOMETRIC CORRECTIONS, MAR 1964 & I. A REVI
E UNITS IN THE AUDITORY CORTEX RESPONSES OF SINGL
RECORDED FROM AUDITORY CORTEX & AFFECTING EVOKED RESPONSES
UNG MONKEY WITH STRIATE CORTEX ABLATION & IN A YO
ROLE OF THE CEREBRAL CORTEX IN CLASSICAL AND INSTRUMENTAL
THE RHESUS MONKEYSTRIATE CORTEX LESIONS ANC VISUAL ACUITY OF
SINGLE UNIT STUDIES OF CORTICAL AND SUBCORTICAL FUNCTION
EING LATERAL & VISUAL CORTICAL RESPONSES EVOKED BY STIMULA
MAGNETIC VARIATIONS AND COSMIC NOISE ABSORPTION, 21 MAY 1964
S HE4/ RATIO IN PRIMARY COSMIC RADIATION THE HE3/HE3 PLU
MEASUREMENT OF THE COSMIC RAY NEUTRON FLUX AT 45 DEGREE
SAC EPR OF EXCHANGE COUPLED PAIRS OF EU2 PLUS IN CAO AND
ARACTERISTICS OF PHOTOCH COUPLED SYSTEMS CH
ICN A COUPLING FACTOR IN PHOTOPHOSPHORYLAT
ICN A COUPLING FACTOR IN PHOTOPHOSPHORYLAT
FECTS ON THE QUADRUPOLE COUPLING OF CL35 IN SODIUM CHLORATE
ELECTRON TRANSPORTON THE COUPLING OF PHOTOPHOSPHORYLATION TO
WAVES BY NONLINEAR COUPLING OF TWO HIGHPOWER CIRCULARL
THE OCCULTATION OF THE CRAB NEBULA BY THE SOLAR CORONA AT
ION OF LUNAR HISTORY, & CRATER FREQUENCY AND THE INTERPRETAT
A FURTHER NOTE ON THE CREEP ANALYSIS OF ANNULAR PLATES
INARY EVALUATION OF THE CRICKETSONDE ROCKET SYSTEM, JUN 1964
ULSE RESPONSE STABILITY CRITERIA IMP
DISPERSION OF SOUND IN CRITICAL MIXTURESE ON ABSORPTION AND
LLER THAN THE CLASSICAL CRITICAL VALUE & AT STRESSES SMA
ICONDUCTORS CROSS FIELD MAGNETOABSORPTION IN SEM
SCATTERSTUDIES IN RADAR CROSS SECTIONS XLIX DIFFRACTION AND
LINES CROSSED FIELD CHARGED PARTICLE DELAY
AND GJ /3P1/ IN & LEVEL CROSSING DETERMINATION OF TAU /1P1/
ANC 300 DEGREES K, & A CRYOSTAT FOR TEMPERATURES BETWEEN 14
BILIPROTEINS OF CRYPTOMONAD ALGAE
ON STRUCTURES IN SINGLE CRYSTAL AL203 & AUGUST 64 DISLOCATI
ROPERTIES OF FCC SINGLE CRYSTAL COBALT FILMS, APR 1964 & P
AND PHYSICS OF SINGLE CRYSTAL EMITTERS, 20 APR 1964
ISTORTION OF RARE EARTH CRYSTAL FIELD SPECTRA & AND D
S THE CRYSTAL STRUCTURE OF 2HGCL2. -C2H5-2
BASC THE CRYSTAL STRUCTURES OF HGCL2. 2-C6H5-
CL5.POCL3.SBCL5. & THE CRYSTAL STRUCTURES OF THE ADDUCTS SB
I. CHEMICAL SHIFT OF CRYSTALLINE AND MOLTEN THALLIUM
INFRARED SPECTRA OF CRYSTALLINE C2H2, C2HD, AND C2D2
MODES AT DEFECTS IN CRYSTALLINE QUARTZ & 17 JUNE 1964
OSEC&SYSTEM EVAPORATION CRYSTALLIZER, MAY 1964 IMPROVED CL
OTCLIENS A CRYSTALLOGRAPHIC STUDY OF VERTEBRATE
IDES. SODIUM HYPONIOBTHE CRYSTALLOGRAPHY OF SOLID NITROGEN OX
RANSITION METAL IONS IN CRYSTALS FLUORESCENCE OF T
POINT IMPERFECTIONS IN CRYSTALS & RESISTANCE PRODUCED BY
FAR INFRARED SPECTRA OF CRYSTALS AND SOLIDS IN A LARGE RANGE
LLINE ANISOTROPIC CUBIC CRYSTALS, APR 1964&FOR MAGNETOCRYSTA
AC REFERENCE PANUAL FOR CSX-1 MACHINE LANGUAGE PROGRAMMINGCS
CRYSTALLINE ANISOTROPIC CUBIC CRYSTALS, APR 1964&FOR MAGNETO
GD155 AND GE157 IN THE CUBIC FERROMAGNET GDN & RESONANCE OF
STATE OF EU2 PLUS & THE CUBIC FIELD SPLITTING OF THE GROUND
THE CURIOUS EYE OF COPILIA
MEMORY EFFECTS IN THE CURRENT - VOLTAGE CHARACTERISTICS
L ELECTRODES IN A HOMOG CURRENT DISTRIBUTION OF HEMISPHERICA
INTRINSIC SHORT&CIRCUIT CURRENT GAIN OF DIFFUSED BASE TRANSI
OX DROPPING &A CONSTANT CURRENT MICROCOULOMETRIC TECHNIQUE F
CATALYTIC POLAROGRAPHIC CURRENT OF CERTAIN NICKEL -II- COMPL
TIC FOR TUNNEL&ANOMALOUS CURRENT PEAKS IN THE I-V CHARACTERIS
SEARCH INSTI&SUMMARY OF CURRENT RESEARCH AT THE MICROWAVE RE
A SYSTEM WHICH EXHIBITS CURRENT-SCAN POLAROGRAPHY, STUDY OF
EXCITATION OF NONLINEAR CURRENTS AND GENERATION OF HARMONIC
TION SEPARATED FLOW IN CURVED CHANNELS WITH SECONDARY INJEC
TOPOLOGY OF POSITIVELY CURVED KAEHLER MANIFOLDS ON THE
FINITY ON A SEQUENCE OF CURVES APPROACHING THE CIRCUMFERENCE
PHOTONS MAGNETOSPHERIC CUTOFF FOR 1.5-MEV EXTRATERRESTRIAL
N PHASE OF THE BREEDING CYCLE & / DURING THE PRE INCUBATIO

AFCRL 64 0432
AFCRL 64 0474
AFCRL 63 0371
AFOSR 64-1380
AFOSR 64-1160
AFOSR 64-1636
AFOSR 64-1315
AFCRL 64 0581
AFOSR 64-1329
AFOSR 64-1689
AFOSR 64-1689
AFOSR 64-1359
AFOSR 64-1312
AFOSR 64-1180
AFCRL 64 0341
AFOSR 64-1559
AFOSR 64-1334
AFOSR 64-1458
AFOSR 64-1348
AFOSR 64-1339
AFOSR 4502
AFOSR 64 1005
AFOSR 64-1325
AFOSR 64-1313
AFOSR 64-1745
AFCRL 64 0333
ARL 64 0155
AFCRL 64 0546
AFOSR 64-1190
AFOSR 64-1510
AFOSR 64-1380
AFCRL 64 0341
AFOSR 64-1271
AFCRL 64 0558
AFCRL 64 0560
AFOSR 5585
AFOSR 64-1620
AFCRL 64 0528
AFOSR 2615
AFOSR 64-1308
AFOSR 64 1140
AFOSR 64-1404
AFOSR 64-1401
AFOSR 64-1515
AFOSR 64-1406
AFOSR 64-1527
AFOSR 64 0075
AFCRL 64 0258
AFCRL 64 0617
AFCRL 64 0609
AFOSR 64-1215
AFCRL 64 0169
AFOSR 64-1576
AFOSR 64-1161
AFOSR 64-1160
AFOSR 64-1441
AFOSR 64-1297
AFOSR 64-1435
AFOSR 64-1196
AFCRL 64 0570
AFOSR 4124
AFCRL 64 0487
AFOSR 64-1202
AFOSR 64-1338
AFOSR 64-1178
AFOSR 64-1181
AFOSR 64-1346
AFOSR 64-1185
AFCRL 64 0533
AFCRL 64 0258
AFCRL 64 0425
AFOSR 64 1039
AFCRL 64 0469
AFOSR 64-1722
AFOSR 64-1467
AFOSR 64 1037
AFOSR 64-1199
AFCRL 64 0138
AFOSR 64-1353
AFOSR 64-1580
AFOSR 64-1240
AFOSR 64-1176
AFCRL 64 0630
AFCRL 64 0420
AFCRL 64 0410
AFOSR 64-1253
AFOSR 64-1552
AFOSR 64-1553
AFOSR 64-1551
AFOSR 64-1590
AFOSR 64-1547
AFCRL 64 0597
AFCRL 64 0418
AFOSR 64-1175
AFOSR 64-1469
AFOSR 64-1368
AFOSR 64-1235
AFCRL 64 0489
AFCRL 64 0072
AFOSR 64-1358
AFCRL 64 0072
AFOSR 64-1200
AFOSR 64-1204
AFOSR 64-1308
AFOSR 64-1564
AFCRL 64 0536
AFCRL 64 0345
AFOSR 788
AFOSR 64-1398
AFOSR 64-1571
AFOSR 64-1582
AFOSR 1322
AFCRL 64 0378
AFOSR 64 0860
AFOSR 64-1617
AFOSR 64-1586
AFOSR 64 1148
AFOSRTN60 253

III. THE BEHAVIOR OF CYCLOHEXANEFORMYL PEROXIDE IN THE
V. COPPER-II- AND CYCLOHEXYLENEDIAMINETETRAACETATO-VIC
INTERPOLATES IN CYCLOPROPANE CHEMISTRY, FINAL REPORT
TERMOCHEMICAL FACTOR IN CYCLOPROPYL CONJUGATION A S
ZED GASES CYCLOTRON RESONANCE IN SLIGHTLY IONI
DUCTING FLUID IN A LONG CYLINDER ROTATING ELECTRICALLY CON
COMPRESSED CIRCULAR CYLINDRICAL SHELLS AT STRESSES SMALL
IMPERFECTLY CONDUCTING CYLINDRICAL TRANSMITTING ANTENNA&THE
QUADRUPOLE COUPLING OF CL35 IN SODIUM CHLORATE & ON THE
TALLINE C2H2, C2HD, AND C2D2 INFRARED SPECTRA OF CRYS
RA OF CRYSTALLINE C2H2, C2HD, AND C2D2 INFRARED SPECT
SPECTRA OF CRYSTALLINE C2H2, C2HD, AND C2D2 INFRARED
STRUCTURE OF 2HGCL2. - C2H5-2S THE CRYSTAL
SLOW PERIODICITY IN THE DARK DISCHARGE OF RETINAL UNITS
ISOTOPOBIN BALLOON DART SOUNDING VEHICLE & MAY 1964
NUCLEAR MOMENTS OF 245- DAY 2N65 REDETERMINATION OF THE HFS
UDY, & & REAL TIME AND DAYLIGHT GEODETIC STELLAR CAMERAS ST
TIMES FROM THC TO EIGHT DAYS, 1964 & OF SUNSPOTS WITH LIFE
A FEASIBILITY STUDY DEALING WITH THE INTEGRATION OF
OXALATICUS -OX 1-.7. DECARBOXYLATION OF OXALYL-COENZYME
BOUNDARY & THE ENERGY DECAY OF SOLUTIONS TO THE INITIAL -
CPE1 & PADCAP. MAMMOTH DECIMAL ARITHMETIC PROGRAM FOR THE P
COMPOSED OF P-OUT-OF-N DECISION GATE2&OF SWITCHING NETWORKS
DECISION MAKING
L 1964 RESEARCH ON DECISION PROCESSES, FINAL REPORT, JU
PEROXIDE DECOMPOSITION AND CAGE EFFECT
1964 SHOCK TUBE DECOMPOSITION OF NITROUS OXIDE, SEP
OF THE PHOTOCATALYZED DECOMPOSITION OF WATER AND OF THE
SOLID PROPELLANT DECOMPOSITION, FINAL REPORT, JAN
IN THE THERMAL DECOMPOSITIONS OF FREE RADICAL INITI
UNE &RESONANCE MODES AT DEFECTS IN CRYSTALLINE QUARTZ & 17 J
& STUDY OF VISUAL FIELD DEFECTS IN MONKEYS A PERIMETRI
OPY GRAPHITE DEFECTS OBSERVED BY ELECTRON MICROSC
MI SILE ATTACK,VOL.I, & DEFENSE OF CITIES AGAINST BALLISTIC
DENSITY SCALE HEIGHTS DEFINING ATMOSPHERIC MODELS, APR
AUGUST 1964 TROPOPAUSE DEFINITION AND HOURLY FLUCTUATIONS &
WITH LARGE ANGLE DEFLECTIONS IN THE KINETIC THEORY
OF FATIGUE INDUCED DEFORMATION FAULTING IN THIN FOIL
AND OTHER MATERIALS, & DEFORMATION MECHANISMS IN REFRACTORY
ANALOGUES TESTS &SHEAR DEFORMATION OF UPPER MANTLE MINERAL
HE A - MATRIX OF HALF - DEGENERATE RLC NETWORKS & OF T
M THE KINETIC THEORY OF DENSE FLUIDS & ANGLE DEFLECTIONS I
THE KINETIC THEORY OF DENSE FLUIDS. XVI. THE IDEAL IONIC
THE KINETIC THEORY OF DENSE FLUIDS. XV. SOME COMMENTS ON
HE VIG AS A FUNCTION DENSITY & SPECTRUM OF POLYCRYSTALLI
CONDITIONAL PROBABILI.. DENSITY FUNCTIONS, WITH APPLICATIONS
FOR OBTAINING ELECTRON DENSITY PROFILES FROM CAPACITIVE
PHERIC & PRESSURE AND DENSITY SCALE HEIGHTS DEFINING ATMOS
IN THE UNIFORM DENSITY WITHIN D UNITS OF THE TRUE
OF ATMOSPHERIC DENSITY, TEMPERATURE, AND PRESSURE,
OF ATMOSPHERIC DENSITY, UP TO 90 KM & JUNE 1964
MICROSCOPY OF DENTAL ENAMEL WITH REFERENCE TO
OF THE TEMPERATURE DEPENDANCE OF THE TOTAL ABSORPTANCE
OF THE MAGNESIUM ATP DEPENDENT STORAGE MECHANISM IN THE
DETERMINATION OF TIME DEPENDENT VELOCITY FIELDS IN LOW
CIRCPHYSIOLOGICAL&AORTIC DEPRESSOR FIBERS IN THE RAT - AN ELE
THE SOLAR ATMOSPHERE & DEPTH OF FORMATION OF MG I LINES IN
M TYPES OF ORGANOSULFUR DERIVATIES OF METAL CARBONYLS NE
PROBLEM OF THE OBLIQUE DERIVATIVE, 20 MAR 1964 & WITH THE
STUDY OF ISONITRILE DERIVATIVES OF THE IRON CARBONYL
EXPERIMENT WITH DESCRETE VORTEX APPROXIMATION, WITH
EQUIPMENT FOR DETECTING ANIMAL ULTRASOUND
USING BEAT FREQUENCY DETECTION AND FAST PHOTOGRAPHY, MAY
ARTHQUAKE AND EXPLOSION DETECTION 26 JUN 1964 & WELLS IN E
SING SIMPLE CORRELATION DETECTION, FEB 1964& COMMUNICATION U
IONOSPHERIC DISTURBANCE DETECTORS #U8 & FEBRUARY 1964 & OF
ROP ONE& CENTRE SINGLE& DETERMINANT CALCULATIONS, 1957&63& F
Y HIGH ALTITUDE NUCLEAR DETONATIONS & 26 DECEMBER 1963 & B
OF EFFECTS OF NUCLEAR DETONATIONS ON PROPAGATION OF ELECTR
OBSERVATIONS BEN ATM A DEVELOPING TORNADO AUGUST 1964
VECTORCARDIOGRAPHIC DIAGNOSIS UTILIZING ADAPTIVE PATTERN
A TECHNIQUE FOR PLASMA DIAGNOSTICS&ON OPTICAL SCATTERING AS
NT2 FOR NEUTRAL ATOMS DIAMAGNETIC NUCLEAR SHIELDING CONSTA
TO THE STEADY DIAMAGNETIC SUSCEPTIBILITY OF SMALL
DIFFRACTION PATTERNS OF DIATOMIC MOLECULES& ON THE ELECTRON
I. THE PYROLSIS OF 1,2& DIBROMO&1&CHLORO&1,2 2&TRIFLUOROETHA
ED LIQUIDS.III. SUPERHE DIELECTRIC CONSTANT OF HYDROGEN BOND
ON THE DIFFERENTIABILITY OF FUNCTIONS
OF SOLUTIONS OF A DIFFERENTIAL EQUATION IN BOUNDARY
INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS & FOR
SS OF NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS & OF A CLA
INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS & ASYMPTOTIC
S OF HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS & OF SOLUTION
THEOREMS IN PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATI
HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS IN TWO INDEPE
LEM FOR LINEAR ORDINARY DIFFERENTIAL EQUATIONS&ATYPICAL PROB
LICATIONS TO FUNCTIONAL DIFFERENTIAL EQUATIONS&SPACE AND APP
E SOLUTIONS OF ORDINARY DIFFERENTIAL SYSTEMS & BETWEEN TH
CROSS SECTIONS XLIX DIFFRACTION AND SCATTERING BY REGULA
ECULAR STRUCTURE&ELECTRON DIFFRACTION DETERMINATION OF THE MOL
CAVITIES TERMINATED BY DIFFRACTION GRATINGS, MAR 1964&LASER
ON THE ELECTRON DIFFRACTION PATTERNS OF DIATOMIC
CURRENT GAIN OF DIFFUSED BASE TRANSISTORS, 14 APR
IN LIQUIDS. SELF& DIFFUSION IN LIQUID MERCURY, 1 MAR
FOR STUDYING SELF& DIFFUSION IN LIQUIDS. SELF&DIFFUSION
DURES FOR A MULTIPLEXED DIGITAL COMPUTER & AND CONTROL PROCE
CS THROUGH THE USE OF A DIGITAL COMPUTER & JUNE 1964&ANOMALI
L PARAMETRIC AMPLIFIERS DIGITAL COMPUTER DESIGN OF THE DIPOL
TING NONEQUILIBRIUM & A DIGITAL COMPUTER PROGRAM FOR CALCULA
OF GEOMAGNETIC DATA IN DIGITAL FORM, 24 MAR 1964&COLLECTION
OF A LAYERED SYSTEM ON DILATIONAL WAVES 31 JULY 1964
ES IN SULFURIC ACID AND DILUTE OLEUM & ACID -- IODINE MIXTUR
HEAT TRANSFER TO A TWO& DIMENSIONAL BACKWARD FACING STEP
OF TWO - AND THREE - DIMENSIONAL INVISCID UNSTEADY FLOWS
THEORY OF TWO- DIMENSIONAL RADIATING GAS FLOW BY A
TRAINT ANALYSIS OF MANY DIMENSIONAL RELATIONS CONS
ETIC ENERGY&ON THE TWO& DIMENSIONAL SPECTRAL ANALYSIS OF KIN
ON RADICAL OF TETRAKIS- DIMETHYLAMINO- ETHYLENE THE CATI
USING DIMETHYLFORMAMIDE SULFUR DIOXIDE
OF THE POLYE- - DIMETHYLSILOXANE- CHAIN. I. THE
AJECTORIES WITH SOFT LA DINGS, 30 MAY 1964 MINIMUM FUEL TR
GUIDE PIXER WITH TUNNEL DIODE & JULY 1964& OF AN X&BAND WAVE
ITIONS INSB DIODES UNDER CONTROLLED SURFACE COND
PRESSURE OF CARBON DIOXIDE AND PARTIAL PRESSURE OF
IMETHYLFORMAMIDE SULFUR DIOXIDE REAGENT & USING D
IODOSYL SULFATE, IODINE DIOXIDE, AND IODIC ACID -- IODINE
ARED SPECTRUM OF CARBON DIOXIDE, ENRICHED IN OXYGEN 18 INFR
PHOSPHINE LXICES FROM DIPHENYL PHENYLPHOSPHONATE - A CONVE

AFOSR 64-1534
AFOSR 64-1406
AFOSR 64-1419
AFOSR 64-1400
AFOSR 64-1475
AFOSR 64-1670
AFOSR 64 1037
AFOSR 64-1343
AFOSR 64-1346
AFOSR 64-1547
AFOSR 64-1547
AFOSR 64-1547
AFOSR 64-1552
AFOSR 64-1710
AFCRL 64 0471
AFOSR 64-1579
AFCRL 64 0172
AFCRL 64 0620
AFCRL 64 0566
AFOSR 64-1189
AFOSR 64-1642
AFCRL 64 0510
AFOSR 64-1378
AFOSR 64-1382
AFOSR 64-1439
AFOSR 2062
ARL 64 0143
AFCRL 64 0431
AFOSR 64-1448
AFOSR 64-1534
AFCRL 64 0597
AFOSR 64-1295
AFOSR 64-1214
ORA 64 0001
AFCRL 64 0450
AFCRL 64 0660
AFOSR 64-1527
AFOSR 64 1004
ARL 64 0135
AFCRL 64 0549
AFOSR 64-1567
AFOSR 64-1527
AFOSR 64-1525
AFOSR 64-1594
AFOSR 64-1246
AFOSR 64-1325
AFCRL 64 0529
AFCRL 64 0450
AFOSR 64-1639
AFCRL 64 0556
AFCRL 64 0483
AFOSR 64-1691
AFCRL 64 0448
AFOSR 64-1167
AFOSR 64-1278
AFOSR 64-1174
AFCRL 64 0499
AFOSR 64-1535
ARL 64 0147
AFOSR 64-1517
AFOSR 64-1292
AFOSR 64-1168
AFCRL 64 0434
AFCRL 64 0177
AFCRL 64 0289
AFCRL 64 0071
ARL 64 0128
AFCRL 64 0204
AFCRL 64 0196
AFCRL 64 0632
AFOSR 64-1578
AFOSR 64 1143
AFOSR 64-1495
AFOSR 64-1215
AFOSR 64-1501
SRL 64 0004
AFOSR 64-1519
AFOSR 64-1614
AFOSR 4819
AFOSR 64-1293
AFOSR 3342
AFOSR 64-1608
AFOSR 64-1585
AFOSR 64-1591
AFOSR 64-1731
AFOSR 64-1613
AFOSR 3150
AFOSR 64-1717
AFCRL 64 0138
AFOSR 64-1537
AFCRL 64 0355
AFOSR 64-1501
AFCRL 64 0345
ARL 64 0114
ARL 64 0114
AFOSR 64-1335
AFCRL 64 0575
AFCRL 64 0447
AFOSR 64 0075
AFCRL 64 0470
AFCRL 64 0614
AFOSR 64-1529
ARL 64 0117
AFOSR 64 1055
AFOSR 64 1002
AFOSR 64-1387
AFCRL 64 0248
AFOSR 64-1511
AFOSR 1320
AFOSR 64-1492
SRL 64 0003
AFCRL 64 0547
AFOSR 64-1745
AFOSR 64-1172
AFOSR 1320
AFOSR 64-1529
AFOSR 64-1548
AFOSR 64-1510

ADENOSINE 5 PHOSPHATE EXCHANGE ACTIVITY TO AFOSR 64-1177
SKY WAVE FIELD FROM A DIPOLE IN AN ARBITRARY FLAT MIXED AFCRL 64 0509
COMPUTER DESIGN OF THE DIPOLE PARAMETRIC AMPLIFIER ANTENNA, AFCRL 64 0447
THOMAS - FERMI - DIRAC ATOMS AND FOR THE CORRESPONDIN AFOSR 64-1499
INSTRUCTION BY & SELF DIRECTED INQUIRY IN CLINICAL NURSING AFOSR 64-1359
DEALING WITH & RESEARCH DIRECTED TOWARD A FEASIBILITY STUDY AFCRL 64 0566
TOTYPE LUNAR & RESEARCH DIRECTED TOWARD DEVELOPMENT OF A PRO AFCRL 63 0765
SUITABILITY & RESEARCH DIRECTED TOWARD THE INVESTIGATION OF AFCRL 64 0240
ITUTIONS. XXV. REACTIVE DIRECTIVE EFFECTS IN ALIPHATIC SUBST AFOSR 64-1505
PTION CF TRANSESTUDY CF DIRECTIVE VLF WAVE ANTENNAS FOR RECE AFCRL 63 0371
C AFTERGLOW CF A HELIUM DISCHARGE & METASTABLE SPECIES IN TH AFOSR 64-1677
PERIODICITY IN THE CARN DISCHARGE OF RETINAL UNITS SLOW AFOSR 64-1710
BETWEEN LIGHTNING DISCHARGES AND CIFFERENT TYPES OF AFCRL 64 0408
FOR DISCRETE AND DISCONTINUOUS FUNCTIONAL EQUATIONS AFOSR 64-1718
FUNCTIONS DISCONTINUOUS GROUPS AND AUTOMORPHIC AFOSR 64-1587
INEQUALITIES FOR DISCRETE AND DISCONTINUOUS FUNCTIONA AFOSR 64-1718
RCL OF RANDOM PARAMETER DISCRETE SYSTEMS & AND CONT AFOSR 64-1334
PUTS OPTIMAL CONTROL OF DISCRETE SYSTEMS WITH CONSTRAINED IN AFOSR 64-1312
CM CF IDENTIFICATION OF DISCRETE TIME PROCESSES THE PROBL AFOSR 64-1197
PERIMENTS ON BRIGHTNESS DISCRIMINATION & I. SOME EX AFOSR 64-1383
H STRIATE CORTEXCONTOUR DISCRIMINATION IN A YOUNG MONKEY WIT AFOSR 64-1160
D STRAIN AGING IN AGCI DISLOCATION IMPURITY INTERACTIONS AN AFOSR 4472
STAL AL2O3 & AUGUST 64 DISLOCATION RELAXATION IN ALUMINUM AFOSR 64-1223
CN ABSORPTION AND DISLOCATION STRUCTURES IN SINGLE CRY AFCRL 64 0630
ION THE EFFECTS OF DISPERSION OF SOUND IN CRITICAL AFOSR 64-1467
PHORUS & NUCLEOPHILIC DISPLACED EARS CN AUDITORY LOCALIZAT AFOSR 64 0938
METHOD FOR COMPUTING DISPLACEMENT REACTIONS ON ORGANOPHOS AFOSR 64-1509
OF ATTITUCE SIMILARITY- DISSIMILARITY THICKNESS, AUG 1964 ARL 64 0119
ULAR LCCP ANTENNAS IN A DISSIMILARITY - THE EFFECT OF TOPIC AFOSR 64-1301
P ANTENNA IMPERSED IN A DISSIPATIVE MEDIUM & OF BARE CIRC AFOSR 64-1342
EXPANSION FLOWS OF DISSIPATIVE MEDIUM, 3 APR 1964 & LOO AFCRL 64 0339
TIMEOFOFLIGHT MASSION DISSOCIATED OXYGEN AND IONIZED ARGON AFOSR 64 0075
FORMED IN CHARGE EXCHA DISSOCIATION IN THE DRIFT TUBE OF A AFCRL 64 0519
S FORMED IN CHARGE & DISSOCIATION OF ETHANE MOLECULE IONS AFCRL 64 0570
III. THE FORMATION AND DISSOCIATION OF METHANE MOLECULE ION AFCRL 64 0545
CHARGE TRANSFER AND DISSOCIATION OF TRIETHYLENETETRAMINO AFOSR 64-1405
TTERING OF & INELASTIC, DISSOCIATION REACTIONS OCCURRING AFCRL 64 0519
CF THE ABSORPTION IN DISTILLED WATER, ARTIFICIAL SEA AFCRL 64 0330
RTICLES ARE REGARDED AS DISTINCTION SYSTEMS & WHEN PA AFCRL 64 0481
RODUCED ANTENNA PATTERN DISTORTION & JUNE 1964 PLASMA P AFOSR 64-1380
LD SPECTRESHIELDING AND DISTORTION OF RARE EARTH CRYSTAL FIE AFCRL 64 0511
EFFECT CF CENTRIFUGAL DISTORTION ON THE SHAPE OF THE HYDRO AFOSR 64-1253
CN IDENTICALLY DISTRIBUTED STOCHASTIC INTEGRALS AFOSR 2158
PROCESSES CN THE OZONE DISTRIBUTION & AUGUST 1964 OZONE AFOSR 64-1607
OF DROP SIZE DISTRIBUTION AND LIQUID WATER CONTEN AFCRL 64 0501
ARBITRARY TEMPERATURE DISTRIBUTION BY AN INTEGRAL METHOD, AFCRL 64 0621
MAPPING OF THE SPACE OF DISTRIBUTION FUNCTIONS ONTO A SET ARL 64 0155
UDES IN A HOMOGEECURRENT DISTRIBUTION OF HEMISPHERICAL ELECTR AFOSR 64-1606
N THE EARTHS EXOSPHETHE DISTRIBUTION OF IONS AND ELECTRONS I AFCRL 64 0536
HE CENTROID CF AN X-RAY DISTRIBUTIONS THE DETERMINATION OF T AFOSR 64-1370
TAGE POINTS CF THE CHIE DISTRIBUTION, AUG 1964&AND OF PERCEN AFOSR 64-1242
BALANCE IN THEEVOLTAGE DISTRIBUTION, IONIZATION, AND ENERGY ARL 64 0123
IIC PROCESS LIMIT DISTRIBUTIONS OF A BRANCHING STOCHAS ARL 64 0152
HORIZONTAL AND VERTICAL DISTRIBUTIONS OF ATMOSPHERIC DENSITY AFOSR 64-1721
DESIGN OF IONOSPHERIC DISTURBANCE DETECTORS MU3 & FEBRUARY AFCRL 64 0483
NCE OF EMISSIONS DURING DISTURBANCES, 1964 & 18 OCCURRE AFCRL 64 0071
I. THE MECHANISM OF THE DISULFIDE - SULFINIC ACID REACTIONEV AFCRL 64 0627
ARCUND 190 KILOMETERS & DIURNAL VARIATION OF THE ATMOSPHERE AFOSR 64-1508
PRCCESSES ACCORDING TO DOEBLINETHE GENERAL THEORY OF MARKOV AFCRL 64 0297
LMENTS AND ARBITRARY, & DOLPHETCHEBYSCHEFF ARRAYS OF MANY EL AFOSR 64-1603
HURWITZ POLYNOMIAL DOR,NANT ZERO AND EXCESS PHASE OF A AFCRL 64 0344
ETINA OF & EVIDENCE OF DOPAMINE CONTAINING NEURONS IN THE R AFOSR 64-1376
ND PHOTOLUMINESCENCE OF DOPED GAAS AND -INXGAL-X- AS & A AFOSR 64-1187
ND STUDY OF RAREEARTHE DOPED SILICON, APR 1964 & A AFOSR 64-1339
IARY TECHNICPL & ON THE DOPPLER EFFECT IN A MEDIUM SUPPLEMEN AFCRL 64 0406
VARIATIONS IN THE DOPPLER PROFILE HA IN AURORAE, 1964 AFOSR 5367
SPECTROSCOPY AND DOSIMETRY OF THE MIT REACTOR MEDICAL AFCRL 64 0626
OF THE 5200-02 A MN1&6 DOUBLET IN THE AURORA, 1964 AFCRL 64 0404
ION DISSOCIATION IN THE DRIFT TUBE OF A TIMEOFOFLIGHT MASS AFCRL 64 0624
THERMALLY DRIVEN CIRCULATIONS & AUGUST 1964 AFCRL 64 0519
FOR THE UTIAS IMPLOSION DRIVEN LAUNCHER, AUG 1964&COMBUSION AFCRL 64 0500
TER CONTREMEASUREMENT OF DROP SIZE DISTRIBUTION AND LIQUID WA ARL 64 0130
TECHNIQUE FOR DROPPING MERCURY ELECTRODES, THE AFCRL 64 0621
INISTRATION CF BLOCKING DRUGS & GANGLION RESPONSES AFTER ADM AFOSR 788
SYNTHESIS OF DUAL REFLECTOR ANTENNAS AFOSR 64-1602
F RATE OF UTTERANCE AND DURATION CF EXCERPT MARCH 1964 & O AFOSR 64-1583
AR SCHLIEREN PHOTOGLONG DURATION SPARK LIGHT SOURCE FOR STRE AFCRL 64 0155
PART 1. RANGE BLIQUIDE DYE FILTERS WITH NARROW PASSEBANDS & AFOSR 64-1672
ELECTRON TRANSFER IN DYE&SULPHYDRYL PROTEIN COMPLEX & AFCRL 63 0679
PROPERTIES OF GDFE2 AND DYF82 MAGNETIC AFCRL 64 0416
THE BEHAVIOR OF DYNAMIC ELECTRIC ARCS, OCT 1964 AFOSR 64-1514
INDEPENDENT VARIABLE DYNAMIC PROGRAMMING WITH CONTINUOUS ARL 64 0150
DENTIFICATION OF LINEAR DYNAMIC SYSTEMS I AFOSR 64-1336
ROBABILITY DENSIEON THE DYNAMICAL EQUATIONS OF CONDITIONAL P AFOSR 64-1349
STRUCTURE AND DYNAMICS OF AURORA, 1 MAR 1963631 AFOSR 64-1325
1 JULY 1964 DYNAMICS OF THE UPPER ATMOSPHERE & 3 AFCRL 64 0601
MAGNETO - FLUID DYNAMICS, FINAL REPORT, SEP 1964 AFCRL 64 0612
AND T - BUTYL - D9 CHLORIDE IN SOLVENT MIXTURES OF AFOSR 64-1647
HE EFFECTS OF DISPLACED EARS ON AUDITORY LOCALIZATION T AFOSR 64-1528
AND DISTORTION OF RARE EARTH CRYSTAL FIELD SPECTRA AFOSR 64 0938
IC FIXES CN A SPHERICAL EARTH JUNE 1964 & HYPERBOL AFOSR 64-1253
FLUX IN THE NEARE EARTH MAGNETOSPHERE FROM A PELI AFCRL 64 0461
TRANSITIONS IN RARE EARTH NIOBATES AND TANTALATES AFCRL 64 0435
FREE PERIODS OF THE EARTH OBSERVED AT EIGHT STATIONS AFOSR 64-1225
OF EU2 PLUS IN ALKALINE EARTH OXIDES & OF THE GROUND STATE AFCRL 64 0419
MAL ENERGY EARTH TO MOON TRAJECTORIES WITH MINI AFOSR 64-1204
CONFIGURATION OF FOUR EARTH&BASED TRACKING STATIONS, 15 AFOSR 64-1323
AND STUDY CF RAREE EARTH&DOPED SILICON, APR 1964 AFCRL 63 0765
M OF THE ATMOSPHERE AND EARTH, 19 MAR 1964& EMISSION SPECTRU AFCRL 64 0406
6 JUN & WATER WELLS IN EARTHQUAKE AND EXPLOSION DETECTION 2 AFCRL 64 0567
NS AND ELECTRONS IN THE EARTHS EXOSPHERE& DISTRIBUTION OF 10 AFCRL 64 0177
EFFECT AT THE OUTER EDGE OF SUNSPOT PENUMBRAS, 1964 AFOSR 64-1370
TION IN THE PRESENCE OF EDTA & AS CR -III- & EDTA BY REDUC AFCRL 64 0419
CHROMATE AS CR -III- & EDTA BY REDUCTION IN THE PRESENCE AFOSR 64-1399
CULAR INFLUENCES CN THE EEG RETI AFOSR 64-1399
IIB, APPENDICES, EFFECTI ENESS ANALYSIS, 15 APR 64 AFOSR 64-1702
DETAILS OF THE EFFERENT COCHLEAR INHIBITION IN THE ORA 64 0001
ANC FREE RADICAL EFFICIENCIES IN THE THERMAL DECOMPOS AFOSR 64-1191
FACJOINT BOUNDARY VALUE EIGENFUNCTION EXPANSIONS AND NON-SEL AFOSR 64-1534
OF BESSEL FUNCTIONS AND EIGENVALUES OF NON - SELF - ADJOINT AFOSR 64-1601
NAL REPORT EXTREMA FOR EIGENVALUES OF VIBRATING SYSTEMS, FI AFOSR 64-1733
A UNIDIRECESTOPPING BY ELASTIC COLLISIONS OF PARTICLES FROM AFOSR 64-1465
LOW TEMPERATURE ELASTIC MODULI CF ALUMINUM ARL 64 0129
S BY CL2 IN THE BOMBARC ELASTIC SCATTERING OF ALPHA PARTICLE AFOSR 64-1231
VIBRATIONS OF NONLINEAR ELASTIC STRUCTURES RANDOM AFOSR 64 1146
D ROTATINETHE EFFECT OF ELASTICITY ON THE STABILITY OF HANME AFOSR 64 0887
AL CONSTRAINTS, THE & ELASTOSTATICS PROBLEMS WITH UNILATER AFOSR 64 0991
ARL 64 0120
P 1964 ELECTRIC ARCS IN TURBULENT FLOWS, SE ARL 64 0148
THE BEHAVIOR OF DYNAMIC ELECTRIC ARCS, OCT 1964 ARL 64 0150
IDES II. AUG 1964 THE ELECTRICAL BEHAVIOR OF REFRACTORY OX ARL 64 0122
FIELD EFFECTS IN THE ELECTRICAL CONDUCTION OF THIN METALL AFOSR 64-1207
IC LAYERS AT HIGH FREQU ELECTRICAL CONDUCTION OF THIN METALL AFOSR 64-1208
PLASMA NON EQUILIBRIUM ELECTRICAL CONDUCTIVITY IN A SEEDED AFOSR 64 084.
ILLAR &THE THERMAL AND ELECTRICAL CONDUCTIVITY OF COOLING S AFCRL 64 0528
S OXYGEN VACANCIES AND ELECTRICAL CONDUCTION IN METAL OXIDE AFOSR 64-1230
E EXOSPHERE, JUL 1964 ELECTRICAL PROCESSES IN THE NIGHTTIM AFCRL 64 0552
LES AND & SYNTHESIS AND ELECTRICAL PROPERTIES OF BENZIMIDAZO AFCRL 64 0359
IQUID PARTICLES UNDER & ELECTRICAL SPRAYING OF MACROSCOPIC I AFOSR 64-1470
UNG CYLINDER ROTATING ELECTRICALLY CONDUCTING FLUID IN A L AFOSR 64-1670
PHOTOMICROGRAPHY OF ELECTRICALLY SPRAYED HEAVY PARTICLES AFOSR 64-1671
CHARGE TO PASS RATIO OF ELECTRICALLY SPRAYED LIQUID PARTICLE AFOSR 64-1678
OF CEREBRAL TISSUES, ELECTRICALLY STIMULATED IN VITRO AFOSR 64-1703
THE STABILITY OF ELECTRIFIED LIQUID SURFACES AFOSR 64-1474
LEI ELECTRO PRODUCTION OF PIONS FROM NUC AFOSR 64-1154
OF ELECTROMAGNETIC AND ELECTROACOUSTIC WAVES IN PLASMA, B AFCRL 64 0473
PHASE ZONE OF AN OXYGEN ELECTRODE & 30 JUNE 1964& THE THREEE AFCRL 64 0539
ION USING A HYDROGEN ELECTRODE. MEASUREMENTS IN 3M 2NA-C AFOSR 64-1555
PACE OF THE SOLID METAL ELECTRODES & JUNE 1964 & AT THE SUR AFCRL 64 0517
OF HEMISPHERICAL ELECTRODES IN A HOMOGENEOUS SEMISPAC AFCRL 64 0536
FOR DROPPING MERCURY ELECTRODES, THE DETERMINATION OF AFOSR 788
OF THE MECHANISM OF ELECTROLYTIC OXIDATION OF ORGANIC AFCRL 64 0517
WAVES & CN RADIATION OF ELECTROMAGNETIC AND ELECTROACOUSTIC AFCRL 64 0473
VLF, ELF AND SUB ELF ELECTROMAGNETIC EFFECTS PRODUCED BY AFCRL 64 0204
OR GAUGE FIELDS AND THE ELECTROMAGNETIC FIELD & ABELIAN VECT AFOSR 64-1152
ANSMISSION OF TRANSIENT ELECTROMAGNETIC FIELDS & AND TR AFOSR 64-1341
THEORY OF NOISE LIKE ELECTROMAGNETIC FIELDS OF ARBITRARY AFOSR 64 0804
NDING CONDUCTING SPHERE ELECTROMAGNETIC INDUCTION ON AN EXPA AFOSR 64-1363
NTATION OF THE WEAK AND ELECTROMAGNETIC LAGRANGIAN & REPRESE AFOSR 64-1151
ENTS OF SELECTED&SOOKRC ELECTROMAGNETIC NOISE PULSE MEASUREM AFCRL 64 0333
OF PARTIALLY POLARIZED ELECTROMAGNETIC RADIATION, JUN 1964 AFCRL 64 0460
BETWEEN A PLANE ELECTROMAGNETIC WAVE AND AN OSCILLAT AFCRL 64 0532
CN PROPAGATION OF ELECTROMAGNETIC WAVES. VOL I & FIRER AFCRL 64 0196
LASER ELECTROMAGNETICS & I JULY 1964 AFCRL 64 0538
NIZATION & EFFECTS CF ELECTRON SURFACE INTERACTION IN IO AFOSR 5495
THE NATURE OF THE TWO ELECTRON CHEMICAL BOND. III. NATURAL AFOSR 64-1520
THE NATURE OF THE TWO ELECTRON CHEMICAL BOND. VI. NATURAL AFOSR 64-1522
ELECTRON COLLISIONS IN NEON PLASMA AFOSR 64-1360
METHODS FOR OBTAINING ELECTRON DENSITY PROFILES FROM CAPAC AFCRL 64 0529
F THE MOLECULAR STRUCTU ELECTRON DIFFRACTION DETERMINATION O AFOSR 64-1537
OF TEMPERATURE ON THE ELECTRON DIFFRACTION PATTERNS OF AFOSR 64-1501
INVESTIGATION OF HCT ELECTRON EMITTER & JUNE 1964 AFCRL 64 0673
GASES & JULY 1964 ELECTRON IMPACT STUDIES OF MOLECULAR AFCRL 64 0669
ACE POTENTIAL OF A FREE ELECTRON METAL & ON THE SURF AFOSR 64-1220
ITE DEFECTS OBSERVED BY ELECTRON MICROSCOPY GRAPH AFOSR 64-1214
ANC OPTIC LOBES OF & ELECTRON MICROSCOPY OF OPTIC NERVES AFOSR 64-1687
CTURE CF OCTOPUS BRAIN ELECTRON MICROSCOPY OF SYNAPTIC STRU AFOSR 64-1705
ELECTRON PAIRS IN THE BERYLLIUM ATOM AFOSR 64-1521
OF MULTICENTER TWO ELECTRON REPULSION INTEGRALS INVOLVI AFOSR 64-1539
LATIVISTECALCULATION OF ELECTRON SCATTERING FACTORS I. NONRE AFOSR 64-1560
I. MOLECULETHE THEORY OF ELECTRON SCATTERING FROM MOLECULES I AFOSR 64-1497
I. THECRETHE THEORY OF ELECTRON SCATTERING FROM MOLECULES. AFOSR 64-1496
DE CAUSED BY A GYRATING ELECTRON STREAM & IN THE WHISTLER MO AFOSR 64-1376
PROTEIN & PHOTOGINDUCEL ELECTRON TRANSFER IN DYE&SULPHYDRYL AFCRL 64 0416
AND INTERMOLECULAR ELECTRON TRANSFER IN ORGANIC COMPOUN AFCRL 64 0431
PHOTOPHOSPHORYLATION TO ELECTRON TRANSPORTE THE COUPLING OF AFCRL 64 1185
N IN & PHOTOIONIZATION, ELECTRONETRAPPING AND PHOTOCONDUCTIO AFCRL 64 0238
AND THE SEPARATION OF ELECTRONIC AND NUCLEAR MOTIONS, 15 ARL 64 0134
OF SIGNALS IN ELECTRONICAL CIRCUIT STOCKHOLM, 27 AFCRL 64 0514
LCOP ANTENNAS AND ELECTRONICALLY SCANNED CIRCULAR AFCRL 64 0555
FACTORS FOR X-RAYS AND ELECTRONS & ATOMIC SCATTERING AFOSR 64-1499
FACTORS FOR X-RAYS AND ELECTRONS & CORRESPONDING SCATTERING AFOSR 64-1538
S. RADIATIVE CAPTURE OF ELECTRONS BY HALOGEN ATOMSE PROCESSE AFOSR 64-1512
ISTRIBUTION CF IONS AND ELECTRONS IN THE EARTHS EXOSPHEREE D AFOSR 64-1370
N ARGUEKINETIC STUDY OF ELECTRONS IN WEAKLY IONIZED GASES FO AFCRL 64 0444
OF THE NUMBER OF ELECTRONS INVOLVED IN POLAROGRAPHIC AFOSR 788
ANC TRANSMISSION OF ELECTRONS THROUGH SURFACE POTENTIAL AFOSR 64-1219
HY FOR PASSEANISOTROPIC ELECTRONS, 1 APR 1964 & THEO AFCRL 64 0535
FIBERS IN THE RAT - AN ELECTROPHYSIOLOGICAL STUDY&DEPRESSOR AFOSR 64-1174
IC LOBES CF OCTOPUS AND ELEDONE & OF OPTIC NERVES AND OPT AFOSR 64-1687
MANY ELEMENT LASERS, APR 1964 AFCRL 64 0604
THE DESIGN OF THRESHOLD ELEMENT NETWORKS & APPLIED TO AFOSR 64-1332
OF PION - PION AND ELEMENTARY PARTICLE SCATTERING, AFOSR 64-1727
COMPOUNDS OF GROUP IVA ELEMENTS TRIMETHYLAZIDO AFOSR 64-1561
N. PART II. TRANSITION ELEMENTS & OF FIVE - CO-ORDINATIO AFOSR 64-1531
ARRAYS OF MANY ELEMENTS AND ARBITRARY, UNIFORM AFCRL 64 0344
ART I. NON - TRANSITION ELEMENTS&OF FIVE - CO-ORDINATION. P AFOSR 64-1530
ANC BACKGROUND VLF, ELF AND SUB ELF ELECTROMAGNETIC AFCRL 64 0204
VLF, ELF AND SUB ELF ELECTROMAGNETIC EFFECTS PRODUCED AFCRL 64 0204
E III & OBSERVATIONESUB ELF GEOMAGNETIC FLUCTUATIONS & VOLUM AFCRL 64 0204
S ON THE INDEX OF ELLIPTIC OPERATORS ON CLOSED SURFACE AFOSR 64-1619
E FOR SOLAR CORPUSCULAR EMISSION & JULY 1964 RADIO EVIDENC AFCRL 64 0609
TORY METALS USING FIELD EMISSION MICROSCOPY, APR 1964&REFRAC AFCRL 64 0328
SPECTRAL EMISSION OF THE HELIUM AFTERGLOW AFOSR 64-1483
KBETA EMISSION SPECTRA OF ARGON AND KCL. I AFOSR 64-1741
ION TO 3 & THE TELLURIC EMISSION SPECTRUM IN THE RANGE 1 MIC AFCRL 64 0439
THE NEAR INFRARED, & EMISSION SPECTRUM OF NITRIC OXIDE IN AFCRL 64 0583
OF THE INFRARED EMISSION SPECTRUM OF THE ATMOSPHERE AFCRL 64 0567
&PART IB OCCURENCE OF EMISSIONS DURING DISTURBANCES, 1964 AFCRL 64 0627
ZONE&PART IA OCCULVLF& EMISSIONS OBSERVED NEAR THE AURORAL AFCRL 64 0627
ZONE&PART IIB THEGVLF& EMISSIONS OBSERVED NEAR THE AURORAL AFCRL 64 0628
ERS AND AUDICEFREQUENCY EMISSIONS, 19 AUG 1963 & OF WHISTL AFCRL 63 0772
SICAL PROPERTIES OF THE EMISSIONS, 1964 & IIB THE PHY AFCRL 64 0628
IGATION OF HCT ELECTRON EMITTER & JUNE 1964 INVEST AFCRL 64 0673
YSICS OF SINGLE CRYSTAL EMITTERS, 20 APR 1964 & AND PH AFCRL 64 0410
COOLING STELLAR PLASMA EMITTING NEUTRINOS, 10 JUN 1964 & OF AFCRL 64 0528
MICROSCOPY OF DENTAL ENAMEL WITH REFERENCE TO INCIPIENT AFOSR 64-1691
NEW NEUTRON SEPARATION ENERGIES FOR ISOTOPESBOF HG, TI, AFOSR 64 1144
AJECTORIES WITH MINIMAL ENERGY EARTH TO MOON TR AFOSR 64-1323
IONIZATION, AND ENERGY BALANCE IN THE CATHODE, SEP ARL 64 0152
OCIATED WITH SUBSIDIARY ENERGY BAND MINIMA & STATES ASS AFOSR 64-1244
OLF REACTIONS JULY &LOW ENERGY CHARGE EXCHANGE AND IONEMOLEC AFCRL 64 0525
PHENOMENA IN THERMIONIC ENERGY CONVERTERS FOR PERIOD 1 FEBRU AFCRL 64 0560
TIAL - BOUNDARY & THE ENERGY DECAY OF SOLUTIONS TO THE INI AFOSR 64-1642
ANALYSIS OF KINETIC ENERGY OVER A CIRCUMPOLAR AREA OF A AFCRL 64 0248
Y CL2 IN THE BOMBARDING ENERGY RANGE 10 TO 19 MEV & R AFOSR 64 1146
CONVERSION OF CHEMICAL ENERGY TO LIGHT, FINAL REPORT, JUN AFOSR 64-1271
, JUL &INVESTIGATION OF ENERGY TRANSFER IN A TUBE ARC HEATER ARL 64 0112
OTOFLUOROMETRIC METHODS ENERGY&TRANSFER STUDIES BY SPECTROPH ARL 64 0126
RESEARCH INTO THE ENERGY-EXCHANGE BETWEEN GASES AND AFOSR 64 1001
IB, APPENDICES, EFFECTI ENESS ANALYSIS, 15 APR 64 & I ORA 64 0001
TRUP OF CARBON DIOXICE, ENRICHED IN OXYGEN 18 INFRARED SPEC AFOSR 64-1548
STEP FROM THE HIGHE ENTHALPHY SUPERSONIC FLOW IN THE ARL 64 0117
CONVOLUTIONS ENTROPY AND SINGULARITY OF INFINITE AFOSR 64-1620
IN CONTROL CF ISOLATED ENVIRONMENTS 31 MARCH 1964 AFCRL 64 0341
OF CHEMICAL&CHEMICAL AND ENZYMATIC STUDIES ON THE CONVERSION AFOSR 64-1271

ENZYMES OF GLYCOLYSIS AFOSR 1135
A FUNDAMENTAL STUDY OF EPITAXY BY FLASH EVAPORATION, 30 AFCRL 64 0407
CITY INTERVALS OF HILLS EQUATION INSTABI AFOSR 64-1612
EM FOR THE REDUCED WAVE EQUATION A UNIQUENESS THEOR AFOSR 64-1611
IS APPLICATION TO MEONS EQUATION & INTEGRAL TRANSFORM AND I AFOSR 64 0899
HARACTERISTIC FUNCTIONAL EQUATION FOR TURBULENCE& THE HOPF CH AFOSR 64 1113
UE PROBLEM FOR THE WAVE EQUATION IN AN INHOMOGENEOUS MEDIUM AFOSR 64-1642
OF A DIFFERENTIAL EQUATION IN BOUNDARY LAYER THEORY AFOSR 4819
CT SOLUTION OF POISSONS EQUATION USING FOURIER ANALYSIS&DIRE AFOSR 64-1330
ATE SOLUTION TO THE N/D EQUATIONS APPROXIM AFOSR 64-1153
F ORDINARY DIFFERENTIAL EQUATIONS & FOR INTEGRATION O AFOSR 64-1293
ISCONTINUOUS FUNCTIONAL EQUATIONS & FOR DISCRETE AND D AFOSR 64-1718
METHOD OF PROPORTIONAL EQUATIONS & OF MIXTURES BY THE AFOSR 1549
OF ORDINARY DIFFERENCE EQUATIONS & BEHAVIOR OF SOLUTIONS AFOSR 64-1588
AR PARTIAL DIFFERENTIAL EQUATIONS & OF A CLASS OF NONLINE AFOSR 3342
S TO THE BOUNDARY LAYER EQUATIONS LINEARIZED APPROXIMATION AFOSR 64-1473
F ORDINARY DIFFERENTIAL EQUATIONS & ASYMPTOTIC INTEGRATION O AFOSR 64-1608
IC PARTIAL DIFFERENTIAL EQUATIONS & OF SOLUTIONS OF HYPERBOL AFOSR 64-1585
IN PARTIAL DIFFERENTIAL EQUATIONS AND APPLICATIONS TO IMPROP AFOSR 64-1591
III. FLIGHT&TIME SHIFT EQUATIONS FOR SPURIOUS FRAGMENT AFCRL 64 0519
PARTIAL DIFFERENTIAL EQUATIONS IN TWO INDEPENDENT VARIABL AFOSR 64-1731
DENSE&ON THE DYNAMICAL EQUATIONS OF CONDITIONAL PROBABILITY AFOSR 64-1325
A ORDINARY DIFFERENTIAL EQUATIONS&ATYPICAL PROBLEM FOR LINEA AFOSR 64-1613
FUNCTIONAL DIFFERENTIAL EQUATIONS&SPACE AND APPLICATIONS TO AFOSR 3190
PERIODICITY IN THE EQUATORIAL GEOMAGNETIC FIELD, MAY AFCRL 64 0415
AGNITUDE FUNCTIONS WITH EQUI - RIPPLE RESPONSE NOTES ON M AFOSR 64-1729
AND GERMANIUM&CHEMICAL EQUILIBRIA IN THE GERMANIUM - IODINE AFOSR 64-1252
IN A SEEDED PLASMA NON EQUILIBRIUM ELECTRICAL CONDUCTIVITY AFOSR 64 0848
ON THE STABILITY OF THE EQUILIBRIUM SOLUTIONS OF THE PLANE AFOSR 64 0861
&TACE OF SALT MEDIA FOR EQUILIBRIUM STUDIES & PURITY CO AFOSR 64-1458
CALLY &THE MATHEMATICAL EQUIVALENCE OF MULTI&LEVEL AND VERTI AFCRL 64 0524
IGURATION FROM SHELLING EQUILIBRIUM MEASUREMENTS& CHAIN CONF AFOSR 64-1494
TED HALOGENATED ETHANE DERIVATIVES, JULY 1964& AND SOME RELA SRL 64 0004
COMPARISON OF TIME ERROR PHENOMENA IN DIFFERENT SENSE AFOSR 64-1159
AND FIRST&ORDER ERROR STATISTICS FOR THREE AND FOUR& AFCRL 64 0461
S WITH BOUNDED RELATIVE ERROR&ESTIMATE THE RATIO OF VARIANCE AFOSR 64-1641
AS RELATED TO THE ERRORS IN RADIO INTERFEROMETER TRACK AFCRL 64 0587
REPTOMYCIN MUTATIONS IN ESCHERICHIA COLI & PLEIOTROPY OF ST AFOSR 64-1714
ON ORGANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS. I AFOSR 64-1509
ARALKENES, AND BENZYLIC ETHERS TOWARD PEROXY RADICALS AFOSR 64-1505
TETRAKIS-DIMETHYLAMINO- ETHYLENE THE CATION RADICAL OF AFOSR 64-1511
VI. THE EXCHANGE OF ETHYLENEDIAMINETETRAACETATE ION AFOSR 64-1408
FERROMAGNETIC EUROPIUM COMPOUNDS AFOSR 64-1205
ARENT FERROMAGNET EUROPIUM ORTHOSILICATE, A NEW TRANSP AFOSR 64-1199
SPECIFIC HEAT OF EUS AFOSR 64-1203
OF SPIN-WAVE THEORY TO EUS APPLICATION AFOSR 64-1201
IMPROVED CLOSED&SYSTEM EVAPORATION CRYSTALLIZER, MAY 1964 AFCRL 64 0418
D & MASS LOSSES THROUGH EVAPORATION FROM A COMPLETELY IONIZE AFCRL 64 0617
CONTAINING 5 AND 25&THE EVAPORATION OF IRON CHROMIUM ALLOYS AFOSR 64-1229
UDY OF EPITAXY BY FLASH EVAPORATION, 30 MAR 1964 & ST AFCRL 64 0407
OTOGRAPHY OF HIGH SPEED EVENTS & FOR STREAK SCHLIEREN PH AFOSR 64-1672
SUNSPOT PENUMBRAS,&THE EVERSHED EFFECT AT THE OUTER EDGE OF AFCRL 64 0619
CORTICAL RESPONSES EVOKED BY STIMULATING LATERAL GENICU AFOSR 64-1196
PROCEDURES AFFECTING EVOKED RESPONSES RECORDED FROM AUDIT AFOSR 64-1161
HE SEPARATION OF ELECT& EVOLUTION OF MOLECULAR SYSTEMS AND T ARL 64 0134
Y PROFILES DURING & THE EVOLUTION OF TEMPERATURE AND VELOCIT AFCRL 64 0584
TENANCE AND DURATION OF EXCERPT MARCH 1964 & OF RATE OF UT AFCRL 64 0155
Y & INTELLIGIBILITY OF EXCERPTS FROM FLUENT SPEECH AUDITOR AFCRL 64 0432
OF &INTELLIGIBILITY OF EXCERPTS FROM FLUENT SPEECH EFFECTS AFCRL 64 0155
DOMINANT ZERO AND EXCESS PHASE OF A HURWITZ POLYNOMIAL AFOSR 64-1374
IN THE PRESENCE OF EXCESS STABLE RADICALS. THE SIMULTA AFOSR 64-1534
5 PRIME DIPHOSPHATE EXCHANGE ACTIVITY TO PHOTOPHOSPHORYL AFOSR 64-1177
JULY &LOW ENERGY CHARGE EXCHANGE AND IONMOLECULE REACTIONS AFCRL 64 0525
SEARCH INTO THE ENERGY- EXCHANGE BETWEEN GASES AND SOLIDS&RE AFOSR 64 1001
IONS FORMED IN CHARGE EXCHANGE COLLISIONS WITH POSITIVE AFCRL 64 0545
IONS FORMED IN CHARGE EXCHANGE COLLISIONS WITH POSITIVE AFCRL 64 0578
N CAO AND SRC EPR OF EXCHANGE COUPLED PAIRS OF EU2 PLUS I AFOSR 64-1202
KINETICS. VI. THE EXCHANGE OF ETHYLENEDIAMINETETRAACET AFOSR 64-1408
IGAND COMPLEXES EXCHANGE REACTIONS OF MULTIDENTATE L AFOSR 64-1407
DISSOCIATIVE AND CHARGE EXCHANGE SCATTERING OF PROTONS BY AFCRL 64 0338
AND THEIR EXCHANGE WITH RADIONICKEL ION AFOSR 64-1405
COMPOUNDS ON THE EXCITABILITY AND ION CONTENT OF AFOSR 64-1711
OR AGGREGATES AND THE EXCITABILITY OF CEREBRAL TISSUES, AFOSR 64-1703
& PROCESSES IN MODELING EXCITABLE MEMBRANE USE OF GAS - IO AFOSR 64-1696
ONLINEAR BEAM TO RANDOM EXCITATION RESPONSE OF A N AFOSR 64 0886
AND KCL. II. SATELLITE EXCITATION KBETA SPECTRA OF ARGON AFOSR 64-1742
BEAM SUBJECT TO RANDOM EXCITATION & STRESSES IN A NONLINEAR AFOSR 64 1038
UGUST 1964 EXCITATION OF CHROMOSPHERIC HE I & A AFCRL 64 0498
UGUST 1964 EXCITATION OF CHROMOSPHERIC MG I & A AFCRL 64 0497
IN 89Y AND 90ZR EXCITATION OF ISOBARIC ANALOG STATES AFOSR 64 1145
GENERATION OF HARMONIC EXCITATION OF NONLINEAR CURRENTS AND AFCRL 64 0378
FOR OBSERVING SELECTIVE EXCITATION OF SPECTRA BY METASTABLE AFOSR 64-1677
FACTORS IN CEREBRAL EXCITATION, FINAL REPORT, MAY 1964 AFOSR 64-1275
SPECTRA EXCITED IN A HELIUM AFTERGLOW AFOSR 64-1476
SPECTRA EXCITED IN AN ARGON AFTERGLOW AFOSR 64-1481
ENCHING & LIFETIME OF EXCITED STATES IN SOLUTION BY THE QU ARL 64 0118
ELECTRONS IN THE EARTHS EXOSPHERE& DISTRIBUTION OF IONS AND AFOSR 64-1370
LOSSES IN THE NIGHTTIME EXOSPHERE, JUL 1964 ELECTRICAL PRO AFCRL 64 0552
AGNETIC INDUCTION ON AN EXPANDING CONDUCTING SPHERE&ELECTROM AFOSR 64-1363
HRESHOLD & ORTHOGONAL EXPANSION APPLIED TO THE DESIGN OF T AFOSR 64-1332
NONEQUILIBRIUM EXPANSION FLOWS OF DISSOCIATED OXYGE AFOSR 64 0075
IN THE CHEBYSHEV SERIES EXPANSION OF A FUNCTION AFOSR 64-1735
D OF MATCHED ASYMPTOTIC EXPANSIONS & CONE USING THE METHO AFOSR 64 1056
ARY VALUE&EIGENFUNCTION EXPANSIONS AND NON-SELFADJOINT BOUND AFOSR 64-1601
RE FUNCTIONS OF &SERIES EXPANSIONS IN TERMS OF THE TEMPERATU AFOSR 1009
WELLS IN EARTHQUAKE AND EXPLOSION DETECTION 26 JUN 1964 AFCRL 64 0177
LAME INTERACTIONS IN AN EXPLOSIVE GAS & EFFECTS OF SHOCK-F AFOSR 64-1676
L THOMAS - & ANALYTICAL EXPRESSIONS FOR POTENTIALS OF NEUTRA AFOSR 64-1499
OTENTIAL OF &ANALYTICAL EXPRESSIONS FOR THE HARTREE - FOCK P AFOSR 64-1538
DES TO WAVE PROPAGATION& EXTENSION OF THE METHOD OF NORMAL MO AFCRL 64 0526
OF THE UNPERTURBED EXTENSION. II.UNPERTURBED DIMENSIONS AFOSR 64-1492
SYSTEMS, FINAL REPORT EXTREMA FOR EIGENVALUES OF VIBRATING AFOSR 64-1445
IN THE COMPOUND EYE AT DIFFERENT LIGHT INTENSITIES AFOSR 64-1699
THE CURIOUS EYE OF COPILIA AFOSR 64-1308
OSITION IN THE COMPOUND EYE OF NOCTURNAL LEPIDOPTERA & P AFOSR 64-1713
L OF DIFFERENT PAIRS OF EYES IN ASTRONOMICAL ORIENTATION&ROL AFOSR 64-1701
AND PHYSIOLOGY OF THE EYES OF A LYCOSID SPIDER. II. THE AFOSR 64-1701
EP 1964 MULTIAXIAL FAILURE OF VISCOELASTIC MATERIALS, S ARL 64 0144
PHERIC DENSITY, TEMPER& FALLING SPHERE MEASUREMENTS OF ATMOS AFCRL 64 0554
E SYSTEMS THAT GENERATE FAMILIES STURM LIOUVILL AFOSR 64-1322
COMMON SECANTS FOR FAMILIES OF POLYHEDRA AFOSR 2698
TUM THEORY OF INTERBAND FARADAY AND VOIGT EFFECTS QUAN AFOSR 64-1226
A STUDY OF NEW FARMERS IN ISRAEL AFOSR 64-1158
DIRECT OBSERVATIONS OF FATIGUE INDUCED DEFORMATION FAULTING AFOSR 64 1004
INDUCED DEFORMATION FAULTING IN THIN FOIL STAINLESS AFOSR 64 1004
MAGNETIC PROPERTIES OF FCC SINGLE CRYSTAL COBALT FILMS, AFCRL 64 0420
F GENERAL MULTIVARIABLE FEEDBACK SYSTEMS THE SENSITIVITY O AFOSR 64-1568
ON A PAPER OF A. FELDZAMEN AFOSR 2699
OF NEUTRAL THOMAS - FERMI - DIRAC ATOMS AND FOR THE AFOSR 64-1497
DUCTOR INTERFACES FERMI LEVEL POSITION AT METAL SEMICO AFOSR 64-1351
BAND STRUCTURE AND FERMI SURFACE OF BERYLLIUM AFOSR 64-1221
INVESTIGATION OF THE FERMI SURFACE OF MAGNESIUM AFOSR 64-1236
A MAGNETOCRYSTALLINE & FERRIMAGNETIC RESONANCE RELATIONS FO AFCRL 64 0072
HE OVERHAUSER EFFECT IN FERRO- AND ANTIFERROMAGNETS & OF T AFOSRTN59 193
OD FOR DETERMINATION OF FERROCYANIDE & AND SIMPLE METH AFOSR 64-1184
IC GENERATION IN KH2PO4 FERROELECTRICS & OF OPTICAL HARMON AFOSR 64-1344
CATE, A NEW TRANSPARENT FERROMAGNET EUROPIUM ORTHOSILI AFOSR 64-1199
AND GD157 IN THE CUBIC FERROMAGNET GDN & RESONANCE OF GD155 AFOSR 64-1200
FERROMAGNETIC EUROPIUM COMPOUNDS AFOSR 64-1205
- WAVE SPECTRUM IN THIN FERROMAGNETIC FILMS & ON THE SPIN AFOSR 64-1216
IN WAVE PINNING IN SOME FERROMAGNETIC FILMS MECHANISM OF SP AFOSR 64-1247
TIES OF BARNACLE MUSCLE FIBER MEMBRANE PROPER AFOSR 64-1707
UNDLES WITH HOMOGENEOUS FIBER - GERMAN -&SECTIONS IN FIBER B AFOSR 64-1630
OF ANALYTIC SECTIONS IN FIBER BUNDLES WITH HOMOGENEOUS FIBER AFOSR 64-1630
TERNS OF AUDITORY NERVE FIBERS A MODEL FOR FIRING PAT AFOSR 64-1367
LOGICAL&AORTIC DEPRESSOR FIBERS IN THE RAT - AN ELECTROPHYSIO AFOSR 64-1174
AND THE ELECTROMAGNETIC FIELD & ABELIAN VECTOR GAUGE FIELDS AFOSR 64-1152
OF THE REACTION FIELD ADJACENT TO THE SURFACE OF A AFOSR 64-1666
CROSSED FIELD CHARGED PARTICLE DELAY LINES AFOSR 64-1353
IMETRIC STUDY OF VISUAL FIELD DEFECTS IN MONKEYS A PER AFOSR 64-1295
COGNITIVE STRUCTURING, FIELD DEPENDENCE - INDEPENDENCE, AFOSR 64-1304
UCTION OF THIN&TIME AND FIELD EFFECTS IN THE ELECTRICAL COND AFOSR 64-1207
OF THE FAR& FIELD EFFECTS OF A ROCKET IN THE AFCRL 64 0490
REFRACTORY METALS USING FIELD EMISSION MICROSCOPY, APR 1964 AFCRL 64 0328
THEOREM OF THE SKY WAVE FIELD FROM A DIPOLE IN AN ARBITRARY AFCRL 64 0509
AND VISCOUS FLOW FIELD IN SUPERSONIC CASCADE, SEP ARL 64 0146
O-KEV HELIUM ATOMS IN A FIELD ION MICROSCOPE&TUNGSTEN WITH 2 AFOSR 64-1212
CTORS CROSS FIELD MAGNETOABSORPTION IN SEMICONDU AFOSR 64-1198
MONY PARALLEL FIELD MAGNETOACOUSTIC EFFECT IN ANTI AFOSR 64-1222
FOR VECTOR MAGNETIC FIELD MEASUREMENTS FROM A JAVELIN AFCRL 64 0322
LCTROSC&RESEARCH IN THE FIELD OF HIGH RESOLUTION INFRARED SP AFCRL 64 0324
N OF RARE EARTH CRYSTAL FIELD SPECTRA & AND DISTORTIO AFOSR 64-1253
OF EU2 PLUS & THE CUBIC FIELD SPLITTING OF THE GROUND STATE AFOSR 64-1204
1 APR 1964 FIELD STRENGTH METER FOR VLF WAVES, AFCRL 64 0479
ITH AN ALIGNED MAGNETIC FIELD, JUL 1964 & CONDUCTING GAS W ARL 64 0113
EQUATORIAL GEOMAGNETIC FIELD, MAY 1964 & PERIODICITY IN THE AFCRL 64 0415
ANSIENT ELECTROMAGNETIC FIELDS & AND TRANSMISSION OF TR AFOSR 64-1341
ON ABELIAN VECTOR GAUGE FIELDS AND THE ELECTROMAGNETIC FIELD AFOSR 64-1152
TENNAS IN & RADIATION FIELDS ASSOCIATED WITH SHORT&WAVE AN AFCRL 64 0457
TIME DEPENDENT VELOCITY FIELDS IN LOW SPEED WATER FLOWS, AFOSR 64-1278
LIKE ELECTROMAGNETIC FIELDS OF ARBITRARY SPECTRAL WIDTH AFOSR 64 0804
MEASUREMENT OF NOISE FIGURE OF AN X&BAND WAVEGUIDE MIXER AFCRL 64 0547
LIQUID FILM HYGROMETRY & MAY 1964 AFCRL 64 0493
LOWER ATMOSPHERE AND A FILM READER SYSTEM AND ANALOG STATIS AFCRL 64 0147
CHARACTERISTICS OF THIN FILM SANDWICHES & CURRENT - VOLTAGE AFOSR 64-1564
M IN THIN FERROMAGNETIC FILMS & ON THE SPIN - WAVE SPECTRU AFOSR 64-1216
G IN SOME FERROMAGNETIC FILMS MECHANISM OF SPIN WAVE PINNIN AFOSR 64-1247
C SINGLE CRYSTAL COBALT FILMS, APR 1964 & PROPERTIES OF FC AFCRL 64 0420
DISTURBANC&AN ADAPTIVE FILTER FOR THE DESIGN OF IONOSPHERIC AFCRL 64 0071
SEQUENCES AND RECURSIVE FILTERING WIDE SENSE MARKOFF AFOSR 64-1375
OF LINEAR AND NONLINEAR FILTERS A STUDY OF THE PERFORMANCE AFOSR 64-1362
I 1. RANGE & LIQUID&DYE FILTERS WITH NARROW PASS&BANDS & PAR AFCRL 63 0679
UTEIN SEPARATION BY GEL FILTRATION HALIDE AND PR AFOSR 64-1706
M OF HARDY - BOHR - & FINITE SECTIONALIZATION AND A THEORE AFOSR 64-1719
LIPSCHITZ CONDITION IN FINITE TIME STABILITY AND IN THE AFOSR 64-1354
WAVES. VOL I & FIREBALL AND GAMMA RAY BLACKOUT, 31 AFCRL 64 0196
BERS A MODEL FOR FIRING PATTERNS OF AUDITORY NERVE FI AFOSR 64-1367
METHOD FOR THE FITTING OF NONLINEAR FUNCTIONS BY AFOSR 64-1498
RANSMISSION AT OBLIQUE& FIXED AND VARIABLE FREQUENCY PULSE T AFCRL 64 0392
FOUR&STATION HYPERBOLIC FIXES ON A SPHERICAL EARTH JUNE 1964 AFCRL 64 0461
EFFECTS OF SHOCK- FLAME INTERACTIONS IN AN EXPLOSIVE AFOSR 64-1676
AXI-SYMMETRIC TURBULENT FLAME PROPAGATION IN HYDROGEN -AIR AFOSR 64-1472
PERTURBATIONS, SOLAR FLARES, AND GEOMAGNETIC STORMS&CORRE AFCRL 64 0455
STUDY OF EPITAXY BY FLASH EVAPORATION, 30 MAR 1964 AFCRL 64 0407
STUDIES IN FLASH PHOTOLYSIS.III. PHOTOLYSIS OF AFOSR 64-1410
BSERVATIONS OF THE ANNA FLASHING SATELLITE & JUNE 1964 & O AFCRL 64 0446
27 JAN & THE MAXIMALLY& FLAT DELAY FUNCTION OF LARGE ORDER, AFCRL 64 0381
DIPOLE IN AN ARBITRARY FLAT MIXED LAND&SEA AREA, MAR 1964&A AFCRL 64 0509
CONDITIONS FOR FLATNESS IN GENERAL RELATIVITY AFOSR 64-1156
TUBE OF A TIME&OF& FLIGHT MASS SPECTROMETER III. AFCRL 64 0519
SPECTROMETER III. FLIGHT&TIME SHIFT EQUATIONS FOR AFCRL 64 0519
OF MULTIPLE SPIN FLIP PROCESSES TO PRODUCE TRANSITION AFCRL 64 0243
OF THE SPIN& FLOPPING RELAXATION TIME IN CU CL 2 AFCRL 64 0456
MENSIONAL RADIATING GAS FLOW BY A MOMENT METHOD & OF TWO-DI AFOSR 64 1002
OF INVISCID AND VISCOUS FLOW FIELD IN SUPERSONIC CASCADE, ARL 64 0146
RY INJECTION SEPARATED FLOW IN CURVED CHANNELS WITH SECONDA AFOSR 64 0860
GH&ENTHALPHY SUPERSONIC FLOW IN THE SHOCK TUBE, FEB 1964& HI ARL 64 0117
SIMILARITY RULES OF THE FLOW OF A PERFECTLY CONDUCTING GAS ARL 64 0113
VALID SOLUTION FOR THE FLOW OVER AN ICLINED CONE USING THE AFOSR 64 1056
SELECTIVE EXCITATION&A FLOW SYSTEM AND BURNER FOR OBSERVING AFOSR 64-1677
INVISCID UNSTEADY FLOWS BY THE METHOD OF CHARACTERISTI AFOSR 64 1055
EXPANSION FLOWS OF DISSOCIATED OXYGEN AND AFOSR 64 0075
ELDS IN LOW SPEED WATER FLOWS, FINAL REPORT, FEB 1964 & FI AFOSR 64-1278
ED VISCOUS AND REACTING FLOWS, FINAL REPORT, JUL 1964 & SPE AFOSR 64-1616
CTRIC ARCS IN TURBULENT FLOWS, SEP 1964 ELE ARL 64 0148
ON RECOMBINATION AND FLUCTUATION THEORY IN SEMICONDUCTORS AFCRL 64 0564
& DEFINITION AND HOURLY FLUCTUATIONS & AUGUST 1964&TROPOPAUS AFCRL 64 0660
SUB ELF GEOMAGNETIC FLUCTUATIONS & VOLUME III & OBSERVAT AFCRL 64 0204
OF EXCERPTS FROM FLUENT SPEECH AUDITORY VS. STRUCTUR AFCRL 64 0432
OF EXCERPTS FROM FLUENT SPEECH EFFECTS OF RATE OF AFCRL 64 0155
MACROSCOPIC MAGNETO - FLUID DYNAMICS, FINAL REPORT, SEP AFOSR 64-1647
ELECTRICALLY CONDUCTING FLUID IN A LONG CYLINDER ROTATING AFOSR 64-1670
A STRAINED VISCOELASTIC FLUID UNDER STEADY STATE ROTARY AFOSR 1148
KINETIC THEORY OF DENSE FLUIDS & ANGLE DEFLECTIONS IN THE AFOSR 64-1527
CONVECTION IN ROTATING FLUIDS AND ON ROTATING BAROTROPIC AFCRL 64 0546
KINETIC THEORY OF DENSE FLUIDS. XVI. THE IDEAL IONIC MELT AFOSR 64-1525
KINETIC THEORY OF DENSE FLUIDS. XV. SOME COMMENTS ON THE AFOSR 64-1594
SOTOPICALLY SUBSTITUTED FLUIDS, FINAL REPORT, JAN 1964& OF I AFOSR 64-1417
ON ROTATING BAROTROPIC FLUIDS, JUL 1962&ROTATING FLUIDS AND AFCRL 64 0546
QUENCHING OF MOLECULAR FLUORESCENCE BY OXYGEN AND BIACETYL ARL 64 0121
ANOMALOUS ANTISTOKES FLUORESCENCE OF ANILENE, JUL 1964 ARL 64 0154
S IN CRYSTALS FLUORESCENCE OF TRANSITION METAL ION AFOSR 64-1368
ED SPECTRUM OF HYDROGEN FLUORIDE, AUG 1963&OF THE FAR INFRAR AFCRL 63 0863
E PYROLSIS&PYROLYSIS OF FLUORINATED ORGANIC COMPOUNDS. I. TH SRL 64 0004
THE COSMIC RAY NEUTRON FLUX AT 45 DEGREE GEOMAGNETIC LATITU AFCRL 64 0487
THE CHARGED PARTICLE FLUX IN THE NEAR&EARTH MAGNETOSPHERE AFCRL 64 0435
TYPE MODEL & PREDICTED FLUXES AND LINE INTENSITIES IN LATE AFOSR 64-1397
OF TURBULENT FLUXES IN THE LOWER ATMOSPHERE AND AFCRL 64 0147
O ATOM&CALIBRATION OF A FLYABLE MASS SPECTROMETER FOR N AND AFCRL 64 0462
PHASE CONTROL SYSTEM TO FM SIGNALS AND NOISE & AN AUTOMATIC AFOSR 4502
O STABILIZAT&THE USE OF FOAMED PROPELLANTS FOR COMPACTION AN AFCRL 64 0622
R, PART I, & TRANSVERSE FOCAL REGION OF A SPHERICAL REFLECTO AFCRL 64 0292
FOR THE HARTREE - FOCK POTENTIAL OF NEUTRAL ATOMS AND AFOSR 64-1538
FAULTING IN THIN FOIL STAINLESS STEEL, FINAL REPORT, AFOSR 64 1004
THE AETIOLOGY OF FOOD REWARD IN MONKEYS AFOSR 64-1299
INSTRUCTION, & THE AIR FORCE&OAR CONTRIBUTION TO PROGRAMMED OAR 64 0010

INTEGRATED NUMERICAL FORECASTING MODELS & JULY 1964 AFCRL 64 0524
CM IN OBJECTIVE WEATHER FORECASTING, 1 JUL 1961& 31 DEC 1963 AFCRL 64 0600
REDIATION AND FORGETTING AFOSR 64-1162
. PART II A FORMAL THEORY OF INDUCTIVE INFERENCE AFOSR 64-1388
THEORY OF THE RETICULAR FORMATION & APRIL 1964 TOWARDS A AFCRL 64 0463
KINETICS. III. THE FORMATION AND DISSOCIATION OF TRIETH AFOSR 64-1405
EVALUATION OF THE FORMATION CONSTANTS OF AQUO - COPPER AFOSR 64-1519
DETERMINATION OF THE FORMATION CONSTANTS OF GEO2 -UM-2 AFOSR 64-1555
ATMOSPHERE & DEPTH OF FORMATION OF MG I LINES IN THE SOLAR AFCRL 64 0499
DIUM SESQUIOXIDE & THE FORMATION OF PASSIVATING INTERNAL IN ARL 64 0158
CR HALOPERIDOL ON FORMATION OF 3- METHOXYTYRAMINE AND AFOSR 64-1169
ON BRAIN STEM RETICULAR FORMATION, FINAL REPORT, JUL 1964 AFOSR 64-1651
HE BRAIN STEM RETICULAR FORMATION, FINAL REPORT, JUN 1963& T AFOSR 64-1270
RESOLVEAT OPERATOR FORMULATION OF STATIONARY STATE AFOSR 64-1466
OF DEALYL-COENZYME A TO FORMYL COENZYME A & DECARBOXYLATION AFOSR 64-1189
THE FOUNDATIONS OF NETWORK THEORY AFOSR 64-1732
POISSONS EQUATION USING FOURIER ANALYSISEDIRECT SOLUTION OF AFOSR 64-1330
OF RECOIL - FREE FRACTIONS IN STUDIES OF THE MOSSBAUER AFOSR 64-1747
IOACTIVITY IN SPUTNIK 4 FRAGMENT & JULY 1964 RAD AFCRL 64 0553
EQUATIONS FOR SPURIOUS FRAGMENT PEAKS ARISING FROM CHARGE AFCRL 64 0519
MANS INTELGA CONCEPTUAL FRAMEWORK FOR THE - AUGMENTATION OF AFOSR 3223
IBITION IN THE PIGEON W FRENCH & & THE EFFERENT COCHLEAR INH AFOSR 64-1191
IIC EFFECT AT MICROWAVE FREQUENCIES & OF THE LINEAR OP AFOSR 64-1345
METALLIC LAYERS AT HIGH FREQUENCIES DOWN TO LIQUID HELIUM AFOSR 64-1208
URES AT MILLIMETERWAVE FREQUENCIES JULY 1964 & SKY TEMPERAT AFCRL 64 0590
INVERSIONS AT ARBITRARY FREQUENCIES, 16 MAR 1964 & AND AFCRL 64 0243
LUNAR HISTORY, & CRATER FREQUENCY AND THE INTERPRETATION OF AFCRL 64 0429
ON &OBSERVATIONS OF THE FREQUENCY DEPENDENCE OF POLARIZAG TI AFCRL 64 0442
HURY LASERS USING BEAT FREQUENCY DETECTION AND FAST PHOTOGR AFCRL 64 0434
OF WHISTLERS AND AUDIO FREQUENCY EMISSIONS, 19 AUG 1963 AFCRL 63 0772
EXTRATERRESTRIAL LONG FREQUENCY NOISE IN SPACE VEHICLES, AFCRL 64 0357
CN THE VIBRATION FREQUENCY OF THE CARBONYL AND NITRIL AFOSR 64-1344
BLIGUE LONGRANGE HIGHE FREQUENCY PROBING & JUNE 1964 & BY O AFCRL 64 0455
QUE SPIRED AND VARIABLE FREQUENCY PULSE TRANSMISSION AT OBLI AFCRL 64 0392
STIMULATED VERY LOW FREQUENCY RADIATION FROM THE IONOSPH AFOSR 64-1369
O JUN 1964 POLAR HIGH FREQUENCY RADIO PROPAGATION STUDY, 3 AFCRL 64 0369
VIRTUAL HEIGHT OF LOW FREQUENCY RADIO WAVES 20 JULY 1964 AFCRL 64 0611
DRENERGIC NERVES IN THE FROGSLOCALIZATION OF ADRENALINE IN A AFOSR 64-1173
FOLLOWING LATERAL FRONTAL LESIONS IN RHESUS MONKEYS AFOSR 64-1298
, 30 MAY 1964 MINIMUM FUEL TRAJECTORIES WITH SOFT LA DINGS SRL 64 0003
V SERIES EXPANSION OF A FUNCTION & IN THE CHEBYSHE AFOSR 64-1735
AND SUBCORTICAL FUNCTION IN UNRESTRAINED ANIMALS. AFOSR 64-1439
IN HAMSTERS FUNCTION OF A LIGHT RESPONSE RHYTHM AFOSR 64-1692
EATED REFLEGA THE GREEN FUNCTION OF A REGION OBTAINED BY REP AFOSR 64-1615
SIPILARGATTRACTION AS A FUNCTION OF ATTITUDE SIMILARITY- DIS AFOSR 64-1301
CLYCRYSTALLINE YIG AS A FUNCTION OF DENSITY & SPECTRUM OF P AFOSR 64-1246
ORT TERM RETENTION AS A FUNCTION OF ITEM VALUE SH AFOSR 64-1302
HE PARIPALLYSPLAT DELAY FUNCTION OF LARGE ORDER, 27 JAN 1964 AFCRL 64 0381
ORT TERM RETENTION AS A FUNCTION OF RECALL POINT CODING SH AFOSR 64-1163
GENERAL AMPLIFICATION FUNCTION OF THE VERTICAL LOBE IN AFOSR 64-1683
THE INCOMPLETE GAMMAS FUNCTION RATIO AND OF PERCENTAGE ARL 64 0123
OCHLEAR INHIBITION IN & FUNCTIONAL DETAILS OF THE EFFERENT C AFOSR 64-1191
ACE AND APPLICATIONS TO FUNCTIONAL DIFFERENTIAL EQUATIONSESP AFOSR 3150
THE HOPF CHARACTERISTIC FUNCTIONAL EQUATION FOR TURBULENCE AFOSR 64 1113
CRETE AND DISCONTINUOUS FUNCTIONAL EQUATIONS & FOR DIS AFOSR 64-1710
HE DIFFERENTIABILITY OF FUNCTIONS ON T AFOSR 64-1614
TY SUMS FOR HOMOGENEOUS FUNCTIONS SENSITIVE AFOSR 64-1314
THAT COMPUTE WITH FULL FUNCTIONS ON FUNCTIONS AFOSR 64-1624
GROUPS AND AUTOMORPHIC FUNCTIONS DISCONTINUOUS AFOSR 64-1587
MIXED PAIR CORRELATION FUNCTIONS & CALCULATION OF AFOSR 64-1526
I OF BOUNDED CONTINUOUS FUNCTIONS & FUNCTIONS ONTO A SE AFOSR 64-1606
ONTINUOUS VECTOR VALUED FUNCTIONS & THEOREMS FOR STRONGLY C AFOSR 64-1734
ELF - EZEROES OF BESSEL FUNCTIONS AND EIGENVALUES OF NON - S AFOSR 64-1733
HE FITTING OF NONLINEAR FUNCTIONS BY LEAST SQUARES & FOR T AFOSR 64-1498
THE APPROXIMATION OF LP FUNCTIONS BY TRIGONOMETRIC POLYNOMIA AFOSR 3327
CN PHYSIOLOGICAL FUNCTIONS FINAL REPORT, JUN 1964 AFOSR 64-1272
RCLE, & THE GEOMETRY OF FUNCTIONS HOLOMORPHIC IN THE UNIT CI AFOSR 64-1586
AS LIMITS OF RATIONAL FUNCTIONS OF BEST APPROXIMATION AFOSR 64-1621
TABLES OF BESSEL FUNCTIONS OF IMAGINARY ORDER AFOSR 64 1058
L INTEGRALS SUBLINEAR FUNCTIONS OF MEASURES AND VARIATIONA AFOSR 64-1320
ERMS OF THE TEMPERATURE FUNCTIONS OF POINTSKY AND POWELL & T AFOSR 3009
THEORY OF HOLOMORPHIC FUNCTIONS ON HOMOGENEOUS COMPLEX AFOSR 64-1631
SPACE OF DISTRIBUTION FUNCTIONS ONTO A SET OF BOUNDED AFOSR 64-1606
CTIONS CN FUNCTIONS THAT COMPUTE WITH FULL FUN AFOSR 64-1624
L NOTES ON MAGNITUDE FUNCTIONS WITH EQUI - RIPPLE RESPONS AFOSR 64-1729
NOTES ON ALL - POLE FUNCTIONS WITH WEIGHTED PASSBAND AFOSR 64-1730
GRALS INVOLVING SLATER FUNCTIONS&TWO ELECTRON REPULSION INT AFOSR 64-1539
PHENOMENA FOR LOGICAL FUNCTIONS, FINAL REPORT, FEB 1964 AFOSR 64-1379
SPHERICAL AND MATHIEU FUNCTIONS, FINAL REPORT, JUN 1964&OF AFOSR 64-1274
H, WITHOUT & HOLOMORPHIC FUNCTIONS, OF ARBITRARILY SLOW GROWT AFOSR 3260
PROBABILITY DENSITY FUNCTIONS, WITH APPLICATIONS TO AFOSR 64-1325
SHORTCIRCUIT CURRENT GAIN OF DIFFUSED BASE TRANSISTORS, AFCRL 64 0345
SPECTROPHOTOPETRY OF GALACTIC NEBULAE ORION NEBULA II, 1 AFCRL 63 0730
A RAMAN STUDY OF GALLIUM BROMIDE SOLUTIONS AFOSR 64-1402
CTORS GALVANOMAGNETIC EFFECTS IN SEMICONDU AFOSR 64-1249
FERMI SURFACE OF MAGNE GALVANOMAGNETIC INVESTIGATION OF THE AFOSR 64-1236
A PLAYER AND TWO PERSON GAME BEHAVIOR & STRATEGY OF THE OTHE AFOSR 64-1157
PERFORMANCE PEASURE FOR GAME PLAYING PROGRAMS A AFOSR 64-1557
VOL I & FIREBALL AND GAMMA RAY BLACKOUT, 31 MAR 1964 VOL AFCRL 64 0196
OF THE INCOMPLETE GAMMA&FUNCTION RATIO AND OF PERCENTA ARL 64 0123
OF NEOSTIGMINE UPON GANGLION RESPONSES AFTER ADMINISTRAT AFOSR 64-1682
SYMPATHETIC NERVESEPOST GANGLIONIC CHOLINERGIC MEDIATION OF AFOSR 64-1649
ACTIONS IN AN EXPLOSIVE GAS & EFFECTS OF SHOCK-FLAME INTER AFOSR 64-1676
TABLE MEMBRANE USE OF GAS - ION PROCESSES IN MODELING EXCI AFOSR 64-1696
AERODYNAMICS WITH REAL GAS EFFECTS, FINAL REPORT JUN 1964 AFOSR 64 1138
O-DIMENSIONAL RADIATING GAS FLOW BY A MOMENT METHOD & OF TW AFOSR 64 1002
RARE GAS ION REACTIONS WITH AMMONIA AFOSR 64-1542
CHARACTERISTICS OF GAS LIQUIDESPRAY SYSTEMS, SEP 1964 ARL 64 0136
GASES FOR ARGON OR GAS MIXTURE ARGONHYDROGEN, ARGONECO AFCRL 64 0444
ETRACHLORIDE AND MASS & GAS PHASE REACTIONS BETWEEN CARBON T AFOSR 64-1543
A PERFECTLY CONDUCTING GAS WITH AN ALIGNED MAGNETIC FIELD, ARL 64 0113
OF SOME AROMATIC HYDROG GAS-SOLID ADSORPTION CHROMATOGRAPHY AFOSR 64-1415
A LORENTZTYPE HYDROGEN GAS, 1964& CONDUCTIVITY TENSORS FOR AFCRL 64 0615
FULLY IONIZED HYDROGEN GAS, 1964&CONDUCTIVITY TENSORS FOR A AFCRL 64 0616
TERACTIONS IN AN EXPLOG GASDYNAMIC EFFECTS OF SHOCK-FLAME IN AFOSR 64-1676
OF M-OUT-OF-N DECISION GATE2&OF SWITCHING NETWORKS COMPOSED AFOSR 64-1378
NON ABELIAN VECTOR GAUGE FIELDS AND THE ELECTROMAGNETIC AFOSR 64-1152
TERACTION IN IONIZATION GAUGES & OF ELECTRON - SURFACE IN AFOSR 5495
MAGNETIC PROPERTIES OF GDFE2 AND DYFE2 AFOSR 64-1514
N THE CUBIC FERROMAGNET GDN & RESONANCE OF GD155 AND GD157 I AFOSR 64-1200
MAGNETIC RESONANCE OF GD155 AND GD157 IN THE CUBIC FERROMA AFOSR .64-1200
RESONANCE OF GD155 AND GD157 IN THE CUBIC FERROMAGNET GDN AFOSR 64-1200
D PROTEIN SEPARATION BY GEL FILTRATION HALIDE AN AFOSR 64-1706
LIOUVILLE SYSTEMS THAT GENERATE FAMILIES STURM AFOSR 64-1322
NCE OF OPTICAL HARMONIC GENERATION IN KH2PO4 FERROELECTRICS AFOSR 64-1344
NONLINEAR CURRENTS AND GENERATION OF HARMONIC WAVES IN AN AFCRL 64 0378
VES BY NONLINEAR COUPLE GENERATION OF LONGITUDINAL PLASMA WA AFCRL 64 0533
CN AMPLIFICATION AND GENERATION OF SIGNALS IN ELECTRONICA AFCRL 64 0514
DATA ON THE CONTROL OF GENETIC REPLICATION IN TEMPERATE AFOSR 64-1180
BY STIMULATING LATERAL GENICULATE BODY AND OPTIC RADIATIONS AFOSR 64-1196
AND THE SIMPLICITY OF GEODESICS ON CERTAIN POLYHEDRA AFOSR 64-1639
METHODS OF PHYSICAL GEODESY & JUNE 1964 A REVIEW ON AFCRL 64 0566
THEORY & JUNE 1964 THE GEODETIC APPLICATIONS OF SATELLITES AFCRL 64 0566
US OPTICAL OBSERVATIONS GEODETIC POSITIONING FROM SIMULTANEO AFCRL 64 0562
REAL TIME AND DAYLIGHT GEODETIC STELLAR CAMERAS STUDY, & AFCRL 64 0172
AUTOMATIC COLLECTION OF GEOMAGNE DATA IN DIGITAL FORM, AFCRL 64 0470
ICITY IN THE EQUATORIAL GEOMAGNET C FIELD, MAY 1964 & PERIOD AFCRL 64 0419
I & OBSERVATIONSSUB ELF GEOMAGNETIC FLUCTUATIONS & VOLUME II AFCRL 64 0204
UTRON FLUX AT 45 DEGREE GEOMAGNETIC LATITUDE, 11 MAY 1964&ENE AFCRL 64 0487
SOLAR FLARES, AND GEOMAGNETIC STORMSECORRELATIONS AFCRL 64 0455
ICS OF PARTIALLY POLARA GEOMETRIC STUDY OF COHERENCE PROPERT AFCRL 64 0460
STICS FOR THREE AND & GEOMETRY AND FIRSTORDER ERROR STATI AFCRL 64 0461
THE UNIT CIRCLE, & THE GEOMETRY OF FUNCTIONS HOLOMORPHIC IN AFOSR 64-1586
FORMATION CONSTANTS OF GEO2 -UM-2 ION USING A HYDROGEN AFOSR 64-1555
SEUDOCONVEX MANIFOLDS - GERMAN - A NOTE ON P AFOSR 64-1629
OUS COMPLEX MANIFOLDS - GERMAN - & FUNCTIONS ON HOMOGENE AFOSR 64-1631
Y REPEATED REFLEXIONS - GERMAN - & OF A REGION OBTAINED P AFOSR 64-1615
EORIES OF HARDY - BOHR - GERMAN - & SECTIONALIZATION AND A TH AFOSR 64-1719
ITH HOMOGENEOUS FIBER - GERMAN -&SECTIONS IN FIBER BUNDLES W AFOSR 64-1630
BETA TITANIUM ALLOYS W GERMAN & & OF TERNARY AFOSR 64-1233
METALS AND ITS ALLOYS W GERMAN & & OF THE NOBLE AFOSR 64-1217
IRASONIC ATTENUATION IN GERMANIUM & DEPENDENCE OF THE UL AFOSR 64-1237
GERMANIUM - IODINE AND GERMANIUM - BROMINE SYSTEMS BY WEIGH AFOSR 64-1252
EQUILIBRIA IN THE GERMANIUM - IODINE AND GERMANIUM - AFOSR 64-1252
HYTHMIC POTENTIALS FROM GIANT NEURONS & OF OXYGEN ON R AFOSR 64-1172
EFFECTIVE MASSES FROM GIANT QUANTUM OSCILLATIONS IN ULTRAS AFOSR 64-1254
OF TAL /IP17 AND GJ /3P17/ IN ZINC AND THE HFS OF AFOSR 64-1580
AND PHOTOCONDUCTION IN GLASSES, 2 APR 1964 AFCRL 64 0298
OF SUITABILITY OF THE GLOTRAC TYPE G TRANSPORDER FOR USE AFCRL 64 0240
LOGICAL TECHNIQUES FOR GLOTTAL SOURCE MEASUREMENTS AUGUST AFCRL 64 0661
ENZYMES OF GLYCOLYSIS AFOSR 1135
GRAIN BOUNDARY CONDUCTANCE IN INSB AFOSR 64-1743
YSTALS, APR 1964 GRAINBOUNDARY MIGRATION IN LIF BICR ARL 64 0133
EFFECTS OF SEMANTIC AND GRAMMATICAL CONTEXT ON THE PRODUCTIO AFCRL 64 0474
MECHANISM IN THE AMINE GRANULES OF THE ADRENAL MEDULLA AFOSR 64-1167
ES BY ADRENAL MEDULLARY GRANULES&THE UPTAKE OF ARYLALKYLAMIN AFOSR 64-1186
N MICROSCOPY GRAPHITE DEFECTS OBSERVED BY ELECTRO AFOSR 64-1214
APPLICATIONS OF LINEAR GRAPHS SOME AFOSR 64-1560
APPLICATIONS OF UNISTOR GRAPHS PRINCIPLES AND AFOSR 64-1563
RMINATED BY DIFFRACTION GRATINGS, MAR 1964&LASER CAVITIES TO AFCRL 64 0355
VACUUM ULTRAVIOLET GRATINGS, 30 APR 1964 AFCRL 64 0398
DUE TO ZONAL GRAVITATIONAL HARMONICS & JUNE 1964 AFCRL 64 0566
OF POINT AND MEAN GRAVITY ANOMALIES THROUGH THE USE AFCRL 64 0575
WITH THE INTEGRATION OF GRAVITY DATA & JUNE 1964 METHODS AFCRL 64 0566
CN GRAVITY REDUCTIONS & JUNE 1964 AFCRL 64 0576
HODS OF MEASURING LUNAR GRAVITY, APR 1964 & OF SPECIFIC MET AFCRL 64 0363
BY REPEATED REFLEXN THE GREEN FUNCTION OF A REGION OBTAINED AFOSR 64-1615
ANOPHOSPHORUS ESTERS BY GRIGNARD REAGENTS. I & ON ORG AFOSR 64-1509
PROFILES NEAR THE GROUND IN STABLE STRATIFICATION & AFCRL 64 0401
FIELD SPLITTING OF THE GROUND STATE OF EU2 PLUS IN ALKALINE AFOSR 64-1204
ECULE IRN GROUND STATE OF THE HEM POSITIVE MOL AFOSR 64-1524
MAGNETIC TRANSLATION GROUP AFOSR 64-1740
ETHYLAZION COMPOUNDS OF GROUP IVA ELEMENTS TRIM AFOSR 64-1541
MODEL FOR INTRA- GROUP NEGOTIATION, FINAL REPORT, AFOSR 64-1440
ADERS AND NON LEADERS GROUP SUPPORT AND THE BEHAVIOR OF LE AFOSR 64-1166
NS MAGNETIC TRANSLATION GROUP. II. IRREDUCIBLE REPRESENTATIO AFOSR 64-1739
DISCONTINUOUS GROUPS AND AUTOMORPHIC FUNCTIONS AFOSR 64-1587
ENT AND REVIVAL SUNSPOT GROUPS, 1964&VARIATIONS OF INTERMITT AFCRL 64 0618
TE IN THE VAPOR-SOLVENT GROWTH SYSTEM ZNS-I & TRANSPORT RA AFOSR 64-1251
OF ARBITRARILY SLOW GROWTH, WHICH TEND TO INFINITY ON A AFOSR 64-1586
OF ARBITRARILY SLOW GROWTH, WITHOUT RADIAL LIMITS AFOSR 3260
ISTLER MODE CAUSED BY A GYRATING ELECTRON STREAM & IN THE WH AFOSR 64-1376
NTERACTION WITH BOUNDED GYROELECTRIC PLASMAS MICROWAVE I AFOSR 64 0803
TIPE IN CU CI 2 POINT 2 H 2 O, JAN 1964 & RELAXATION AFCRL 64 0456
IN THE DOPPLER PROFILE HA IN AURORAE, 1964 & VARIATIONS AFCRL 64 0626
FORMS CONTAINING SPONGY HAIL AUGUST 1964 & REFLECTIVITY OF S AFCRL 64 0631
OF THE A - MATRIX OF HALF - DEGENERATE RLC NETWORKS AFOSR 64-1567
FILTRATION HALICE AND PROTEIN SEPARATION BY GEL AFOSR 64-1706
ES OF THE IRON CARBONYL HALIDES & OF ISONITRILE DERIVATIV AFOSR 64-1517
STRUCTURE OF THE BUTYL HALIDES. V. THE STRUCTURE AND AFOSR 64-1537
CAPTURE OF ELECTRONS BY HALOGEN ATOMS& PROCESSES. RADIATIVE AFOSR 64-1512
AND SOME RELATED HALOGENATED ETHANE DERIVATIVES, SRL 64 0004
TOMATEC KETONES AND & HALOGENATED WITH COPPER -II-. I. SA AFOSR 64-1401
OF CHLORPROMAZINE OR HALOPERIDOL ON FORMATION OF 3- METHO AFOSR 64-1169
COMPOUNDS & ACTIONS OF HALOPERIDOL, MEPERIDINE, AND RELATED AFOSR 64-1711
IGHT RESPONSE RHYTHM IN HAMSTERS FUNCTION OF A L AFOSR 64-1692
LOGNITION OF CONNECTED HANDWRITTEN WORDS & ON COMPUTER R AFOSR 64-1575
E DEFLECTIONS & ROLE OF HARD CORE COLLISIONS WITH LARGE ANGL AFOSR 64-1527
ZATION AND A THEOREM OF HARDY - BOHR - GERMAN - & SECTIONALI AFOSR 64-1719
DEPENDENCE OF OPTICAL HARMONIC GENERATION IN KH2PO4 FERROE AFOSR 64-1344
AND GENERATION OF HARMONIC WAVES IN AN ISOTROPIC PLASM AFCRL 64 0378
N A SERIES OF SPHERICAL HARMONICS & APRIL 1964 & I AFCRL 64 0573
TO ZONAL GRAVITATIONAL HARMONICS & JUNE 1964 ON THE ACCURA AFCRL 64 0566
ACCURACY OF SPHERICAL HARMONICS AND ORBITAL PREDICTIONS AFCRL 64 0566
EXPRESSIONS FOR THE HARTREE - FOCK POTENTIAL OF NEUTRAL AFOSR 64-1558
ACES CN HAUSDORFF MEASURES IN TOPOLOGICAL SP AFOSR 64-1626
CORRELATION OF INDEXING HEADINGS AND TITLE WORDS IN THREE AFOSR 64-1389
NAL REPORT, JUN 1962 HEAT CAPACITY LAG IN HEAVY GASES, FI AFOSR 2766
APLACE TRANSFORM AND TO HEAT CONDUCTION & RELATED TO THE L AFOSR 1122
MATION IN THE THEORY OF HEAT CONDUCTION& THE APPELL TRANSFOR AFOSR 64-1622
SPECIFIC HEAT OF EUS AFOSR 64-1203
LAMINAR BOUNDARY LAYER HEAT TRANSFER CHARACTERISTICS OF ARL 64 0136
ACKWARD FACING &LAMINAR HEAT TRANSFER TO A TWODIMENSIONAL B ARL 64 0117
GATION OF TWOCOMPONENT HEAT TRANSFER, JUL 1964 & INVESTI ARL 64 0116
TRANSFER IN A TUBE ARC HEATER, JUL 1964 & OF ENERGY ARL 64 0112
RESPONSE TO UPPERLEVEL HEATING & JULY 1964&THE ATMOSPHERIC AFCRL 64 0551
ICLES PLASMA HEATING BY INJECTION OF CHARGED PART AFOSR 64 1142
HEAT CAPACITY LAG IN HEAVY GASES, FINAL REPORT, JUN 1962 AFOSR 2766
OF ELECTRICALLY SPRAYED HEAVY PARTICLES PHOTOMICROGRAPHY AFOSR 64-1671
SEA WATER, AND HEAVY WATER IN THE VISIBLE REGION AFCRL 64 0481
AL ORBITAL ANALYSIS FOR HEM POSITIVE & BOND. VI. NATUR AFOSR 64-1522
GROUND STATE OF THE HEM POSITIVE MOLECULE ION AFOSR 64-1524
COEFFICIENT AND VIRTUAL HEIGHT OF LOW FREQUENCY RADIO WAVES AFCRL 64 0611
AND DENSITY SCALE HEIGHTS DEFINING ATMOSPHERIC MODELS, AFCRL 64 0450
HELIUM AFTERFLOW.I.ATOMIC SPECTRUM AFOSR 64-1482
SPECTRA EXCITED IN A HELIUM AFTERGLOW AFOSR 64-1476
PECTRAL EMISSION OF THE HELIUM AFTERGLOW S AFOSR 64-1483
MOLECULAR SPECTRUM IN A HELIUM AFTERGLOW THE AFOSR 64-1674
TRUM HELIUM AFTERGLOW. II. MOLECULAR SPEC AFOSR 64-1677
OF TUNGSTEN WITH 20-KEV HELIUM ATOMS IN A FIELD ION MICROSCO AFOSR 64-1212
S IN THE AFTERGLOW OF A HELIUM DISCHARGE & METASTABLE SPECIE AFOSR 64-1677
QUENCIES DOWN TO LIQUID HELIUM TEMPERATURES & AT HIGH FRE AFOSR 64-1208
CURRENT DISTRIBUTION OF HEMISPHERICAL ELECTRODES IN A HYDROGE AFCRL 64 0536
DROCARBONS AND NITROGEN HETEROCYCL S ON ALUMINAS AROMATIC HY AFOSR 64-1415
OF BENZIMIDAZOLES AND HETEROCYCLIC QUINONOID COMPOUNDS, AFCRL 64 0359
AND ITS APPLICATION TO HEUNS EQUATION & INTEGRAL TRANSFORM AFOSR 64 0899

AL CHELATE COMPOUNDS OF	HEXAFLUOROACETYLACETONE, 1963&OF MET	ARL 64 0127
SICS ON & THE NUMBER OF	HEXAGONS AND THE SIMPLICITY OF GEODE	AFOSR 64-1635
UP LIFETIME AND	HFS OF THE -5S5P- 1P1 STATE OF CADMI	AFOSR 64-1371
3 /3P1/ IN ZINC AND THE	HFS OF ZN65 AND ZN67&TAU /1P1/ AND G	AFOSR 64-1580
REDETERMINATION OF THE	HFS OF ZN67 AND TAU/3P1/ OF ZINC	AFOSR 64-1579
L CRYSTAL STRUCTURES OF	HGCL2. 2-C6H5-3ASO TH	AFOSR 64-1553
ERS OF A CONTRACTION IN	HILBERT SPACE POW	AFOSR 64-1636
NSTABILITY INTERVALS OF	HILLS EQUATION I	AFOSR 64-1612
CH3I, NH3 AND H2O	HINDERED ROTATION IN H2O2, INFRARED	AFCRL 64 0668
SLOW GROWTH, WITHOUT &	HOLOMORPHIC FUNCTIONS, OF ARBITRARILY	AFOSR 3260
TO THE THEORY OF	HOLOMORPHIC FUNCTIONS ON HOMOGENEOUS	AFOSR 64-1631
GEOMETRY OF FUNCTIONS	HOLOMORPHIC IN THE UNIT CIRCLE, OF	AFOSR 64-1586
PHYSIOLOGICAL ASPECTS OF	HOMEOSTASIS NEUROP	AFOSR 64-1170
LVIENT PREPARATION OF L	HOMOCYSTINE FROM L METHIONINE&A CONV	AFOSR 64-1190
FUNCTIONS ON	HOMOGENEOUS COMPLEX MANIFOLDS -	AFOSR 64-1631
S IN FIBER BUNDLES WITH	HOMOGENEOUS FIBER - GERMAN -&SECTION	AFOSR 64-1630
SENSITIVITY SUMS FOR	HOMOGENEOUS FUNCTIONS	AFOSR 64-1314
TWO STATE MECHANISM FOR	HOMOGENEOUS IONIC POLYMERIZATION	AFOSR 64-1546
ELECTRODES IN A	HOMOGENEOUS SEMISPACE, 15 MAY 1964	AFCRL 64 0536
H - ALGEBRAS	HOMOMORPHISMS OF NON COMMUTATIVE STA	AFOSR 64-1610
GENERAL SOLUTION OF THE	HOPF CHARACTERISTIC FUNCTIONAL EQUAT	AFOSR 64 1113
S OF ATMOSPHERIC DENSIT&	HORIZONTAL AND VERTICAL DISTRIBUTION	AFCRL 64 0483
OF LUTEINIZING	HORMONE RELEASING FACTOR FROM BEEF	AFOSR 64-1708
INVESTIGATION OF	HOT ELECTRON EMITTER & JUNE 1964	AFCRL 64 0673
A BRIEF SYNOPSIS OF THE	HOUSE RESEARCH, SEP 1964	ARL 64 0159
SUPERCONDUCTING	HUME - ROTHERY PHASE	AFOSR 64-1218
D AND EXCESS PHASE OF A	HURWITZ POLYNOMIAL DOMINANT ZER	AFOSR 64-1374
SYNTHESIS THROUGH	HYBRID MATRICES & 18 AUGUST 1964	AFCRL 64 0560
ID REARRANGEMENT OF THE	HYDRAZOBENZENES & AND PRODUCTS OF AC	AFOSR 64-1554
ON STUDY OF THE LITHIUM	HYDRIDE MOLECULE & INTERACTI	AFOSR 64-1523
OF SOME FIRST ROW	HYDRIDES FROM ONE& CENTRE SINGLE&DET	ARL 64 0128
OF SOME AROMATIC	HYDROCARBONS AND NITROGEN HETEROCYCL	AFOSR 64-1415
MOLECULES II. MOLECULAR	HYDROGEN & ELECTRON SCATTERING FROM	AFOSR 64-1497
FLAME PROPAGATION IN	HYDROGEN -AIR MIXTURES AT SUPERSONIC	AFOSR 64-1472
PROCESSES INVOLVING	HYDROGEN AT THE SURFACE OF THE SOLID	AFCRL 64 0517
SCATTERING FACTOR OF A	HYDROGEN ATOM IN A HYDROGEN MOLECULE	AFOSR 64-1500
DIELECTRIC CONSTANT OF	HYDROGEN BONDED LIQUIDS,III. SUPERME	AFOSR 64-1519
PART 2, CARBONE	HYDROGEN BONDS IN CH,X AND CH, XY	AFCRL 64 0486
TERMINATION OF & USE OF	HYDROGEN BUBBLES FOR QUANTITATIVE DE	AFOSR 64-1278
GEO2 -OH-2 ION USING A	HYDROGEN ELECTRODE. MEASUREMENTS	AFOSR 64-1555
AR INFRARED SPECTRUM OF	HYDROGEN FLUORIDE, AUG 1963&OF THE F	AFCRL 63 0863
SORS FOR A LORENTZ&TYPE	HYDROGEN GAS, 1964& CONDUCTIVITY TEN	AFCRL 64 0615
ORS FOR A FULLY IONIZED	HYDROGEN GAS, 1964&CONDUCTIVITY TENS	AFCRL 64 0616
OF A HYDROGEN ATOM IN A	HYDROGEN MOLECULE&SCATTERING FACTOR	AFOSR 64-1500
ON THE SHAPE OF THE	HYDROGEN SULFIDE FUNDAMENTAL INFRARE	AFOSR 2159
N OR GAS MIXTURE ARGONE	HYDROGEN, ARGON&CO, SPRING 1964&ARGO	AFCRL 64 0444
ES CATALYTIC	HYDROGENATION OF SOME NAPHTHYL ALKEN	AFOSR 64-1413
STUDY OF COMPRESSIONAL	HYDROMAGNETIC WAVES EXPERIMENTAL	AFOSR 64-1372
IV. COPPER -II- AND N-	HYDROXYETHYLETHYLENEDIAMINETRIACETAT	AFOSR 64-1404
LIQUID FILM	HYGROMETRY & MAY 1964	AFCRL 64 0493
THREE AND FOUR&STATION	HYPERBOLIC FIXES ON A SPHERICAL	AFCRL 64 0461
ANSFER BETWEEN COPLANAR	HYPERBOLIC ORBITS & LOW THRUST TR	AFOSR 64 1140
LARGE OF SOLUTIONS OF	HYPERBOLIC PARTIAL DIFFERENTIAL	AFOSR 64-1585
PROBLEM FOR LINEAR	HYPERBOLIC PARTIAL DIFFERENTIAL	AFOSR 64-1731
NITROGEN OXIDES. SODIUM	HYPONITRITE - POTASSIUM NITRITE,	AFOSR 64-1469
EASING FACTOR FROM BEEF	HYPOTHALAMUS&LUTEINIZING HORMONE REL	AFOSR 64-1708
A TEST OF THE MEDIATION	HYPOTHESIS & AND POWERLESSNESS -	AFOSR 64-1300
FOR THE FLOW OVER AN	ICLINED CONE USING THE METHOD OF	AFOSR 64 1056
ENSE FLUIDS. XVI. THE	IDEAL IONIC MELT&KINETIC THEORY OF D	AFOSR 64-1525
INVESTIGATION OF	IGNITION AND AXI-SYMMETRIC TURBULENT	AFOSR 64-1472
PELLANTS, FINAL REPORT&	IGNITION AND COMBUSTION OF SOLID PRO	AFOSR 64-1665
IGNITION STUDIES,	IGNITION OF THE REACTION FIELD ADJAC	AFOSR 64-1666
ACTION&SOLID PROPELLANT	IGNITION STUDIES, IGNITION OF THE RE	AFOSR 64-1666
ODE TO	ILLITERACY	AFOSR 64-1318
OF BESSEL FUNCTIONS OF	IMAGINARY ORDER TABLES	AFOSR 64 1058
SLOTTED&SPHERE ANTENNA	IMMERSED IN A COMPRESSIBLE PLASMA &	AFCRL 64 0472
CIRCULAR LOOP ANTENNA	IMMERSED IN A DISSIPATIVE MEDIUM, 3	AFCRL 64 0339
JULY 1964 ELECTRON	IMPACT STUDIES OF MOLECULAR GASES &	AFCRL 64 0669
TANCE PRODUCED BY POINT	IMPERFECTIONS IN CRYSTALS & RESIS	AFOSR 64-1235
ALLOW&EFFECT OF INITIAL	IMPERFECTIONS ON THE STABILITY OF SH	AFOSR 64-1627
RANSMITTING ANTENNA THE	IMPERFECTLY CONDUCTING CYLINDRICAL F	AFOSR 64-1343
COMBUSTION FOR THE UTIAS	IMPLOSION DRIVEN LAUNCHER, AUG 1964	ARL 64 0130
ONS AND APPLICATIONS TO	IMPROPERLY POSED PROBLEMS & EQUATI	AFOSR 64-1591
	IMPULSE RESPONSE STABILITY CRITERIA	AFOSR 64-1722
NG IN AGC1 DISLOCATION	IMPURITY INTERACTIONS AND STRAIN AGI	AFOSR 4472
IDIARY ENERGY BAND &	IMPURITY STATES ASSOCIATED WITH SUBS	AFOSR 64-1244
AT OBLIQUE IONOSPHERIC	INCIDENCE, 5 DEC 1963 & TRANSMISSION	AFCRL 64 0392
NAPEL WITH REFERENCE TO	INCIPIENT CARIOUS LESIONS & DENTAL E	AFOSR 64-1691
LIVIA / DURING THE PRE	INCUBATION PHASE OF THE BREEDING	AFOSRTN60 253
FIELD DEPENDENCE -	INDEPENDENCE, AND THE PSYCHOPHYSIOLO	AFOSR 64-1304
TY OF PEER JUDGMENTS IN	INDEPENDENT SITUATIONS & THE STABILI	AFOSR 64-1484
MAPPING WITH CONTINUOUS	INDEPENDENT VARIABLE DYNAMIC PROG	AFOSR 64-1336
ENTIAL EQUATIONS IN TWO	INDEPENDENT VARIABLES&PARTIAL DIFFER	AFOSR 64-1731
D SURFACES ON THE	INDEX OF ELLIPTIC OPERATORS ON CLOSE	AFOSR 64-1619
THREE & CORRELATION OF	INDEXING HEADINGS AND TITLE WORDS IN	AFOSR 64-1389
WORDS IN THREE MEDICAL	INDEXING SYSTEMS& HEADINGS AND TITLE	AFOSR 64-1399
NT STATUS OF SCIENCE IN	INDIA, NOV 1963 & PROGRESS AND PRESE	AFCRL 63 0902
IOXIDE BANDS IN SILVER&	INDIUM ALLOYS, MAY 1964&INDIUM SESQU	ARL 64 0158
OF PASSIVATING INTERNAL	INDIUM SESQUIOXIDE BANDS IN SILVER&I	ARL 64 0158
OF AQUEOUS SOLUTIONS OF	INDIUM SULFATE, NITRATE, AND PERCHLO	AFOSR 64-1403
SPHERE ELECTROMAGNETIC	INDUCTION ON AN EXPANDING CONDUCTING	AFOSR 64-1363
A FORMAL THEORY OF	INDUCTIVE INFERENCE. PART II	AFOSR 64-1388
ALPHA PARTICLES FROM &	INELASTIC SCATTERING OF 6-TO 19-MEV	AFOSR 64 1147
EXCHANGE SCATTERING OF &	INELASTIC, DISSOCIATIVE AND CHARGE E	AFCRL 64 0338
TINUOUS & FUNDAMENTAL	INEQUALITIES FOR DISCRETE AND DISCON	AFOSR 64-1718
E CALCULUS OF VARIESOPE	INEQUALITY CONSTRAINT PROBLEMS IN TH	AFOSR 64-1347
ON AN	INEQUALITY OF P. R. BEESACK	AFOSR 64-1632
CHARGE CARRIER	INERTIA IN SEMICONDUCTORS	AFOSR 64-1746
MAL THEORY OF INDUCTIVE	INFERENCE. PART II A FOR	AFOSR 64-1388
ROPY AND SINGULARITY OF	INFINITE CONVOLUTIONS ENT	AFOSR 64-1620
GROWTH, WHICH TEND TO	INFINITY ON A SEQUENCE OF CURVES	AFOSR 64-1586
A SHORT TERM STORAGE OF	INFORMATION IN VISION NOTE O	AFOSR 64-1574
LIXUS VISUAL	INFORMATION PROCESSING IN THE BEETLE	AFOSR 64-1697
NNICE & JUNE 1964	INFRARED ABSORPTION OF MAGNESIUM STA	AFCRL 64 0477
ROTATION IN H2O2,	INFRARED ABSORPTION OF MATRIX ISOLAT	AFCRL 64 0668
GEN SULFIDE FUNDAMENTAL	INFRARED BANDS & SHAPE OF THE HYDRO	AFOSR 2158
A VERY HIGH TEMPERATURE	INFRARED CELL FOR PURE LIQUIDS OR	AFOSR 3424
INVESTIGATION OF THE	INFRARED EMISSION SPECTRUM OF THE	AFCRL 64 0567
ICS, JUN 1963	INFRARED SPECTRA OF ASTRONOMICAL BOD	AFCRL 64 0367
, C2HD, AND C2D2	INFRARED SPECTRA OF CRYSTALLINE C2H2	AFOSR 64-1547
ICS IN A LARGE RANGE&FAR	INFRARED SPECTRA OF CRYSTALS AND SOL	AFCRL 64 0489
MPOUNDS OF HEXAFLUOROA&	INFRARED SPECTRA OF METAL CHELATE CO	ARL 64 0127
ND SILYLACETYLENE-D3	INFRARED SPECTRA OF SILYLACETYLENE A	AFOSR 64-1416
ITRILE DERIVATIVES OF &	INFRARED SPECTROSCOPIC STUDY OF ISON	AFOSR 64-1517
IELD OF HIGH RESOLUTION	INFRARED SPECTROSCOPY, 15 MAR 1964&F	AFCRL 64 0324
ENRICHED IN OXYGEN 18	INFRARED SPECTRUM OF CARBON DIOXIDE,	AFOSR 64-1540
EXAMINATION OF THE FAR	INFRARED SPECTRUM OF HYDROGEN FLUORI	AFCRL 63 0863
ABSORPTION LINES IN THE	INFRARED SPECTRUM, MAY 1964 & OF	AFCRL 64 0629

C4, CH3F, CH3I, NH3 &	INFRARED STUDIES STARK EFFECTS IN H	AFCRL 64 0668
M INTRODUCTORY REPORT&THE	INFRARED TELLURIC ABSORPTION SPECTRU	AFCRL 64 0484
ITRIC OXIDE IN THE NEAR	INFRARED, MAY 1964 & SPECTRUM OF N	AFCRL 64 0583
& EFFECTS MAINLY IN THE	INFRARED, 31 MAY 1964&AND ATMOSPHERI	AFCRL 64 0569
F THE EFFERENT COCHLEAR	INHIBITION IN THE PIGEON - FRENCH -	AFOSR 64-1191
EP, &NEUROPHYSIOLOGICAL	INHIBITORY SYSTEMS ACTIVE DURING SLE	AFOSR 64-1307
SITIONS OF FREE RADICAL	INITIATORS & IN THE THERMAL DECOMPO	AFOSR 64-1534
DARY LAYER WITH UNIFORM	INJECTION THE LAMINAR BOUN	AFOSR 64-1395
CHANNELS WITH SECONDARY	INJECTION SEPARATED FLOW IN CURVED	AFOSR 64 0860
PLASMA HEATING BY	INJECTION OF CHARGED PARTICLES	AFOSR 64 1142
YSTEMS WITH CONSTRAINED	INPUTS&OPTIMAL CONTROL OF DISCRETE S	AFOSR 64-1312
ION BY & SELF DIRECTED	INQUIRY IN CLINICAL NURSING INSTRUCT	AFOSR 64-1359
MODELS AND THE	INSECT BRAIN	AFOSR 64-1698
SED BY A GYRATING&PLASMA	INSTABILITY IN THE WHISTLER MODE CAU	AFOSR 64-1376
ION	INSTABILITY INTERVALS OF HILLS EQUAT	AFOSR 64-1612
PLOTTING OF SPIN&WAVE	INSTABILITY THRESHOLD DATA AUGUST	AFCRL 64 0639
PROPELLANT COMBUSTION	INSTABILITY, FINAL REPORT, 30 APR	AFOSR 4693
D IN CONJUNCTION WITH &	INSTALLATION OF FACILITIES TO BE USE	AFCRL 64 0657
IN CLINICAL NURSING	INSTRUCTION BY MEANS OF THE PLATO	AFOSR 64-1359
TRIBUTION TO PROGRAMMED	INSTRUCTION, AUG 1964& FORCE&OAR CON	OAR 64 0010
VE JUDGEMENTS.&RESPONSE	INSTRUCTIONS AND THE SPEED OF RELATI	AFOSR 64-1383
CORTEX IN CLASSICAL AND	INSTRUMENTAL CONDITIONED REFLEXES,	AFOSR 64-1441
OF TURBUL&FAST RESPONSE	INSTRUMENTATION FOR THE MEASUREMENT	AFCRL 64 0147
TURE DISTRIBUTION BY AN	INTEGRAL METHOD, 1964 & TEMPERA	ARL 64 0155
ON TO & THE COMBINATORY	INTEGRAL TRANSFORM AND ITS APPLICATI	AFOSR 64 0899
DISTRIBUTED STOCHASTIC	INTEGRALS ON IDENTICALLY	AFOSR 64-1607
EASURES AND VARIATIONAL	INTEGRALS SUBLINEAR FUNCTIONS OF M	AFOSR 64-1320
OF THE&ON THE SINGULAR	INTEGRALS CONNECTED WITH THE PROBLEM	ARL 64 0147
THE ELECTRON REPULSION	INTEGRALS INVOLVING SLATER FUNCTIONS	AFOSR 64-1539
A NOTE ON CERTAIN	INTEGRALS, MAR 1964	ARL 64 0156
	INTEGRATED LOGIC NETS & 31 JULY 1964	AFCRL 64 0649
AND VERTICALLY	INTEGRATED NUMERICAL FORECASTING	AFCRL 64 0524
STUDY DEALING WITH THE	INTEGRATION OF GRAVITY DATA & JUNE	AFCRL 64 0566
POLYNOMIALS FOR	INTEGRATION OF ORDINARY DIFFERENTIAL	AFOSR 64-1293
EQUATION THE ASYMPTOTIC	INTEGRATION OF ORDINARY DIFFERENTIAL	AFOSR 64-1608
- AUGMENTATION OF MANS	INTELLECT & FRAMEWORK FOR THE	AFOSR 3223
ENT SPEECH EFFECTS OF&	INTELLIGIBILITY OF EXCERPTS FROM FLU	AFCRL 64 0155
ENT SPEECH AUDITORY &	INTELLIGIBILITY OF EXCERPTS FROM FLU	AFCRL 64 0432
EYE AT DIFFERENT LIGHT	INTENSITIES & IN THE COMPOUND	AFOSR 64-1699
FLUXES AND LINE	INTENSITIES IN LATE TYPE MODEL ATMOS	AFOSR 64-1397
AMPLITUDE RADIO WAVE	INTERACTION AT UNIVERSITY PARK,	AFCRL 64 0451
TREATMENT OF THE	INTERACTION BETWEEN A PLANE ELECTROM	AFCRL 64 0532
OF ELECTRON - SURFACE	INTERACTION IN IONIZATION GAUGES	AFOSR 5495
AVIOR &A NEW SYSTEMATIC	INTERACTION OBSERVATION SYSTEM - BEH	AFOSR 64-1485
S WITH A PLASMA, JUL &	INTERACTION OF FAST CHARGED PARTICLE	ARL 64 0111
IDE MOLE&CONFIGURATION	INTERACTION STUDY OF THE LITHIUM HYD	AFOSR 64-1523
& PLASMAS MICROWAVE	INTERACTION WITH BOUNDED GYROELECTRI	AFOSR 64 0803
DER EFFECT OF VORTICITY	INTERACTIONS INCLUDING THE SECOND OR	AFOSR 64-1720
I DISLOCATION IMPURITY	INTERACTIONS AND STRAIN AGING IN AGC	AFOSR 4472
EFFECTS OF SHOCK-FLAME	INTERACTIONS IN AN EXPLOSIVE GAS	AFOSR 64-1676
OLECULAR BEAM - SURFACE	INTERACTIONS, FINAL REPORT, SEP 64&M	AFOSR 64-1661
QUANTUM THEORY OF	INTERBAND FARADAY AND VOIGT EFFECTS	AFOSR 64-1226
AT METAL SEMICONDUCTOR	INTERFACES FERMI LEVEL POSITION	AFOSR 64-1351
IN THE VISUAL SYSTEM &	INTERFERENCE IN LEARNING AND LESIONS	AFOSR 64-1712
TO THE ERRORS IN RADIO	INTERFEROMETER TRACKING SYSTEMS 15	AFCRL 64 0587
5200-02 A UNIAX DOUBLE&	INTERFEROMETRIC MEASUREMENTS OF THE	AFCRL 64 0624
TRY, FINAL & REACTIVE	INTERMEDIATES IN CYCLOPROPANE CHEMIS	AFOSR 64-1419
OF INTRAMOLECULAR AND	INTERMOLECULAR ELECTRON TRANSFER IN	AFCRL 64 0431
OF PASSIVATING	INTERNAL INDIUM SESQUIOXIDE BANDS	ARL 64 0158
OF SURFACE AND	INTERNAL WAVES, FINAL REPORT, JUN	AFOSR 64-1662
LOY OF THE OTHER PLAYE&	INTERNATIONALISM ISOLATIONISM, STRAT	AFOSR 64-1257
FREQUENCY AND THE	INTERPRETATION OF LUNAR HISTORY,	AFCRL 64 0425
CTS OF A ROCKET IN & AN	INTERPRETATION OF THE FAR&FIELD EFFE	AFCRL 64 0490
INSTABILITY	INTERVALS OF HILLS EQUATION	AFOSR 64-1612
I,&PREDICTIVE MODEL FOR	INTRA-GROUP NEGOTIATION, FINAL REPOR	AFOSR 64-1440
OF THE MECHANISMS OF	INTRAMOLECULAR AND INTERMOLECULAR	AFCRL 64 0431
OF DIFFUSED & ON THE	INTRINSIC SHORT&CIRCUIT CURRENT GAIN	AFCRL 64 0345
MATRICES WITH POSITIVE	INVERSE ON	AFOSR 64-1736
OF A NOCTURNAL	INVERSION AND A LOW&LEVEL JET JULY	AFCRL 64 0584
THE LAPLACE TRANSFO&THE	INVERSION OF A TRANSFORM RELATED TO	AFOSR 1122
PRODUCE TRANSITIONS AND	INVERSIONS AT ARBITRARY FREQUENCIES,	AFCRL 64 0243
NUMERICAL ANALYSIS OF	INVISCID AND VISCOUS FLOW FIELD IN	ARL 64 0146
AND THREE - DIMENSIONAL	INVISCID UNSTEADY FLOWS BY THE METHO	AFOSR 64 1055
NCE OF DOPED GAAS AND -	INXGA1-X- AS & AND PHOTOLUMINESCE	AFOSR 64-1339
IODINE DIOXIDE, AND	IODIC ACID -- IODINE MIXTURES IN	AFOSR 64-1529
ERCURATION CATALYZED BY	IODIDE ION SOLVOLYTIC DEOXYM	AFOSR 64-1502
STRENGTHS FOR CADMIUM	IODIDE LAMBDA 3261 AND SILVER IODIDE	ARL 64 0157
LAMBDA 3261 AND SILVER	IODIDE LAMBDA&LAMBDA 3281 AND 3303,	ARL 64 0157
ACTION OF VINYLMERCURIC	IODIDE WITH NONHALOGEN ACID THE RE	AFOSR 64-1412
IN THE GERMANIUM -	IODINE AND GERMANIUM - BROMINE SYSTE	AFOSR 64-1252
OF IODOSYL SULFATE,	IODINE DIOXIDE, AND IODIC ACID --	AFOSR 64-1529
AND IODIC ACID --	IODINE MIXTURES IN SULFURIC ACID	AFOSR 64-1529
	IODINE OXIDE PENTAFLUORIDE	AFOSR 64-1532
TUDY OF THE REACTION OF	IODINE WITH ACTIVE NITROGEN & S	AFOSR 64-1518
AND OXY CATIONS OF	IODINE. II. SOLUTIONS OF IODOSYL	AFOSR 64-1529
II. SOLUTIONS OF	IODOSYL SULFATE, IODINE DIOXIDE,	AFOSR 64-1529
& NEW POSITIVE MOLECULE	ION GROUND STATE OF TH	AFOSR 64-1524
ION CATALYZED BY IODIDE	ION SOLVOLYTIC DEOXYMERCURAT	AFOSR 64-1502
ON THE EXCITABILITY AND	ION CONTENT OF ISOLATED CEREBRAL	AFOSR 64-1711
F A TIME&OF&FLIGHT &	ION DISSOCIATION IN THE DRIFT TUBE O	AFCRL 64 0519
HELIUM ATOMS IN A FIELD	ION MICROSCOPE&TUNGSTEN WITH 20-KEV	AFOSR 64-1212
MEMBRANE USE OF GAS -	ION PROCESSES IN MODELING EXCITABLE	AFOSR 64-1696
RARE GAS	ION REACTIONS WITH AMMONIA	AFOSR 64-1542
CONSTANTS OF GEO2 -OH-2	ION USING A HYDROGEN ELECTRODE.	AFOSR 64-1555
LENEDI	ION WITH TRIETHYLENETETRAMINENICKEL-	AFOSR 64-1408
STATES OF THE NEGATIVE	ION. PART I & FOR CLOSED	AFOSR 64-1256
RGY CHARGE EXCHANGE AND	ION&MOLECULE REACTIONS JULY 1964&ENE	AFCRL 64 0525
WITH POSITIVE IONS.	ION&MOLECULE REACTIONS OF ETHANE,	AFCRL 64 0578
WITH POSITIVE IONS.	ION&MOLECULE REACTIONS OF METHANE,	AFCRL 64 0545
CHANGE WITH RADIONICKEL	IONEPE & AND THEIR EX	AFOSR 64-1405
PLASMAS 24&ANALYSIS OF	IONIC AND NEUTRAL SPECIES IN THERMAL	AFCRL 64 0515
LUIDS. XVI. THE IDEAL	IONIC MELT&KINETIC THEORY OF DENSE F	AFOSR 64-1525
CHANISM FOR HOMOGENEOUS	IONIC POLYMERIZATION & TWO STATE ME	AFOSR 64-1546
INFLUENCE OF	IONIC SOLUTES UPON RELAXATION TIMES	AFOSR 64-1605
ECTRONS, 18THE MAGNETIC&	IONIC THEORY FOR MASS&ANISOTROPIC EL	AFCRL 64 0535
SURFACE INTERACTION IN	IONIZATION GAUGES & OF ELECTRON -	AFOSR 5495
E&VOLTAGE DISTRIBUTION,	IONIZATION, AND ENERGY BALANCE IN TH	ARL 64 0152
DISSOCIATED OXYGEN AND	IONIZED ARGON AROUND A CORNER & OF	AFOSR 64 0075
FROM A COMPLETELY	IONIZED ATMOSPHERE WITH APPLICATIONS	AFCRL 64 0617
N RESONANCE IN SLIGHTLY	IONIZED GASES CYCLOTRO	AFOSR 64-1475
OF ELECTRONS IN WEAKLY	IONIZED GASES FOR ARGON OR GAS MIXTU	AFCRL 64 0444
ITY TENSORS FOR A FULLY	IONIZED HYDROGEN GAS, 1964&CONDUCTIV	AFCRL 64 0616
NT MIXTURES OF CONSTANT	IONIZING POWER& D9 CHLORIDE IN SOLVE	AFOSR 64-1528
ECTS OF A ROCKET IN THE	IONOSPHERE RUB & JUNE 1964 & EFF	AFCRL 64 0490
TRAVELLING WAVES IN THE	IONOSPHERE AND THEIR EFFECTS, DEC	AFCRL 64 0171
OF THE OUTER	IONOSPHERE BY OBSERVATIONS OF EXTRAT	AFCRL 64 0357
ENCY RADIATION FROM THE	IONOSPHERE&STIMULATED VERY LOW FREQU	AFOSR 64-1369
PROBE & A TOOL FOR	IONOSPHERIC AND SPACE RESEARCH, SEP	ARL 64 0137

FOR THE DESIGN OF	IONOSPHERIC DISTURBANCE DETECTURS	AFCRL 64 0071
TRANSMISSION AT OBLIQUE	IONOSPHERIC INCIDENCE, 5 DEC 1963	AFCRL 64 0392
A STUDY OF AURORAL ZONE	IONOSPHERIC IRREGULARITIES NETWORK	AFCRL 64 0568
APR & INVESTIGATION OF	IONOSPHERIC OBLIQUE SOUNDER DATA, 2	AFCRL 64 0408
RLS, AND GEOPAGNETIC &	IONOSPHERIC PERTURBATIONS, SOLAR FLA	AFCRL 64 0455
UN 1964	IONOSPHERIC PROPAGATION STUDIES, 1 J	AFCRL 64 0443
AURORAL ZONE	IONOSPHERIC RESEARCH, 20 MAR 1964	AFCRL 64 0353
FROM CAPACITIVE	IONOSPHERIC ROCKET PROBES, 15 MAY	AFCRL 64 0529
THE DISTRIBUTION OF	IONS AND ELECTRONS IN THE EARTHS	AFOSR 64-1370
OF METHANE MOLECULE	IONS FORMED IN CHARGE EXCHANGE COLLI	AFCRL 64 0545
OF ETHANE MOLECULE	IONS FORMED IN CHARGE EXCHANGE COLLI	AFCRL 64 0578
NCE OF TRANSITION METAL	IONS IN CRYSTALS FLUORESCE	AFOSR 64-1368
AND TRIIODIDE	IONS IN NITROMETHANE, ACETONE AND	AFOSR 64-1516
AND MASS ANALYZED	IONS OF NITROGEN BETWEEN 3 AND 200	AFOSR 64-1543
WITH POSITIVE	IONS. IONMOLECULE REACTIONS OF	AFCRL 64 0545
WITH POSITIVE	IONS. IONMOLECULE REACTIONS OF	AFCRL 64 0578
RILE DERIVATIVES OF THE	IRON CARBONYL HALIDES & OF ISONIT	AFOSR 64-1517
U 25&THE EVAPORATION OF	IRON CHROMIUM ALLOYS CONTAINING 5 AN	AFOSR 64-1229
OF 57CO -57FE ON	IRON-II- AND COBALT-II- OXALATES.	AFOSR 64-1503
KINETICS OF HIGH PURITY	IRON, AUG 1964 & RECRYSTALLIZATION	ARL 64 0131
TRANSLATION GROUP. II.	IRREDUCIBLE REPRESENTATIONS&MAGNETIC	AFOSR 64-1739
MAMAGNETIC EFFECT IN AN	IRREVERSIBLE TYPE II SUPERCONDUCTOR	AFOSR 64-1584
ZR EXCITATION OF	ISOBARIC ANALOG STATES IN 89Y AND 90	AFOSR 64 1145
FORMATIONAL ANALYSIS OF	ISOBUTYL CHLORIDE& STRUCTURE AND CON	AFOSR 64-1537
RESPONSE TO PERCEPTUAL	ISOLATION & THE PSYCHOPHYSIOLOGICAL	AFOSR 64-1304
PLAYER&INTERNATIONALISM	ISOLATIONISM, STRATEGY OF THE OTHER	AFOSR 64-1157
SPECTROSCOPIC STUDY OF	ISONITRILE DERIVATIVES OF THE IRON	AFOSR 64-1517
- BUTYL CHLORIDE AND T&	ISOTOPE EFFECTS FOR SOLVOLYSIS OF T	AFOSR 64-1520
PART X. SUBSTRATE	ISOTOPE EFFECTS ON KINETICS AND	AFOSR 64-1554
SEPARATION ENERGIES FOR	ISOTOPES&OF HG, TI, PB, AND BI	AFOSR 64 1144
PHYSICAL PROPERTIES OF	ISOTOPICALLY SUBSTITUTED FLUIDS.	AFOSR 64-1417
OF HARMONIC WAVES IN AN	ISOTROPIC PLASMA, JUN 1964	AFCRL 64 0378
STUDY OF NEW FARMERS IN	ISRAEL A	AFOSR 64-1158
THE UTILIZATION OF	ITACONATE BY PSEUDOMONAS SP.	AFOSR 64-1183
MEASUREMENTS FROM A	JAVELIN ROCKET NOSE CONE, 1 DEC	AFCRL 64 0322
VERSION AND A LOW&LEVEL	JET JULY 1964 & OF A NOCTURNAL IN	AFCRL 64 0584
ON OF A PROB&APICTORIAL	JIGSAW PUZZLES - THE COMPUTER SOLUTI	AFOSR 64-1386
THE SPEED OF RELATIVE	JUDGEMENTS. I. SOME EXPERIMENTS ON	AFOSR 64-1383
N THE STABILITY OF PEER	JUDGMENTS IN INDEPENDENT SITUATIONS	AFOSR 64-1484
ICLE & MAY 1964	JUDI&ROBIN BALLOON DART SOUNDING VEH	AFCRL 64 0471
HE POSITION AND SIGN OF	JUPITERS MAGNETIC MOMENT AUGUST 1964	AFCRL 64 0502
GY OF POSITIVELY CURVED	KAEHLER MANIFOLDS ON THE TOPOLO	AFOSR 64-1617
OOC AND PRESSURE OF 50	KB & NOVEMBER 1963 & OF 10	AFCRL 64 0633
ANALOGUES TESTS TO 55	KB AT 270C & JULY 1964 & MINERAL	AFCRL 64 0549
KCL. I	KBETA EMISSION SPECTRA OF ARGON AND	AFOSR 64-1741
SATELLITE EXCITATION	KBETA SPECTRA OF ARGON AND KCL. II.	AFOSR 64-1742
POTENTIAL	KERNELS FOR RECURRENT MARKOV CHAINS	AFOSR 64-1637
PHENOL II. UNSATURATED	KETONES & I. SATURATED KETONES AND	AFOSR 64-1401
-II-. I. SATURATED	KETONES AND PHENOL II. UNSATURATED	AFOSR 64-1401
OF TUNGSTEN WITH 20-	KEV HELIUM ATOMS IN A FIELD ION	AFOSR 64-1212
HARMONIC GENERATION IN	KH2PO4 FERROELECTRICS & OPTICAL	AFOSR 64-1344
METHOD OF PROPORTIONAL&	KINETIC ANALYSIS OF MIXTURES BY THE	AFOSR 1549
SPECTRAL ANALYSIS OF	KINETIC ENERGY OVER A CIRCUMPOLAR	AFCRL 64 0248
IONIZED GASES FOR &	KINETIC STUDY OF ELECTRONS IN WEAKLY	AFCRL 64 0444
NGLE DEFLECTIONS IN THE	KINETIC THEORY OF DENSE FLUIDS & A	AFOSR 64-1527
. THE IDEAL & ON THE	KINETIC THEORY OF DENSE FLUIDS. XVI	AFOSR 64-1525
SOME COMMENTS ON&ON THE	KINETIC THEORY OF DENSE FLUIDS. XV.	AFOSR 64-1594
DETERMINATION OF	KINETICS AND FREE RADICAL EFFICIENCI	AFOSR 64-1534
ISOTOPE EFFECTS ON	KINETICS AND PRODUCTS OF ACID REARRA	AFOSR 64-1554
THE PARABOLIC OXIDATION	KINETICS OF ALPHA ZIRCONIUM AT 850	AFOSR 64-1227
THE RECRYSTALLIZATION	KINETICS OF HIGH PURITY IRON, AUG	ARL 64 0131
TURE RANGETHE OXIDATION	KINETICS OF ZIRCONIUM IN THE TEMPERA	AFOSR 64-1224
MULTIDENTATE LIGAND	KINETICS. III. THE FORMATION AND	AFOSR 64-1405
MULTIDENTATE LIGAND	KINETICS. IV. COPPER -II- AND N-	AFOSR 64-1404
MULTIDENTATE LIGAND	KINETICS. V. COPPER-II- AND CYCLOHEX	AFOSR 64-1406
MULTIDENTATE LIGAND	KINETICS. VI. THE EXCHANGE OF ETHYLE	AFOSR 64-1408
AT TROMSO, NORWAY AND	KIRUNA, SWEDEN, 20 MAY 1964	AFCRL 64 0560
N 1962 HEAT CAPACITY	LAG IN HEAVY GASES, FINAL REPORT, JU	AFOSR 2766
EAR AND ELECTROMAGNETIC	LAGRANGIAN & REPRESENTATION OF THE W	AFOSR 64-1151
VALUE PROBLEMS III. THE	LAMBDA METHOD FOR POLYGONAL PLATES	AFOSR 64-1294
FOR CADMIUM IODIDE	LAMBDA 3261 AND SILVER IODIDE LAMBDA	ARL 64 0157
D SILVER IODIDE LAMBDA&	LAMBDA 3281 AND 3303, 1964 & 3261 AN	ARL 64 0157
3261 AND SILVER IODIDE	LAMBDA&LAMBDA 3281 AND 3303, 1964	ARL 64 0157
INVESTIGATION OF	LAMINAR BOUNDARY LAYER HEAT TRANSFER	ARL 64 0136
INJECTION THE	LAMINAR BOUNDARY LAYER WITH UNIFORM	AFOSR 64-1395
L REACTIONS, FINAL &	LAMINAR BOUNDARY LAYERS WITH CHEMICA	AFOSR 64-1374
TRANSITION IN UNSTABLE	LAMINAR BOUNDARY LAYERS, FINAL REPOR	AFOSR 64-1280
IN THE STAGNATION & THE	LAMINAR COMPRESSIBLE BOUNDARY LAYER	AFOSR 64-1720
SIONAL BACKWARD FACING&	LAMINAR HEAT TRANSFER TO A TWO&DIMEN	ARL 64 0117
AN ARBITRARY FLAT MIXED	LANDESEA AREA, MAR 1964&A DIPOLE IN	AFCRL 64 0509
& ANTENNAS IN ARBITRARY	LANDESEA AREAS, APR 1964 & SHORT&WAV	AFCRL 64 0457
UR PLASMA SHEATHS ABOUT	LANGMUIR PROBES, JAN 1964 & F	AFCRL 64 0429
ANUAL FOR CSX-1 MACHINE	LANGUAGE PROGRAMMING&SAC REFERENCE M	AFOSR 64-1358
LAVES PHASES CONTAINING	LANTHANIDE METALS COMBINED WITH	AFOSR 64-1513
HE SUPERCONDUCTIVITY OF	LANTHANUM AND URANIUM & MODEL FOR T	AFOSR 64-1213
RELATED TO THE	LAPLACE TRANSFORM AND TO HEAT CONDUC	AFOSR 1122
TION GRATINGS, MAR &	LASER CAVITIES TERMINATED BY DIFFRAC	AFCRL 64 0355
A COMPUTER APPROACH TO	LASER DESIGN & JULY 1964	AFCRL 64 0589
	LASER ELECTROMAGNETICS & 1 JULY 1964	AFCRL 64 0518
5 & JUNE 1964	LASER&SATELLITE REFLECTION PARAMETER	AFCRL 64 0475
MODES OF RUBY	LASERS USING BEAT FREQUENCY DETECTIO	AFCRL 64 0434
MANY ELEMENT	LASERS, APR 1964	AFCRL 64 0604
ACTIVITY FOLLOWING	LATERAL FRONTAL LESIONS IN RHESUS	AFOSR 64-1298
EVOKED BY STIMULATING	LATERAL GENICULATE BODY AND OPTIC	AFOSR 64-1176
LATIONS AT A SUBAURORAL	LATITUDE & JULY 1964 & SCINTIL	AFCRL 64 0523
F 45 DEGREE GEOMAGNETIC	LATITUDE, 11 MAY 1964&NEUTRON FLUX A	AFCRL 64 0487
ROIC METHOD OF ACCURATE	LATTICE-PARAMETER DETERMINATION&CENT	AFOSR 64-1243
YM THEOREM IN DIMENSION	LATTICES & JUNE 1964 A RADON&NIKOD	AFCRL 64 0492
UTIAS IMPLOSION DRIVEN	LAUNCHER, AUG 1964&COMBUSTION FOR THE	ARL 64 0130
CHARACTERISTICS OF	LAVES PHASES CONTAINING LANTHANIDE	AFOSR 64-1513
EFRACTED ARRIVAL FROM A	LAYER & 15 JUNE 1964 THE R	AFCRL 64 0608
MATIONS TO THE BOUNDARY	LAYER EQUATIONS LINEARIZED APPROXI	AFOSR 64-1473
OF LAMINAR BOUNDARY	LAYER HEAT TRANSFER CHARACTERISTICS	ARL 64 0136
COMPRESSIBLE BOUNDARY	LAYER IN THE STAGNATION POINT REGION	AFOSR 64-1720
OF A MATERIAL	LAYER MODEL OF THE ATMOSPHERE, 1	AFCRL 64 0505
DATA FOR A MATERIAL&	LAYER MODEL OF THE ATMOSPHERE, 9	AFCRL 64 0506
AL EQUATION IN BOUNDARY	LAYER THEORY & OF A DIFFERENTI	AFOSR 4819
THE LAMINAR BOUNDARY	LAYER WITH UNIFORM INJECTION	AFOSR 64-1395
I & SOME EFFECTS OF A	LAYERED SYSTEM ON DILATIONAL WAVES 3	AFCRL 64 0614
VIOR OF LEADERS AND NON	LEADERS GROUP SUPPORT AND THE BEHA	AFOSR 64-1166
ORT AND THE BEHAVIOR OF	LEADERS AND NON LEADERS GROUP SUPP	AFOSR 64-1166
PERCEPTUAL MOTOR SKILL	LEARNING	AFOSR 64-1164
YSTEM & INTERFERENCE IN	LEARNING AND LESIONS IN THE VISUAL S	AFOSR 64-1712
LOCALIZATION OF TARGET	LEARNING AND MEMORY, FINAL REPORT,	AFOSR 64-1442
THE POSITIVE	LEARNING PROCESS IN OCTOPUS VULGARIS	AFOSR 64-1684
THE VISUAL ATTACK	LEARNING SYSTEM IN OCTOPUS VULGARIS	AFOSR 64-1690
SPITZERS COMBINATORIAL	LEMMA A GENERALIZATION OF	AFOSR 64-1509
MPOUND EYE OF NOCTURNAL	LEPIDOPTERA & POSITION IN THE CO	AFOSR 64-1713
CE TO INCIPIENT CARIOUS	LESIONS & DENTAL ENAMEL WITH REFEREN	AFOSR 64-1691
SUS MONKE&STRIATE CORTEX	LESIONS AND VISUAL ACUITY OF THE RHE	AFOSR 64-1297
LLOWING LATERAL FRONTAL	LESIONS IN RHESUS MONKEYS & FO	AFOSR 64-1298
IN LEARNING AND	LESIONS IN THE VISUAL SYSTEM OF	AFOSR 64-1712
PROBLEM IN THE SENSE OF	LIAPOUNOV, FINAL REPORT, APR 1964	AFOSR 64 0861
RECENT ADVANCES IN	LIAPUNOV STABILITY THEORY	AFOSR 64-1326
CIENTIFIC AND TECHNICAL	LIBRARIES CONFERENCE, 1962& MAY 1964	OAR 64 0009
NDBOUNDARY MIGRATION IN	LIF BICRYSTALS, APR 1964 GRAI	ARL 64 0133
TATE OF CADMIUM	LIFETIME AND HFS OF THE -5S5P- 1P1 S	AFOSR 64-1371
UN BY THE QUENCHING &	LIFETIME OF EXCITED STATES IN SOLUTI	ARL 64 0118
OF SUNSPOTS WITH	LIFETIMES FROM TWO TO EIGHT DAYS,	AFCRL 64 0620
ACTIONS OF MULTIDENTATE	LIGAND COMPLEXES EXCHANGE RE	AFOSR 64-1407
AND DISSOC&MULTIDENTATE	LIGAND KINETICS. III. THE FORMATION	AFOSR 64-1405
N- HYDROX&MULTIDENTATE	LIGAND KINETICS. IV. COPPER -II- AND	AFOSR 64-1404
YCLOHEXYLE&MULTIDENTATE	LIGAND KINETICS. V. COPPER-II- AND C	AFOSR 64-1406
ETHYLENE&MULTIDENTATE	LIGAND KINETICS. VI. THE EXCHANGE OF	AFOSR 64-1408
MPOUND EYE AT DIFFERENT	LIGHT INTENSITIES & IN THE CO	AFOSR 64-1699
POLARIZA& TION OF THE	LIGHT OF THE MOON AND OF MARS, 13	AFCRL 64 0442
FUNCTION OF A	LIGHT RESPONSE RHYTHM IN HAMSTERS	AFOSR 64-1692
PIGMENT MIGRATION AND	LIGHT SENSITIVITY IN THE COMPOUND	AFOSR 64-1699
LONG DURATION SPARK	LIGHT SOURCE FOR STREAK SCHLIEREN	AFOSR 64-1672
OF CHEMICAL ENERGY TO	LIGHT, FINAL REPORT, JUN 1964	AFOSR 64-1271
YPES &RELATIONS BETWEEN	LIGHTNING DISCHARGES AND DIFFERENT T	AFCRL 64 0488
ONS OF THE ARNA & LONG	LINE AZIMUTHS FROM OPTICAL OBSERVATI	AFCRL 64 0446
PREDICTED FLUXES AND	LINE INTENSITIES IN LATE TYPE MODEL	AFOSR 64-1397
Y OF THE PERFORMANCE OF	LINEAR AND NONLINEAR FILTERS A STUD	AFOSR 64-1362
THE LAMBDA METHOD FOR &	LINEAR BOUNDARY VALUE PROBLEMS III.	AFOSR 64-1294
IDENTIFICATION OF	LINEAR DYNAMIC SYSTEMS	AFOSR 64-1349
SOME APPLICATIONS OF	LINEAR GRAPHS	AFOSR 64-1560
VALUE PROBLEM FOR	LINEAR HYPERBOLIC PARTIAL DIFFERENTI	AFOSR 64-1731
IBUTION FUNCTIONS & A	LINEAR MAPPING OF THE SPACE OF DISTR	AFOSR 64-1606
QUENC&MODULATION OF THE	LINEAR OPTIC EFFECT AT MICROWAVE FRE	AFOSR 64-1345
AN ATYPICAL PROBLEM FOR	LINEAR ORDINARY DIFFERENTIAL EQUATIO	AFOSR 64-1613
OPTIMAL CONTROL OF NON-	LINEAR SAMPLED - DATA SYSTEMS TIME	AFOSR 64-1559
ON QUASI -	LINEAR SEQUENTIAL MACHINES	AFOSR 64-1562
TY AND OBSERVABILITY OF	LINEAR SYSTEMS & OF CONTROLLABILI	AFOSR 64-1313
NDARY LAYER EQUATIONS	LINEARIZED APPROXIMATIONS TO THE BOU	AFOSR 64-1473
RADIATING GAS FLOW BY&	LINEARIZED THEORY OF TWO-DIMENSIONAL	AFOSR 64 1002
CHARGED PARTICLE DELAY	LINES CROSSED FIELD	AFOSR 64-1353
PTICAL DOUBLE RESONANCE	LINES IN CADMIUM & BROADENING OF O	AFOSR 64-1366
SHIFTS OF ABSORPTION	LINES IN THE INFRARED SPECTRUM, MAY	AFCRL 64 0629
OF FORMATION OF MG I	LINES IN THE SOLAR ATMOSPHERE AUGUST	AFCRL 64 0439
CH PATHOLOGY	LINGUISTICS, BRAIN RESEARCH AND SPEE	AFOSR 64-1392
LIES STURM	LIOUVILLE SYSTEMS THAT GENERATE FAMI	AFOSR 64-1322
ROLE OF THE GENERALIZED	LIPSCHITZ CONDITION IN FINITE TIME	AFOSR 64-1354
	LIQUID FILM HYGROMETRY & MAY 1964	AFCRL 64 0493
IGH FREQUENCIES DOWN TO	LIQUID HELIUM TEMPERATURES & AT H	AFOSR 64-1208
UIDS. SELF&DIFFUSION IN	LIQUID MERCURY, 1 MAR 1964 & IN LIQ	ARL 64 0114
OF ELECTRICALLY SPRAYED	LIQUID PARTICLES & TO MASS RATIO	AFOSR 64-1478
SPRAYING OF MACROSCOPIC	LIQUID PARTICLES UNDER PULSED CONDIT	AFOSR 64-1470
TABILITY OF ELECTRIFIED	LIQUID SURFACES THE S	AFOSR 64-1474
SIZE DISTRIBUTION AND	LIQUID WATER CONTENT IN NATURAL	AFCRL 64 0621
BANDS & PART 1. RANGE &	LIQUID&EYE FILTERS WITH NARROW PASS&	AFCRL 63 0679
CHARACTERISTICS OF GAS	LIQUID&SPRAY SYSTEMS, SEP 1964	ARL 64 0136
INFRARED CELL FOR PURE	LIQUIDS OR SOLUTIONS & TEMPERATURE	AFOSR 3424
SELF&DIFFUSION IN	LIQUIDS. SELF&DIFFUSION IN LIQUID	ARL 64 0114
OF HYDROGEN BONDED	LIQUIDS,III. SUPERHEATED ALCOHOLS	AFOSR 64-1519
NTERACTION STUDY OF THE	LITHIUM HYDRIDE MOLECULE & I	AFOSR 64-1523
OF THE PIGEON / COLUMBA	LIVIA / DURING THE PRE INCUBATION	AFOSRTN60 253
ROCESSING IN THE BEETLE	LIXUS VISUAL INFORMATION P	AFOSR 64-1697
UNCTION OF THE VERTICAL	LOBE IN OCTOPUS VULGARIS & F	AFOSR 64-1683
OPTIC NERVES AND OPTIC	LOBES OF OCTOPUS AND ELEDONE & OF	AFOSR 64-1687
PLACED EARS ON AUDITORY	LOCALIZATION THE EFFECTS OF DIS	AFOSR 64 0938
RGIC NERVES IN THE &THE	LOCALIZATION OF ADRENALINE IN ADRENE	AFOSR 64-1173
MEMORY, FINAL&ANATOMICAL	LOCALIZATION OF TARGET LEARNING AND	AFOSR 64-1442
FRONTAL LESIONS IN &	LOCOMOTOR ACTIVITY FOLLOWING LATERAL	AFOSR 64-1298
GHPURITY BORON VIA THE	LODIDE JUNE 1964 & PREPARATION OF HI	AFCRL 64 0476
ANALYSIS OF MANY VALUED	LOGIC ON STRUCTURAL	AFOSR 64-1391
, 30 MAR 1964 AUTOMATED	LOGIC FOR SEMI&AUTOMATED MATHEMATICS	AFCRL 64 0411
INTEGRATED	LOGIC NETS & 31 JULY 1964	AFCRL 64 0649
AR COUPLI&GENERATION OF	LONGITUDINAL PLASMA WAVES BY NONLINE	AFCRL 64 0533
VE MEDIUM,&THE CIRCULAR	LOOP ANTENNA IMMERSED IN A DISSIPATI	AFCRL 64 0337
OF THIN WIRE CIRCULAR	LOOP ANTENNAS AND ELECTRONICALLY	AFCRL 64 0555
OF BARE CIRCULAR	LOOP ANTENNAS IN A DISSIPATIVE MEDIU	AFOSR 64-1342
DUCTIVITY TENSORS FOR A	LORENTZ&TYPE HYDROGEN GAS, 1964& CON	AFCRL 64 0615
CORRELATION OF RADIATION	LOSS FROM AN ARGON ARCJET, AUG 1964	ARL 64 0132
THE SYSTEMS BY WEIGHT -	LOSS MEASUREMENTS & GERMANIUM - BROM	AFOSR 64-1252
MPLETELY IONIZED & MASS	LOSSES THROUGH EVAPORATION FROM A CO	AFCRL 64 0617
PROPERTIES OF	LOSSY COMMUNICATION NETS	AFOSR 64-1356
ON THE APPROXIMATION OF	LP FUNCTIONS BY TRIGONOMETRIC POLYNO	AFOSR 3327
AND CONSTRUCTION OF A	LUMINOUS SHOCK TUBE FOR SPECTROSCOPI	AFCRL 64 0257
IC METHODS OF MEASURING	LUNAR GRAVITY, APR 1964 & OF SPECIF	AFCRL 64 0363
D THE INTERPRETATION OF	LUNAR HISTORY, MAY 1964&FREQUENCY AN	AFCRL 64 0425
OF A PROTOTYPE	LUNAR TRANSPONDER &INCLUDING A FEASI	AFCRL 63 0765
A PROTOTYPE	LUNAR TRANSPONDER & AUGUST 1964	AFCRL 64 0635
FROM & PURIFICATION OF	LUTEINIZING HORMONE RELEASING FACTOR	AFOSR 64-1709
OF THE EYES OF A	LYCOSID SPIDER. II. THE ROLE OF	AFOSR 64-1701
ERENCE MANUAL FOR CSX-1	MACHINE LANGUAGE PROGRAMMING&SAC REF	AFOSR 64-1358
ASI - LINEAR SEQUENTIAL	MACHINES ON QU	AFOSR 64-1562
ER THE SYNTHESIS OF	MACHINES WHICH LEARN WITHOUT A TEACH	AFOSR 64-1337
BRAINS,	MACHINES, AND MATHEMATICS	AFOSR 64-1571
OBSERVATIONAL BASIS OF	MACHS PRINCIPLE	AFOSR 64-1149
ELECTRICAL SPRAYING OF	MACROSCOPIC LIQUID PARTICLES UNDER	AFOSR 64-1470
, FINAL REPORT, SEP &	MACROSCOPIC MAGNETO - FLUID DYNAMICS	AFOSR 64-1647
ROGRAM FOR THE PDP&1 &	MADCAP. MAMMOTH DECIMAL ARITHMETIC P	AFCRL 64 0510
& 5 KC RADIO NOISE NEAR	MADRID, 15 MAY 1964 & OF TH	AFCRL 64 0530
OF THE FERMI SURFACE OF	MAGNESIUM & INVESTIGATION	AFOSR 64-1736
ANISM & ANALYSIS OF THE	MAGNESIUM ATP DEPENDENT STORAGE MECH	AFOSR 64-1167
INFRARED ABSORPTION OF	MAGNESIUM STANNIDE & JUNE 1964	AFCRL 64 0477
ASES CONTAINING LANTHA&	MAGNETIC CHARACTERISTICS OF LAVES PH	AFOSR 64-1513
SYSTEM STUDY FOR VECTOR	MAGNETIC FIELD MEASUREMENTS FROM A	AFCRL 64 0122
ING GAS WITH AN ALIGNED	MAGNETIC FIELD, JUL 1964 & CONDUCT	ARL 64 0113
CLES FROM THE ENDS OF A	MAGNETIC MIRROR PLASMA&CHARGED PARTI	AFOSR 64-1673
ON AND SIGN OF JUPITERS	MAGNETIC MOMENT AUGUST 1964 & POSITI	AFCRL 64 0502
BULATION OF FIRST ORDER	MAGNETIC PHASE TRANSITIONS, OCT 1963	AFCRL 64 0464
YSTAL COBALT FILMS,&THE	MAGNETIC PROPERTIES OF FCC SINGLE CR	AFCRL 64 0420
E2	MAGNETIC PROPERTIES OF GDFE2 AND DYF	AFOSR 64-1514
ES FOR HIGH TEMPERATURE	MAGNETIC RESONANCE PROB	AFOSR 64-1549
I. CHEMICAL & NUCLEAR	MAGNETIC RESONANCE IN MOLTEN SALTS.	AFOSR 64-1550
7 IN THE CUBIC &NUCLEAR	MAGNETIC RESONANCE OF GD155 AND GD15	AFOSR 64-1200
APPLICATIONS OF NUCLEAR	MAGNETIC RESONANCE, FINAL REPORT,	AFOSR 3473
	MAGNETIC TRANSLATION GROUP	AFOSR 64-1740
DUCIBLE REPRESENTATION&	MAGNETIC TRANSLATION GROUP. II. IRRE	AFOSR 64-1739
AURORA, ITS RELATION TO	MAGNETIC VARIATIONS AND COSMIC NOISE	AFCRL 64 0570
EFFECT OF NONUNIFORM	MAGNETIZATION ON THE SPIN - WAVE	AFOSR 64-1216
OF COLD ROLLING ON	MAGNETIZATION REVERSAL OF HIGH PURIT	AFOSR 64-1209
AT, SEP & MACROSCOPIC	MAGNETO - FLUID DYNAMICS, FINAL REPO	AFOSR 64-1647
ROPIC ELECTRONS, I &THE	MAGNETOIONIC THEORY FOR MASS&ANISOT	AFCRL 64 0535

CROSS FIELD	MAGNETOABSORPTION IN SEMICONDUCTORS	AFOSR 64-1198
PARALLEL FIELD	MAGNETOACOUSTIC EFFECT IN ANTIMONY	AFOSR 64-1222
RESONANCE RELATIONS FOR	MAGNETOCRYSTALLINE ANISOTROPIC CUBIC	AFCRL 64 0072
LEL PUMPING, &MICROWAVE	MAGNETOELASTIC MEASUREMENTS BY PARAL	AFCRL 64 0265
FLUX IN THE N.ARLEARTH	MAGNETOSPHERE FROM A POLE SUFESATELL	AFCRL 64 0435
TRATERRESTRIAL PROTONS	MAGNETOSPHERIC CUTOFF FOR 1.5-MEV EX	AFOSR 64 1148
SUPERCONDUCTING	MAGNETS	AFOSR 64-1738
LE RESPONSE NOTES ON	MAGNITUDE FUNCTIONS WITH EQUI - RIPP	AFOSR 64-1729
AND ATMOSPHERIC EFFECTS	MAINLY IN THE INFRARED, 31 MAY 1964	AFCRL 64 0569
ON THE MOPEL & MADCAP.	MAMMOTH DECIMAL ARITHMETIC PROGRAM F	AFCRL 64 0510
SITIVELY CURVED KAEHLER	MANIFOLDS ON THE TOPOLOGY OF PO	AFOSR 64-1617
A NOTE ON PSEUDOCONVEX	MANIFOLDS - GERMAN -	AFOSR 64-1629
ON HOMOGENEOUS COMPLEX	MANIFOLDS - GERMAN - & FUNCTIONS	AFOSR 64-1631
ON THE STABILITY OF	MANNED ROTATING SPACE STATIONS	AFOSR 64 0991
& THE - AUGMENTATION OF	MANS INTELLECT & FRAMEWORK FO	AFOSR 3223
DEFORMATION OF UPPER	MANTLE MINERAL ANALOGUES TESTS TO	AFCRL 64 0549
OGRAMMING SAC REFERENCE	MANUAL FOR CSX-1 MACHINE LANGUAGE PR	AFOSR 64-1358
FUNCTIONS & A LINEAR	MAPPING OF THE SPACE OF DISTRIBUTION	AFOSR 64-1606
ERING WIDE SENSE	MARKOFF SEQUENCES AND RECURSIVE FILT	AFOSR 64-1375
L KERNELS FOR RECURRENT	MARKOV CHAINS POTENTIA	AFOSR 64-1637
& THE GENERAL THEORY OF	MARKOV PROCESSES ACCORDING TO DOEBLI	AFOSR 64-1603
IGHT OF THE MOON AND OF	MARS, 13 JAN 1964 & TION OF THE L	AFCRL 64 0442
TETRACHLORIDE AND	MASS ANALYZED IONS OF NITROGEN BETWE	AFOSR 64-1543
A COMPLETELY IONIZED &	MASS LOSSES THROUGH EVAPORATION FROM	AFCRL 64 0617
THE CHARGE TO	MASS RATIO OF ELECTRICALLY SPRAYED	AFOSR 64-.478
OF A TIME&OF&FLIGHT	MASS SPECTROMETER III. FLIGHT/TIME	AFCRL 64 0519
OF A FLYABLE	MASS SPECTROMETER FOR N AND O ATOM	AFCRL 64 0462
IZATION STUDIES USING A	MASS SPECTROMETER JAN 1964 PHOTOION	AFCRL 64 0106
HARGE TRANSFER IN A TOF	MASS SPECTROMETER JULY 1964 & 2, 1 C	AFCRL 64 0571
RESEARCH OF ASPECTS OF	MASS TRANSPORT NEAR THE THREE&PHASE	AFCRL 64 0539
THEORY FOR	MASS&ANISOTROPIC ELECTRONS, 1 APR	AFCRL 64 0535
OF EFFECTIVE	MASSES FROM GIANT QUANTUM OSCILLATIO	AFOSR 64-1254
ONE USING THE METHOD OF	MATCHED ASYMPTOTIC EXPANSIONS & C	AFOSR 64 1056
PROPERTIES OF A	MATERIAL LAYER MODEL OF THE ATMOSPHE	AFCRL 64 0505
INITIAL DATA FOR A	MATERIAL&LAYER MODEL OF THE ATMOSPHE	AFCRL 64 0506
IN REFRACTORY AND OTHER	MATERIALS, AUG 1964 & MECHANISMS	ARL 64 0135
FAILURE OF VISCOELASTIC	MATERIALS, SEP 1964 MULTIAXIAL	ARL 64 0144
VEL AND VERTICALLY &THE	MATHEMATICAL EQUIVALENCE OF MULTILEV	AFCRL 64 0524
BRAINS, MACHINES, AND	MATHEMATICS	AFOSR 64-1573
REPORT, 16 JUN &APPLIED	MATHEMATICS RESEARCH PROJECT, FINAL	AFOSR 64-1257
OGIC FOR SEMI&AUTOMATED	MATHEMATICS, 30 MAR 1964&AUTOMATED L	AFCRL 64 0411
OF SPHEROIDAL AND	MATHIEU FUNCTIONS, FINAL REPORT,	AFOSR 64-1274
THROUGH HYBRID	MATRICES & 18 AUGUST 1964 MADE SIMUL	AFCRL 64 0568
ON	MATRICES WITH POSITIVE INVERSE	AFOSR 64-1736
S IN THE MANY CHANNEL S	MATRIX POLES AND SHADOW POLE	AFOSR 64-1150
INFRARED ABSORPTION OF	MATRIX ISOLATED NH3 & AUGUST 1964	AFCRL 64 0658
TATION RECIO&SPECTRA OF	MATRIX ISOLATED WATER IN THE PURE RO	AFOSR 64-1507
REALIZATION OF THE A -	MATRIX OF HALF - DEGENERATE RLC	AFOSR 64-1567
OF ORDER, 27 JAN & THE	MAXIMALLY&FLAT DELAY FUNCTION OF LAR	AFCRL 64 0381
OF RADIO NOISE AT 0.700	MC AND 2.200 MC FROM A HIGH&ALTITUDE	AFCRL 64 0596
AT 0.700 MC AND 2.200	MC FROM A HIGH&ALTITUDE ROCKET PROBE	AFCRL 64 0596
UNBOARD ANGLE OF ATTACK	MEASUREMENT BY OPTICAL MEANS, 1 MAY	AFCRL 64 0337
N AND LIQUID WATER &	MEASUREMENT OF DROP SIZE DISTRIBUTIO	AFCRL 64 0621
BAND WAVEGUIDE MIXER &	MEASUREMENT OF NOISE FIGURE OF AN XC	AFCRL 64 0547
ADIC WAVE INTERACTI&THE	MEASUREMENT OF PHASE AND AMPLITUDE R	AFCRL 64 0451
IS OF ABSORB&RESEARCH ON	MEASUREMENT OF PRESSURE INDUCED SHIF	AFCRL 64 0629
S IN STUDIES OF THE &	MEASUREMENT OF RECOIL - FREE FRACION	AFOSR 64-1747
SYSTEM FOR CONTINUOUS	MEASUREMENT OF THE BURNING RATE OF	AFOSR 64-1480
SOLID ROCKET&CONTINUOUS	MEASUREMENT OF THE BURNING RATES OF	AFOSR 64-1479
N FLUX AT 45 DEGREE &	MEASUREMENT OF THE COSMIC RAY NEUTRO	AFCRL 64 0487
AXATION TIME IN CU CL &	MEASUREMENT OF THE SPIN&FLOPPING REL	AFCRL 64 0456
INSTRUMENTATION FOR THE	MEASUREMENT OF TURBULENT FLUXES IN	AFCRL 64 0147
ULTRAVIOLET ABSORPTION	MEASUREMENTS & APRIL 1964 & EXTREME	AFCRL 64 0297
YSTEMS BY WEIGHT - LOSS	MEASUREMENTS & GERMANIUM - BROMINE S	AFOSR 64-1252
OLS FOR GLOTTAL SOURCE	MEASUREMENTS AUGUST 1964 & TECHNI	AFCRL 64 0661
MAGNETOELASTIC	MEASUREMENTS BY PARALLEL PUMPING,	AFCRL 64 0265
VECTOR MAGNETIC FIELD	MEASUREMENTS FROM A JAVELIN ROCKET	AFCRL 64 0322
A HYDROGEN ELECTRODE.	MEASUREMENTS IN 3M ZNA-CL- MEDIUM	AFOSR 64-1555
TEMPERATURE&FALLING SPHERE	MEASUREMENTS OF ATMOSPHERIC DENSITY,	AFCRL 64 0554
MC AND 2.200 MC FROM &	MEASUREMENTS OF RADIO NOISE AT 0.700	AFCRL 64 0596
NOISE PULSE	MEASUREMENTS OF SELECTED VERTICALLY	AFCRL 64 0333
NEAR MADRID, 15 MAY &	MEASUREMENTS OF THE 5 KC RADIO NOISE	AFCRL 64 0530
DOUBLET&INTERFEROMETRIC	MEASUREMENTS OF THE 5200-02 A ONIGC	AFCRL 64 0624
OF SWELLING &EQUILIBRIUM	MEASUREMENTS& CHAIN CONFIGURATION FR	AFOSR 64-1494
STUDY OF NONLINEAR	MECHANICS, FINAL REPORT, AUG 1964	AFOSR 64-1648
MERIZATION THE TWO STATE	MECHANISM FOR HOMOGENEOUS IONIC POLY	AFOSR 64-1546
ATP DEPENDENT STORAGE	MECHANISM IN THE AMINE GRANULES OF	AFOSR 64-1167
REARRANGEMENTS. PART &	MECHANISM OF BENZIDINE AND SEMIDINE	AFOSR 64-1554
N. INVESTIGATION OF THE	MECHANISM OF ELECTROLYTIC OXIDATION	AFCRL 64 0517
ME FERROMAGNETIC FILMS	MECHANISM OF SPIN WAVE PINNING IN SO	AFOSR 64-1247
SULFINIC ACIDS. VI. THE	MECHANISM OF THE DISULFIDE - SULFINI	AFOSR 64-1508
ATERIALS, & DEFORMATION	MECHANISMS IN REFRACTORY AND OTHER M	ARL 64 0135
OF WATER AND OF THE	MECHANISMS OF INTRAMOLECULAR AND	AFCRL 64 0431
ACIDS. VI. THE MECHANIS	MECHANISMS OF REACTIONS OF SULFINIC	AFOSR 64-1508
SYMBOL PROCESSOR&DESIGN	MECHANIZATION OF A PROBLEM&ORIENTED	AFCRL 64 0454
	MEDIATION AND FORGETTING	AFOSR 64-1162
LESSNESS - A TEST OF THE	MEDIATION HYPOTHESIS & AND POWERL	AFOSR 64-1300
GANGLIONIC CHOLINERGIC	MEDIATION OF SYMPATHETIC NERVES,	AFOSR 64-1649
OD TITLE WORDS IN THREE	MEDICAL INDEXING SYSTEMS& HEADINGS A	AFOSR 64-1389
OF THE MIT REACTOR	MEDICAL THERAPY FACILITY BEAM, MAY	AFCRL 64 0404
GRANULES OF THE ADRENAL	MEDULLA & MECHANISM IN THE AMINE	AFOSR 64-1167
CALKYLAMINES BY ADRENAL	MEDULLARY GRANULES&THE UPTAKE OF ARY	AFOSR 64-1186
XVI. THE IDEAL IONIC	MELT&KINETIC THEORY OF DENSE FLUIDS.	AFOSR 64-1525
S IN MODELING EXCITABLE	MEMBRANE USE OF GAS - ION PROCESSE	AFOSR 64-1696
LE FIBER	MEMBRANE PROPERTIES OF BARNACLE MUSC	AFOSR 64-1707
AGE CHARACTERISTICS OF&	MEMORY EFFECTS IN THE CURRENT - VOLT	AFOSR 64-1564
OF TARGET LEARNING AND	MEMORY, FINAL REPORT, JUN 1964	AFOSR 64-1442
ACTIONS OF HALOPERIDOL,	MEPERIDINE, AND RELATED COMPOUNDS	AFOSR 64-1711
TECHNIQUE FOR DROPPING	MERCURY ELECTRODES, THE DETERMINATIO	AFOSR 788
LF&DIFFUSION IN LIQUID	MERCURY, 1 MAR 1964 & IN LIQUIDS. S	ARL 64 0114
AUGER RATE IN	MESIC ATOMS	AFOSR&TN60 463
TIAL OF A FREE ELECTRON	METAL & ON THE SURFACE POTEN	AFOSR 64-1220
A&OSULFUR DERIVATIVES OF	METAL CARBONYLS NEW TYPES OF ORG	AFOSR 64-1535
INFRARED SPECTRA OF	METAL CHELATE COMPOUNDS OF HEXAFLUOR	ARL 64 0127
HE SURFACE OF THE SOLID	METAL ELECTRODES & JUNE 1964 & AT T	AFCRL 64 0517
UMESCENCE OF TRANSITION	METAL IONS IN CRYSTALS FLU	AFOSR 64-1368
LECTRICAL CONDUCTION IN	METAL OXIDES OXYGEN VACANCIES AND &	AFOSR 64-1230
FERMI LEVEL POSITION AT	METAL SEMICONDUCTOR INTERFACES	AFOSR 64-1351
CONDUCTION OF THIN	METALLIC LAYERS AT HIGH FREQUENCIES	AFOSR 64-1208
ICAL CONDUCTION OF THIN	METALLIC LAYERS AT LOW TEMPERATURES	AFOSR 64-1207
OF THE NOBLE	METALS AND ITS ALLOYS = GERMAN =	AFOSR 64-1217
S CONTAINING LANTHANIDE	METALS COMBINED WITH NICKEL & PHASE	AFOSR 64-1513
OF CESIUM ON REFRACTORY	METALS USING FIELD EMISSION MICROSCO	AFCRL 64 0328
OF SPECTRA BY	METASTABLE SPECIES IN THE AFTERGLOW	AFOSR 64-1677
TO THE ERROR&A STUDY OF	METEOROLOGICAL PHENOMENA AS RELATED	AFCRL 64 0587
IED STUDIES OF TROPICAL	METEOROLOGY, APR 1964& OF SOME SELEC	AFCRL 64 0327
FIELD STRENGTH	METER FOR VLF WAVES, 1 APR 1964	AFCRL 64 0479
OF EXCHE&DISSOCIATION OF	METHANE MOLECULE IONS FORMED IN CHAR	AFCRL 64 0545

&MOLECULE REACTIONS OF	METHANE, 6 APR 1964 & IONS. IO	AFCRL 64 0545
OF L HOMOCYSTINE FROM L	METHIONINE&A CONVENIENT PREPARATION	AFOSR 64-1190
ON FORMATION OF 3-	METHOXYTYRAMINE AND NORMETANEPHRINE	AFOSR 64-1169
& ENERGY RANGE 10 TO 19	MEV & BY C12 IN THE BOMBARDIN	AFOSR 64 1146
SCATTERING OF 6-TO 19-	MEV ALPHA PARTICLES FROM CARBON	AFOSR 64 1147
SPHERIC CUTOFF FOR 1.5-	MEV EXTRATERRESTRIAL PROTONS&MAGNETO	AFOSR 64 1148
AGAINST BALLISTIC	MISSILE ATTACK,VOL.I, SUMMARY,VOL	ORA 64 0001
PERCHLORATE ON A SEMI -	MICRO SCALE & OF CHLORIDE TO	AFOSR 64-1506
FACTORS PERTINENT TO	MICROBIOLOGICAL WASTE CONVERSION IN	AFCRL 64 0341
OF CO NEAR 4.7	MICRON AND 2.3 MICRON, CH FOUR NEAR	AFCRL 64 0448
SPECTRUM IN THE RANGE 1	MICRON TO 3 MM & TELLURIC EMISSION	AFCRL 64 0439
NEAR 4.7 MICRON AND 2.3	MICRON, CH FOUR NEAR 3.3 MICRON,	AFCRL 64 0448
ICRON, CH FOUR NEAR 3.3	MICRON, MAY 1964 & MICRON AND 2.3 M	AFCRL 64 0448
OF ATOMS IN A FIELD ION	MICROSCOPE&TUNGSTEN WITH 20-KEV HELI	AFOSR 64-1212
TION BETWEEN A PLANE &	MICROSCOPIC TREATMENT OF THE INTERAC	AFCRL 64 0532
IS OBSERVED BY ELECTRON	MICROSCOPY GRAPHITE DEFEC	AFOSR 64-1214
LRENCE TO &POLARIZATION	MICROSCOPY OF DENTAL ENAMEL WITH REF	AFOSR 64-1691
LOBES OF OCTO&ELECTRON	MICROSCOPY OF OPTIC NERVES AND OPTIC	AFOSR 64-1687
OCTOPUS BRAIN ELECTRON	MICROSCOPY OF SYNAPTIC STRUCTURE OF	AFOSR 64-1705
LS USING FIELD EMISSION	MICROSCOPY, APR 1964&REFRACTORY META	AFCRL 64 0328
LINEAR OPTIC EFFECT AT	MICROWAVE FREQUENCIES & OF THE	AFOSR 64-1345
YROELECTRIC PLASMAS	MICROWAVE INTERACTION WITH BOUNDED G	AFOSR 64 0803
S BY PARALLEL PUMPING,&	MICROWAVE MAGNETOELASTIC MEASUREMENT	AFCRL 64 0265
CURRENT RESEARCH AT THE	MICROWAVE RESEARCH INSTITUTE & OF	AFOSR 64-1582
STUDIES ON PIGMENT	MIGRATION AND LIGHT SENSITIVITY IN	AFOSR 64-1699
& GRAIN&BOUNDARY	MIGRATION IN LIF BICRYSTALS, APR 196	ARL 64 0133
SKY TEMPERATURES AT	MILLIMETER&WAVE FREQUENCIES JULY	AFCRL 64 0590
OF UPPER MANTLE	MINERAL ANALOGUES TESTS TO 55 KB	AFCRL 64 0549
SUBSIDIARY ENERGY BAND	MINIMA & STATES ASSOCIATED WITH	AFOSR 64-1244
MOON TRAJECTORIES WITH	MINIMAL ENERGY EARTH TO	AFOSR 64-1323
THE ENDS OF A MAGNETIC	MIRROR PLASMA&CHARGED PARTICLES FROM	AFOSR 64-1673
UNAL MODES IN SPHERICAL	MIRROR RESONATORS ROTATI	AFOSR 64-1311
AND DOSIMETRY OF THE	MIT REACTOR MEDICAL THERAPY FACILITY	AFCRL 64 0404
OF AN X&BAND WAVEGUIDE	MIXER WITH TUNNEL DIODE & JULY 1964	AFCRL 64 0547
MENA IN DIFFERENT SENSE	MODALITIES & OF TIME ERROR PHENO	AFOSR 64-1159
NTENSITIES IN LATE TYPE	MODEL ATMOSPHERES& FLUXES AND LINE I	AFOSR 64-1397
Y NERVE FIBERS A	MODEL FOR FIRING PATTERNS OF AUDITOR	AFOSR 64-1367
INAL REPORT,&PREDICTIVE	MODEL FOR INTRA-GROUP NEGOTIATION, F	AFOSR 64-1440
ANTHANUM AND & SIMPLE	MODEL FOR THE SUPERCONDUCTIVITY OF L	AFOSR 64-1213
NUMERICAL RESULTS OF A	MODEL INVESTIGATION OF THE ATMOSPHER	AFCRL 64 0551
IES OF A MATERIAL LAYER	MODEL OF THE ATMOSPHERE, 1 FEB 1964	AFCRL 64 0505
TA FOR A MATERIAL&LAYER	MODEL OF THE ATMOSPHERE, 9 MAR 1964	AFCRL 64 0506
NEURAL THEORY AND	MODELING	AFOSR 64-1634
GAS - ION PROCESSES IN	MODELING EXCITABLE MEMBRANE USE OF	AFOSR 64-1696
D NUMERICAL FORECASTING	MODELS & JULY 1964 & INTEGRATE	AFCRL 64 0524
	MODELS AND THE INSECT BRAIN	AFOSR 64-1698
STIMATED FROM DIFFERENT	MODELS MAY 1964&FREE AIR ANOMALIES E	AFCRL 64 0574
IS DEFINING ATMOSPHERIC	MODELS, APR 1964&DENSITY SCALE HEIGH	AFCRL 64 0450
T AT MICROWAVE FREQUENC	MODULATION OF THE LINEAR OPTIC EFFEC	AFOSR 64-1345
LOW TEMPERATURE ELASTIC	MODULI OF ALUMINUM	AFOSR 64-1231
ON A NOTE BY U. G.	MOHAMMAD	AFOSR 64-1610
S, FINAL REPORT, SEP &	MOLECULAR BEAM - SURFACE INTERACTION	AFOSR 64-1661
UMPED RUBIDIUM ATOMS IN	MOLECULAR BUFFER GASES & OPTICALLY P	AFOSR 64-1491
-BUTYLPHENANTHRENE BY	MOLECULAR COMPLEXATION CHROMATOGRAPH	AFOSR 64-1414
QUENCHING OF	MOLECULAR FLUORESCENCE BY OXYGEN	ARL 64 0171
CTRON IMPACT STUDIES OF	MOLECULAR GASES & JULY 1964 ELE	AFCRL 64 0669
RING FROM MOLECULES II.	MOLECULAR HYDROGEN & ELECTRON SCATTE	AFOSR 64-1497
URE PART 2. CARBONLHYDE&	MOLECULAR PARAMETERS AND BOND STRUCT	AFCRL 64 0486
URES PART 3. CARBONYOXE&	MOLECULAR PARAMETERS AND BOND STRUCT	AFCRL 64 0508
EXPERIMENTAL STUDIES OF	MOLECULAR SPECTRA, 6 FEB 1964 & AND	AFCRL 64 0358
HELIUM AFTERGLOW. II.	MOLECULAR SPECTRUM	AFOSR 64-1477
GLOW THE	MOLECULAR SPECTRUM IN A HELIUM AFTER	AFOSR 64-1674
DETERMINATION OF THE	MOLECULAR STRUCTURE OF THE BUTYL	AFOSR 64-1537
OF ELECTRO&EVOLUTION OF	MOLECULAR SYSTEMS AND THE SEPARATION	ARL 64 0134
OF THE LITHIUM HYDRIDE	MOLECULE & INTERACTION STUDY	AFOSR 64-1923
ATE OF THE NEW POSITIVE	MOLECULE ION GROUND ST	AFOSR 64-1924
DISSOCIATION OF METHANE	MOLECULE IONS FORMED IN CHARGE EXCHA	AFCRL 64 0545
DISSOCIATION OF ETHANE	MOLECULE IONS FORMED IN CHARGE EXCHA	AFCRL 64 0578
HARGE EXCHANGE AND ION&	MOLECULE REACTIONS JULY 1964 & C	AFCRL 64 0525
POSITIVE IONS. ION&	MOLECULE REACTIONS OF ETHANE, 30	AFCRL 64 0578
POSITIVE IONS. ION&	MOLECULE REACTIONS OF METHANE, 6	AFCRL 64 0545
OGEN ATOM IN A HYDROGEN	MOLECULE&SCATTERING FACTOR OF A HYDR	AFOSR 64-1500
SQUARE MOMENTS OF CHAIN	MOLECULES MEAN	AFOSR 64-1493
PROCESS IN COMPLEX	MOLECULES AND THE REACTIONS OF CERTA	AFOSR 64-1688
LECTRON SCATTERING FROM	MOLECULES II. MOLECULAR HYDROGEN & E	AFOSR 64-1497
SCATTERING FROM	MOLECULES. I. THEORETICAL DEVELOPMEN	AFOSR 64-1496
ON PATTERNS OF DIATOMIC	MOLECULES& ON THE ELECTRON DIFFRACTI	AFOSR 64-1501
UNDS IN CH,X AND CH, XY	MOLECULES, 9 APR 1964 & B	AFCRL 64 0486
MAGNETIC RESONANCE IN	MOLTEN SALTS. I. CHEMICAL SHIFT OF	AFOSR 64-1550
HIFT OF CRYSTALLINE AND	MOLTEN THALLIUM SALTS& I. CHEMICAL S	AFOSR 64-1550
ON OF JUPITERS MAGNETIC	MOMENT AUGUST 1964 & POSITION AND SI	AFCRL 64 0502
RADIATING GAS FLOW BY A	MOMENT METHOD & OF TWO-DIMENSIONAL	AFOSR 64 1002
MEAN SQUARE	MOMENTS OF CHAIN MOLECULES	AFOSR 64-1493
ES FROM&RELATIONS AMONG	MOMENTS OF ORDER STATISTICS IN SAMPL	AFOSR 64-1609
ION OF&SPIN AND NUCLEAR	MOMENTS OF 245-DAY ZN65 REDETERMINAT	AFOSR 64-1579
PLASMA PROPERTIES BY	MOMENTUM CHANGE, FINAL REPORT, MAY	AFOSR 64 1000
AL ACUITY OF THE RHESUS	MONKEY & CORTEX LESIONS AND VISU	AFOSR 64-1297
SCRIMINATION IN A YOUNG	MONKEY WITH STRIATE CORTEX ABLATION	AFOSR 64-1160
OLOGY OF FOOD REWARD IN	MONKEYS THE AETI	AFOSR 64-1299
ETHOD OF PERIMETRY WITH	MONKEYS THE BASIS OF A M	AFOSR 64-1296
ONTAL LESIONS IN RHESUS	MONKEYS & FOLLOWING LATERAL FR	AFOSR 64-1298
VISUAL FIELD DEFECTS IN	MONKEYS A PERIMETRIC STUDY OF	AFOSR 64-1295
ION OF THE LIGHT OF THE	MOON AND OF MARS, 13 JAN 1964 & T	AFCRL 64 0442
Y EARTH TO	MOON TRAJECTORIES WITH MINIMAL ENERG	AFOSR 64-1323
S RELATION TO MAGNETIC&	MORPHOLOGY OF THE VISIBLE AURORA, IT	AFCRL 64 0570
F AURO&STUDIES OF LOCAL	MORPHOLOGY, STRUCTURE AND DYNAMICS O	AFCRL 64 0601
CIONS IN STUDIES OF THE	MOSSBAUER EFFECT & RECOIL - FREE FRA	AFOSR 64-1747
IONS TO FUNCTI&PERIODIC	MOTIONS IN BANACH SPACE AND APPLICAT	AFOSR 3150
ELECTRONIC AND NUCLEAR	MOTIONS, 15 MAR 1964 & SEPARATION OF	ARL 64 0134
PERCEPTUAL	MOTOR SKILL LEARNING	AFOSR 64-1164
AND NORMETANEPHRINE IN	MOUSE BRAIN & OF 3- METHOXYTYRAMINE	AFOSR 64-1169
EQUIVALENCE OF	MULTI&LEVEL AND VERTICALLY INTEGRATE	AFCRL 64 0524
ATERIALS, SEP 1964	MULTIAXIAL FAILURE OF VISCOELASTIC M	ARL 64 0144
ON THE CALCULATION OF	MULTICENTER TWO ELECTRON REPULSION	AFOSR 64-1539
OF THE AN-AMQ&21	MULTICHANNEL RADIOSONDE, JUN 1964	AFCRL 64 0326
EXCHANGE REACTIONS OF	MULTIDENTATE LIGAND COMPLEXES	AFOSR 64-1407
HE FORMATION AND DISSO&	MULTIDENTATE LIGAND KINETICS. III. T	AFOSR 64-1405
PPER -II- AND N- HYDRO&	MULTIDENTATE LIGAND KINETICS. IV. CO	AFOSR 64-1404
PER-II- AND CYCLOHEXYL&	MULTIDENTATE LIGAND KINETICS. V. COP	AFOSR 64-1406
E EXCHANGE OF ETHYLENE&	MULTIDENTATE LIGAND KINETICS. VI. TH	AFOSR 64-1408
RETICAL SEISMOGRAMS FOR	MULTILAYERED MEDIA, 14 APR 1964&THEO	AFCRL 64 0503
FROM POINT SOURCES IN A	MULTILAYERED MEDIUM, MAR 1964&WAVES	AFCRL 64 0157
N THE OPTIMUM DESIGN OF	MULTIPATH SIGNALS, JUN 1964 O	AFCRL 64 0485
NDUCTIVITY OF INSB	MULTIPHONON PROCESSES IN THE PHOTOCO	AFOSR 64-1245
ONTROL PROCEDURES FOR A	MULTIPLEXED DIGITAL COMPUTER & AND C	AFOSR 64-1335
SENSITIVITY OF GENERAL	MULTIVARIABLE FEEDBACK SYSTEMS THE	AFOSR 64-1568
PLE COMPARISON TESTS IN	MULTIVARIATE CASE, AUG 1964 MULTI	ARL 64 0124
PROPERTIES OF BARNACLE	MUSCLE FIBER MEMBRANE	AFOSR 64-1707

AND DIFFERENT TYPES OF	MUSICAL ATMOSPHERICS & DISCHARGES	AFCRL 64 0488
ICTROPY OF STREPTOMYCIN	MUTATIONS IN ESCHERICHIA COLI & PLE	AFOSR 64-1714
& HYDROGENATION OF SOME	NAPHTHYL ALKENES CATALYTI	AFOSR 64-1413
L3.SBCL5. -CH3- 3PC AND	NBCL5.PCCL3ECF THE ADDUCTS SBCL5.POC	AFOSR 64-1551
ORGANIC COMPU	NDS. I. THE PYROLSIS OF 1,2&DIBROMOE	SRL 64 0004
ESULTS ON THE METHOD OF	NEBENCHARAKTERISTIKEN&EXPERIMENTAL R	AFOSR 64-1604
OCCULTATION OF THE CRAB	NEBULA BY THE SOLAR CORONA AT A	AFCRL 64 0258
GALACTIC NEBULAE ORION	NEBULA II, 1 JUN 1963 & OF	AFCRL 63 0730
PHOTOMETRY OF GALACTIC	NEBULAE ORION NEBULA II, 1 JUN 1963	AFCRL 63 0730
OR CLOSED STATES OF THE	NEGATIVE ION. PART I & F	AFOSR 64-1256
& MODEL FOR INTRA-GROUP	NEGOTIATION, FINAL REPORT, JUN 1964	AFOSR 64-1440
THEORY OF SOLID	NEON AT 0 DEGREES K, 1 JUN 1964	ARL 64 0153
ELECTRON COLLISIONS IN	NEON PLASMA	AFOSR 64-1360
AFTER & THE EFFECTS OF	NEOSTIGMINE UPON GANGLION RESPONSES	AFOSR 64-1682
NG PATTERNS OF AUDITORY	NERVE FIBERS A MODEL FOR FIRI	AFOSR 64-1367
UNITS OF THE CATS AORTIC	NERVE ON SHAM RAGE BEHAVIOURS COMPON	AFOSR 64-1179
MICROSCOPY OF OPTIC	NERVES AND OPTIC LOBES OF OCTOPUS	AFOSR 64-1687
DRENALINE IN ADRENERGIC	NERVES IN THE PROG&LOCALIZATION OF A	AFOSR 64-1173
&CIATION OF SYMPATHETIC	NERVES, FINAL REPORT, APR 1964 & M	AFOSR 64-1649
OF LOSSY COMMUNICATION	NETS PROPERTIES	AFOSR 64-1356
ABILISTIC COMMUNICATION	NETS SYNTHESIS OF PROB	AFOSR 64-1558
INTEGRATED LOGIC	NETS & 31 JULY 1964	AFCRL 64 0649
PROACH NONLINEAR	NETWORK ANALYSIS - THE PARAMETRIC AP	AFOSR 64-1566
IRREGULARITIES	NETWORK SYNTHESIS THROUGH HYBRID	AFCRL 64 0560
THE FOUNDATIONS OF	NETWORK THEORY	AFOSR 64-1732
A THEORY OF RESONANT	NETWORKS	AFOSR 64-1695
GN OF THRESHOLD ELEMENT	NETWORKS & APPLIED TO THE DESI	AFOSR 64-1332
F HALF - DEGENERATE RLC	NETWORKS & OF THE A - MATRIX O	AFOSR 64-1567
A THEORY OF NONLINEAR	NETWORKS - I	AFOSR 64-1319
GATION&LIMITED COMPUTER	NETWORKS APR 1964 & OF PROPA	AFCRL 64 0376
SYNTHESIS OF SWITCHING	NETWORKS COMPOSED OF M-OUT-OF-N	AFOSR 64-1378
	NEURAL THEORY AND MODELING	AFOSR 64-1694
LOGY, FINAL REPORT, &	NEURONE REGENERATION AND NEUROPHYSIO	AFOSR 64-1434
& POTENTIALS FROM GIANT	NEURONS & OF OXYGEN ON RHYTHMI	AFOSR 64-1172
OF DOPAMINE CONTAINING	NEURONS IN THE RETINA OF RABBITS	AFOSR 64-1187
TASIS	NEUROPHYSIOLOGICAL ASPECTS OF HOMEOS	AFOSR 64-1170
S ACTIVE DURING SLEEP,&	NEUROPHYSIOLOGICAL INHIBITORY SYSTEM	AFOSR 64-1307
REGENERATION AND	NEUROPHYSIOLOGY, FINAL REPORT, JUL	AFOSR 64-1434
SHIELDING CONSTANTS FOR	NEUTRAL ATOMS DIAMAGNETIC NUCLEAR	AFOSR 64-1495
- FOCK POTENTIAL OF	NEUTRAL ATOMS AND FOR THE CORRESPOND	AFOSR 64-1538
&&ANALYSIS OF IONIC AND	NEUTRAL SPECIES IN THERMAL PLASMAS 2	AFCRL 64 0515
FOR POTENTIALS OF	NEUTRAL THOMAS - FERMI - DIRAC ATOMS	AFOSR 64-1499
STELLAR PLASMA EMITTING	NEUTRINOS, 10 JUN 1964 & OF COOLING	AFCRL 64 0528
OF THE COSMIC RAY	NEUTRON FLUX AT 45 DEGREE GEOMAGNETI	AFCRL 64 0487
UPESDOF MG, & SOME NEW	NEUTRON SEPARATION ENERGIES FOR ISOT	AFOSR 64 1144
CORRECTION FOR THERMAL	NEUTRON SPECTRA DERIVED FROM TRANSMI	AFCRL 64 0634
F THE MIT REACTOR &FAST	NEUTRON SPECTROSCOPY AND DOSIMETRY U	AFCRL 64 0404
& & MODIFICATION TO THE	NEWTON-RAPHSON METHOD FOR THE FITTIN	AFOSR 64-1498
TION OF MATRIX ISOLATED	NH3 & AUGUST 1964 & INFRARED ABSORP	AFCRL 64 0668
IN HCN, CH3F, CH3I,	NH3 AND H2O HINDERED ROTATION IN	AFCRL 64 0668
OF THE 5200-02 A N	NI&& DOUBLET IN THE AURORA, 1964	AFCRL 64 0624
DE METALS COMBINED WITH	NICKEL & PHASES CONTAINING LANTHANI	AFOSR 64-1513
CURRENT OF CERTAIN	NICKEL -II- COMPLEXES. APPLICATION	AFOSR 64-1398
REVERSAL OF HIGH PURITY	NICKEL TAPES & ON MAGNETIZATION	AFOSR 64-1209
YLENEDIAMINETRIACETATO-	NICKELATE -II- & N- HYDROXYETHYLETH	AFOSR 64-1404
ENEDIAMINETETRAACETATO-	NICKELATE-II- & AND CYCLOHEXYL	AFOSR 64-1406
TRICAL PROCESSES IN THE	NIGHTTIME EXOSPHERE, JUL 1964 ELEC	AFCRL 64 0552
A	NINTH BARYON	AFOSR 64-1241
ANSITIONS IN RARE EARTH	NIOBATES AND TANTALATES & TR	AFOSR 64-1225
IONS OF INDIUM SULFATE,	NITRATE, AND PERCHLORATE & SOLUT	AFOSR 64-1403
POTENTIAL CONSTANTS OF	NITRIC ACID & 31 JULY 1964 & AND	AFCRL 64 0651
AY&EMISSION SPECTRUM OF	NITRIC OXIDE IN THE NEAR INFRARED, M	AFCRL 64 0583
NCY OF THE CARBONYL AND	NITRILE BONDS & THE VIBRATION FREQUE	AFOSR 64-1544
HYPONITRITE - POTASSIUM	NITRITE, FINAL REPORT, AUG 1964	AFOSR 64-1469
N OF IODINE WITH ACTIVE	NITROGEN & STUDY OF THE REACTIO	AFOSR 64-1518
POUNDS CONTAINING BASIC	NITROGEN & OF CERTAIN ORGANIC COM	AFOSR 64-1398
D MASS ANALYZED IONS OF	NITROGEN BETWEEN 3 AND 20C E. V.& AN	AFOSR 64-1543
OMATIC HYDROCARBONS AND	NITROGEN HETEROCYCL S ON ALUMINAS AR	AFOSR 64-1415
PROPERTIES OF CARBON&	NITROGEN MIXTURES AT HIGH TEMPERATUR	ARL 64 0149
OF SOLID	NITROGEN OXIDES. SODIUM HYPONITRITE	AFOSR 64-1469
CATTERING OF PROTONS BY	NITROGEN, 10 MAY 1964 & EXCHANGE S	AFCRL 64 0338
AND TRIIODIDE IONS IN	NITROMETHANE, ACETONE AND ACETONITRI	AFOSR 64-1516
K TUBE DECOMPOSITION OF	NITROUS OXIDE, SEP 1964 SHOC	ARL 64 0143
OF THE	NOBLE METALS AND ITS ALLOYS = GERMAN	AFOSR 64-1217
DURING BREAKDOWN OF A	NOCTURNAL INVERSION AND A LOW&LEVEL	AFCRL 64 0584
IN THE COMPOUND EYE OF	NOCTURNAL LEPIDOPTERA & POSITION	AFOSR 64-1713
YSTEM TO FM SIGNALS AND	NOISE & AN AUTOMATIC PHASE CONTROL S	AFOSR 4502
VARIATIONS AND COSMIC	NOISE ABSORPTION, 21 MAY 1964	AFCRL 64 0570
AL MEASUREMENTS OF RADIO	NOISE AT 0.700 MC AND 2.200 MC FROM	AFCRL 64 0596
WEATHER&SEISMIC&	NOISE CORRELATION STUDY, 31 JUL 1964	AFCRL 64 0607
MIXER & MEASUREMENT OF	NOISE FIGURE OF AN X&BAND WAVEGUIDE	AFCRL 64 0547
LOW&FREQUENC	NOISE IN SPACE VEHICLES, MAR 1964	AFCRL 64 0357
ARBITRON THE THEORY OF	NOISE LIKE ELECTROMAGNETIC FIELDS OF	AFOSR 64 0004
OF THE 5 KC RADIO	NOISE NEAR MADRID, 15 MAY 1964	AFCRL 64 0530
500&KC ELECTROMAGNETIC	NOISE PULSE MEASUREMENTS OF SELECTED	AFCRL 64 0333
PROGRAM FOR CALCULATING	NONEQUILIBRIUM EXPANSION FLOWS OF	AFOSR 64 0075
NYLMERCURIC IODIDE WITH	NONHALOGEN ACID THE REACTION OF VI	AFOSR 64-1412
ON THE STRESSES IN A	NONLINEAR BEAM SUBJECT TO RANDOM	AFOSR 64 1038
RESPONSE OF A	NONLINEAR BEAM TO RANDOM EXCITATION	AFOSR 64 0886
RESEARCH IN	NONLINEAR CODES, MAR 1964	AFCRL 64 0137
PLASMA WAVES BY	NONLINEAR COUPLING OF TWO HIGH&POWER	AFCRL 64 0533
HARMONIC&EXCITATION OF	NONLINEAR CURRENTS AND GENERATION OF	AFCRL 64 0378
RANDOM VIBRATIONS OF	NONLINEAR ELASTIC STRUCTURES	AFOSR 64 0887
N OPTICAL COHERENCE AND	NONLINEAR ESTIMATION THEORY & I	AFOSR 64 1141
RFORMANCE OF LINEAR AND	NONLINEAR FILTERS A STUDY OF THE PE	AFOSR 64-1362
THOD FOR THE FITTING OF	NONLINEAR FUNCTIONS BY LEAST SQUARES	AFOSR 64-1498
UG 1964 STUDY OF	NONLINEAR MECHANICS, FINAL REPORT, A	AFOSR 64-1449
AMETRIC APPROACH	NONLINEAR NETWORK ANALYSIS - THE PAR	AFOSR 64-1566
A THEORY OF	NONLINEAR NETWORKS - I	AFOSR 64-1319
F RANDOM VIBRATION OF A	NONLINEAR OSCILLATOR THE SPECTRUM O	AFOSR 64 1057
SOLUTIONS OF A CLASS OF	NONLINEAR PARTIAL DIFFERENTIAL EQUAT	AFOSR 3342
OF A CERTAIN CLASS OF	NONLINEAR SAMPLED DATA SYSTEMS	AFOSR 64-1316
A STUDY OF	NONLINEAR SECOND ORDER SYSTEMS	AFOSR 64-1565
A	NONLINEAR SUMMATION THRESHOLD DEVICE	AFOSR 64-1391
N SCATTERING FACTORS I.	NONRELATIVISTIC THEORY & OF ELECTRO	AFOSR 64-1540
- WAVE SPECT&EFFECT OF	NONUNIFORM MAGNETIZATION ON THE SPIN	AFOSR 64-1216
OF THE METHOD OF	NORMAL MODES TO WAVE PROPAGATION IN	AFCRL 64 0526
3- METHOXYTYRAMINE AND	NORMETANEPHRINE IN MOUSE BRAIN & OF	AFOSR 64-1169
OBSERVATIONS OVER	NORTH AMERICA & VOLUME 2 JULY 1964	AFCRL 64 0030
AT TROMSO,	NORWAY AND KIRUNA, SWEDEN, 20 MAY	AFCRL 64 0568
FROM A JAVELIN ROCKET	NOSE CONE, 1 DEC 1962&31 DEC 1963	AFCRL 64 0322
MAR 1964 VOL II & THE	NUCLEAR BURST AS A PENETRATION AID.	AFCRL 64 0196
BY HIGH ALTITUDE	NUCLEAR DETONATIONS & 26 DECEMBER	AFCRL 64 0204
OF EFFECTS OF	NUCLEAR DETONATIONS ON PROPAGATION	AFCRL 64 0196
SALTS. I. CHEMICAL &	NUCLEAR MAGNETIC RESONANCE IN MOLTEN	AFOSR 64-1550
AND GD157 IN THE CUBIC&	NUCLEAR MAGNETIC RESONANCE OF GD155	AFOSR 64-1200
APPLICATIONS OF	NUCLEAR MAGNETIC RESONANCE, FINAL	AFOSR 3473
TERMINATION OF&SPIN AND	NUCLEAR MOMENTS OF 245-DAY ZN65 REDE	AFOSR 64-1579

ATION OF ELECTRONIC AND	NUCLEAR MOTIONS, 15 MAR 1964 & SEPAR	ARL 64 0134
RAL ATOMS DIAMAGNETIC	NUCLEAR SHIELDING CONSTANTS FOR NEUT	AFOSR 64-1495
RODUCTION OF PIONS FROM	NUCLEI ELECTRO P	AFOSR 64-1156
ON ORGANOPHOSPHORUS &	NUCLEOPHILIC DISPLACEMENT REACTIONS	AFOSR 64-1509
ISCOUS FLOW FIELD IN &	NUMERICAL ANALYSIS OF INVISCID AND V	ARL 64 0146
Y ON THE COMPENSATION &	NUMERICAL COMPUTATIONS BASED DIRECTL	AFCRL 64 0537
ORTEX APPROXIMATION, &A	NUMERICAL EXPERIMENT WITH DESCRETE V	AFOSR 64-1292
VERTICALLY INTEGRATED	NUMERICAL FORECASTING MODELS & JULY	AFCRL 64 0524
GATION OF THE ATMOSPHERE	NUMERICAL RESULTS OF A MODEL INVESTI	AFCRL 64 0551
INQUIRY IN CLINICAL	NURSING INSTRUCTION BY MEANS OF THE	AFOSR 64- 159
NG ABSORPTION SERIES OF	N2 & MAY 1964 RYDBE	AFCRL 64 0149
UCTION, &THE AIR FORCE&	OAR CONTRIBUTION TO PROGRAMMED INSTR	CAR 64 0010
FROM CONDUCTING	OBJECTS IN THE RANGE OF ONE QUARTER	AFCRL 64 0541
WITH THE PROBLEM OF THE	OBLIQUE DERIVATIVE, 20 MAR 1964	ARL 64 0147
PULSE TRANSMISSION AT	OBLIQUE IONOSPHERIC INCIDENCE, 5	AFCRL 64 0392
OBSERVED BY	OBLIQUE LONG&RANGE HIGH&FREQUENCY	AFCRL 64 0455
OF IONOSPHERIC	OBLIQUE SOUNDER DATA, 2 APR 1964	AFCRL 64 0408
OF CONTROLLABILITY AND	OBSERVABILITY OF LINEAR SYSTEMS	AFOSR 64-1313
LE	OBSERVATIONAL BASIS OF MACHS PRINCIP	AFOSR 64-1149
& & OBSERVATIONS OF THE	OCCULTATION OF THE CRAB NEBULA BY TH	AFCRL 64 0258
IDIAN TADPOLE. 2. THE	OCELLUS& CEREBRAL VESICLE OF THE ASC	AFOSR 64-1704
DELAYED RESPONSES IN	OCTOPUS	AFOSR 64-1686
HE CONTROL OF ATTACK BY	OCTOPUS T	AFOSR 64-1685
HE CONTROL OF ATTACK BY	OCTOPUS PAIRED CENTRES FOR T	AFOSR 64-1689
RVES AND OPTIC LOBES OF	OCTOPUS AND ELEDONE & OF OPTIC NE	AFOSR 64-1687
F SYNAPTIC STRUCTURE OF	OCTOPUS BRAIN ELECTRON MICROSCOPY O	AFOSR 64-1705
IVE LEARNING PROCESS IN	OCTOPUS VULGARIS THE POSIT	AFOSR 64-1696
OF THE VERTICAL LOBE IN	OCTOPUS VULGARIS & FUNCTION	AFOSR 64-1683
TACK LEARNING SYSTEM IN	OCTOPUS VULGARIS THE VISUAL AT	AFOSR 64-1690
IN THE VISUAL SYSTEM OF	OCTOPUS VULGARIS & AND LESIONS	AFOSR 64-1712
	ODE TO ILLITERACY	AFOSR 64-1318
ULFURIC ACID AND DILUTE	OLEUM & ACID -- IODINE MIXTURES IN S	AFOSR 64-1529
BY OPTICAL MEANS, 1 &	ONBOARD ANGLE OF ATTACK MEASUREMENT	AFCRL 64 0337
PROBLEM CONTROL OF CO-	OPERATIVE SYSTEMS - THE RENDEZVOUS	AFOSR 64-1355
TATE PERTURBA&RESOLVENT	OPERATOR FORMULATION OF STATIONARY S	AFOSR 64-1466
PROPERTIES OF TOEPLITZ	OPERATORS ALGEBRAIC	AFOSR 64-1533
& THE INDEX OF ELLIPTIC	OPERATORS ON CLOSED SURFACES O	AFOSR 64-1617
OF THE LINEAR	OPTIC EFFECT AT MICROWAVE FREQUENCIE	AFOSR 64-1345
OF OPTIC NERVES AND	OPTIC LOBES OF OCTOPUS AND ELEDONE	AFOSR 64-1687
ELECTRON MICROSCOPY OF	OPTIC NERVES AND OPTIC LOBES OF	AFOSR 64-1687
GENICULATE BODY AND	OPTIC RADIATIONS IN AWAKE AND SLEEPI	AFOSR 64-1196
ENCE OF DOPED GAAS AND&	OPTICAL ABSORPTION AND PHOTOLUMINESC	AFOSR 64-1339
MATION THEO&RESEARCH IN	OPTICAL COHERENCE AND NONLINEAR ESTI	AFOSR 64 1141
SELF BROADENING OF	OPTICAL DOUBLE RESONANCE LINES IN	AFOSR 64-1366
DEPENDENCE OF	OPTICAL HARMONIC GENERATION IN KH2PO	AFOSR 64-1344
F ATTACK MEASUREMENT BY	OPTICAL MEANS, 1 MAY 1964 & ANGLE O	AFCRL 64 0337
LONG LINE AZIMUTHS FROM	OPTICAL OBSERVATIONS OF THE ANNA	AFCRL 64 0446
FROM SIMULTANEOUS	OPTICAL OBSERVATIONS OF THE ANNA	AFCRL 64 0562
NS	OPTICAL PUMPING AND CHEMICAL REACTIO	AFOSR 64-1490
HENANTHRENE BY MOLECULE&	OPTICAL RESOLUTION OF 9-SEC. -BUTYLP	AFOSR 64-1414
A PLASMA & STUDIES ON	OPTICAL SCATTERING AS A TECHNIQUE FO	AFOSR 64 1143
PR 1964	OPTICAL STUDIES OF THE ATMOSPHERE, A	AFCRL 64 0366
SPIN RELAXATION OF	OPTICALLY PUMPED CESIUM	AFOSR 64-1361
SPIN RELAXATION OF	OPTICALLY PUMPED RUBIDIUM ATOMS IN	AFOSR 64-1491
&D STOCHASTIC PROCESSES&	OPTIMAL ADAPTIVE ESTIMATION OF SAMPL	AFOSR 64-1333
WITH CONSTRAINED INPUTS&	OPTIMAL CONTROL OF DISCRETE SYSTEMS	AFOSR 64-1312
D - DATA SYSTEMS TIME	OPTIMAL CONTROL OF NON-LINEAR SAMPLE	AFOSR 64-1559
WITH APPLICATIONS TO	OPTIMAL STOCHASTIC CONTROL THEORY	AFOSR 64-1325
IVITY CONSIDERATIONS IN	OPTIMAL SYSTEM DESIGN SENSIT	AFOSR 64-1561
BOND. VI. NATURAL	ORBITAL ANALYSIS FOR HEH POSITIVE	AFOSR 64-1522
SPHERICAL HARMONICS AND	ORBITAL PREDICTIONS JUNE 1964 & OF	AFCRL 64 0566
ICAL BOND. III. NATURAL	ORBITALS FOR H2 & TWO ELECTRON CHEM	AFOSR 64-1520
EEN COPLANAR HYPERBOLIC	ORBITS & LOW THRUST TRANSFER BETW	AFOSR 64 1140
OF FIVE - CO-	ORDINATION. PART I. NON - TRANSITIO	AFOSR 64-1530
OF FIVE - CO-	ORDINATION. PART II. TRANSITION	AFOSR 64-1531
OF FLUORINATED	ORGANIC COMPO NDS. I. THE PYROLSIS	SRL 64 0004
ELECTRON TRANSFER IN	ORGANIC COMPOUNDS & 14 MAY 1964	AFCRL 64 0431
OXIDATION OF	ORGANIC COMPOUNDS AND OF COMPETITIVE	AFCRL 64 0517
THE ANALYSIS OF CERTAIN	ORGANIC COMPOUNDS CONTAINING BASIC	AFOSR 64-1398
THERMAL STABILITY OF	ORGANIC COMPOUNDS, FINAL REPORT,	AFOSR 64-1447
OR OF CYCLOHEXANEFORMYL	ORGANIC PEROXIDES. III. THE BEHAVI	AFOSR 64-1536
STEPS OF PHOTOSYNTHETIC	ORGANISMS, 20 APR 1964&OF PIGMENT SY	AFCRL 64 0361
TEST OF THE MEDIATION &	ORGANIZATIONS AND POWERLESSNESS - A	AFOSR 64-1300
REACTIONS ON	ORGANOPHOSPHORUS ESTERS BY GRIGNARD	AFOSR 64-1509
BONYLS NEW TYPES OF	ORGANOSULFUR DERIVATIVES OF METAL CAR	AFOSR 64-1535
THE STRUCTURE OF	ORGANOZINC REAGENTS	AFOSR 64-1465
	ORIENTATION OF THE M CENTER	AFOSR 64-1238
OF EYES IN ASTRONOMICAL	ORIENTATION&ROLE OF DIFFERENT PAIRS	AFOSR 64-1701
OF A PROBLEM&	ORIENTED SYMBOL PROCESSOR, 1 MAY	AFCRL 64 0454
OF GALACTIC NEBULAE	ORION NEBULA II, 1 JUN 1963	AFCRL 63 0730
DESIGN OF THRESHOLD &	ORTHOGONAL EXPANSION APPLIED TO THE	AFOSR 64-1332
ROMAGNET EUROPIUM	ORTHOSILICATE, A NEW TRANSPARENT FER	AFOSR 64-1139
TROMAGNETIC WAVE AND AN	OSCILLATING MEDIUM, MAR 1964 & ELEC	AFCRL 64 0532
RENKOV EFFECT IN A PREC	OSCILLATING MEDIUM, 1 APR 1964 CE	AFCRL 64 0534
ON CERTAIN RELAXATION	OSCILLATIONS - ASYMPTOTIC SOLUTIONS	AFOSR 64-1570
ON CERTAIN RELAXATION	OSCILLATIONS - CONFINING REGIONS	AFOSR 64-1569
FROM GIANT QUANTUM	OSCILLATIONS IN ULTRASONIC ABSORPTIO	AFOSR 64-1254
IBRATION OF A NONLINEAR	OSCILLATOR THE SPECTRUM OF RANDOM V	AFOSR 64 1057
IDE LAMBDA & ABSOLUTE	OSCILLATOR STRENGTHS FOR CADMIUM IOD	ARL 64 0157
HIC STUDY OF VERTEBRATE	OTOLITHS A CRYSTALLOGRAP	AFOSR 64-1175
FERROMAGN&THEORY OF THE	OVERHAUSER EFFECT IN FERRO- AND ANTI	AFOSRTN59 133
FOR THE EXISTENCE OF	OVERLAPPING VALENCE AND CONDUCTION	AFOSR 64-1250
OXALATICUS -	OX 1-.7. DECARBOXYLATION OF OXALYL-C	AFOSR 64-1189
IRON-II- AND COBALT-II-	OXALATES. & OF 57CO -57FE ON	AFOSR 64-1503
BY PSEUDOMONAS	OXALATICUS -OX 1-.7. DECARBOXYLATION	AFOSR 64-1189
DECARBOXYLATION OF	OXALYL-COENZYME A TO FORMYL COENZYME	AFOSR 64-1189
M AT 850 &THE PARABOLIC	OXIDATION KINETICS OF ALPHA ZIRCONIU	AFOSR 64-1227
HE TEMPERATURE RANGE&THE	OXIDATION KINETICS OF ZIRCONIUM IN T	AFOSR 64-1226
ON A SEMI -&THE ANODIC	OXIDATION OF CHLORIDE TO PERCHLORATE	AFOSR 64-1506
OF ELECTROLYTIC	OXIDATION OF ORGANIC COMPOUNDS AND	AFCRL 64 0517
SION SPECTRUM OF NITRIC	OXIDE IN THE NEAR INFRARED, MAY 1964	AFCRL 64 0583
IODINE	OXIDE PENTAFLUORIDE	AFOSR 64-1532
DECOMPOSITION OF NITROUS	OXIDE, SEP 1964 SHOCK TUBE D	ARL 64 0143
PLUS IN ALKALINE EARTH	OXIDES & OF THE GROUND STATE OF EU2	AFOSR 64-1204
CAL CONDUCTION IN METAL	OXIDES OXYGEN VACANCIES AND ELECTRI	AFOSR 64-1230
TERTIARY PHOSPHINE	OXIDES FROM DIPHENYL PHENYLPHOSPHONA	AFOSR 64-1510
BEHAVIOR OF REFRACTORY	OXIDES II, AUG 1964 THE ELECTRICAL	ARL 64 0127
OF SOLID NITROGEN	OXIDES. SODIUM HYPONITRITE - POTASSI	AFOSR 64-1469
NS OF IODOS&CATIONS AND	OXY CATIONS OF IODINE. II. SOLUTIO	AFOSR 64-1529
FLUORESCENCE BY	OXYGEN AND DIACETYL IN SOLUTION,	ARL 64 0121
FLOWS OF DISSOCIATED	OXYGEN AND IONIZED ARGON AROUND A	AFOSR 64 0075
UCTURES PART 3, CARBON&	OXYGEN BONDS, 8 MAY 1964 & BOND STR	AFCRL 64 0508
THREE&PHASE ZONE OF AN	OXYGEN ELECTRODE & 30 JUNE 1964& THE	AFCRL 64 0539
AND PARTIAL PRESSURE OF	OXYGEN ON RHYTHMIC POTENTIALS FROM	AFOSR 64-1172
UCTION IN METAL OXIDES	OXYGEN VACANCIES AND ELECTRICAL COND	AFOSR 64-1230
ON DIOXIDE, ENRICHED IN	OXYGEN 18 INFRARED SPECTRUM OF CARB	AFOSR 64-1548
RAYLEIGH, AEROSOL, AND	OZONE ATTENUATING COMPONENTS IN THE	AFCRL 64 0400
PROCESSES ON THE	OZONE DISTRIBUTION & AUGUST 1964	AFCRL 64 0501

& AUGUST 1964	ZONE VARIATIONS AND THEIR RELATION	AFCRL 64 0501
PERICA & VOLUME 2 JULY&	OZONESONDE OBSERVATIONS OVER NORTH A	AFCRL 64 0030
NAL FUNCTIONS OF BEST &	PADE APPROXIMANTS AS LIMITS OF RATIO	AFOSR 64-1621
TACK BY OCTOPUS	PAIRED CENTRES FOR THE CONTROL OF AT	AFOSR 64-1649
ON A	PAPER OF A. PELCZAMEN	AFOSR 2699
A ZIRCONIUM AT 850 &THE	PARABOLIC OXIDATION& KINETICS OF ALPH	AFOSR 64-1227
I IN ANTIMONY	PARALLEL FIELD MAGNETOACOUSTIC EFFEC	AFOSR 64-1222
ELASTIC MEASUREMENTS BY	PARALLEL PUMPING, APR 1964 & MAGNETO	AFCRL 64 0265
OF TYPE II & TRANSVERSE	PARAMAGNETIC EFFECT IN AN IRREVERSIB	AFOSR 64-1584
	PARAMAGNETIC RESONANCE	AFOSR 64-1572
AND INTERNAL WAVES, &	PARAMETRIC AMPLIFICATION OF SURFACE	AFOSR 64-1662
RLS & 1 SEPTEMBER 1964	PARAMETRIC AMPLIFIER ANTENNA STRUCTU	AFCRL 64 0648
DESIGN OF THE DIPOLE	PARAMETRIC AMPLIFIER ANTENNA, 1 MAY	AFCRL 64 0447
NETWORK ANALYSIS - THE	PARAMETRIC APPROACH NONLINEAR	AFOSR 64-1966
AT UNIVERSITY	PARK, PENNSYLVANIA, FOR JANUARY&FEBR	AFCRL 64 0451
CROSSED FIELD CHARGED	PARTICLE DELAY LINES	AFOSR 64-1353
INVESTIGATE THE CHARGED	PARTICLE FLUX IN THE NEAR&EARTH	AFCRL 64 0435
- PION AND ELEMENTARY	PARTICLE SCATTERING, FINAL REPORT,	AFOSR 64-1727
BY INJECTION OF CHARGED	PARTICLES PLASMA HEATING	AFOSR 64 1142
TRICALLY SPRAYED LIQUID	PARTICLES & TO MASS RATIO OF ELEC	AFOSR 64-1478
CTRICALLY SPRAYED HEAVY	PARTICLES PHOTOMICROGRAPHY OF ELE	AFOSR 64-1671
EXTRATERRESTRIAL	PARTICLES & 30 APRIL 1964	AFCRL 64 0540
PHYSICAL CONTINUUM WHEN	PARTICLES ARE REGARDED AS DISTINCTIO	AFOSR 64-1380
SCATTERING OF ALPHA	PARTICLES BY C12 IN THE BOMBARDING	AFOSR 64 1146
ELASTIC COLLISIONS OF	PARTICLES FROM A UNIDIRECTIONAL	ARL 64 0129
NG OF 6-TO 19-MEV ALPHA	PARTICLES FROM CARBON & SCATTERI	AFOSR 64 1147
C PINNCH PLASMA CHARGED	PARTICLES FROM THE ENDS OF A MAGNETI	AFOSR 64-1673
OF MACROSCOPIC LIQUID	PARTICLES UNDER PULSED CONDITIONS	AFOSR 64-1470
OF FAST CHARGED	PARTICLES WITH A PLASMA, JUL 1964	ARL 64 0111
FILTERS WITH NARROW	PASSBANDS & PART 1. RANGE 3000 TO	AFCRL 63 0679
FUNCTIONS WITH WEIGHTED	PASSBAND RESPONSE AND STEEPEST STOPB	AFOSR 64-1730
IDE & THE FORMATION OF	PASSIVATING INTERNAL INDIUM SESQUIOX	ARL 64 0158
AIN RESEARCH AND SPEECH	PATHOLOGY LINGUISTICS, BR	AFOSR 64-1392
FOR SPURIOUS FRAGMENT	PEAKS ARISING FROM CHARGE TRANSFER	AFCRL 64 0519
TUNNEL&ANOMALOUS CURRENT	PEAKS IN THE I-V CHARACTERISTIC FOR	AFOSR 64-1571
ON THE STABILITY OF	PEER JUDGMENTS IN INDEPENDENT SITUAT	AFOSR 64-1484
THE NUCLEAR BURST AS A	PENETRATION AID. VOL III & WEAPONS	AFCRL 64 0196
AT UNIVERSITY PARK,	PENNSYLVANIA, FOR JANUARY&FEBRUARY&M	AFCRL 64 0451
IODINE OXIDE	PENTAFLUORIDE	AFOSR 64-1532
& OUTER EDGE OF SUNSPOT	PENUMBRAS, 1964 & EFFECT AT TH	AFCRL 64 0619
ON THE PRODUCTION AND	PERCEPTION OF SPEECH & JUNE 1964	AFCRL 64 0474
YSIOLOGICAL RESPONSE TO	PERCEPTUAL ISOLATION & THE PSYCHOPH	AFOSR 64-1304
	PERCEPTUAL MOTOR SKILL LEARNING	AFOSR 64-1164
M SULFATE, NITRATE, AND	PERCHLORATE & SOLUTIONS OF INDIU	AFOSR 64-1403
XIDATION OF CHLORIDE TO	PERCHLORATE ON A SEMI - MICRO SCALE	AFOSR 64-1506
RULES OF THE FLOW OF A	PERFECTLY CONDUCTING GAS WITH AN	ARL 64 0113
ECTS IN MONKEYS A	PERIMETRIC STUDY OF VISUAL FIELD DEF	AFOSR 64-1295
HE BASIS OF A METHOD OF	PERIMETRY WITH MONKEYS T	AFOSR 64-1296
APPLICATIONS TO FUNCT&	PERIODIC MOTIONS IN BANACH SPACE AND	AFOSR 3150
RETINAL UNITS SLOW	PERIODICITY IN THE DARK DISCHARGE OF	AFOSR 64-1710
OF A 26& OR 27&MONTH	PERIODICITY IN THE EQUATORIAL GEOMAG	AFCRL 64 0415
MI STATES&PHEROIDAL FREE	PERIODS OF THE EARTH OBSERVED AT EIG	AFCRL 64 0419
	PERMANENTS OF -C,1- -&CIRCULANTS	AFOSR 64-1321
LT	PEROXIDE DECOMPOSITION AND CAGE EFFE	AFOSR 2062
OF CYCLOHEXANEFORMYL	PEROXIDE IN THE PRESENCE OF EXCESS	AFOSR 64-1534
CLOHEXANEFORMYL&ORGANIC	PEROXIDES. III. THE BEHAVIOR OF CY	AFOSR 64-1534
S OF CHLORINE ATOMS AND	PEROXY RADICALS & II. REACTION	AFOSR 64-1904
BENZYLIC ETHERS TOWARD	PEROXY RADICALS & ARALKENES, AND	AFOSR 64-1905
HE OTHER PLAYER AND TWO	PERSON GAME BEHAVIOR & STRATEGY OF T	AFOSR 64-1157
ELATED TO BIRTH & SOME	PERSONALITY AND BEHAVIORAL FACTORS R	AFOSR 2984
VATIONS AND EXPERIMENTS	PERTINENT TO AURORAL THEORIES, 1964	AFCRL 64 0625
OF FUNDAMENTAL FACTORS	PERTINENT TO MICROBIOLOGICAL WASTE	AFCRL 64 0341
IR CORRELATION FUNCTIO&	PERTURBATION CALCULATION OF MIXED PA	AFOSR 64-1526
U FOR TREATING SINGULAR	PERTURBATION PROBLEMS & METHO	AFOSR 64-1306
ION OF STATIONARY STATE	PERTURBATION THEORY & FORMULAT	AFOSR 64-1466
& JUNE 1964 SATELLITE	PERTURBATIONS DUE TO ZONAL GRAVITATI	AFCRL 64 0566
MAGNETIC & IONOSPHERIC	PERTURBATIONS, SOLAR FLARES, AND GEO	AFCRL 64 0455
HE UPTAKE&EFFECTS OF SOME	PHARMACOLOGICALLY ACTIVE AMINES ON T	AFOSR 64-1186
NDUCTING HUME - ROTHERY	PHASE SUPERCO	AFOSR 64-1218
THE MEASUREMENT OF	PHASE AND AMPLITUDE RADIO WAVE INTER	AFCRL 64 0491
OF AN AUTOMATIC	PHASE CONTROL SYSTEM TO FM SIGNALS	AFOSR 4502
CTOR MAGNETIC & INITIAL	PHASE OF A BASIC SYSTEM STUDY FOR VE	AFCRL 64 0322
MINANT ZERO AND EXCESS	PHASE OF A HURWITZ POLYNOMIAL D	AFOSR 64-1374
KING THE PRE INCUBATION	PHASE OF THE BREEDING CYCLE & / DU	AFOSRTN60 253
CHLORIDE AND MASS & GAS	PHASE REACTIONS BETWEEN CARBON TETRA	AFOSR 64-1543
OF FIRST ORDER MAGNETIC	PHASE TRANSITIONS, OCT 1963	AFCRL 64 0464
NEAR THE THREE&	PHASE ZONE OF AN OXYGEN ELECTRODE &	AFCRL 64 0539
OF LAVES	PHASES CONTAINING LANTHANIDE METALS	AFOSR 64-1513
. SATURATED KETONES AND	PHENOL II. UNSATURATED KETONES & I	AFOSR 64-1401
AID. VOL III & WEAPONS	PHENOMENOLOGY CODE BWEPH II8, 31	AFCRL 64 0196
SOME N - BUTYL AND	PHENYL PHOSPHONIUM SALTS	AFOSR 64-1489
OXIDES FROM DIPHENYL	PHENYLPHOSPHONATE - A CONVENIENT	AFOSR 64-1510
UNSYMMETRICAL TERTIARY	PHOSPHINE OXIDES FROM DIPHENYL PHENY	AFOSR 64-1510
ME N - BUTYL AND PHENYL	PHOSPHONIUM SALTS SO	AFOSR 64-1489
YE&SULPHYDRYL PROTEIN &	PHOTO&INDUCED ELECTRON TRANSFER IN D	AFCRL 64 0416
AL REPORT, &RESEARCH IN	PHOTOBIOLOGY AND PHOTOCHEMISTRY, FIN	AFOSR 64-1192
R AND OF & STUDY OF THE	PHOTOCATALYZED DECOMPOSITION OF WATE	AFCRL 64 0431
IN PHOTOBIOLOGY AND	PHOTOCHEMISTRY, FINAL REPORT, JUN	AFOSR 64-1192
ECULES AND &THE PRIMARY	PHOTOCHEMICAL PROCESS IN COMPLEX MOL	AFOSR 64-1688
LYSIS.III. PHOTOLYSIS &	PHOTOCHEMICAL STUDIES IN FLASH PHOTO	AFOSR 64-1410
ELECTRON&TRAPPING AND	PHOTOCONDUCTION IN GLASSES, 2 APR	AFCRL 64 0298
PHONON PROCESSES IN THE	PHOTOCONDUCTIVITY OF INSB MULTI	AFOSR 64-1245
IN ANODIZED INSB	PHOTOCONTROLLED SURFACE CONDUCTANCE	AFOSR 64-1744
RECOGNIZING PATTERNS IN	PHOTOGRAPHS & 1 MAY 1964	AFCRL 64 0640
FOR STREAK SCHLIEREN	PHOTOGRAPHY OF HIGH SPEED EVENTS	AFOSR 64-1672
ENCY DETECTION AND FAST	PHOTOGRAPHY, MAY 1964 & BEAT FREQU	AFCRL 64 0434
SPECTROMETER JAN 1964	PHOTOIONIZATION STUDIES USING A MASS	AFCRL 64 0106
ND PHOTOCONDUCTION IN &	PHOTOIONIZATION, ELECTRON&TRAPPING A	AFCRL 64 0298
OPTICAL ABSORPTION AND	PHOTOLUMINESCENCE OF DOPED GAAS AND	AFOSR 64-1339
FLASH PHOTOLYSIS.III.	PHOTOLYSIS OF ACETONE IN DIFFERENT	AFOSR 64-1410
STUDIES IN FLASH	PHOTOLYSIS.III. PHOTOLYSIS OF ACETON	AFOSR 64-1410
964	PHOTOMETABOLISM, FINAL REPORT, JUN 1	AFOSR 64-1269
IODINE WITH ACTIVE &	PHOTOMETRIC STUDY OF THE REACTION OF	AFOSR 64-1518
AYED HEAVY PARTICLES	PHOTOMICROGRAPHY OF ELECTRICALLY SPR	AFOSR 64-1671
CHARACTERISTICS OF	PHOTON COUPLED SYSTEMS	AFOSR 64-1338
A COUPLING FACTOR IN	PHOTOPHOSPHORYLATION	AFOSR 64-1178
A COUPLING FACTOR IN	PHOTOPHOSPHORYLATION	AFOSR 64-1181
EXCHANGE ACTIVITY TO	PHOTOPHOSPHORYLATION IN SWISS CHARD	AFOSR 64-1177
ON THE COUPLING OF	PHOTOPHOSPHORYLATION TO ELECTRON	AFOSR 64-1185
EGGE POLE THEORY OF THE	PHOTOPRODUCTION OF PIONS R	AFOSR 64-1155
COMBINED WAVELENGTHS ON	PHOTOSYNTHESIS, FINAL REPORT, MAY	AFOSR 64-1650
OF PIGMENT SYSTEMS OF	PHOTOSYNTHETIC ORGANISMS, 20 APR	AFCRL 64 0361
RESEARCH ON	PHOTOVOLTAIC CELLS, SEP 1964	ARL 64 0142
THE CONVENTIONAL	PHYSICAL CONTINUUM WHEN PARTICLES	AFOSR 64-1380
& JUNE 1964 METHODS OF	PHYSICAL GEODESY & JUNE 1964 A	AFCRL 64 0566
IONS, FINAL REPORT, &	PHYSICAL PHENOMENA FOR LOGICAL FUNCT	AFOSR 64-1379
SUBSTITUTED FLUIDS, &	PHYSICAL PROPERTIES OF ISOTOPICALLY	AFOSR 64-1417
ZONE&PART II& THE	PHYSICAL PROPERTIES OF THE EMISSIONS	AFCRL 64 0628

ON THE PRODUCTION AND	PHYSICS OF SINGLE CRYSTAL EMITTERS,	AFCRL 64 0410
BRAIN STRUCTURES ON	PHYSIOLOGICAL FUNCTIONS FINAL REPORT	AFOSR 64-1272
ON THE STRUCTURE AND	PHYSIOLOGY OF THE EYES OF A LYCOSID	AFOSR 64-1701
CODING COLOR	PICTURES	AFOSR 64-1354
ROPERTIES OF TELEVISION	PICTURES & JUNE 1964 AREA P	AFCRL 64 0478
UTILIZATION OF TIROS	PICTURES OF SOME SELECTED STUDIES	AFCRL 64 0327
NUCLEAR INHIBITION IN THE	PIGEON & FRENCH & & THE EFFERENT COC	AFOSR 64-1191
BEHAVIOUR OF THE	PIGEON / COLUMBA LIVIA / DURING THE	AFOSRTN60 253
QUANTITATIVE STUDIES ON	PIGMENT MIGRATION AND LIGHT SENSITIV	AFOSR 64-1699
SENSITIVITY AND	PIGMENT POSITION IN THE COMPOUND	AFOSR 64-1713
GANISMS, 20 & STUDY OF	PIGMENT SYSTEMS OF PHOTOSYNTHETIC OR	AFCRL 64 0361
MECHANISM OF SPIN WAVE	PINNING IN SOME FERROMAGNETIC FILMS	AFOSR 64-1247
SCATTERING, & THEORY OF	PION - PION AND ELEMENTARY PARTICLE	AFOSR 64-1727
ING, & THEORY OF PION -	PION AND ELEMENTARY PARTICLE SCATTER	AFOSR 64-1727
THE PHOTOPRODUCTION OF	PIONS REGGE POLE THEORY OF	AFOSR 64-1155
ELECTRO PRODUCTION OF	PIONS FROM NUCLEI	AFOSR 64-1154
EASURE OF ASYMMETRY FOR	PLANE CONVEX SETS A M	AFOSR 4505
INTERACTION BETWEEN A	PLANE ELECTROMAGNETIC WAVE AND AN	AFCRL 64 0532
SOLUTIONS OF THE	PLANE RESTRICTED THREE BODY PROBLEM	AFOSR 64 0861
S FROM A UNIDIRECTIONAL	PLANE SOURCE, AUG 1964 & OF PARTICLE	ARL 64 0129
TRON COLLISIONS IN NECH	PLASMA ELEC	AFOSR 64-1360
CONDUCTIVITY IN A SEEDED	PLASMA NON EQUILIBRIUM ELECTRICAL C	AFOSR 64 0849
ERSED IN A COMPRESSIBLE	PLASMA & PARTS I AND II & 8 MAY 1964	AFCRL 64 0472
A STUDY OF THE	PLASMA BOUNDARY, SEP 1964	ARL 64 0130
RING AS A TECHNIQUE FOR	PLASMA DIAGNOSTICS&ON OPTICAL SCATTE	AFOSR 64 1143
OF COOLING STELLAR	PLASMA EMITTING NEUTRINOS, 10 JUN	AFCRL 64 0520
ED PARTICLES	PLASMA HEATING BY INJECTION OF CHARG	AFOSR 64 1142
UDE CAUSED BY A GYRATI&	PLASMA INSTABILITY IN THE WHISTLER M	AFOSR 64-1376
CATION & JUNE 1964	PLASMA PRODUCED ANTENNA PATTERN DIST	AFCRL 64 0511
, FINAL REPORT, MAY &	PLASMA PROPERTIES BY MOMENTUM CHANGE	AFOSR 64 1000
CHARACTERISTICS OF THE	PLASMA RESONANCE PROBE, SEP 1964	ARL 64 0139
, & A RELATIONSHIP FOR	PLASMA SHEATHS ABOUT LANGMUIR PROBES	AFCRL 64 0429
WAVE SURFACE MODE IN A	PLASMA WAVEGUIDE A BACKWARD	AFOSR 64-1373
OF LONGITUDINAL	PLASMA WAVES BY NONLINEAR COUPLING	AFCRL 64 0533
US OF A MAGNETIC MIRROR	PLASMA&CHARGED PARTICLES FROM THE EN	AFOSR 64-1673
HARGED PARTICLES WITH A	PLASMA, JUL 1964 & OF FAST C	ARL 64 0111
C WAVES IN AN ISOTROPIC	PLASMA, JUN 1964 & OF HARMONI	AFCRL 64 0378
LECTROACOUSTIC WAVES IN	PLASMA, 8 JUN 1964 & AND E	AFCRL 64 0473
IN BOUNDED GYROELECTRIC	PLASMAS MICROWAVE INTERACTION WI	AFOSR 64 0003
ESCRIPTION OF CLASSICAL	PLASMAS APR 1964&ON THE COLLECTIVE D	ARL 64 0140
TRAL SPECIES IN THERMAL	PLASMAS 24 AUGUST 1964&IONIC AND NEU	AFCRL 64 0515
ECP ANALYSIS OF ANNULAR	PLATES A FURTHER NOTE ON THE CR	AFOSR 64 1039
DA METHOD FOR POLYGONAL	PLATES& VALUE PROBLEMS III. THE LAMB	AFOSR 64-1294
RUCTION BY MEANS OF THE	PLATO SIMULATED LABORATORY & INST	AFOSR 64-1359
, STRATEGY OF THE OTHER	PLAYER AND TWO PERSON GAME BEHAVIOR	AFOSR 64-1157
IN ESCHERICHIA & HIGH	PLEIOTROPY OF STREPTOMYCIN MUTATIONS	AFOSR 64-1714
RESHOLD DATA &AUTOMATIC	PLOTTING OF SPIN&WAVE INSTABILITY TH	AFCRL 64 0439
5. -CH3- 3PO AND NBCL5.	POCL3 & THE ADDUCTS SBCL5.POCL3.SBCL	AFOSR 64-1551
OF THE ADDUCTS SBCL5.	POCL3.SBCL5. -CH3- 3PO AND NBCL5.POC	AFOSR 64-1551
FAST DIRECT SOLUTION OF	POISSONS EQUATION USING FOURIER	AFOSR 64-1330
ND RADICAL&NATURE OF THE	POLAR EFFECT IN REACTIONS OF ATOMS A	AFOSR 64-1504
UN STUDY, 30 JUN 1964	POLAR HIGH FREQUENCY RADIO PROPAGATI	AFCRL 64 0365
FREQUENCY DEPENDENCE OF	POLARIZA& TION OF THE LIGHT OF THE	AFCRL 64 0442
AMEL WITH REFERENCE TO&	POLARIZATION MICROSCOPY OF DENTAL EN	AFOSR 64-1691
PROPERTIES OF PARTIALLY	POLARIZED ELECTROMAGNETIC RADIATION,	AFCRL 64 0460
HIGH&POWER CIRCULARLY	POLARIZED TRANSVERSE WAVES, 1 APR	AFCRL 64 0533
KEL -II- COMP&CATALYTIC	POLAROGRAPHIC CURRENT OF CERTAIN NIC	AFOSR 64-1398
ATION CONSTANTS OF &	POLAROGRAPHIC EVALUATION OF THE FORM	AFOSR 64-1515
SYSTEM WHICH EXHIBITS A	POLAROGRAPHIC MAXIMUM & STUDY OF A	AFOSR 1322
F ELECTRONS INVOLVED IN	POLAROGRAPHIC REDUCTIONS & NUMBER O	AFOSR 788
A SENSITIVE	POLAROGRAPHIC TECHNIQUE, MAY 1961	AFOSR 789
H EXHIBITS&CURRENT-SCAN	POLAROGRAPHY, STUDY OF A SYSTEM WHIC	AFOSR 1322
D RESPONSE&NOTES ON ALL -	POLE FUNCTIONS WITH WEIGHTED PASSBAN	AFOSR 64-1730
F PIONS REGGE	POLE THEORY OF THE PHOTOPRODUCTION O	AFOSR 64-1155
HANNEL S MATRIX	POLES AND SHADOW POLES IN THE MANY C	AFOSR 64-1150
POLES AND SHADOW	POLES IN THE MANY CHANNEL S MATRIX	AFOSR 64-1150
CONFIGURATION OF THE	POLY&- -DIMETHYLSILOXANE- CHAIN. I.	AFOSR 64-1492
AND THE & POLYBASIC AND	POLYACIDIC SUBSTANCES OR AGGREGATES	AFOSR 64-1703
OR AGGREGATES AND THE &	POLYBASIC AND POLYACIDIC SUBSTANCES	AFOSR 64-1703
NATURAL SPECTRUM OF	POLYCRYSTALLINE YIG AS A FUNCTION	AFOSR 64-1246
COEFFICIENT OF THE	POLYDIMETHYLSILOXANE CHAIN CONFIGURA	AFOSR 64-1494
. THE LAMBDA METHOD FOR	POLYGONAL PLATES& VALUE PROBLEMS III	AFOSR 64-1294
SECANTS FOR FAMILIES OF	POLYHEDRA COMMON	AFOSR 2698
OF GEODESICS ON CERTAIN	POLYHEDRA & AND THE SIMPLICITY	AFOSR 64-1635
M FOR HOMOGENEOUS IONIC	POLYMERIZATION & TWO STATE MECHANIS	AFOSR 64-1546
CESS PHASE OF A HURWITZ	POLYNOMIAL DOMINANT ZERO AND EX	AFOSR 64-1374
ON THE USE OF CHEBYSHEV	POLYNOMIALS FOR INTEGRATION OF ORDIN	AFOSR 6.-1293
CTIONS BY TRIGONOMETRIC	POLYNOMIALS& APPROXIMATION OF LP FUN	AFOSR 3327
AMPLES FROM TWO RELATED	POPULATIONS&OF ORDER STATISTICS IN S	AFOSR 64-1609
EMPERATURE FUNCTIONS OF	PORITSKY AND POWELL & TERMS OF THE T	AFOSR 1009
LICATIONS TO IMPROPERLY	POSED PROBLEMS & EQUATIONS AND APP	AFOSR 64-1591
IC MOMENT AUGUST & THE	POSITION AND SIGN OF JUPITERS MAGNET	AFCRL 64 0502
RFACES FERMI LEVEL	POSITION AT METAL SEMICONDUCTOR INTE	AFOSR 64-1391
SENSITIVITY AND PIGMENT	POSITION IN THE COMPOUND EYE OF	AFOSR 64-1713
L OBSERVATIONS&GEODETIC	POSITIONING FROM SIMULTANEOUS OPTICA	AFCRL 64 0562
RBITAL ANALYSIS FOR HEH	POSITIVE & BOND. VI. NATURAL O	AFOSR 64-1522
ON MATRICES WITH	POSITIVE INVERSE	AFOSR 64-1736
COLLISIONS WITH	POSITIVE IONS. ION&MOLECULE REACTIO	AFCRL 64 0545
COLLISIONS WITH	POSITIVE IONS. ION&MOLECULE REACTIO	AFCRL 64 0578
VULGARIS THE	POSITIVE LEARNING PROCESS IN OCTOPUS	AFOSR 64-1686
GROUND STATE OF THE HEH	POSITIVE MOLECULE ION	AFOSR 64-1524
ON THE TOPOLOGY OF	POSITIVELY CURVED KAEHLER MANIFOLDS	AFOSR 64-1617
N OF SYMPATHETIC NERVE&	POST GANGLIONIC CHOLINERGIC MEDIATIO	AFOSR 64-1649
SODIUM HYPONITRITE -	POTASSIUM NITRITE, FINAL REPORT,	AFOSR 64-1469
OCCURRING INSIDE THE	POTENTIAL BARRIER & JUNE 1964	AFCRL 64 0519
ECTRONS THROUGH SURFACE	POTENTIAL BARRIERS & OF EL	AFOSR 64-1219
STRUCTURE, AND	POTENTIAL CONSTANTS OF NITRIC ACID	AFCRL 64 0651
OV CHAINS	POTENTIAL KERNELS FOR RECURRENT MARK	AFOSR 64-1637
ON THE SURFACE	POTENTIAL OF A FREE ELECTRON METAL	AFOSR 64-1220
FOR THE HARTREE - FOCK	POTENTIAL OF NEUTRAL ATOMS AND FOR	AFOSR 64-1538
OF OXYGEN ON RHYTHMIC	POTENTIALS FROM GIANT NEURONS	AFOSR 64-1172
EXPRESSIONS FOR	POTENTIALS OF NEUTRAL THOMAS - FERMI	AFOSR 64-1499
T MEDIA FOR EQUILIBRIU&	POTENTIOMETRIC PURITY CONTROL OF SAL	AFOSR 64-1458
NCTIONS OF PORITSKY AND	POWELL & TERMS OF THE TEMPERATURE FU	AFOSR 1009
HIGH EFFICIENCY AT LOW	POWER & JUNE 1964 & CONVERTERS FOR	AFCRL 64 0558
COUPLING OF TWO HIGH&	POWER CIRCULARLY POLARIZED TRANSVERS	AFCRL 64 0533
AL DEVICE,&AVAILABLE AC	POWER FROM AN ACTIVE REAL TWO&TERMIN	AFCRL 64 0513
ES OF CONSTANT IONIZING	POWER& D9 CHLORIDE IN SOLVENT MIXTUR	AFOSR 64-1528
ION & ORGANIZATIONS AND	POWERLESSNESS - A TEST OF THE MEDIAT	AFOSR 64-1300
PACE	POWERS OF A CONTRACTION IN HILBERT S	AFOSR 64-1636
S IN LATE TYPE MODEL &	PREDICTED FLUXES AND LINE INTENSITIE	AFOSR 64-1397
ANOMALIES THROUGH &THE	PREDICTION OF POINT AND MEAN GRAVITY	AFCRL 64 0575
L HARMONICS AND ORBITAL	PREDICTIONS JUNE 1964 & OF SPHERICA	AFCRL 64 0566
OTIATION, FINAL REPORT&	PREDICTIVE MODEL FOR INTRA-GROUP NEG	AFOSR 64-1440
F THE CATS & EFFECTS OF	PRESSO AND CHEMOCEPTIVE COMPONENTS O	AFOSR 64-1179
EFFECT WITH INCREASING	PRESSURE DECREASING SORPTION	AFOSR 64-1737
FUR EXPERIMENTS AT HIGH	PRESSURE & 300 DEGREES K, ADAPTABLE	AFOSR 64-1240
EFINING ATMOSPHERIC &	PRESSURE AND DENSITY SCALE HEIGHTS D	AFCRL 64 0490

CN MEASUREMENT CF	PRESSURE INDUCEC SHIFTS OF ABSORPTIO	AFCRL 64 0629
OF CHANGES IN PARTIAL	PRESSURE OF CARBON DIOXIDE ANC PARTI	AFOSR 64-1172
DIOXIDE AND PARTIAL	PRESSURE OF OXYGEN ON RHYTHMIC PCTEN	AFOSR 64-1172
OF IUGOBC ANC	PRESSURE CF 50 KM & NOVEMBER 1963	AFCRL 64 0633
TEMPERATURE, AND	PRESSURE, UP TO 115 KM & JULY 1964	AFCRL 64 0554
ADENOSINE 5	PRIME DIPHOSPHATE EXCHANGE ACTIVITY	AFOSR 64-1177
OF THE ACENOSINE 5	PRIME TRIPHOSPHATE ADENOSINE 5 PRIME	AFOSR 64-1177
SYNTHESIS OF	PROBABILISTIC CCMMUNICATION NETS	AFOSR 64-1558
CF CCNDITICNAL	PROBABILITY DENSITY FUNCTIONS, WITH	AFUSR 64-1325
PACE RESE&THE RESCNANCE	PROBE & A TOOL FOR IONOSPHERIC AND S	ARL 64 0137
IS FOR THE CALCRIMETRIC	PROBE, AUG 1963 SENSITIVITY ANALYS	ARL 64 0125
A HIGH&ALTITUCE ROCKET	PROBE, JUL 1964&MC AND 2.200 MC FRCM	AFCRL 64 0596
OF THE PLASMA RESONANCE	PROBE, SEP 1964 CHARACTERISTICS	ARL 64 0139
RESONANCE	PROBES FOR HIGH TEMPERATURE MAGNETIC	AFOSR 64-1549
SHEATHS ABOUT LANGMUIR	PROBES, JAN 1964 & FOR PLASMA	AFCRL 64 0429
TIVE ICNOSPHERIC ROCKET	PROBES, 15 MAY 1964 & FROM CAPACI	AFCRL 64 0529
NGERANGE HIGH&FREQUENCY	PROBING & JUNE 1964 & BY OBLIQUE LO	AFCRL 64 0455
& SINGULAR PERTURBATION	PROBLEMS & METHOD FOR TREATIN	AFUSR 64-1306
FADJOINT BOUNDARY VALUE	PROBLEMS & EXPANSIONS AND NON-SEL	AFOSR 64-1601
UNS TO IMPROPERLY POSED	PROBLEMS & EQUATIONS AND APPLICATI	AFOSR 64-1591
LINEAR BOUNCARY VALUE	PROBLEMS III. THE LAMBDA METHOD FOR	AFOSR 64-1294
& COMBUSTION REVIEW OF	PROBLEMS IN APPLICATION OF SUPERSONI	AFOSR 64-1471
INEQUALITY CCNSTRAINT	PROBLEMS IN THE CALCULUS OF VARIATIO	AFOSR 64-1347
, THE & ELASTCSTATICS	PROBLEMS WITH UNILATERAL CONSTRAINTS	ARL 64 0120
ACJOINT BOUNCARY VALUE	PROBLEMS&EIGENVALUES OF NON - SELF -	AFOSR 64-1733
FADJOINT BOUNDARY VALUE	PROBLEMS&REPRESENTATIONS FOR NON-SEL	AFOSR 64-1600
A BRANCHING STOCHASTIC	PROCESS LIMIT DISTRIBUTIONS OF	AFOSR 64-1721
PRIMARY PHCTOCHEMICAL	PROCESS IN COMPLEX MOLECULES AND	AFOSR 64-1688
THE PCSITIVE LEARNING	PROCESS IN OCTOPUS VULGARIS	AFOSR 64-1684
CATION CF DISCRETE TIME	PROCESSES THE PROBLEM OF IDENTIFI	AFOSR 64-1197
ENERAL THEORY OF MARKOV	PROCESSES ACCORDING TO DOEBLIN&THE G	AFOSR 64-1603
RANE USE OF GAS - ICN	PROCESSES IN MOCELING EXCITABLE MEMB	AFOSR 64-1696
LEEPING ACTIVE	PROCESSES IN THE BRAIN STEM DURING S	AFOSR 64-1709
, JUL 1964 ELECTRICAL	PROCESSES IN THE NIGHTTIME EXOSPHERE	AFCRL 64 0552
F INSB MULTIPHONON	PROCESSES IN THE PHOTOCONDUCTIVITY O	AFOSR 64-1245
ANC CF COMPETITIVE	PROCESSES INVOLVING HYDROGEN AT THE	AFCRL 64 0517
STRATOSPHERIC TRANSPORT	PROCESSES ON THE OZONE DISTRIBUTION	AFCRL 64 0501
CF MULTIPLE SPIN FLIP	PROCESSES TO PRODUCE TRANSITIONS	AFCRL 64 0243
FRONS &ATCMIC CCLLISION	PROCESSES. RADIATIVE CAPTURE CF ELEC	AFOSR 64-1512
N CF SAMPLED STOCHASTIC	PROCESSES&OPTIMAL ADAPTIVE ESTIMATIO	AFOSR 64-1333
RESEARCH CN CECISICN	PROCESSES, FINAL REPORT, JUL 1964	AFOSR 64-1439
VISUAL INFCRMATICN	PROCESSING IN THE BEETLE LIXUS	AFOSR 64-1697
PROBLEM&ORIENTED SYMBCL	PROCESSOR, 1 MAY 1964 & OF A	AFCRL 64 0454
TABLES AND THEIR APPLI&	PRODUCTS AND QUCTIENTS OF RANDOM VAR	ARL 64 0115
EFFECTS CN KINETICS AND	PRODUCTS OF ACIC REARRANGEMENT OF	AFOSR 64-1556
RIATIONS IN THE DOPPLER	PROFILE HA IN AURORAE, 1964 VA	AFCRL 64 0626
ROUGHNESS AND THE WIND	PROFILE 30 APRIL 1964 & OF TERRAIN	AFCRL 64 0402
AND VELOCITY	PROFILES CURING BREAKDOWN OF A NOCTU	AFCRL 64 0584
ELECTRCN DENSITY	PROFILES FROM CAPACITIVE IONOSPHERIC	AFCRL 64 0529
WINC AND TEMPERATURE	PROFILES NEAR THE GROUND IN STABLE	AFCRL 64 0401
ACE&OAR CCNTRIBUTICN TO	PROGRAMMEC INSTRUCTION, AUG 1964& FO	OAR 64 0010
ENT VARIABLE DYNAMIC	PROGRAMMING WITH CONTINUOUS INDEPEND	AFOSR 64-1336
CSX-1 MACHINE LANGUAGE	PROGRAMMING&SAC REFERENCE MANUAL FOR	AFOSR 64-1358
EASURE FOR GAME PLAYING	PROGRAMS A PERFORMANCE M	AFOSR 64-1557
REGULAR BODIES III. THE	PROLATE SPHEROIC, FEB 1964 & BY	AFCRL 64 0130
OF NORMAL MODES TO WAVE	PROPAGATICN IN AN ALMOST&STRATIFIED	AFCRL 64 0576
TURBULENT FLAME	PROPAGATION IN HYDROGEN -AIR MIXTURE	AFOSR 64-1472
A SPHERE, 10 JUL 1964	PROPAGATION OF AN SH&TORQUE PULSE IN	AFCRL 64 0647
NUCLEAR CETCNATICNS CN	PROPAGATICN OF ELECTROMAGNETIC WAVES	AFCRL 64 0196
ICNOSPHERIC	PROPAGATION STUCIES, 1 JUN 1964	AFCRL 64 0443
LCNG RANGE	PROPAGATION STUCIES, 8 MAY 1964	AFCRL 64 0507
AR HIGH FREQUENCY RADIO	PROPAGATICN STUDY, 30 JUN 1964 POL	AFCRL 64 0365
S APR &INVESTIGATION OF	PROPAGATICN&LIMITED COMPUTER NETWORK	AFCRL 64 0376
BURNING RATE OF A SOLID	PROPELLANT & MEASUREMENT OF THE	AFOSR 64-1480
INAL &RESEARCH ON SOLID	PROPELLANT COMBUSTION INSTABILITY, F	AFOSR 4693
RADIATICN INCUCED SCLID	PROPELLANT DECOMPOSITION, FINAL	AFOSR 64-1448
N CF THE REACTION&SOLID	PROPELLANT IGNITION STUDIES, IGNITIO	AFOSR 64-1666
THE SURFACE CF A SOLID	PROPELLANT, FINAL REPORT, DEC 1963	AFOSR 64-1666
& RATES CF SCLID ROCKET	PROPELLANTS & OF THE BURNIN	AFOSR 64-1479
LIZAT&THE USE OF FOAMED	PROPELLANTS FOR COMPACTION AND STABI	AFCRL 64 0622
AND COMBUSTICN OF SOLID	PROPELLANTS, FINAL REPORT, SEP 1963	AFOSR 64-1665
REPORT, MAY & PLASMA	PROPERTIES BY MOMENTUM CHANGE, FINAL	AFOSR 64 1000
OF THE &SOME STABILITY	PROPERTIES OF A MATERIAL LAYER MODEL	AFCRL 64 0505
CF THE SYNTHESIS AND	PROPERTIES OF ALKAROMATIC CHLOROCARB	ARL 64 0141
NG MEDI&RESEARCH ON THE	PROPERTIES OF ANTENNAS IN A CONDUCTI	AFCRL 64 0436
MEMBRANE	PROPERTIES OF BARNACLE MUSCLE FIBER	AFOSR 64-1707
AND ELECTRICAL	PROPERTIES OF BENZIMIDAZOLES AND	AFCRL 64 0359
ES AT & THERMCDYNAMIC	PROPERTIES OF CARBON&NITROGEN MIXTUR	ARL 64 0149
ALT FILMS,&THE MAGNETIC	PROPERTIES OF FCC SINGLE CRYSTAL COB	AFCRL 64 0420
MAGNETIC	PROPERTIES OF GCFE2 AND DYFE2	AFOSR 64-1514
ED FLUICS, & PHYSICAL	PROPERTIES OF ISOTOPICALLY SUBSTITUT	AFOSR 64-1417
TS	PROPERTIES OF LOSSY COMMUNICATION NE	AFOSR 64-1356
STUDY OF COHERENCE	PROPERTIES OF PARTIALLY POLARIZED	AFCRL 64 0460
JUNE 1964 AREA	PROPERTIES OF TELEVISION PICTURES &	AFCRL 64 0478
118 THE PHYSICAL	PROPERTIES OF THE EMISSIONS, 1964	AFCRL 64 0428
ALGEBRAIC	PROPERTIES OF TOEPLITZ OPERATORS	AFOSR 64-1593
XTURES BY THE METHOD CF	PROPCRTICNAL EQUATIONS & OF MI	AFOSR 1949
NSFER IN CYE&SULPHYDRYL	PROTEIN COMPLEX & MAY 1964 & TRA	AFCRL 64 0416
HALIDE AND	PROTEIN SEPARATICN BY GEL FILTRATION	AFOSR 64-1706
HYDRIDES FROM CNE& &	PROTCN AFFINITIES OF SOME FIRST ROW	ARL 64 0128
.5-MEV EXTRATERRESTRIAL	PROTCNS MAGNETCSPHERIC CUTOFF FOR 1	AFOSR 64 1148
EXCHANGE SCATTERING OF	PROTCNS BY NITROGEN, 10 MAY 1964	AFCRL 64 0338
TOWARD CEVELCPMENT OF A	PROTCTYPE LUNAR TRANSPONDER &INCLUDI	AFCRL 63 0765
1964 A	PROTCTYPE LUNAR TRANSPONDER & AUGUST	AFCRL 64 0635
A NOTE ON	PSEUCOCCNVEX MANIFOLDS - GERMAN -	AFOSR 64-1629
CARBON ASSIMILATION BY	PSEUDCMCNAS OXALATICUS -OX 1-.7.	AFOSR 64-1189
IZATION OF ITACONATE BY	PSEUDOMCNAS SP. THE UTIL	AFOSR 64-1183
- INDEPENDENCE, ANC THE	PSYCHCPHYSIOLOGICAL RESPONSE TO	AFOSR 64-1304
AGATION OF AN SH&TORQUE	PULSE IN A SPHERE, 10 JUL 1964 PROP	AFCRL 64 0647
ELECTROMAGNETIC NOISE	PULSE MEASUREMENTS OF SELECTED VERTI	AFCRL 64 0333
AND VARIABLE FREQUENCY	PULSE TRANSMISSION AT OBLIQUE IONOSP	AFCRL 64 0392
LIQUIC PARTICLES UNCER	PULSEC CONDITIONS & OF MACROSCOPIC	AFOSR 64-1470
RELAXATICN OF OPTICALLY	PUMPEC CESIUM SPIN	AFOSR 64-1361
RELAXATION OF OPTICALLY	PUMPED RUBIDIUM ATOMS IN MOLECULAR	AFOSR 64-1491
OPTICAL	PUMPING AND CHEMICAL REACTIONS	AFOSR 64-1490
EASUREMENTS BY PARALLEL	PUMPING, APR 1964 & MAGNETOELASTIC M	AFCRL 64 0265
ATURE INFRAREC CELL FOR	PURE LIQUIDS OR SOLUTIONS & TEMPER	AFOSR 3424
X ISOLATEC WATER IN THE	PURE ROTATION REGION & OF MATRI	AFOSR 64-1507
RELEASING FACTOR FROM &	PURIFICATION OF LUTEINIZING HORMONE	AFOSR 64-1708
PREPARATICN OF HIGH&	PURITY BORON VIA THE ICDIDE JUNE	AFCRL 64 0476
ILIBRIUM&POTENTIOMETRIC	PURITY CONTROL CF SALT MEDIA FOR EQU	AFOSR 64-1458
ZATION KINETICS OF HIGH	PURITY IRON, AUG 1964 & RECRYSTALLI	ARL 64 0131
ZATION REVERSAL OF HIGH	PURITY NICKEL TAPES & ON MAGNETI	AFOSR 64-1209
PRCB&PICTORIAL JIGSAW	PUZZLES - THE CCMPUTER SCLUTICN OF A	AFOSR 64-1386
COMPOUNDS. I. THE	PYROLSIS OF 1,2&DIBROMO&1&CHLORO&1,2	SRL 64 0004
PO NDS. I. THE PYROLSIS	PYROLYSIS OF FLUORINATED ORGANIC COM	SRL 64 0004
CENTRATIONS AND & BE7,	P32, P33, AND S35 STRATOSPHERIC CON	AFCRL 64 0521
ATIONS AND & BE7, P32,	P33, AND S35 STRATOSPHERIC CONCENTR	AFCRL 64 0521

M &STARK EFFECTS ON THE	QUADRUPCLE COUPLING OF CL35 IN SODIU	AFOSR 64-1366
N THEORY	QUANTUM CESCRIPTICNS ON COMMUNICATIC	AFUSR 64-1577
PASSES FROM GIANT	QUANTUM OSCILLATICNS IN ULTRASONIC	AFUSR 64-1256
AND VOIGT EFFECTS	QUANTUM THECRY CF INTERBAND FARADAY	AFOSR 64-1226
IN THE RANGE OF CNE	QUARTER TC CNE WAVELENGTH IN SIZE &	AFCRL 64 0541
DEFECTS IN CRYSTALLINE	QUARTZ & 17 JUNE 1964 & MCDES AT	AFCRL 64 0537
CN	QUASI - LINEAR SECUENTIAL MACHINES	AFOSR 64-1562
ATES IN SCLUTICN BY THE	QUENCHING METHOC, 15 FEB 1964 & ST	ARL 64 0118
BY CXYGEN &SIMULTANEOUS	QUENCHING OF MOLECULAR FLUORESCENCE	ARL 64 0121
ANC HETEROCYCLIC	QUINCNOID COMPOUNDS, 30 APR 1964	AFCRL 64 0359
EIR APPLIC&PRCDUCTS AND	QUOTIENTS OF RANDOM VARIABLES AND TH	ARL 64 0115
LURCNS IN THE RETINA CF	RABBITS & CF COPAMINE CONTAINING N	AFOSR 64-1187
. AND SCATTE&STUDIES IN	RADAR CROSS SECTICNS XLIX DIFFRACTIO	AFCRL 64 0138
FOR SIMULTANEOUS	RADAR OBSERVATICN OF MULTIPLE TARGET	AFCRL 64 0696
ING SPCNGY HAIL AUGUST&	RADAR REFLECTIVITY OF STORMS CONTAIN	AFCRL 64 0631
LY SLOW GROWTH, WITHOUT	RADIAL LIMITS & OF ARBITRARI	AFOSR 3260
OF TWO-DIMENSIONAL	RADIATING GAS FLOW BY A MOMENT METHO	AFOSR 64 1002
RATIO IN PRIMARY CCSMIC	RADIATICN THE HE3/HE3 PLUS HE4/	AFOSR 4124
ON ULTRAVICLET SKY	RADIATICN WAT 330 MU AND 370 MUB,	AFCRL 64 0565
SEP 1964	RADIATION EFFECTS IN SEMICONDUCTORS,	ARL 64 0151
MICROWAVE ANTENNAS IN &	RADIATICN FIELDS ASSOCIATED WITH SHO	AFCRL 64 0457
ATEC VERY LOW FREQUENCY	RADIATICN FROM THE IONOSPHERE&STIMUL	AFOSR 64-1369
CELESTIAL BACKGROUND	RADIATION I. A REVISED SCALE CF	AFCRL 64 0169
ECOMPOSITION, FINAL &	RADIATICN INDUCED SOLID PROPELLANT D	AFOSR 64-1448
CORRELATICN CF	RADIATICN LOSS FROM AN ARGON ARCJET,	ARL 64 0132
INUP RELEASE&RESCNANCE	RADIATICN OF AIC FROM TRIMETHYL ALUM	AFCRL 64 0414
CTRCACCUSTIC WAVES & CN	RADIATICN OF ELECTROMAGNETIC AND ELE	AFCRL 64 0473
MOM POINT SOURCES IN A&	RADIATION PATTERN OF SURFACE WAVES F	AFCRL 64 0157
LARIZEC ELECTROMAGNETIC	RADIATICN, JUN 1964& OF PARTIALLY PO	AFCRL 64 0460
BODY AND OPTIC	RADIATICNS IN AWAKE AND SLEEPING	AFOSR 64-1196
COLLISION PROCESSES.	RADIATIVE CAPTURE OF ELECTRONS BY	AFOSR 64-1512
OF RATE FACTURS IN FREE	RADICAL AROMATIC SUBSTITUTION	AFOSR 64-1533
OF KINETICS AND FREE	RADICAL EFFICIENCIES IN THE THERMAL	AFUSR 64-1534
DECOMPOSITICNS OF FREE	RADICAL INITIATCRS & IN THE THERMAL	AFOSR 64-1534
THYLENE THE CATICN	RADICAL CF TETRAKIS-DIMETHYLAMINO- E	AFOSR 64-1511
LORINE ATCMS ANC PEROXY	RADICALS & II. REACTIONS OF CH	AFOSR 64-1504
IC ETHERS TOWARC PEROXY	RADICALS & ARALKENES, AND BENZYL	AFOSR 64-1505
CF EXCESS STABLE	RADICALS. THE SIMULTANEOUS DETERMIN	AFOSR 64-1534
REACTICNS OF ATOMS AND	RADICALS. II. REACTIONS OF CHLORINE	AFOSR 64-1504
ME REACTIONS OF CERTAIN	RADICALS, FINAL REPORT, AUG 1964 & T	AFOSR 64-1688
EMISSICN & JULY 1964	RADIC EVIDENCE FOR SOLAR CORPUSCULAR	AFCRL 64 0609
TC THE ERRORS IN	RADIC INTERFEROMETER TRACKING SYSTEM	AFCRL 64 0587
FRCM A&MEASUREMENTS OF	RADIC NCISE AT C.70C MC AND 2.200 MC	AFCRL 64 0596
LASUREMENTS CF THE 5 KC	RADIO NOISE NEAR MADRID, 15 MAY 1964	AFCRL 64 0530
POLAR HIGH FREQUENCY	RADIC PROPAGATICN STUDY, 30 JUN 1964	AFCRL 64 0365
OF PHASE ANC AMPLITUCE	RADIC WAVE INTERACTION AT UNIVERSITY	AFCRL 64 0451
HEIGHT OF LOW FREQUENCY	RADIC WAVES 20 JULY 1964 & VIRTUAL	AFCRL 64 0611
& JULY 1964	RADIOACTIVITY IN SPUTNIK 4 FRAGMENT	AFCRL 64 0553
AND THEIR EXCHANGE WITH	RADICNICKEL IONEME	AFOSR 64-1405
AN-AMG&21 MULTICHANNEL	RADICSONDE, JUN 1964 & OF THE	AFCRL 64 0326
ATTICES & JUNE 1964 A	RADON&NIKCDYM THEOREM IN DIMENSICN L	AFCRL 64 0432
TS AORTIC NERVE ON SHAM	RAGE BEHAVIOUR& COMPONENTS OF THE CA	AFOSR 64-1179
F INDIUM SULFATE, NITR&	RAMAN SPECTRA OF AQUEOUS SOLUTIONS O	AFOSR 64-1403
IONS A	RAMAN STUCY OF GALLIUM BROMIDE SOLUT	AFUSR 64-1402
ACAPTIVE CAPABILITY IN	RANDCM CHANNEL COMBINATIONS & FOR	AFOSR 64-1331
OF A NCNLINEAR BEAM TO	RANDOM EXCITATION RESPCNSE	AFUSR 64 0846
NLINEAR BEAM SUBJECT TO	RANDOM EXCITATICN & STRESSES IN A NO	AFUSR 64 1038
AND CCNTROL CF	RANDOM PARAMETER DISCRETE SYSTEMS	AFOSR 64-1334
AND QUCTIENTS OF	RANDCM VARIABLES AND THEIR APPLICATI	ARL 64 0115
LLATOR THE SPECTRUM OF	RANDOM VIBRATION OF A NONLINEAR OSCI	AFOSR 64 1057
IC STRUCTURES	RANDOM VIBRATIONS OF NONLINEAR ELAST	AFOSR 64 0887
TO THE NEWTON-	RAPHSON METHOD FOR THE FITTING OF	AFOSR 64-1498
AND DISTORTION OF	RARE EARTH CRYSTAL FIELD SPECTRA	AFOSR 64-1253
TRANSITIONS IN	RARE EARTH NIOBATES AND TANTALATES	AFOSR 64-1225
	RARE GAS ION REACTIONS WITH AMMONIA	AFOSR 64-1542
ANC STUDY OF	RARE&EARTH&DOPEC SILICON, APR 1964	AFCRL 64 0406
DEPRESSCR FIBERS IN THE	RAT - AN ELECTROPHYSIOLOGICAL STUDY	AFOSR 64-1174
C SUBSTITUT&VALIDITY OF	RATE FACTORS IN FREE RADICAL AROMATI	AFOSR 64-1533
AUGER	RATE IN MESIC ATOMS	AFOSRTN60 463
TEP & SCLIC TRANSPORT	RATE IN THE VAPCR-SOLVENT GROWTH SYS	AFOSR 64-1251
SUREMENT CF THE BURNING	RATE OF A SOLID PROPELLANT & MEA	AFOSR 64-1480
SPEECH EFFECTS OF	RATE OF UTTERANCE AND DURATION OF	AFCRL 64 0155
CF THE BURNING	RATES OF SOLID ROCKET PROPELLANTS	AFOSR 64-1479
AS LIMITS CF	RATICNAL FUNCTIONS OF BEST APPROXIMA	AFOSR 64-1621
I & FIREBALL AND GAMMA	RAY BLACKOUT, 31 MAR 1964 VOL II &	AFCRL 64 0196
F THE CENTROID OF AN X-	RAY DISTRIBUTION&THE DETERMINATION O	AFOSR 64-1242
OF THE COSMIC	RAY NEUTRCN FLUX AT 45 DEGREE GEOMAG	AFCRL 64 0487
ATOM IN A HYCROGEN & X-	RAY SCATTERING FACTOR OF A HYDROGEN	AFOSR 64-1500
ALTITUDE VARIATION OF	RAYLEIGH, AEROSCL, AND OZONE ATTENUA	AFCRL 64 0400
ATTERING FACTORS FOR X-	RAYS AND ELECTRCNS & ATOMIC SC	AFOSR 64-1499
ATTERING FACTORS FOR X-	RAYS AND ELECTRCNS& CORRESPONDING SC	AFOSR 64-1538
HIGH SPEED VISCOUS AND	REACTING FLOWS, FINAL REPORT, JUL	AFOSR 64-1616
IGNITICN OF THE	REACTION FIELD ADJACENT TO THE SURFA	AFOSR 64-1666
STUDY OF THE	REACTION OF IODINE WITH ACTIVE NITRO	AFOSR 64-1518
M NONHALOGEN ACID THE	REACTION OF VINYLMERCURIC IODIDE WIT	AFOSR 64-1412
SULFIDE - SULFINIC ACID	REACTION&VI. THE MECHANISM OF THE DI	AFOSR 64-1508
AL PUMPING AND CHEMICAL	REACTIONS OPTIC	AFOSR 64-1490
DE AND MASS & GAS PHASE	REACTIONS BETWEEN CARBON TETRACHLORI	AFOSR 64-1543
CHANGE AND ICN&MOLECULE	REACTIONS JULY 1964&ENERGY CHARGE EX	AFCRL 64 0525
AND DISSOCIATION	REACTIONS OCCURRING INSIDE THE POTEN	AFCRL 64 0519
OF THE POLAR EFFECT IN	REACTIONS OF ATOMS AND RADICALS.	AFOSR 64-1504
MOLECULES AND THE	REACTIONS OF CERTAIN RADICALS, FINAL	AFOSR 64-1688
ATOMS AND RADICALS. II	REACTIONS OF CHLORINE ATOMS AND	AFOSR 64-1504
IONS. ICN&MOLECULE	REACTIONS OF ETHANE, 30 APR 1964	AFCRL 64 0578
IONS. ICN&MOLECULE	REACTIONS OF METHANE, 6 APR 1964	AFCRL 64 0545
PLEXES EXCHANGE	REACTIONS OF MULTIDENTATE LIGAND COM	AFUSR 64-1407
MECHANIS&MECHANISMS OF	REACTIONS OF SULFINIC ACIDS. VI. THE	AFOSR 64-1508
DISPLACEMENT	REACTIONS ON ORGANOPHOSPHORUS ESTERS	AFUSR 64-1509
RARE GAS ION	REACTIONS WITH AMMONIA	AFOSR 64-1542
LAYERS WITH CHEMICAL	REACTIONS, FINAL REPORT, JUN 1964	AFOSR 64-1394
NE CHEMISTRY, FINAL &	REACTIVE INTERMEDIATES IN CYCLOPROPA	AFOSR 64-1419
SUBSTITUTICNS. XXV.	REACTIVITY OF ARALKANES, ARALKENES,	AFOSR 64-1505
COSIMETRY OF THE MIT	REACTOR MEDICAL THERAPY FACILITY	AFCRL 64 0404
ATMCSPHERE AND A FILM	READER SYSTEM AND ANALOG STATISTICAL	AFCRL 64 0147
ORGANICE SULFUR DICXICE	REAGENT & USING DIMETHYLF	AFOSR 1320
STRUCTURE OF ORGANOZINC	REAGENTS THE	AFOSR 64-1465
URUS ESTERS BY GRIGNARD	REAGENTS. I & ON ORGANCPHOSPH	AFOSR 64-1509
CS AND PRCDUCTS OF ACID	REARRANGEMENT OF THE HYDRAZOBENZENES	AFOSR 64-1556
BENZIDINE ANC SEMIDINE	REARRANGEMENTS. PART X. SUBSTRATE	AFOSR 64-1556
ENTION AS A FUNCTICN CF	RECALL PCINT CODING SHORT TERM RET	AFOSR 64-1163
Y THEURY	RECENT ADVANCES IN LIAPUNOV STABILIT	AFOSR 64-1326
N THE SCATTERING OF &	RECENT EXPERIMENTAL INVESTIGATIONS O	AFOSR 64-1279
ENT ELECTROMAGNETIC &	RECEPTICN AND TRANSMISSION OF TRANSI	AFOSR 64-1341
VLF WAVE ANTENNAS FOR	RECEPTION OF TRANSPOLAR SFERICS	AFCRL 63 0371
ITICN IN THE COMPOUNC &	RECEPTOR SENSITIVITY AND PIGMENT POS	AFOSR 64-1713
THE & STUDIES CN THE	RECEPTURS IN THE CEREBRAL VESICLE OF	AFOSR 64-1704
EXPERIMENTS CN COMPUTER	RECOGNITICN OF CONNECTED HANDWRITTEN	AFOSR 64-1575
ROL BY ADAPTIVE PATTERN	RECOGNITICN TECHNIQUES & CONT	AFOSR 64-1329

LIZING ADAPTIVE PATTERN RECOGNITION TECHNIQUES&DIAGNOSIS UTI AFOSR 64-1578
OMICAL BASIS OF PATTERN RECOGNITION, FINAL REPORT, SEP 1964 AFOSR 64-1726
& 1 MAY 1964 RECOGNIZING PATTERNS IN PHOTOGRAPHS AFCRL 64 0640
THE & MEASUREMENT OF RECOIL - FREE FRACIONS IN STUDIES OF AFOSR 64-1747
IN SPECTCN&RESEARCH CN RECOMBINATION AND FLUCTUATION THEORY AFCRL 64 0564
LCTING EVCKED RESPCNSES RECORDED FROM AUDITORY CORTEX & AFF AFOSR 64-1161
OF A PROBLEM IN PATTERN RECOGNITIONG- THE COMPUTER SOLUTION AFOSR 64-1386
ORITY IRCN, AUG & THE RECRYSTALLIZATION KINETICS OF HIGH P ARL 64 0131
POTENTIAL KERNELS FCR RECURRENT MARKOV CHAINS AFOSR 64-1637
& MARKCFF SEQUENCES AND RECURSIVE FILTERING WIDE SENS AFOSR 64-1375
MOMENTS OF 245-CAY ZN65 REDETERMINATION OF THE HFS OF ZN67 AFOSR 64-1579
QUENESS THEOREM FOR THE REDUCED WAVE EQUATION A UNI AFOSR 64-1611
AS CR -III- & EDTA BY REDUCTION IN THE PRESENCE OF EDTA AFCSR 64-1399
VOLVED IN POLARCGRAPHIC REDUCTIONS & NUMBER OF ELECTRONS IN AFOSR 788
CN GRAVITY REDUCTIONS & JUNE 1964 AFCRL 64 0576
ASGUAGE PROGRAMMING SAC REFERENCE MANUAL FOR CSX-1 MACHINE L AFOSR 64-1358
PUTING DISPLACEMENT & REFERENCE TEMPERATURE METHOD FOR COM ARL 64 0119
CF DENTAL ENAMEL WITH REFERENCE TO INCIPIENT CARIOUS LESIO AFOSR 64-1691
APPROXIMATION, WITH REFERENCE TO THE ROLLING UP OF A AFOSR 64-1292
RONS THROUGH SURFACE & REFLECTION AND TRANSMISSION OF ELECT AFOSR 64-1219
THE DETERMINATION OF REFLECTION COEFFICIENT AND VIRTUAL AFCRL 64 0611
UTRON SPECTRA DERIVED & REFLECTION CORRECTION FOR THERMAL NE AFCRL 64 0634
LASER&SATELLITE REFLECTION PARAMETERS & JUNE 1964 AFCRL 64 0475
ONGY HAIL AUGUST GRADAR REFLECTIVITY OF STORMS CONTAINING SP AFCRL 64 0631
SYNTHESIS OF DUAL REFLECTOR ANTENNAS AFOSR 64-1583
L REGION CF A SPHERICAL REFLECTOR, PART I, MAR 1964 & FOCA AFCRL 64 0292
NSTRUMENTAL CONDITIONED REFLEXES, FINAL REPORT, AUG 1964 & I AFOSR 64-1441
ON OBTAINED BY REPEATED REFLEXIONS - GERMAN - & OF A REGI AFOSR 64-1615
JUNE 1964 THE REFRACTED ARRIVAL FROM A LAYER & IS AFCRL 64 0608
MECHANISMS IN REFRACTORY AND OTHER MATERIALS, AUG ARL 64 0135
ON & STUDY OF CESIUM IN REFRACTORY METALS USING FIELD EMISSI AFCRL 64 0328
LECTRICAL BEHAVIOR OF REFRACTORY OXIDES II, AUG 1964 THE ARL 64 0122
WHEN PARTICLES ARE REGARDED AS DISTINCTION SYSTEMS AFOSR 64-1380
NAL REPORT, JULENEURONL REGENERATION AND NEUROPHYSIOLOGY, FI AFOSR 64-1434
TION OF PIONS REGGE POLE THEORY OF THE PHOTOPRODUC AFOSR 64-1155
ER IN THE PURE ROTATION REGION & OF MATRIX ISOLATED WAT AFOSR 64-1507
ENTS IN THE ULTRAVIOLET REGION MAY 1964 & ATTENUATING COMPON AFCRL 64 0400
THE GREEN FUNCTION OF A REGION OBTAINED BY REPEATED REFLEXIO AFOSR 64-1615
T I, & TRANSVERSE FOCAL REGION OF A SPHERICAL REFLECTOR, PAR AFCRL 64 0292
IN THE STAGNATION POINT REGION OF AN AXISYMPETRIC BLUNT AFOSR 64-1720
VY WATER IN THE VISIBLE REGION OF THE SPECTRUM & 1 JUNE 1964 AFCRL 64 0481
IN A BROAD SURVEILLANCE REGION 31 DECEMBER 1963&TARGETS WITH AFCRL 64 0696
SCILLATIONS - CONFINING REGIONS ON CERTAIN RELAXATION O AFOSR 64-1569
IN DIFFERENT WAVELENGTH REGIONS. & PHOTOLYSIS OF ACETONE AFOSR 64-1410
AND SCATTERING BY REGULAR BODIES III. THE PROLATE AFCRL 64 0138
MEPERIDINE, AND RELATED COMPOUNDS ON THE EXCITABILIT AFOSR 64-1711
AND SOME RELATED HALOGENATED ETHANE DERIVATIV SRL 64 0004
ICS IN SAMPLES FROM TWO RELATED POPULATIONS&OF ORDER STATIST AFOSR 64-1609
AND BEHAVIORAL FACTORS RELATED TO BIRTH ORDER & PERSONALITY AFOSR 2984
PHENOMENA AS RELATED TO THE ERRORS IN RADIO INTER AFCRL 64 0587
OF A TRANSFORM RELATED TO THE LAPLACE TRANSFORM AFOSR 1122
IPHOSPHATE ADENOSINETHE RELATION OF THE ADENOSINE 5 PRIME TR AFOSR 64-1177
U THE ACTIVITY OF THE & RELATION OF THE VISCERAL AFFERENTS T AFOSR 64-1270
THE VISIBLE AURORA, ITS RELATION TO MAGNETIC VARIATIONS AND AFCRL 64 0570
TYPES OF WHISTLERS IN RELATION TO SIMULTANEOUS THUNDERSTOR AFCRL 64 0482
VARIATIONS AND THEIR RELATION TO STRATOSPHERIC WARMINGS AFCRL 64 0501
SIS OF MANY DIMENSIONAL RELATIONS CONSTRAINT ANALY AFOSR 64-1387
TISTICS IN SAMPLES & RELATIONS AMONG MOMENTS OF ORDER STA AFOSR 64-1609
ES AND DIFFERENT TYPES& RELATIONS BETWEEN LIGHTNING DISCHARG AFCRL 64 0488
FERRIMAGNETIC RESONANCE RELATIONS FOR MAGNETOCRYSTALLINE AFCRL 64 0072
T LANGMUIR PROBES, & A RELATIONSHIP FOR PLASMA SHEATHS ABOU AFCRL 64 0429
VARIANCES WITH BOUNDED RELATIVE ERROR&ESTIMATE THE RATIO OF AFOSR 64-1641
AND THE SPEED OF RELATIVE JUDGEMENTS. I. SOME EXPERIM AFOSR 64-1383
FOR FLATNESS IN GENERAL RELATIVITY CONDITIONS AFOSR 64-1156
DISLOCATION RELAXATION IN ALUMINUM AFOSR 64-1223
M SPIN RELAXATION OF OPTICALLY PUMPED CESIU AFOSR 64-1361
IUM ATOMS IN MOLEC&SPIN RELAXATION OF OPTICALLY PUMPED RUBID AFOSR 64-1491
SCLUTIONS ON CERTAIN RELAXATION OSCILLATIONS - ASYMPTOTIC AFOSR 64-1570
REGIONS ON CERTAIN RELAXATION OSCILLATIONS - CONFINING AFOSR 64-1569
OF THE SPIN&FLOPPING RELAXATION TIME IN CU CL 2 POINT 2 AFCRL 64 0456
E OF IONIC SOLUTES UPON RELAXATION TIMES INFLUENC AFOSR 64-1605
FROM TRIMETHYL ALUMINUM RELEASED INTO THE UPPER ATMOSPHERE AFCRL 64 0414
OF LUTEINIZING HORMONE RELEASING FACTOR FROM BEEF HYPOTHALA AFOSR 64-1708
TEMS FINDING THE MOST RELIABLE ROUTES IN COMMUNICATION SYS AFOSR 64-1581
OLLECTION IN STUDIES OF RELIGION METHODS OF DATA C AFOSR 64-1309
K AND ELECTROMAGNETIC&A REMARKABLE REPRESENTATION OF THE WEA AFOSR 64-1151
OBLEM FOR LINEAR HYPER& REMARKS ON A MIXED BOUNDARY VALUE PR AFOSR 64-1731
PERATIVE SYSTEMS - THE RENDEZVOUS PROBLEM CONTROL OF CO-O AFOSR 64-1355
OF A REGION OBTAINED BY REPEATED REFLEXIONS - GERMAN - AFOSR 64-1615
A BROUWER TYPE SPACE TO REPLACE THE CONVENTIONAL PHYSICAL AFOSR 64-1380
THE CONTROL OF GENETIC REPLICATION IN TEMPERATE BACTERIOPHA AFOSR 64-1180
ROMAGNETIC&A REMARKABLE REPRESENTATION OF THE WEAK AND ELECT AFOSR 64-1151
AND ALTERNATIVE REPRESENTATIONS FOR NON-SELFADJOINT AFOSR 64-1600
GROUP. II. IRREDUCIBLE REPRESENTATIONS&MAGNETIC TRANSLATION AFOSR 64-1739
OBSERVATIONS CN THE REPRODUCTIVE BEHAVIOUR OF THE PIGEON AFOSRTN60 253
TWO ELECTRON REPULSION INTEGRALS INVOLVING SLATER AFOSR 64-1539
WITHIN D & SAMPLE SIZE REQUIRED FOR ESTIMATING THE VARIANCE AFOSR 64-1640
N THE UNIFO&SAMPLE SIZE REQUIRED TO ESTIMATE THE PARAMETER I AFOSR 64-1639
RIANCES & SAMPLE SIZE REQUIRED TO ESTIMATE THE RATIO OF VA AFOSR 64-1641
CTIONS IN CRYST&THERMAL RESISTANCE PRODUCED BY POINT IMPERFE AFOSR 64-1235
IN THE FIELD OF HIGH RESOLUTION INFRARED SPECTROSCOPY, AFCRL 64 0324
ENE BY MOLECULA&OPTICAL RESOLUTION OF 9-SEC. -BUTYLPHENANTHR AFOSR 64-1414
ATIONARY STATE PERTURB& RESOLVENT OPERATOR FORMULATION OF ST AFOSR 64-1466
PARAMAGNETIC RESONANCE AFOSR 64-1572
GH TEMPERATURE MAGNETIC RESONANCE PROBES FOR HI AFOSR 64-1549
CAL & NUCLEAR MAGNETIC RESONANCE IN MOLTEN SALTS. I. CHEMI AFOSR 64-1550
CYCLOTRON RESONANCE IN SLIGHTLY IONIZED GASES AFOSR 64-1475
LLINE QUARTZ & 17 JUNE& RESONANCE MODES AT DEFECTS IN CRYSTA AFCRL 64 0597
CUBIC &NUCLEAR MAGNETIC RESONANCE OF GD155 AND GD157 IN THE AFOSR 64-1200
ERIC AND SPACE RESE&THE RESONANCE PROBE & A TOOL FOR IONOSPH ARL 64 0137
TERISTICS OF THE PLASMA RESONANCE PROBE, SEP 1964 CHARAC ARL 64 0139
ETHYL ALUMINUM RELEASE& RESONANCE RADIATION OF AIO FROM TRIM AFCRL 64 0414
ALLINE & FERRIMAGNETIC RESONANCE RELATIONS FOR MAGNETOCRYST AFCRL 64 0072
OF NUCLEAR MAGNETIC RESONANCE, FINAL REPORT, 1962 AFOSR 3473
A THEORY OF RESONANT NETWORKS AFOSR 64-1695
OES IN SPHERICAL MIRROR RESONATORS ROTATIONAL MO AFOSR 64-1311
ENING OF OPTICAL DOUBLE RESONANCE LINES IN CADMIUM & BROAD AFOSR 64-1366
IONS WITH EQUI - RIPPLE RESPONSE NOTES ON MAGNITUDE FUNCT AFOSR 64-1729
& AND STEEPEST STOPBAND RESPONSE & WEIGHTED PASSBAND RESPONS AFOSR 64-1730
WITH WEIGHTED PASSBAND RESPONSE AND STEEPEST STOPBAND RESPO AFOSR 64-1730
OF RELATIVE JUDGEMENTS& RESPONSE INSTRUCTIONS AND THE SPEED AFOSR 64-1383
SUREMENT OF TURBUL&FAST RESPONSE INSTRUMENTATION FOR THE MEA AFCRL 64 0147
ON EXCITATION RESPONSE OF A NONLINEAR BEAM TO RAND AFOSR 64 0886
OL SYSTEM TO FM & THE RESPONSE OF AN AUTOMATIC PHASE CONTR AFOSR 4502
FUNCTION OF A LIGHT RESPONSE RHYTHM IN HAMSTERS AFOSR 64-1692
IMPULSE RESPONSE STABILITY CRITERIA AFOSR 64-1722
THE PSYCHOPHYSIOLOGICAL RESPONSE TO PERCEPTUAL ISOLATION AFOSR 64-1304
OF THE ATMOSPHERIC RESPONSE TO UPPER&LEVEL HEATING & AFCRL 64 0551

UPON GANGLION RESPONSES AFTER ADMINISTRATION OF AFOSR 64-1682
RAL & VISUAL CORTICAL RESPONSES EVOKED BY STIMULATING LATE AFOSR 64-1176
DELAYED RESPONSES IN OCTOPUS AFOSR 64-1666
ITORY CORTEX RESPONSES OF SINGLE UNITS IN THE AUD AFOSR 64-1576
AFFECTING EVOKED RESPONSES RECORDED FROM AUDITORY AFOSR 64-1161
THE ATMOSSOME NUMERICAL RESULTS OF A MODEL INVESTIGATION OF AFCRL 64 0551
TERISTIKEN EXPERIMENTAL RESULTS ON THE METHOD OF NEBENCHAKAK AFOSR 64-1604
& SHORT TERM RETENTION AS A FUNCTION OF ITEM VALU AFOSR 64-1302
INT CODING SHORT TERM RETENTION AS A FUNCTION OF RECALL PO AFOSR 64-1163
TOWARDS A THEORY OF THE RETICULAR FORMATION & APRIL 1964 AFCRL 64 0463
OF THE BRAIN STEM RETICULAR FORMATION, FINAL REPORT, AFOSR 64-1270
EFFECT ON BRAIN STEM RETICULAR FORMATION, FINAL REPORT, AFOSR 64-1651
RETICULAR INFLUENCES ON THE EEG AFOSR 64-1702
STAINING NEURONS IN THE RETINA OF RABBITS & OF DOPAMINE CO AFOSR 64-1187
N THE DARK DISCHARGE OF RETINAL UNITS SLOW PERIODICITY I AFOSR 64-1710
OLLING ON MAGNETIZATION REVERSAL OF HIGH PURITY NICKEL TAPES AFOSR 64-1209
SUPERSONIC COMBUSTION REVIEW OF PROBLEMS IN APPLICATION OF AFOSR 64-1471
GEODESY & JUNE 1964 A REVIEW ON CLOSE SATELLITE THEORY & AFCRL 64 0566
RADIATION I. A REVISED SCALE OF BOLOMETRIC CORRECTI AFCRL 64 0169
ONS OF INTERMITTENT AND REVIVAL SUNSPOT GROUPS, 1964&VARIATI AFCRL 64 0618
THE AETIOLOGY OF FOOD REWARD IN MONKEYS AFOSR 64-1299
ND VISUAL ACUITY OF THE RHESUS MONKEY & CORTEX LESIONS A AFOSR 64-1297
ERAL FRONTAL LESIONS IN RHESUS MONKEYS & FOLLOWING LAT AFOSR 64-1298
ION OF A LIGHT RESPONSE RHYTHM IN HAMSTERS FUNCT AFOSR 64-1692
PRESSURE OF OXYGEN ON RHYTHMIC POTENTIALS FROM GIANT NEURO AFOSR 64-1172
IVE ASPECTS OF ACTIVITY RHYTHMS IN BATS ADAPT AFOSR 64-1693
V. SOME COMMENTS ON THE RICE-ALLNATT THEORYE DENSE FLUIDS. X AFOSR 64-1594
ENCE, RISK - TAKING AND RIGIDITY CORRELATES OF AMBIVAL AFOSR 64-1486
E FUNCTIONS WITH EQUI - RIPPLE RESPONSE NOTES ON MAGNITUD AFOSR 66-1729
RELATES OF AMBIVALENCE, RISK - TAKING AND RIGIDITY CUR AFOSR 64-1486
IX OF HALF - DEGENERATE RLC NETWORKS & OF THE A - MATR AFOSR 64-1567
E MAY 1964 JUDIC ROBIN BALLOON DART SOUNDING VEHICLE AFCRL 64 0471
IBLE COMPROMISE BETWEEN ROCKET AND ATMOSPHERIC BRAKINGE POSS AFCRL 64 1139
FARFIELD EFFECTS OF A ROCKET IN THE IONOSPHERE 000 & JUNE AFCRL 64 0490
FROM A JAVELIN ROCKET NOSE CONE, 1 DEC 1962&31 DEC AFCRL 64 0322
MC FROM A HIGH&ALTITUDE ROCKET PROBE, JUL 1964&MC AND 2.200 AFCRL 64 0596
CAPACITIVE IONOSPHERIC ROCKET PROBES, 15 MAY 1964 & FROM AFCRL 64 0529
BURNING RATES OF SOLID ROCKET PROPELLANTS & OF THE AFOSR 64-1479
ION OF THE CRICKETSONDE ROCKET SYSTEM, JUN 1964 & EVALUAT AFCRL 64 0469
SPIDER. II. THE ROLE OF DIFFERENT PAIRS OF EYES IN AFOSR 64-1701
RGE ANGLE DEFLECTIONS & ROLE OF HARD CORE COLLISIONS WITH LA AFOSR 64-1527
THE THEORY OF HEAT&THE ROLE OF THE APPELL TRANSFORMATION IN AFOSR 64-1622
ICAL AND INSTRUMENTAL & ROLE OF THE CEREBRAL CORTEX IN CLASS AFOSR 64-1441
NDITION IN FINITE TIME& ROLE OF THE GENERALIZED LIPSCHITZ CO AFOSR 64-1354
PHYSIOLOGICAL FUNCTIONS& ROLE OF VARIOUS BRAIN STRUCTURES ON AFOSR 64-1272
HIGH & EFFECT OF COLD ROLLING ON MAGNETIZATION REVERSAL OF AFOSR 64-1209
WITH REFERENCE TO THE ROLLING UP OF A VORTEX SHEET, FINAL AFOSR 64-1292
LUIC UNDER STEADY STATE ROTARY CONDITIONS II& VISCOELASTIC F AFOSR 1148
ROTATING FLUIDS AND ON ROTATING BAROTROPIC FLUIDS, JUL 1962 AFCRL 64 0546
ID IN A LONG CYLINDER ROTATING ELECTRICALLY CONDUCTING FLU AFOSR 64-1670
THERMAL CONVECTION IN ROTATING FLUIDS AND ON ROTATING AFCRL 64 0546
THE STABILITY OF MANNED ROTATING SPACE STATIONS & ON AFCRL 64 0991
NH3 AND H2O HINDERED ROTATION IN H2O2, INFRARED ABSORPTIO AFCRL 64 0668
LATED WATER IN THE PURE ROTATION REGION & OF MATRIX ISO AFOSR 64-1507
RESONATORS ROTATIONAL MODES IN SPHERICAL MIRROR AFOSR 64-1311
SUPERCONDUCTING HUME - ROTHERY PHASE AFOSR 64-1218
RIL & CHANGE OF TERRAIN ROUGHNESS AND THE WIND PROFILE 30 AP AFCRL 64 0402
NDING THE MOST RELIABLE ROUTES IN COMMUNICATION SYSTEMS FI AFOSR 64-1581
OF SOME FIRST ROW HYDRIDES FROM ONE& CENTRE SINGLE ARL 64 0128
OF OPTICALLY PUMPED RUBICIUM ATOMS IN MOLECULAR BUFFER AFOSR 64-1491
OF TRANSVERSE MODES OF RUBY LASERS USING BEAT FREQUENCY AFCRL 64 0434
DUCTING GAS ESIPILARITY RULES OF THE FLOW OF A PERFECTLY CON ARL 64 0113
Y 1964 RYDBERG ABSORPTION SERIES OF N2 & MA AFCRL 64 0349
NE LANGUAGE PROGRAMMING SAC REFERENCE MANUAL FOR CSX-1 MACHI AFOSR 64-1358
PURITY CONTROL OF SALT MEDIA FOR EQUILIBRIUM STUDIES AFOSR 64-1458
AND PHENYL PHOSPHONIUM SALTS SOME N - BUTYL AFOSR 64-1489
RESONANCE IN MOLTEN SALTS. I. CHEMICAL SHIFT OF CRYSTAL AFOSR 64-1550
INE AND MOLTEN THALLIUM SALTS& I. CHEMICAL SHIFT OF CRYSTALL AFOSR 64-1550
THE VARIANCE WITHIN D & SAMPLE SIZE REQUIRED FOR ESTIMATING AFOSR 64-1640
PARAMETER IN THE UNIFO& SAMPLE SIZE REQUIRED TO ESTIMATE THE AFOSR 64-1639
RATIO OF VARIANCES & SAMPLE SIZE REQUIRED TO ESTIMATE THE AFOSR 64-1641
L CONTROL OF NON-LINEAR SAMPLED - DATA SYSTEMS TIME OPTIMA AFOSR 64-1559
TAIN CLASS OF NONLINEAR SAMPLED DATA SYSTEMS & OF A CER AFOSR 64-1316
ADAPTIVE ESTIMATION OF SAMPLED STOCHASTIC PROCESSES&OPTIMAL AFOSR 64-1333
OF ORDER STATISTICS IN SAMPLES FROM TWO RELATED POPULATIONS AFOSR 64-1609
A MULTIPLEXED & OPTIMUM SAMPLING AND CONTROL PROCEDURES FOR AFOSR 64-1335
CTERISTICS OF THIN FILM SANDWICHES & CURRENT - VOLTAGE CHARA AFOSR 64-1564
VATIONS OF THE ANNA I&B SATELLITE & JULY 1964& OPTICAL OBSER AFCRL 64 0562
NS OF THE ANNA FLASHING SATELLITE & JUNE 1964 & OBSERVATIO AFCRL 64 0446
N THE RANGE CALIBRATION SATELLITE & 1 JULY 1964 & FOR USE I AFCRL 64 0240
A OF ARGON AND KCL. II. SATELLITE EXCITATION KBETA SPECTR AFOSR 64-1742
SATELLITES & JUNE 1964 SATELLITE PERTURBATIONS DUE TO ZONAL AFCRL 64 0566
NE 1964 LASER& SATELLITE REFLECTION PARAMETERS & JU AFCRL 64 0475
ORAL &THE STATISTICS OF SATELLITE SCINTILLATIONS AT A SUBAUR AFCRL 64 0523
1964 A REVIEW ON CLOSE SATELLITE THEORY & JUNE 1964 THE AFCRL 64 0566
SPHERE FROM A PELL SUBS SATELLITE 27 MAY 1964 & MAGNETO AFCRL 64 0435
APPLICATIONS OF SATELLITES & JUNE 1964 SATELLITE AFCRL 64 0566
WITH COPPER -II-. I. SATURATED KETONES AND PHENOL II. AFOSR 64-1401
HE ADDUCTS SBCL5.POCL3. SBCL5. -CH3- 3PO AND NBCL5.POCL3 & T AFOSR 64-1551
OF THE ADDUCTS SBCL5.POCL3.SBCL5. -CH3- 3PO AND AFOSR 64-1551
ORATE CN A SEMI - MICRO SCALE & OF CHLORIDE TO PERCHL AFOSR 64-1506
PRESSURE AND DENSITY SCALE HEIGHTS DEFINING ATMOSPHERIC AFCRL 64 0450
RADIATION I. A REVISED SCALE OF BOLOMETRIC CORRECTIONS, AFCRL 64 0169
ETERS, MAY 1964 SMALL& SCALE WIND STRUCTURE ABOVE 100 KILOM AFCRL 64 0413
WHICH EXHIBIT&CURRENT- SCAN POLAROGRAPHY, STUDY OF A SYSTEM AFOSR 1322
NNAS AND ELECTRONICALLY SCANNED CIRCULAR ARRAYS, 30 JUN 1964 AFCRL 64 0555
STUDIES ON OPTICAL SCATTERING AS A TECHNIQUE FOR PLASMA AFOSR 64 1143
XLIX DIFFRACTION AND SCATTERING BY REGULAR BODIES III. AFCRL 64 0138
IN A HYDROGEN & X-RAY SCATTERING FACTOR OF A HYDROGEN ATOM AFOSR 64-1500
CORRESPONDING ATOMIC SCATTERING FACTORS FOR X-RAYS AND AFOSR 64-1499
FOR THE CORRESPONDING SCATTERING FACTORS FOR X-RAYS AND AFOSR 64-1538
CALCULATION OF ELECTRON SCATTERING FACTORS I. NONRELATIVISTI AFOSR 64-1540
STUDY OF THE BACK SCATTERING FROM CONDUCTING OBJECTS AFCRL 64 0541
THE THEORY OF ELECTRON SCATTERING FROM MOLECULES II. MOLECU AFOSR 64-1497
THE THEORY OF ELECTRON SCATTERING FROM MOLECULES. I. THEORE AFOSR 64-1496
IN THE BOMBARD&ELASTIC SCATTERING OF ALPHA PARTICLES BY C12 AFOSR 64 1146
AND CHARGE EXCHANGE SCATTERING OF PROTONS BY NITROGEN, AFCRL 64 0338
INVESTIGATIONS ON THE SCATTERING OF SOUND BY TURBULENCE, AFOSR 64-1279
ICLES FROM & INELASTIC SCATTERING OF 6-TO 19-MEV ALPHA PART AFOSR 64 1147
AND ELEMENTARY PARTICLE SCATTERING, FINAL REPORT, SEP 1964 AFOSR 64-1727
LIGHT SOURCE FOR STREAK SCHLIEREN PHOTOGRAPHY OF HIGH SPEED AFOSR 64-1672
S AND PRESENT STATUS OF SCIENCE IN INDIA, NOV 1963 & PROGRES AFCRL 63 0902
PROCEEDINGS OF THE USAF SCIENTIFIC AND TECHNICAL LIBRARIES OAR 64 0009
STATISTICS OF SATELLITE SCINTILLATIONS AT A SUBAURORAL LATIT AFCRL 64 0523
ATION SYSTEM - BEHAVIOR SCORES SYSTEM -BSS SYSTEM- & OBSERV AFOSR 64-1485
ITRARY FLAT FIXED LANDS SEA AREA, MAR 1964& DIPOLE IN AN ARB AFCRL 64 0509
NNAS IN ARBITRARY LANDS SEA AREAS, APR 1964& SHORT&WAVE ANTE AFCRL 64 0457
WATER, ARTIFICIAL SEA WATER, AND HEAVY WATER IN THE AFCRL 64 0481

RESOLUTION OF 9- SEC. -BUTYLPHENANTHRENE BY MOLECULAR AFOSR 64-1414
COMMON SECANTS FOR FAMILIES OF POLYHEDRA AFOSR 2698
BODY INCLUDING THE SECOND ORDER EFFECT OF VORTICITY AFOSR 64-1720
A STUDY OF NONLINEAR SECOND ORDER SYSTEMS AFOSR 64-1565
IN CURVED CHANNELS WITH SECONDARY INJECTION SEPARATED FLOW AFOSR 64 0860
IN VITRO STUDIES ON THE SECRETION AND BIOSYNTHESIS OF VASOPR AFOSR 64-1171
ROY - BOMR - & FINITE SECTIONALIZATION AND A THEOREM OF HA AFOSR 64-1719
OF ANALYTIC SECTIONS IN FIBER BUNDLES WITH HOMOG AFOSR 64-1630
CONVECTION FROM WALL SECTIONS OF ARBITRARY TEMPERATURE ARL 64 0155
STUDIES IN RADAR CROSS SECTIONS XLIX DIFFRACTION AND SCATTE AFCRL 64 0138
WD REVIVAL SUNSPOT & SECULAR VARIATIONS OF INTERMITTENT A AFCRL 64 0618
LIFETIMES FROM TWO TO & SECULAR VARIATIONS OF SUNSPOTS WITH AFCRL 64 0620
RICAL CONDUCTIVITY IN A SEEDED PLASMA NON EQUILIBRIUM ELECT AFOSR 64 0848
JUL 1964 WEATHERG SEISMICONCISE CORRELATION STUDY, 31 AFCRL 64 0607
EVALUATION OF 1960 SEISMICITY & JUNE 1964 AFCRL 64 0520
COMPUTING THEORETICAL SEISMOGRAMS FOR MULTILAYERED MEDIA, AFCRL 64 0503
TIROS PICTURES OF SCMC SELECTED STUDIES OF TROPICAL METEORO AFCRL 64 0327
PULSE MEASUREMENTS OF SELECTED VERTICALLY CONVECTING CLOUD AFCRL 64 0333
BUNKER FOR OBSERVING SELECTIVE EXCITATION OF SPECTRA BY AFOSR 64-1677
EIGENVALUES OF NON - SELF - ADJOINT BOUNDARY VALUE PROBLE AFOSR 64-1733
SOSANCE LINES IN CADMIG SELF BROADENING OF OPTICAL DOUBLE RE AFOSR 64-1366
RSING INSTRUCTION BY & SELF DIRECTED INQUIRY IN CLINICAL NU AFOSR 64-1359
OF THE FEASIBILITY OF SELFCALIBRATION OF TRACKING SYSTEMS AFCRL 64 0441
IN LIQUIDS. SELFDIFFUSION IN LIQUID MERCURY, 1 ARL 64 0114
NEW METHOD FOR STUDYING SELFDIFFUSION IN LIQUIDS. SELFDIFF ARL 64 0114
EPRESENTATIONS FOR NON- SELFADJOINT BOUNDARY VALUE PROBLEMS AFOSR 64-1600
ION EXPANSIONS AND NON- SELFADJOINT BOUNDARY VALUE PROBLEMS AFOSR 64-1601
THE & SOME EFFECTS OF SEMANTIC AND GRAMMATICAL CONTEXT ON AFCRL 64 0474
IDE TO PERCHLORATE ON A SEMI - MICRO SCALE & OF CHLOR AFOSR 64-1506
964 AUTOMATED LOGIC FOR SEMI&AUTOMATED MATHEMATICS, 30 MAR 1 AFCRL 64 0411
ST 1964 SEMICONDUCTOR DEVICE CONCEPTS & AUGU AFCRL 64 0702
1964 SEMICONDUCTOR DEVICE CONCEPTS, 5 MAY AFCRL 64 0467
LEVEL POSITION AT METAL SEMICONDUCTOR INTERFACES FERMI AFOSR 64-1351
AND DEVELOPMENT FOR SEMICONDUCTOR SURFACE CONTROL AND AFCRL 64 0581
ARGE CARRIER INERTIA IN SEMICONDUCTORS CH AFOSR 64-1746
VANOMAGNETIC EFFECTS IN SEMICONDUCTORS GAL AFOSR 64-1249
LO MAGNETOABSORPTION IN SEMICONDUCTORS CROSS FIE AFOSR 64-1198
RADIATION EFFECTS IN SEMICONDUCTORS, SEP 1964 ARL 64 0151
D FLUCTUATION THEORY IN SEMICONDUCTORS, 31 MAY 1964 & AN AFCRL 64 0564
OF BENZIDINE AND SEMICINE REARRANGEMENTS. PART X. AFOSR 64-1554
TRODES IN A HOMOGENEOUS SEMISPACE, 15 MAY 1964 & ELEC AFCRL 64 0536
& FILTERING WIDE SENSE MARKOFF SEQUENCES AND RECURSIV AFOSR 64-1375
PHENOMENA IN DIFFERENT SENSE MODALITIES & OF TIME ERROR AFOSR 64-1159
BODY PROBLEM IN THE SENSE OF LIAPOUNOV, FINAL REPORT, AFOSR 64 0861
AMINATION OF FERROCYAGA SENSITIVE AND SIMPLE METHOD FOR DETE AFOSR 64-1184
AY 1961 A SENSITIVE POLAROGRAPHIC TECHNIQUE, M AFOSR 789
ERMIC PROPS, AUG 1963 SENSITIVITY ANALYSIS FOR THE CALORIM ARL 64 0125
THE COMPOUND & RECEPTOR SENSITIVITY AND PIGMENT POSITION IN AFOSR 64-1713
L SYSTEM DESIGN SENSITIVITY CONSIDERATIONS IN OPTIMA AFOSR 64-1561
MIGRATION AND LIGHT SENSITIVITY IN THE COMPOUND EYE AT AFOSR 64-1699
FEEDBACK SYSTEMS THE SENSITIVITY OF GENERAL MULTIVARIABLE AFOSR 64-1568
CTIONS SENSITIVITY SUMS FOR HOMOGENEOUS FUN AFOSR 64-1314
OMETER FOR N AND O ATOM SENSITIVITY, JUN 1964 & MASS SPECTR AFCRL 64 0462
IN SECONDARY INJECTION SEPARATED FLOW IN CURVED CHANNELS WI AFOSR 64 0860
HALIDE AND PROTEIN SEPARATION BY GEL FILTRATION AFOSR 64-1706
HG, & SOME NEW NEUTRON SEPARATION ENERGIES FOR ISOTOPESBOF AFOSR 64 1144
SYSTEMS AND THE SEPARATION OF ELECTRONIC AND NUCLEAR ARL 64 0134
IVE REPRESENTATIONS & SEPARATION OF VARIABLES AND ALTERNAT AFOSR 64-1600
TEND TO INFINITY ON A SEQUENCE OF CURVES APPROACHING THE AFOSR 64-1586
LIMITS AND SPECTRAL SEQUENCES AFOSR 64-1602
WIDE SENSE MARKOFF SEQUENCES AND RECURSIVE FILTERING AFOSR 64-1375
ON QUASI - LINEAR SEQUENTIAL MACHINES AFOSR 64-1562
IN THE CHEBYSHEV SERIES EXPANSION OF A FUNCTION AFOSR 64-1735
MPERATURE FUNCTIONS OF& SERIES EXPANSIONS IN TERMS OF THE TE AFOSR 1009
RYDBERG ABSORPTION SERIES OF N2 & MAY 1964 AFCRL 64 0349
THE COEFFICIENTS IN A SERIES OF SPHERICAL HARMONICS & AFCRL 64 0573
ENT OF & ANALYSIS OF A SERVO SYSTEM FOR CONTINUOUS MEASUREM AFOSR 64-1480
INTERNAL INDIUM SESQUIOXIDE BANDS IN SILVER&INDIUM ARL 64 0158
BUTION FUNCTIONS ONTO A SET OF BOUNDED CONTINUOUS FUNCTIONS AFOSR 64-1606
METRY FOR PLANE CONVEX SETS A MEASURE OF ASY AFOSR 4585
ERISTICS AND EFFECTS OF SEVERE STORMS, MAY 1964 & ON CHARACT AFCRL 64 0531
ATRIX POLES AND SHADOW POLES IN THE MANY CHANNEL S M AFOSR 64-1150
ON THE STABILITY OF SHALLOW SPHERICAL SHELLS, FINAL AFOSR 64-1627
HE CATS AORTIC NERVE ON SHAM RAGE BEHAVIOURE COMPONENTS OF T AFOSR 64-1179
DISTORTION ON THE SHAPE OF THE HYDROGEN SULFIDE FUNDAM AFOSR 2158
LOGOSC AND PRESSUREGNEW SHEAR APPARATUS FOR TEMPERATURES OF AFCRL 64 0633
NERAL ANALOGUES TESTSG SHEAR DEFORMATION OF UPPER MANTLE MI AFCRL 64 0549
RELATIONSHIP FOR PLASMA SHEATHS ABOUT LANGMUIR PROBES, JAN AFCRL 64 0429
ROLLING UP OF A VORTEX SHEET, FINAL REPORT, MAY 1964&TO THE AFOSR 64-1292
CIRCULAR CYLINDRICAL SHELLS AT STRESSES SMALLER THAN THE AFOSR 64 1037
OF SHALLOW SPHERICAL SHELLS, FINAL REPORT, AUG 1964 AFOSR 64-1627
TH CRYSTAL FIELD SPECTR SHIELDING AND DISTORTION OF RARE EAR AFOSR 64-1253
S DIAMAGNETIC NUCLEAR SHIELDING CONSTANT2 FOR NEUTRAL ATOM AFOSR 64-1495
III. FLIGHTTIME SHIFT EQUATIONS FOR SPURIOUS FRAGMEN AFCRL 64 0519
SALTS. I. CHEMICAL SHIFT OF CRYSTALLINE AND MOLTEN AFOSR 64-1550
OF PRESSURE INDUCED SHIFTS OF ABSORPTION LINES IN THE AFCRL 64 0629
D IN CONJUNCTION WITH A SHOCK TUBE & APRIL 1964 & TO BE USE AFCRL 64 0657
OXIDE, SEP 1964 SHOCK TUBE DECOMPOSITION OF NITROUS ARL 64 0143
OF A LUMINOUS SHOCK TUBE FOR SPECTROSCOPIC INVESTI AFCRL 64 0257
SUPERSONIC FLOW IN THE SHOCK TUBE, FEB 1964& HIGHENTHALPHY ARL 64 0117
GASDYNAMIC EFFECTS OF SHOCK-FLAME INTERACTIONS IN AN EXPLO AFOSR 64-1676
F RECALL POINT CODING SHORT TERM RETENTION AS A FUNCTION O AFOSR 64-1163
F ITEM VALUE SHORT TERM RETENTION AS A FUNCTION O AFOSR 64-1302
VISION NOTE ON SHORT TERM STORAGE OF INFORMATION IN AFOSR 64-1574
ED & ON THE INTRINSIC SHORT&CIRCUIT CURRENT GAIN OF DIFFUS AFCRL 64 0345
FIELDS ASSOCIATED WITH SHORT&WAVE ANTENNAS IN ARBITRARY AFCRL 64 0457
UST & THE POSITION AND SIGN OF JUPITERS MAGNETIC MOMENT AUG AFCRL 64 0502
SE CONTROL SYSTEM TO FM SIGNALS AND NOISE & AN AUTOMATIC PHA AFOSR 4502
DESIGN OF BANDLIMITED SIGNALS FOR BINARY COMMUNICATION AFCRL 64 0289
AND GENERATION OF SIGNALS IN ELECTRONICAL CIRCUIT AFCRL 64 0514
MUP DESIGN OF MULTIPATH SIGNALS, JUN 1964 ON THE OPTI AFCRL 64 0485
CONSTRAINTS, THE SIGNORINI PROBLEM WITH AMBIGUOUS ARL 64 0120
AGAINST BALLISTIC MI SILE ATTACK,VOL.I, SUMMARY,VOL II&, ORA 64 0001
UDY OF RARE&EARTHDOPED SILICON, APR 1964 & AND ST AFCRL 64 0406
IODIDE LAMBDA 3261 AND SILVER IODIDE LAMBDA&LAMBDA 3281 ARL 64 0157
UM SESQUIOXIDE BANDS IN SILVER&INDIUM ALLOYS, MAY 1964& INDI ARL 64 0158
INFRARED SPECTRA OF SILYLACETYLENE AND SILYLACETYLENE-D3 AFOSR 64-1416
A OF SILYLACETYLENE AND SILYLACETYLENE-D3 INFRARED SPECTR AFOSR 64-1416
RFECTLY CONDUCTING GASE SIMILARITY RULES OF THE FLOW OF A PE ARL 64 0113
A FUNCTION OF ATTITUDE SIMILARITY- DISSIMILARITY - THE AFOSR 64-1301
COMMUNICATION USING SIMPLE CORRELATION DETECTION, FEB AFCRL 64 0289
ERROCYAGA SENSITIVE AND SIMPLE METHOD FOR DETERMINATION OF F AFOSR 64-1184
TY OF LANTHANUM AND & SIMPLE MODEL FOR THE SUPERCONDUCTIVI AFOSR 64-1213
OF HEXAGONS AND THE SIMPLICITY OF GEODESICS ON CERTAIN AFOSR 64-1635
N BY MEANS OF THE PLATO SIMULATED LABORATORY & INSTRUCTIO AFOSR 64-1359
STABLE RADICALS. THE SIMULTANEOUS DETERMINATION OF KINETI AFOSR 64-1534
POSITIONING FROM SIMULTANEOUS OPTICAL OBSERVATIONS AFCRL 64 0562
FLUORESCENCE BY OXYGEN& SIMULTANEOUS QUENCHING OF MOLECULAR ARL 64 0121

A NEW TECHNIQUE FOR SIMULTANEOUS RADAR OBSERVATION OF AFCRL 64 0676
IN RELATION TO SIMULTANEOUS THUNDERSTORM ACTIVITY, AFCRL 64 0482
& 16 AUGUST 1964 MADE SIMULTANEOUSLY AT THOMSO, NORWAY AFCRL 64 0568
SELECTION STRUCTURES IN SINGLE CRYSTAL AL203 & AUGUST 64 DI AFCRL 64 0410
PROPERTIES OF FCC SINGLE CRYSTAL COBALT FILMS, APR AFCRL 64 0420
ODUCTION AND PHYSICS OF SINGLE CRYSTAL EMITTERS, 20 APR 1964 AFCRL 64 0410
SUBCORTICAL FUNCTION & SINGLE UNIT STUDIES OF CORTICAL AND AFOSR 64-1435
RESPONSES OF SINGLE UNITS IN THE AUDITORY CORTEX AFOSR 64-1576
FROM CNEL CENTRE SINGLE&DETERMINANT CALCULATIONS, ARL 64 0128
C PROBLEM OF THE&ON THE SINGULAR INTEGRALS CONNECTED WITH TH ARL 64 0147
METHOD FOR TREATING SINGULAR PERTURBATION PROBLEMS AFUSR 64-1306
ENTROPY AND SINGULARITY OF INFINITE CONVOLUTIONS AFOSR 64-1620
DGMENTS IN INDEPENDENT SITUATIONS & THE STABILITY OF PEER J AFOSR 64-1484
PERCEPTUAL MOTOR SKILL LEARNING AFOSR 64-1164
CLOUDS ON ULTRAVIOLET SKY RADIATION BAT 330 MU AND 370 AFCRL 64 0565
FREQUENCIES & APPARENT SKY TEMPERATURES AT MILLIMETERWAVE AFCRL 64 0590
THEORY OF THE SKY WAVE FIELD FROM A DIPOLE IN AN AFCRL 64 0509
ION INTEGRALS INVOLVING SLATER FUNCTIONS&TWO ELECTRON REPULS AFOSR 64-1539
SYSTEMS ACTIVE DURING SLEEP, FINAL REPORT, JUL 1964 AFOSR 64-1307
N THE BRAIN STEM DURING SLEEPING ACTIVE PROCESSES I AFOSR 64-1709
RADIATIONS IN AWAKE AND SLEEPING CATS & BODY AND OPTIC AFOSR 64-1196
COMPRESSIB&THEORY OF A SLOTTEDESPHERE ANTENNA IMMERSED IN A AFCRL 64 0472
SHELLS AT STRESSES SMALLER THAN THE CLASSICAL CRITICAL AFOSR 64 1037
AND CONDUCTION BANDS IN SNTE & OF OVERLAPPING VALENCE AFOSR 64-1250
OLE COUPLING OF C135 IN SODIUM CHLORATE & ON THE QUADRUP AFOSR 64-1346
SOLID NITROGEN OXIDES. SODIUM HYPONITRITE - POTASSIUM NITRI AFOSR 64-1469
ZEALAND SODIUM TWILIGHT AT CHRISTCHURCH, NEW AFCRL 64 0438
FUEL TRAJECTORIES WITH SOFT LA DINGS, 30 MAY 1964 MINIMUM SRL 64 0003
ON OF MG I LINES IN THE SOLAR ATMOSPHERE AUGUST 1964&FORMATI AFCRL 64 0499
THE CRAB NEBULA BY THE SOLAR CORONA AT A WAVELENGTH OF 6 AFCRL 64 0258
ITH APPLICATIONS TO THE SOLAR CORONA, 1964 & ATMOSPHERE W AFCRL 64 0617
64 RADIO EVIDENCE FOR SOLAR CORPUSCULAR EMISSION & JULY 19 AFCRL 64 0609
KILOMETERS DERIVED FROM SOLAR EXTREME ULTRAVIOLET ABSORPTION AFCRL 64 0297
PERTURBATIONS, SOLAR FLARES, AND GEOMAGNETIC STORMS AFCRL 64 0455
UMC AROMATIC HYDROGGAS- SOLID ADSORPTION CHROMATOGRAPHY OF S AFOSR 64-1415
AT THE SURFACE OF THE SOLID METAL ELECTRODES & JUNE 1964 AFCRL 64 0517
4 THEORY OF SOLID NEON AT 0 DEGREES K, 1 JUN 196 ARL 64 0153
THE CRYSTALLOGRAPHY OF SOLID NITROGEN OXIDES. SODIUM HYPONI AFOSR 64-1469
F THE BURNING RATE OF A SOLID PROPELLANT & MEASUREMENT O AFOSR 64-1480
ITY, FINAL &RESEARCH ON SOLID PROPELLANT COMBUSTION INSTABIL AFOSR 4693
L & RADIATION INDUCED SOLID PROPELLANT DECOMPOSITION, FINA AFOSR 64-1448
GNITION OF THE REACTIOE SOLID PROPELLANT IGNITION STUDIES, I AFOSR 64-1666
TO THE SURFACE OF A SOLID PROPELLANT, FINAL REPORT, DEC AFOSR 64-1666
AND COMBUSTION OF SOLID PROPELLANTS, FINAL REPORT, AFOSR 64-1665
OF THE BURNING RATES OF SOLID ROCKET PROPELLANTS AFOSR 64-1479
, &SUPERCONDUCTIVITY OF SOLID SOLUTIONS OF TI AND ZR WITH CO AFOSR 64-1234
LVENT GROWTH SYSTEM & SOLID TRANSPORT RATE IN THE VAPOR-SO AFOSR 64-1251
SPECTRA OF CRYSTALS AND SOLIDS IN A LARGE RANGE OF TEMPERATU AFCRL 64 0489
ADSORPTION OF GASES ON SOLIDS IN THE HIGH VACUUM RANGE, 30 AFCRL 64 0468
HANGE BETWEEN GASES AND SOLICSE RESEARCH INTO THE ENERGY-EXC AFOSR 64 1001
INFLUENCE OF IONIC SOLUTES UPON RELAXATION TIMES AFOSR 64-1605
CF EXCITED STATES IN SOLUTION BY THE QUENCHING METHOD, ARL 64 0118
D & A UNIFORMLY VALID SOLUTION FOR THE FLOW OVER AN ICLINE AFUSR 64 1056
PUZZLES - THE COMPUTER SOLUTION OF A PROBLEM IN PATTERN AFOSR 64-1386
FOURIER & A FAST DIRECT SOLUTION OF POISSONS EQUATION USING AFOSR 64-1330
FUNCTIONAL & A GENERAL SOLUTION OF THE HOPF CHARACTERISTIC AFOSR 64 1113
APPROXIMATE SOLUTION TO THE N/O EQUATIONS AFOSR 64-1153
OXYGEN AND BIACETYL IN SOLUTION, 1963 & FLUORESCENCE BY ARL 64 0121
UCY OF GALLIUM BROMIDE SOLUTIONS A RAMAN S AFOSR 64-1402
ELL FOR PURE LIQUIDS OR SOLUTIONS & TEMPERATURE INFRARED C AFOSR 3424
CILLATIONS - ASYMPTOTIC SOLUTIONS ON CERTAIN RELAXATION OS AFOSR 64-1570
RTIAL & BOUNDS FOR THE SOLUTIONS OF A CLASS OF NONLINEAR PA AFOSR 3342
ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF A DIFFERENTIAL EQUATION AFOSR 4819
IN THE LARGE OF SOLUTIONS OF HYPERBOLIC PARTIAL AFOSR 64-1585
SPECTRA OF AQUEOUS SOLUTIONS OF INDIUM SULFATE, NITRATE AFOSR 64-1403
OF IODINE. II. SOLUTIONS OF IODOSYL SULFATE, IODINE AFOSR 64-1529
ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF ORDINARY DIFFERENCE AFOSR 64-1588
COMPARISON BETWEEN THE SOLUTIONS OF ORDINARY DIFFERENTIAL AFOSR 64-1717
OF THE EQUILIBRIUM SOLUTIONS OF THE PLANE RESTRICTED AFOSR 64 0861
OF SOLID SOLUTIONS OF TI AND ZR WITH CO, RH, AFOSR 64-1234
THE ENERGY DECAY OF SOLUTIONS TO THE INITIAL - BOUNDARY AFOSR 64-1642
THE VIBR&THE EFFECT OF SOLVENT AND TEMPERATURE VARIATION ON AFOSR 64-1544
DIMENSIONS AND SPECIFIC SOLVENT EFFECTS III. CORRELATION OF AFOSR 64-1492
PORT RATE IN THE VAPOR- SOLVENT GROWTH SYSTEM ZNS-I & TRANS AFOSR 64-1251
BUTYL - D9 CHLORIDE IN SOLVENT MIXTURES OF CONSTANT IONIZIN AFOSR 64-1528
T ISOTOPE EFFECTS FOR SOLVOLYSIS OF T - BUTYL CHLORIDE AND AFOSR 64-1528
D BY IODIDE ION SOLVOLYTIC DEOXYMERCURATION CATALYZE AFOSR 64-1502
SURE DECREASING SORPTION EFFECT WITH INCREASING PRES AFOSR 64-1737
ON THE SCATTERING OF SOUND BY TURBULENCE, FINAL REPORT, AFOSR 64-1279
PTICN AND DISPERSION OF SOUND IN CRITICAL MIXTURES& ON ABSOR AFOSR 64-1467
OF IONOSPHERIC OBLIQUE SOUNDER DATA, 2 APR 1964 AFCRL 64 0408
JUCI&ROBIN BALLOON DART SOUNDING VEHICLE & MAY 1964 AFCRL 64 0471
DURATION SPARK LIGHT SOURCE FOR STREAK SCHLIEREN PHOTOGRA AFOSR 64-1672
TECHNIQUES FOR GLOTTAL SOURCE MEASUREMENTS AUGUST 1964 AFCRL 64 0661
A UNIDIRECTIONAL PLANE SOURCE, AUG 1964 & OF PARTICLES FROM ARL 64 0129
WAVES FROM POINT SOURCES IN A MULTILAYERED MEDIUM, AFCRL 64 0157
D LOGICAL DESIGN IN THE SOVIET UNION, MAY 1964 & THEORY AN AFCRL 64 0452
CONTRACTION IN HILBERT SPACE POWERS OF A AFOSR 64-1636
POTIONS IN BANACH SPACE AND APPLICATIONS TO FUNCTIONAL AFOSR 3150
A LINEAR MAPPING OF THE SPACE OF DISTRIBUTION FUNCTIONS AFOSR 64-1606
OOL FOR IONOSPHERIC AND SPACE RESEARCH, SEP 1964&PROBE & A T ARL 64 0137
LITY OF MANNED ROTATING SPACE STATIONS & ON THE STABI AFOSR 64 0991
YSICAL & A BROUWER TYPE SPACE TO REPLACE THE CONVENTIONAL PH AFOSR 64-1380
LOW&FREQUENCY NOISE IN SPACE VEHICLES, MAR 1964 AFCRL 64 0357
MEASURES IN TOPOLOGICAL SPACES ON HAUSDORFF AFOSR 64-1626
AND ARBITRARY, UNIFORM SPACING & JUNE 1964&OF MANY ELEMENTS AFCRL 64 0344
TENNA ARRAYS BY UNEQUAL SPACINGS, MAR 1964 & BROADBANDING AN AFCRL 64 0253
REN PHOTO&LONG DURATION SPARK LIGHT SOURCE FOR STREAK SCHLIE AFOSR 64-1672
SPECTRA BY METASTABLE SPECIES IN THE AFTERGLOW OF A HELIUM AFOSR 64-1677
CF IONIC AND NEUTRAL SPECIES IN THERMAL PLASMAS 24 AUGUST AFCRL 64 0515
ARE EARTH CRYSTAL FIELD SPECTRA & AND DISTORTION OF R AFCRL 64-1253
LY IN THE & CELESTIAL SPECTRA AND ATMOSPHERIC EFFECTS MAIN AFCRL 64 0569
SELECTIVE EXCITATION OF SPECTRA BY METASTABLE SPECIES IN AFOSR 64-1677
FOR THERMAL NEUTRON SPECTRA DERIVED FROM TRANSMISSION AFCRL 64 0634
N SPECTRA EXCITED IN A HELIUM AFTERGLO AFOSR 64-1476
N SPECTRA EXCITED IN AN ARGON AFTERGLO AFOSR 64-1481
UM SULFATE, NITRA&RAMAN SPECTRA OF AQUEOUS SOLUTIONS OF INDI AFOSR 64-1403
KBETA EMISSION SPECTRA OF ARGON AND KCL. I AFOSR 64-1741
ITE EXCITATION KBETA SPECTRA OF ARGON AND KCL. II. SATELL AFOSR 64-1742
1963 INFRARED SPECTRA OF ASTRONOMICAL BODIES, JUN AFCRL 64 0367
ND C2D2 INFRARED SPECTRA OF CRYSTALLINE C2H2, C2HD, A AFOSR 64-1547
LARGE RANGE&FAR INFRARED SPECTRA OF CRYSTALS AND SOLIDS IN A AFCRL 64 0489
THE PURE ROTATION REGIE SPECTRA OF MATRIX ISOLATED WATER IN AFOSR 64-1507
F HEXAFLUORDAC&INFRARED SPECTRA OF METAL CHELATE COMPOUNDS O ARL 64 0127
CETYLENE-D3 INFRARED SPECTRA OF SILYLACETYLENE AND SILYLA AFOSR 64-1416
AL STUDIES OF MOLECULAR SPECTRA, 6 FEB 1964 & AND EXPERIMENT AFCRL 64 0358
ON THE TWO&DIMENSIONAL SPECTRAL ANALYSIS OF KINETIC ENERGY AFCRL 64 0248
RGLOW SPECTRAL EMISSION OF THE HELIUM AFTE AFOSR 64-1483

LIMITS AND SPECTRAL SEQUENCES AFOSR 64-1602
TIC FIELDS OF ARBITRARY SPECTRAL WIDTH & LIKE ELECTROMAGNE AFOSR 64 0804
A TIME&OF&FLIGHT MASS SPECTROMETER III. FLIGHT&TIME AFCRL 64 0519
OF A FLYABLE MASS SPECTROMETER FOR N AND O ATOM SENSIT AFCRL 64 0462
ON STUDIES USING A MASS SPECTROMETER JAN 1964 PHOTOIONIZATI AFCRL 64 0106
TRANSFER IN A TOF MASS SPECTROMETER JULY 1964 & 2, 1 CHARGE AFCRL 64 0591
STUDIES BY SPECTROPHOTOFLUOROMETRIC METHOD, 15 ARL 64 0126
, 5 JUN 1964 SPECTROPHOTOMETRIC STUDIES OF AURORA AFCRL 64 0571
L ORION NEBULA II, I & SPECTROPHOTOMETRY OF GALACTIC NEBULA AFCRL 63 0730
LUMINOUS SHOCK TUBE FOR SPECTROSCOPIC INVESTIGATIONS OF AFCRL 64 0257
RIVATIVES OF & INFRARED SPECTROSCOPIC STUDY OF ISONITRILE DE AFOSR 64-1517
I REACTOR &FAST NEUTRON SPECTROSCOPY AND DOSIMETRY OF THE MI AFCRL 64 0404
IGH RESOLUTION INFRARED SPECTROSCOPY, 15 MAR 1964&FIELD OF H AFCRL 64 0324
LIUM AFTERGLOW.I.ATOMIC SPECTRUM HE AFOSR 64-1482
FTERGLOW. II. MOLECULAR SPECTRUM HELIUM A AFOSR 64-1477
& VISIBLE REGION OF THE SPECTRUM & 1 JUNE 1964 & WATER IN TH AFCRL 64 0481
THE MOLECULAR SPECTRUM IN A HELIUM AFTERGLOW AFOSR 64-1674
THE TELLURIC EMISSION SPECTRUM IN THE RANGE 1 MICRON TO 3 AFCRL 64 0439
TION ON THE SPIN - WAVE SPECTRUM IN THIN FERROMAGNETIC FILMS AFOSR 64-1216
TELLURIC ABSORPTION SPECTRUM INTRODUCTORY REPORT, JUN AFCRL 64 0484
IN OXYGEN 18 INFRARED SPECTRUM OF CARBON DIOXIDE, ENRICHED AFOSR 64-1548
OF THE FAR INFRARED SPECTRUM OF HYDROGEN FLUORIDE, AUG AFCRL 63 0863
INFRARED, MAY&EMISSION SPECTRUM OF NITRIC OXIDE IN THE NEAR AFCRL 64 0583
FUNCTION OF & NATURAL SPECTRUM OF POLYCRYSTALLINE YIG AS A AFOSR 64-1246
NLINEAR OSCILLATOR THE SPECTRUM OF RANDOM VIBRATION OF A NO AFOSR 64 1057
THE INFRARED EMISSION SPECTRUM OF THE ATMOSPHERE AND EARTH AFCRL 64 0567
N LINES IN THE INFRARED SPECTRUM, MAY 1964 & OF ABSORPTIO AFCRL 64 0627
ONSTANTS&THE VIBRATIONAL SPECTRUM, STRUCTURE, AND POTENTIAL C AFCRL 64 0651
OF EXCERPTS FROM FLUENT SPEECH AUDITORY VS. STRUCTURAL AFCRL 64 0432
OF EXCERPTS FROM FLUENT SPEECH EFFECTS OF RATE OF UTTERANCE AFCRL 64 0155
CTION AND PERCEPTION OF SPEECH & JUNE 1964 & ON THE PRODU AFCRL 64 0474
ICS, BRAIN RESEARCH AND SPEECH PATHOLOGY LINGUIST AFOSR 64-1392
ECTS, FINAL REPORT&HIGH SPEED AERODYNAMICS WITH REAL GAS EFF AFOSR 64 1138
REN PHOTOGRAPHY OF HIGH SPEED EVENTS & FOR STREAK SCHLIE AFOSR 64-1672
INSTRUCTIONS AND THE SPEED OF RELATIVE JUDGEMENTS. I. AFOSR 64-1383
NAL REPORT, JUL & HIGH SPEED VISCOUS AND REACTING FLOWS, FI AFOSR 64-1616
VELOCITY FIELDS IN LOW SPEED WATER FLOWS. FINAL REPORT, AFOSR 64-1278
MIXTURES AT SUPERSONIC SPEEDS& PROPAGATION IN HYDROGEN -AIR AFOSR 64-1472
THEORY OF A SLOTTED& SPHERE ANTENNA IMMERSED IN A COMPRES AFCRL 64 0472
ENSITY, TEMPERA&FALLING SPHERE MEASUREMENTS OF ATMOSPHERIC D AFCRL 64 0554
AN EXPANDING CONDUCTING SPHERE&ELECTROMAGNETIC INDUCTION ON AFOSR 64-1363
AN SH&TORQUE PULSE IN A SPHERE, 10 JUL 1964 PROPAGATION OF AFCRL 64 0647
A CIRCUMPOLAR AREA OF A SPHERE, 31 DEC 1963 & ENERGY OVER AFCRL 64 0248
INVESTIGATION OF SPHERICAL COMBUSION FOR THE UTIAS ARL 64 0130
HYPERBOLIC FIXES ON A SPHERICAL EARTH JUNE 1964 AFCRL 64 0461
IN A SERIES OF SPHERICAL HARMONICS & APRIL 1964 AFCRL 64 0573
ON THE ACCURACY OF SPHERICAL HARMONICS AND ORBITAL AFCRL 64 0566
ROTATIONAL MODES IN SPHERICAL MIRROR RESONATORS AFOSR 64-1311
FOCAL REGION OF A SPHERICAL REFLECTOR, PART I, MAR AFCRL 64 0292
STABILITY OF SHALLOW SPHERICAL SHELLS, FINAL REPORT, AUG AFOSR 64-1627
ODIES III. THE PROLATE SPHEROIC, FEB 1964 & BY REGULAR AFCRL 64 0138
IN THE THEORY OF SPHEROIDAL AND MATHIEU FUNCTIONS, AFOSR 64-1274
OBSERVED AT EIGHT & SPHEROIDAL FREE PERIODS OF THE EARTH AFCRL 64 0419
THE EYES OF A LYCOSID SPIDER. II. THE ROLE OF DIFFERENT AFOSR 64-1701
MAGNETIZATION ON THE SPIN - WAVE SPECTRUM IN THIN FERROMA AFOSR 64-1216
ZN65 REDETERMINATION & SPIN AND NUCLEAR MOMENTS OF 245-DAY AFOSR 64-1579
OF MULTIPLE SPIN FLIP PROCESSES TO PRODUCE TRANS AFCRL 64 0243
CESIUM SPIN RELAXATION OF OPTICALLY PUMPED AFOSR 64-1361
RUBIDIUM ATOMS IN MOLE& SPIN RELAXATION OF OPTICALLY PUMPED AFOSR 64-1491
TIC FILMS MECHANISM OF SPIN WAVE PINNING IN SOME FERROMAGNE AFOSR 64-1247
CL 2&MEASUREMENT OF THE SPIN&FLOPPING RELAXATION TIME IN CU AFCRL 64 0456
AUTOMATIC PLOTTING OF SPIN&WAVE INSTABILITY THRESHOLD AFCRL 64 0639
APPLICATION OF SPIN-WAVE THEORY TO EUS AFOSR 64-1201
A GENERALIZATION OF SPITZERS COMBINATORIAL LEMMA AFOSR 64-1589
PLUS & THE CUBIC FIELD SPLITTING OF THE GROUND STATE OF EU2 AFOSR 64-1204
TY OF STORMS CONTAINING SPONGY HAIL AUGUST 1964 & REFLECTIVI AFCRL 64 0631
ERISTICS OF GAS LIQUID& SPRAY SYSTEMS, SEP 1964 & CHARACT ARL 64 0136
OGRAPHY OF ELECTRICALLY SPRAYED HEAVY PARTICLES PHOTOMICR AFOSR 64-1671
S RATIO OF ELECTRICALLY SPRAYED LIQUID PARTICLES & TO MAS AFOSR 64-1478
CLES UNDER & ELECTRICAL SPRAYING OF MACROSCOPIC LIQUID PARTI AFOSR 64-1470
GEN&HYDROGEN, ARGON&CO, SPRING 1964& ARGON OR GAS MIXTURE AR AFCRL 64 0444
SHIFT EQUATIONS FOR SPURIOUS FRAGMENT PEAKS ARISING AFCRL 64 0519
RADIOACTIVITY IN SPUTNIK 4 FRAGMENT & JULY 1964 AFCRL 64 0553
MEAN SQUARE MOMENTS OF CHAIN MOLECULES AFOSR 64-1493
NEAR FUNCTIONS BY LEAST SQUARES & FOR THE FITTING OF NONLI AFOSR 64-1498
IN FINITE TIME STABILITY AND IN THE DERIVATION OF AFOSR 64-1354
IMPULSE RESPONSE STABILITY CRITERIA AFOSR 64-1722
INEAR SAMPLED & ON THE STABILITY OF A CERTAIN CLASS OF NONL AFOSR 64-1316
ACES THE STABILITY OF ELECTRIFIED LIQUID SURF AFOSR 64-1474
OF ELASTICITY ON THE STABILITY OF MANNED ROTATING SPACE AFOSR 64 0991
L REPORT, APR & THERMAL STABILITY OF ORGANIC COMPOUNDS, FINA AFOSR 64-1447
ENDENT & A NOTE ON THE STABILITY OF PEER JUDGMENTS IN INDEP AFOSR 64-1484
IMPERFECTIONS ON THE STABILITY OF SHALLOW SPHERICAL SHELL AFOSR 64-1627
NS OF THE PLANE &ON THE STABILITY OF THE EQUILIBRIUM SOLUTIO AFOSR 64 0861
EVALUATION OF THE STABILITY OF TRICHLORIDE, TRIBROMIDE AFOSR 64-1516
AYER MODEL OF THE &SOME STABILITY PROPERTIES OF A MATERIAL L AFCRL 64 0505
NT ADVANCES IN LIAPUNOV STABILITY THEORY RECE AFOSR 64-1326
SURFACE CONTROL AND STABILIZATION & 14 MAY 1964 AFCRL 64 0581
FOR COMPACTION AND STABILIZATION OF VARIOUS TYPES OF AFCRL 64 0622
THE PRESENCE OF EXCESS STABLE RADICALS. THE SIMULTANEOUS AFOSR 64-1534
NEAR THE GROUND IN STABLE STRATIFICATION & 30 APRIL AFCRL 64 0401
BOUNDARY LAYER IN THE STAGNATION POINT REGION OF AN AXISYM AFOSR 64-1720
FAULTING IN THIN FOIL STAINLESS STEEL, FINAL REPORT, MAY AFOSR 64 1004
ABSORPTION OF MAGNESIUM STANNIDE & JUNE 1964 INFRARED AFCRL 64 0477
ISMS OF NON COMMUTATIVE STAR - ALGEBRAS HOMOMORPH AFOSR 64-1618
I AND&INFRARED STUDIES STARK EFFECTS IN HCN, CH3F, CH3I, NH AFCRL 64 0668
LING OF CL35 IN SODIUM& STARK EFFECTS ON THE QUADRUPOLE COUP AFOSR 64-1346
& POLYMERIZA&ON THE TWO STATE MECHANISM FOR HOMOGENEOUS IONI AFOSR 64-1546
& HFS OF THE -5S5P- 1P1 STATE OF CADMIUM LIFETIME AN AFOSR 64-1371
SPLITTING OF THE GROUND STATE OF EU2 PLUS IN ALKALINE EARTH AFOSR 64-1204
ON GROUND STATE OF THE HEH POSITIVE MOLECULE I AFOSR 64-1524
RMULATION OF STATIONARY STATE PERTURBATION THEORY & FO AFOSR 64-1466
STIC FLUID UNDER STEADY STATE ROTARY CONDITIONS II& VISCOELA AFOSR 1148
OPERATOR FORMULATION OF STATIONARY STATE PERTURBATION THEORY AFOSR 64-1466
LADER SYSTEM AND ANALOG STATISTICAL ANALYZER 1 FEBRUARY 1964 AFCRL 64 0147
AND FIRST&ORDER ERROR STATISTICS FOR THREE AND FOUR&STATIO AFCRL 64 0461
AMONG MOMENTS OF ORDER STATISTICS IN SAMPLES FROM TWO RELAT AFOSR 64-1609
NS AT A SUBAURORAL &THE STATISTICS OF SATELLITE SCINTILLATIO AFCRL 64 0523
SIZE CORRECTIONS TO THE STEADY DIAMAGNETIC SUSCEPTIBILITY AFOSR 64-1215
ISCOELASTIC FLUID UNDER STEADY STATE ROTARY CONDITIONS II& V AFOSR 1148
IN THIN FOIL STAINLESS STEEL, FINAL REPORT, MAY 1964 AFOSR 64 1004
D PASSBAND RESPONSE AND STEEPEST STOPBAND RESPONSE & WEIGHTE AFOSR 64-1730
AND DAYLIGHT GEODETIC STELLAR CAMERAS STUDY, 6 MAR 1964 AFCRL 64 0172
CONDUCTIVITY OF COOLING STELLAR PLASMA EMITTING NEUTRINOS, AFCRL 64 0528
PROCESSES IN THE BRAIN STEM DURING SLEEPING ACTIVE AFOSR 64-1709
ACTIVITY OF THE BRAIN STEM RETICULAR FORMATION, FINAL AFOSR 64-1270
EFFECT ON BRAIN STEM RETICULAR FORMATION, FINAL AFOSR 64-1651
BACKWARD FACING STEP FROM THE HIGH&ENTHALPHY SUPERSO ARL 64 0117
CONJUGATION A STEREOCHEMICAL FACTOR IN CYCLOPROPYL AFOSR 64-1400
ION. PART I. NON -&THE STEREOCHEMISTRY OF FIVE - CO-ORDINAT AFOSR 64-1530
ION. PART II. TRANS&THE STEREOCHEMISTRY OF FIVE - CO-ORDINAT AFOSR 64-1531
L TISSUES, ELECTRICALLY STIMULATED IN VITRO & OF CEREBRA AFOSR 64-1703
ION FROM & ARTIFICIALLY STIMULATED VERY LOW FREQUENCY RADIAT AFOSR 64-1369
RESPONSES EVOKED BY STIMULATING LATERAL GENICULATE BODY AFOSR 64-1196
APPLICATIONS TO OPTIMAL STOCHASTIC CONTROL THEORY & WITH AFOSR 64-1325
IDENTICALLY DISTRIBUTED STOCHASTIC INTEGRALS ON AFOSR 64-1607
IBUTIONS OF A BRANCHING STOCHASTIC PROCESS LIMIT DISTR AFOSR 64-1721
& ESTIMATION OF SAMPLED STOCHASTIC PROCESSES&OPTIMAL ADAPTIV AFOSR 64-1333
IN ELECTRONICAL CIRCUIT STOCKHOLM, 27 APR 1964 & OF SIGNALS AFCRL 64 0514
D RESPONSE AND STEEPEST STOPBAND RESPONSE & WEIGHTED PASSBAN AFOSR 64-1730
RTICLES FROM A UNIDIRE& STOPPING BY ELASTIC COLLISIONS OF PA ARL 64 0129
MAGNESIUM ATP DEPENDENT STORAGE MECHANISM IN THE AMINE GRANU AFOSR 64-1167
NOTE ON SHORT TERM STORAGE OF INFORMATION IN VISION AFOSR 64-1574
Y 1962 COOPERATIVE STORAGE WAREHOUSES, FINAL REPORT, MA AFOSR 2615
RADAR REFLECTIVITY OF STORMS CONTAINING SPONGY HAIL AUGUST AFCRL 64 0631
FLARES, AND GEOMAGNETIC STORMS&CORRELATIONS OBSERVED BY AFCRL 64 0455
S AND EFFECTS OF SEVERE STORMS, MAY 1964 & ON CHARACTERISTIC AFCRL 64 0531
PURITY INTERACTIONS AND STRAIN AGING IN AGCL DISLOCATION IM AFOSR 4472
LADY&BIREFRINGENCE IN A STRAINED VISCOELASTIC FLUID UNDER ST AFOSR 1148
ISOLATIONISM, STRATEGY OF THE OTHER PLAYER AND AFOSR 64-1157
AR THE GROUND IN STABLE STRATIFICATION & 30 APRIL 1964 & NE AFCRL 64 0401
OPAGATION IN AN ALMOST& STRATIFIED MEDIUM & JUNE 1964 & PR AFCRL 64 0526
BE7, P32, P33, AND S35 STRATOSPHERIC CONCENTRATIONS AND AFCRL 64 0521
THE OZONE&THE EFFECT OF STRATOSPHERIC TRANSPORT PROCESSES ON AFCRL 64 0501
S AND THEIR RELATION TO STRATOSPHERIC WARMINGS & AUGUST 1964 AFCRL 64 0501
SPARK LIGHT SOURCE FOR STREAK SCHLIEREN PHOTOGRAPHY OF AFOSR 64-1672
BY A GYRATING ELECTRON STREAM & IN THE WHISTLER MODE CAUSED AFOSR 64-1376
1964 FIELD STRENGTH METER FOR VLF WAVES, 1 APR AFCRL 64 0479
ABSOLUTE OSCILLATOR STRENGTHS FOR CADMIUM IODIDE LAMBDA ARL 64 0157
A & HIGH PLEIOTROPY OF STREPTOMYCIN MUTATIONS IN ESCHERICHI AFOSR 64-1714
TO RANDOM EXCIT&ON THE STRESSES IN A NONLINEAR BEAM SUBJECT AFOSR 64 1038
CYLINDRICAL SHELLS AT STRESSES SMALLER THAN THE CLASSICAL AFOSR 64 1037
MEAN VALUE THEOREMS FOR STRONGLY CONTINUOUS VECTOR VALUED AFOSR 64-1734
OGIC ON STRUCTURAL ANALYSIS OF MANY VALUED L AFOSR 64-1381
NT SPEECH AUDITORY VS. STRUCTURAL CONTEXT & MAY 1964 & FLUE AFCRL 64 0432
1964 SMALL&SCALE WIND STRUCTURE ABOVE 100 KILOMETERS, MAY AFCRL 64 0413
BUTYL HALIDES. V. THE STRUCTURE AND CONFORMATIONAL ANALYSI AFOSR 64-1537
Y TAIL, 31 MAR 1964 STRUCTURE AND DEVELOPMENT OF COMETAR AFCRL 64 0646
OF LOCAL MORPHOLOGY, STRUCTURE AND DYNAMICS OF AURORA, I AFCRL 64 0601
LIUM BAND STRUCTURE AND FERMI SURFACE OF BERYL AFOSR 64-1221
OF A & RESEARCH ON THE STRUCTURE AND PHYSIOLOGY OF THE EYES AFOSR 64-1701
MICROSCOPY OF SYNAPTIC STRUCTURE OF OCTOPUS BRAIN ELECTRON AFOSR 64-1705
THE STRUCTURE OF ORGANOZINC REAGENTS AFOSR 64-1465
OF THE MOLECULAR STRUCTURE OF THE BUTYL HALIDES. V. AFOSR 64-1537
THE CRYSTAL STRUCTURE OF 2HGCL2. -C2H5-2S AFOSR 64-1552
PARAMETERS AND BOND STRUCTURE PART 2, CARBON&HYDROGEN AFCRL 64 0486
VIBRATIONAL SPECTRUM, STRUCTURE, AND POTENTIAL CONSTANTS AFCRL 64 0651
IS OF NONLINEAR ELASTIC STRUCTURES RANDOM VIBRATIO AFOSR 64 0887
CTRIC AMPLIFIER ANTENNA STRUCTURES & 1 SEPTEMBER 1964 PARAM AFCRL 64 0648
AUGUST 64 DISLOCATION STRUCTURES IN SINGLE CRYSTAL AL2O3 & AFCRL 64 0630
THE CRYSTAL STRUCTURES OF HGCL2. 2-C6H5-3ASO AFOSR 64-1553
3.SBCL5. & THE CRYSTAL STRUCTURES OF THE ADDUCTS SBCL5.POCL AFOSR 64-1551
S&ROLE OF VARIOUS BRAIN STRUCTURES ON PHYSIOLOGICAL FUNCTION AFOSR 64-1272
PARAMETERS AND BOND STRUCTURES PART 3, CARBON&OXYGEN AFCRL 64 0508
PENDENCE, AND&COGNITIVE STRUCTURING, FIELD DEPENDENCE - INDE AFOSR 64-1304
OBIOLOGY AND PHOTOCHEM& STRY, FINAL REPORT, JUN 1964&IN PHOT AFOSR 64-1192
E FAMILIES STURM LIOUVILLE SYSTEMS THAT GENERAT AFOSR 64-1322
BACKGROUND VLF, ELF AND SUB ELF ELECTROMAGNETIC EFFECTS AFCRL 64 0204
OLUME III & OBSERVATIO& SUB ELF GEOMAGNETIC FLUCTUATIONS & V AFCRL 64 0204
GNETOSPHERE FROM A POLI SUB&SATELLITE 27 MAY 1964 & MA AFCRL 64 0435
SCINTILLATIONS AT A SUBAURORAL LATITUDE & JULY 1964 AFCRL 64 0523
STUDIES OF CORTICAL AND SUBCORTICAL FUNCTION IN UNRESTRAINED AFOSR 64-1435
VARIATIONAL INTEGRALS SUBLINEAR FUNCTIONS OF MEASURES AND AFOSR 64-1320
STATES ASSOCIATED WITH SUBSIDIARY-ENERGY BAND MINIMA AFOSR 64-1244
N FREE RADICAL AROMATIC SUBSTITUTION & OF RATE FACTORS I AFOSR 64-1533
EFFECTS IN ALIPHATIC SUBSTITUTIONS. XXV. REACTIVITY OF AFOSR 64-1505
PART X. SUBSTRATE ISOTOPE EFFECTS ON KINETIC AFOSR 64-1554
THE INVESTIGATION OF SUITABILITY OF THE GLOTRAC TYPE G AFCRL 64 0240
SOLUTIONS OF IODOSYL SULFATE, IODINE DIOXIDE, AND IODIC AFOSR 64-1529
SOLUTIONS OF INDIUM SULFATE, NITRATE, AND PERCHLORATE AFOSR 64-1403
SHAPE OF THE HYDROGEN SULFIDE FUNDAMENTAL INFRARED BANDS AFOSR 2158
NISM OF THE DISULFIDE - SULFINIC ACID REACTION&VI. THE MECHA AFOSR 64-1508
OF REACTIONS OF SULFINIC ACIDS. VI. THE MECHANISM AFOSR 64-1508
USING DIMETHYLFORMAMIDE SULFUR DIOXIDE REAGENT AFOSR 1320
D -- IODINE MIXTURES IN SULFURIC ACID AND DILUTE OLEUM & ACI AFOSR 64-1529
TRANSFER IN DYE& SULPHYDRYL PROTEIN COMPLEX & MAY AFCRL 64 0416
A NONLINEAR SUMMATION THRESHOLD DEVICE AFOSR 64-1391
SENSITIVITY SUMS FOR HOMOGENEOUS FUNCTIONS AFOSR 64-1314
NTERMITTENT AND REVIVAL SUNSPOT GROUPS, 1964&VARIATIONS OF I AFCRL 64 0618
CT AT THE OUTER EDGE OF SUNSPOT PENUMBRAS, 1964 & EFFE AFCRL 64 0619
SECULAR VARIATIONS OF SUNSPOTS WITH LIFETIMES FROM TWO TO AFCRL 64 0620
SUPERCONDUCTING HUME - ROTHERY PHASE AFOSR 64-1218
SUPERCONDUCTING MAGNETS AFOSR 64-1738
SIMPLE MODEL FOR THE SUPERCONDUCTIVITY OF LANTHANUM AND AFOSR 64-1213
OF TI AND ZR WITH CO,& SUPERCONDUCTIVITY OF SOLID SOLUTIONS AFOSR 64-1234
TANIUM ALLOYS & &ON THE SUPERCONDUCTIVITY OF TERNARY BETA TI AFOSR 64-1233
S AND ITS ALLOYS & & SUPERCONDUCTIVITY OF THE NOBLE METAL AFOSR 64-1217
AN IRREVERSIBLE TYPE II SUPERCONDUCTOR & EFFECT IN AFOSR 64-1584
R TUNNELING BETWEEN TWO SUPERCONDUCTORS & CHARACTERISTIC FO AFOSR 64-1571
GEN BONDED LIQUIDS,III. SUPERHEATED ALCOHOLS & OF HYDRO AFOSR 64-1519
D VISCOUS FLOW FIELD IN SUPERSONIC CASCADE, SEP 1964 & AN ARL 64 0146
BLEMS IN APPLICATION OF SUPERSONIC COMBUSTION REVIEW OF PRO AFOSR 64-1471
FROM THE HIGH&ENTHALPHY SUPERSONIC FLOW IN THE SHOCK TUBE, ARL 64 0117
DROGEN -AIR MIXTURES AT SUPERSONIC SPEEDS& PROPAGATION IN HY AFOSR 64-1472
EFFECT IN A MEDIUM SUPPLEMENTARY TECHNICAL REPORT NO AFOSR 5367
AND NON LEADERS GROUP SUPPORT AND THE BEHAVIOR OF LEADERS AFOSR 64-1166
IRON-II- AND COBALT-II& SURFACE ADSORPTION OF 57CO -57FE ON AFOSR 64-1503
AMPLIFICATION OF SURFACE AND INTERNAL WAVES, FINAL AFOSR 64-1662
DIODES UNDER CONTROLLED SURFACE CONDITIONS INSB AFOSR 64-1745
PHOTOCONTROLLED SURFACE CONDUCTANCE IN ANODIZED INSB AFOSR 64-1744
FOR SEMICONDUCTOR SURFACE CONTROL AND STABILIZATION & AFCRL 64 0581
EFFECTS OF ELECTRON - SURFACE INTERACTION IN IONIZATION AFOSR 5495
SEP 64 MOLECULAR BEAM - SURFACE INTERACTIONS, FINAL REPORT, AFOSR 64-1661
A BACKWARD WAVE SURFACE MODE IN A PLASMA WAVEGUIDE AFOSR 64-1373
FIELD ADJACENT TO THE SURFACE OF A SOLID PROPELLANT, FINAL AFOSR 64-1666
AND STRUCTURE AND FERMI SURFACE OF BERYLLIUM B AFOSR 64-1221
ESTIGATION OF THE FERMI SURFACE OF MAGNESIUM & INV AFOSR 64-1236
HYDROGEN AT THE SURFACE OF THE SOLID METAL ELECTRODE AFCRL 64 0517
OF ELECTRONS THROUGH SURFACE POTENTIAL BARRIERS AFOSR 64-1219
OF CORRELATION ON THE SURFACE POTENTIAL OF A FREE ELECTRON AFOSR 64-1220
A &RADIATION PATTERN OF SURFACE WAVES FROM POINT SOURCES IN AFCRL 64 0157
Y OF ELECTRIFIED LIQUID SURFACES THE STABILIT AFOSR 64-1474
TIC OPERATORS ON CLOSED SURFACES ON THE INDEX OF ELLIP AFOSR 64-1619
TARGETS WITHIN A BROAD SURVEILLANCE REGION 31 DECEMBER 1963 AFCRL 64 0696
THE STEADY DIAMAGNETIC SUSCEPTIBILITY OF SMALL SYSTEMS & TO AFOSR 64-1215
MSO, NORWAY AND KIRUNA, SWEDEN, 20 MAY 1964 & AT TRO AFCRL 64 0568

MAIN CONFIGURATION FROM	SWELLING EQUILIBRIUM MEASUREMENTS& (	AFOSR 64-1476
PHOTOPHOSPHORYLATION IN	SWISS CHARD CHLOROPLASTS & TO	AFOSR 64-1177
AND SYNTHESIS OF	SWITCHING NETWORKS COMPOSED OF M-OUT	AFOSR 64-1378
OF PROGRESS IN	SWITCHING THEORY AND LOGICAL DESIGN	AFCRL 64 0452
OF A PROBLEM-ORIENTED	SYMBOL PROCESSOR, 1 MAY 1964	AFCRL 64 0454
OF IGNITION AND AXI-	SYMMETRIC TURBULENT FLAME PROPAGATIO	AFOSR 64-1472
MEDIATION OF	SYMPATHETIC NERVES, FINAL REPORT,	AFOSR 64-1649
ELECTRON MICROSCOPY OF	SYNAPTIC STRUCTURE OF OCTOPUS BRAIN	AFOSR 64-1705
964 A BRIEF	SYNOPSIS OF INGHOUSE RESEARCH, SEP 1	ARL 64 0159
SPHONATE - A CONVENIENT	SYNTHESIS & FROM DIPHENYL PHENYLPHO	AFOSR 64-1510
OF BENZIMIDAZOLES AND &	SYNTHESIS AND ELECTRICAL PROPERTIES	AFCRL 64 0359
TIC CHECK STUDY OF THE	SYNTHESIS AND PROPERTIES OF ALKAROPA	ARL 64 0161
	SYNTHESIS OF DUAL REFLECTOR ANTENNAS	AFOSR 64-1583
THOUT A TEACHER THE	SYNTHESIS OF MACHINES WHICH LEARN WI	AFOSR 64-1337
TION NETS	SYNTHESIS OF PROBABILISTIC COMMUNICA	AFOSR 64-1558
ON THE ANALYSIS AND	SYNTHESIS OF SWITCHING NETWORKS	AFOSR 64-1378
IRREGULARITIES NETWORK	SYNTHESIS THROUGH HYBRID MATRICES &	AFCRL 64 0568
YSTEM - BEHAVIOR LA NEW	SYSTEMATIC INTERACTION OBSERVATION S	AFOSR 64-1485
O & NB7, P32, P33, AND	S35 STRATOSPHERIC CONCENTRATIONS AN	AFCRL 64 0521
ANY ORDER	TABLES OF BESSEL FUNCTIONS OF IMAGIN	AFOSR 64 1058
ION RATIO AND OF & MORE	TABLES OF THE INCOMPLETE GAMMAFUNCT	ARL 64 0123
HASE TRANSITIONS, OCT &	TABULATION OF FIRST ORDER MAGNETIC P	AFCRL 64 0466
VESICLE OF THE ASCIDIAN	TADPOLE. 2. THE OCELLUS& CEREBRAL	AFOSR 64-1706
DEVELOPMENT OF COMETARY	TAIL, 31 MAR 1964 STRUCTURE AND	AFCRL 64 0646
RARE EARTH NIOBATES AND	TANTALATES & TRANSITIONS IN	AFOSR 64-1225
L OF HIGH PURITY NICKEL	TAPES & ON MAGNETIZATION REVERSA	AFOSR 64-1209
LOCALIZATION OF	TARGET LEARNING AND MEMORY, FINAL	AFOSR 64-1442
OBSERVATION OF MULTIPLE	TARGETS WITHIN A BROAD SURVEILLANCE	AFCRL 64 0696
AND ARBITRARY, DOLPH&	TCHEBYSCHEFF ARRAYS OF MANY ELEMENTS	AFCRL 64 0344
S WHICH LEARN WITHOUT A	TEACHER THE SYNTHESIS OF MACHINE	AFOSR 64-1337
AREA PROPERTIES OF	TELEVISION PICTURES & JUNE 1964	AFCRL 64 0478
RESEARCH ON CADMIUM	TELLURIDE, SEP 1964	ARL 64 0145
GENETIC REPLICATION IN	TEMPERATE BACTERIOPHAGES& CONTROL OF	AFOSR 64-1180
RING & THE EVOLUTION OF	TEMPERATURE AND VELOCITY PROFILES DU	AFCRL 64 0586
IMETHYLSILOXANE & THE	TEMPERATURE COEFFICIENT OF THE POLYD	AFOSR 64-1496
CHAIN. I. THE	TEMPERATURE COEFFICIENT OF THE UNPER	AFOSR 64-1492
ABSORPTION STUDY OF THE	TEMPERATURE DEPENDANCE OF THE TOTAL	AFCRL 64 0448
RMONIC GENERATION IN &	TEMPERATURE DEPENDENCE OF OPTICAL HA	AFOSR 64-1346
ONIC ATTENUATION IN &	TEMPERATURE DEPENDENCE OF THE ULTRAS	AFOSR 64-1237
SECTIONS OF ARBITRARY	TEMPERATURE DISTRIBUTION BY AN INTEG	ARL 64 0155
UM LOW	TEMPERATURE ELASTIC MODULI OF ALUMIN	AFOSR 64-1231
IN TERMS OF THE	TEMPERATURE FUNCTIONS OF PORITSKY	AFOSR 1009
INVESTIGATIONS OF HIGH&	TEMPERATURE GASES, JAN 1964	AFCRL 64 0257
IQUIDS OR & A VERY HIGH	TEMPERATURE INFRARED CELL FOR PURE L	AFOSR 3474
PROBES FOR HIGH	TEMPERATURE MAGNETIC RESONANCE	AFOSR 64-1549
PLACEMENT & REFERENCE	TEMPERATURE METHOD FOR COMPUTING DIS	ARL 64 0119
THEORY OF THE EFFECT OF	TEMPERATURE ON THE ELECTRON DIFFRACT	AFOSR 64-1501
IN STABLE & WIND AND	TEMPERATURE PROFILES NEAR THE GROUND	AFCRL 64 0401
OF ZIRCONIUM IN THE	TEMPERATURE RANGE 400 DEGREES - 600	AFOSR 64-1224
CENT CHROMIUM IN THE	TEMPERATURE RANGE 900 DEGREES- 1000	AFOSR 64-1229
H NIOBATES AND & HIGH	TEMPERATURE TRANSITIONS IN RARE EART	AFOSR 64-1225
EFFECT OF SOLVENT AND	TEMPERATURE VARIATION ON THE VIBRATI	AFOSR 64-1546
OF ATMOSPHERIC DENSITY,	TEMPERATURE, AND PRESSURE, UP TO	AFCRL 64 0556
THERMAL CONDUCTIVITY	TENSORS FOR A FULLY IONIZED HYDROGEN	AFCRL 64 0616
THERMAL CONDUCTIVITY	TENSORS FOR A LORENTZ&TYPE HYDROGEN	AFCRL 64 0615
ROM AN ACTIVE REAL TWO&	TERMINAL DEVICE, JUN 1963&AC POWER F	AFCRL 64 0513
MAR 1964 LASER CAVITIES	TERMINATED BY DIFFRACTION GRATINGS,	AFCRL 64 0355
F &SERIES EXPANSIONS IN	TERMS OF THE TEMPERATURE FUNCTIONS O	AFOSR 1009
ION OF VARIOUS TYPES OF	TERRAIN & JULY 1964 & AND STABILIZAT	AFCRL 64 0622
LE 30 APRIL & CHANGE OF	TERRAIN ROUGHNESS AND THE WIND PROFI	AFCRL 64 0402
4 EXTRA&	TERRESTRIAL PARTICLES & 30 APRIL 196	AFCRL 64 0540
BETWEEN CARBON	TETRACHLORIDE AND MASS ANALYZED	AFOSR 64-1543
TE AND	TETRAETHYLENEPENTAMINENICKEL-II-	AFOSR 64-1405
TE AND	TETRAETHYLENEPENTAMINENICKEL-II-	AFOSR 64-1408
THE CATION RADICAL OF	TETRAKIS-DIMETHYLAMINO- ETHYLENE	AFOSR 64-1511
CRYSTALLINE AND MOLTEN	THALLIUM SALTS& 1. CHEMICAL SHIFT OF	AFOSR 64-1552
THE MIT REACTOR MEDICAL	THERAPY FACILITY BEAM, MAY 1964& OF	AFCRL 64 0404
OF COOLING STELLAR &THE	THERMAL AND ELECTRICAL CONDUCTIVITY	AFCRL 64 0528
ORDINARY AND EFFECTIVE	THERMAL CONDUCTIVITY TENSORS FOR A	AFCRL 64 0615
EFFECTS IN THE	THERMAL CONDUCTIVITY TENSORS FOR A	AFCRL 64 0616
S AND ON & RESEARCH ON	THERMAL CONVECTION IN ROTATING FLUID	AFCRL 64 0546
EFFICIENCIES IN THE	THERMAL DECOMPOSITIONS OF FREE RADIC	AFOSR 64-1534
CORRECTION FOR	THERMAL NEUTRON SPECTRA DERIVED	AFCRL 64 0634
AND NEUTRAL SPECIES IN	THERMAL PLASMAS 24 AUGUST 1964&IONIC	AFCRL 64 0515
IMPERFECTIONS IN CRYS&	THERMAL RESISTANCE PRODUCED BY POINT	AFOSR 64-1235
US, FINAL REPORT, APR &	THERMAL STABILITY OF ORGANIC COMPOUN	AFOSR 64-1447
ST 1964	THERMALLY DRIVEN CIRCULATIONS & AUGU	AFCRL 64 0503
TUD &BASIC PHENOMENA IN	THERMIONIC ENERGY CONVERTERS FOR PER	AFCRL 64 0560
ITROGEN MIXTURES AT &	THERMODYNAMIC PROPERTIES OF CARBON&N	ARL 64 0149
COMPUTING DISPLACEMENT	THICKNESS, AUG 1964 & METHOD FOR	ARL 64 0119
SPIN - WAVE SPECTRUM IN	THIN FERROMAGNETIC FILMS & ON THE	AFOSR 64-1216
TAGE CHARACTERISTICS OF	THIN FILM SANDWICHES & CURRENT - VOL	AFOSR 64-1564
DEFORMATION FAULTING IN	THIN FOIL STAINLESS STEEL, FINAL	AFOSR 64 1006
CONDUCTION OF	THIN METALLIC LAYERS AT HIGH FREQUEN	AFOSR 64-1208
CONDUCTION OF	THIN METALLIC LAYERS AT LOW TEMPERAT	AFOSR 64-1207
ELECT&INVESTIGATION OF	THIN WIRE CIRCULAR LOOP ANTENNAS AND	AFCRL 64 0555
RAYS BY UNEQUAL SPACING	THINNING AND BROADBANDING ANTENNA AR	AFCRL 64 0253
POTENTIALS OF NEUTRAL	THOMAS - FERMI - DIRAC ATOMS AND	AFOSR 64-1499
F SPIN&WAVE INSTABILITY	THRESHOLD DATA AUGUST 1964 & O	AFCRL 64 0639
A NONLINEAR SUMMATION	THRESHOLD DEVICE	AFOSR 64-1391
PPLIED TO THE DESIGN OF	THRESHOLD ELEMENT NETWORKS & A	AFOSR 64-1332
ANALYSIS OF OPTIMUM LOW	THRUST TRANSFER BETWEEN COPLANAR	AFOSR 64 1140
ELATION TO SIMULTANEOUS	THUNDERSTORM ACTIVITY, 1963 & IN R	AFCRL 64 0492
AMERAS STUDY, 6 & REAL	TIME AND DAYLIGHT GEODETIC STELLAR C	AFCRL 64 0172
ICAL CONDUCTION OF &	TIME AND FIELD EFFECTS IN THE ELECTR	AFOSR 64-1207
DETERMINATION OF	TIME DEPENDENT VELOCITY FIELDS IN	AFOSR 64-1278
NSE MODAL&COMPARISON OF	TIME ERROR PHENOMENA IN DIFFERENT SE	AFOSR 64-1157
RELAXATION	TIME IN CU CL 2 POINT 2 H 2 O, JAN	AFCRL 64 0456
AMPLED - DATA SYSTEMS	TIME OPTIMAL CONTROL OF NON-LINEAR S	AFOSR 64-1559
NTIFICATION OF DISCRETE	TIME PROCESSES THE PROBLEM OF IDE	AFOSR 64-1197
III. FLIGHT&	TIME SHIFT EQUATIONS FOR SPURIOUS	AFCRL 64 0519
CONDITION IN FINITE	TIME STABILITY AND IN THE DERIVATION	AFOSR 64-1354
IN THE DRIFT TUBE OF A	TIME&OF&FLIGHT MASS SPECTROMETER	AFCRL 64 0519
SOLUTES UPON RELAXATION	TIMES INFLUENCE OF IONIC	AFOSR 64-1605
IES &THE UTILIZATION OF	TIROS PICTURES OF SOME SELECTED STUD	AFCRL 64 0327
NT OF ISOLATED CEREBRAL	TISSUE & EXCITABILITY AND ION CONTE	AFOSR 64-1711
TRANSPORT IN CELLS AND	TISSUES&BIOPHYSICAL ASPECTS OF WATER	AFOSR 64-1188
OF CEREBRAL	TISSUES, ELECTRICALLY STIMULATED IN	AFOSR 64-1703
OF TERNARY BETA	TITANIUM ALLOYS O GERMAN &	AFOSR 64-1233
INDEXING HEADINGS AND	TITLE WORDS IN THREE MEDICAL INDEXIN	AFOSR 64-1389
ALGEBRAIC PROPERTIES OF	TOEPLITZ OPERATORS	AFOSR 64-1573
1 CHARGE TRANSFER IN A	TOF MASS SPECTROMETER JULY 1964 & 2.	AFCRL 64 0591
ILARITY - THE EFFECT OF	TOPIC IMPORTANCE& SIMILARITY- DISSIM	AFOSR 64-1301
& HAUSDORFF MEASURES IN	TOPOLOGICAL SPACES O	AFOSR -1526
K MANIFOLDS ON THE	TOPOLOGY OF POSITIVELY CURVED KAEHLE	AFOSR 64-1617
NS BENEATH A DEVELOPING	TORNADO AUGUST 1964 & OBSERVATIO	AFCRL 64 0632
& PROPAGATION OF AN SH&	TORQUE PULSE IN A SPHERE, 10 JUL 196	AFCRL 64 0647
OF FOUR EARTH&BASED	TRACKING STATIONS, 15 SEP 1963	AFCRL 63 0765
IN RADIO INTERFEROMETER	TRACKING SYSTEMS 15 JUN 1964&ERRORS	AFCRL 64 0587
OF SELF&CALIBRATION OF	TRACKING SYSTEMS, 24 MAY 1964	AFCRL 64 0461
EARTH TO MOON	TRAJECTORIES WITH MINIMAL ENERGY	AFOSR 64-1324
MAY 1964 MINIMUM FUEL	TRAJECTORIES WITH SOFT LANDINGS, TO	SRL 64 0033
ARISING FROM COSMIC	TRANSFER AND DISSOCIATION REACTIONS	AFCRL 64 0519
OF OPTIMUM LOW THRUST	TRANSFER BETWEEN COPLANAR HYPERBOLIC	AFOSR 64 1142
BOUNDARY LAYER HEAT	TRANSFER CHARACTERISTICS OF GAS	ARL 64 0136
OF 2. 1 CHARGE	TRANSFER IN A TOF MASS SPECTROMETER	AFCRL 64 0591
INVESTIGATION OF ENERGY	TRANSFER IN A TUBE ARC HEATER, JUL	ARL 64 0112
PHOTOINDUCED ELECTRON	TRANSFER IN [illegible]SULPHYDRYL PROTEIN	AFCRL 64 0516
INTERMOLECULAR ELECTRON	TRANSFER IN ORGANIC COMPOUNDS & IN	AFCRL 64 0431
ROMETRIC METHOD&ENERGY	TRANSFER STUDIES BY SPECTROPHOTOFLUO	ARL 64 0126
RE FACING LAMINAR HEAT	TRANSFER TO A TWO-DIMENSIONAL BACKWA	ARL 64 0117
N OF TWO&COMPONENT HEAT	TRANSFER, JUL 1964 & INVESTIGATI	ARL 64 0116
COMBINATORY INTEGRAL	TRANSFORM AND ITS APPLICATION TO	AFOSR 64 0433
RELATED TO THE LAPLACE	TRANSFORM AND TO HEAT CONDUCTION	AFOSR 1122
THE INVERSION OF A	TRANSFORM RELATED TO THE LAPLACE	AFOSR 1122
THE ADJOINT OF A CLOSED	TRANSFORMATION ON	AFOSR 64-1532
THE ROLE OF THE APPELL	TRANSFORMATION IN THE THEORY OF	AFOSR 64-1522
III & OBSERVATIONS OF	TRANSIENT AND BACKGROUND VLF, ELF	AFCRL 64 0206
AND TRANSMISSION OF	TRANSIENT ELECTROMAGNETIC FIELDS	AFOSR 64-1361
I GAIN OF DIFFUSED BASE	TRANSISTORS, 14 APR 1964 & CURRE	AFCRL 64 0365
O-ORDINATION. PART II.	TRANSITION ELEMENTS & OF FIVE - C	AFOSR 64-1531
INATION. PART I. NON -	TRANSITION ELEMENTS&OF FIVE - CO-OR	AFOSR 64-1530
OF VORTEX OCCURRENCE AT	TRANSITION IN UNSTABLE LAMINAR BOUND	AFOSR 64-1280
FLUORESCENCE OF	TRANSITION METAL IONS IN CRYSTALS	AFOSR 64-1366
PROCESSES TO PRODUCE	TRANSITIONS AND INVERSIONS AT ARBITR	AFCRL 64 0243
NO & HIGH TEMPERATURE	TRANSITIONS IN RARE EARTH NIOBATES A	AFOSR 64-1225
ST ORDER MAGNETIC PHASE	TRANSITIONS, OCT 1963 & OF FIR	AFCRL 64 0466
MAGNETIC	TRANSLATION GROUP	AFOSR 64-1740
REPRESENTATIONS MAGNETIC	TRANSLATION GROUP. II. IRREDUCIBLE R	AFOSR 64-1739
FREQUENCY PULSE	TRANSMISSION AT [illegible] IONOSPHERIC	AFCRL 64 0392
SPECTRA DERIVED FROM	TRANSMISSION DATA & AUGUST 1964	AFCRL 64 0634
RFACE & REFLECTION AND	TRANSMISSION OF ELECTRONS THROUGH SO	AFOSR 64-1217
NETIC & RECEPTION AND	TRANSMISSION OF TRANSIENT ELECTROMAG	AFOSR 64-1361
CONDUCTING CYLINDRICAL	TRANSMITTING ANTENNA&THE IMPERFECTLY	AFOSR 64-1363
OF ORTHOSILICATE, A NEW	TRANSPARENT FERROMAGNET EUROPI	AFOSR 64-1171
FOR RECEPTION OF	TRANSPOLAR SFERICS FROM THE CONTINEN	AFCRL 63 0371
OF A PROTOTYPE LUNAR	TRANSPONDER INCLUDING A FEASIBILITY	AFCRL 64 0765
A PROTOTYPE LUNAR	TRANSPONDER & AUGUST 1964	AFCRL 64 0635
OF THE GLOTRAC TYPE &	TRANSPONDER FOR USE IN THE RANGE	AFCRL 64 [illegible]
YSICAL ASPECTS OF WATER	TRANSPORT IN CELLS AND TISSUES&BIOPH	AFOSR 64-1188
OF ASPECTS OF MASS	TRANSPORT NEAR THE THREE&PHASE ZONE	AFCRL 64 0537
EFFECT OF STRATOSPHERIC	TRANSPORT PROCESSES ON THE OZONE	AFCRL 64 0501
GROWTH SYSTEM & SOLID	TRANSPORT RATE IN THE VAPOR-SOLVENT	AFOSR 64-1251
PHORYLATION TO ELECTRON	TRANSPORT& THE COUPLING OF PHOTOPHOS	AFOSR 64-1195
AL REFLECTOR, PART I, &	TRANSVERSE FOCAL REGION OF A SPHERIC	AFCRL 64 0217
G HEAT FREQUEN STUDY OF	TRANSVERSE MODES OF RUBY LASERS USI	AFCRL 64 0436
IRREVERSIBLE TYPE II &	TRANSVERSE PARAMAGNETIC EFFECT IN AN	AFOSR 64-1586
CIRCULARLY POLARIZED	TRANSVERSE WAVES, 1 APR 1964	AFCRL 64 0533
ELECTRONIC	TRAPPING AND PHOTOCONDUCTION IN	AFCRL 64 0236
NC & INVESTIGATION OF	TRAVELLING WAVES IN THE IONOSPHERE A	AFCRL 64 0171
OF TRICHLORIDE,	TRIBROMIDE, AND TRIIODIDE IONS IN	AFOSR 64-1516
OF THE STABILITY OF	TRICHLORIDE, TRIBROMIDE, AND TRIIODI	AFOSR 64-1516
ION WITH	TRIETHYLENETETRAMINENICKEL-II- AND	AFOSR 64-1408
AND DISSOCIATION OF	TRIETHYLENETETRAMINENICKEL-II- AND	AFOSR 64-1405
LIN 2&	TRIFLUOROETHANE AND SOME RELATED	SRL 64 0004
TION OF LP FUNCTIONS BY	TRIGONOMETRIC POLYNOMIALS& APPROXIMA	AFOSR 3327
TRIBROMIDE, AND	TRIIODIDE IONS IN NITROMETHANE.	AFOSR 64-1516
RADIATION OF AIC FROM	TRIMETHYL ALUMINUM RELEASED INTO	AFCRL 64 0416
A ELEMENTS	TRIMETHYLAZIDO COMPOUNDS OF GROUP IV	AFOSR 64-1541
THE ADENOSINE 5 PRIME	TRIPHOSPHATE ADENOSINE 5 PRIME DIPHO	AFOSR 64-1177
MADE SIMULTANEOUSLY AT	TROMSO, NORWAY AND KIRUNA, SWEDEN,	AFCRL 64 0568
OME SELECTED STUDIES OF	TROPICAL METEOROLOGY, APR 1964& OF S	AFCRL 64 0327
CLCATIONS & AUGUST &	TROPOPAUSE DEFINITION AND HOURLY FLU	AFCRL 64 0653
CONJUNCTION WITH A SHOCK	TUBE & APRIL 1964 & TO BE USED IN C	AFCRL 64 0457
OF ENERGY TRANSFER IN A	TUBE ARC HEATER, JUL 1964	ARL 64 0112
SEP 1964 SHOCK	TUBE DECOMPOSITION OF NITROUS OXIDE,	ARL 64 0143
OF A LUMINOUS SHOCK	TUBE FOR SPECTROSCOPIC INVESTIGATION	AFCRL 64 0257
IN THE DRIFT	TUBE OF A TIME&OF&FLIGHT MASS SPECTR	AFCRL 64 0519
SONIC FLOW IN THE SHOCK	TUBE, FEB 1964& HIGH&ENTHALPHY SUPER	ARL 64 0117
A FIELD&BOMBARDMENT OF	TUNGSTEN WITH 20-KEV HELIUM ATOMS IN	AFOSR 64-1212
&C WAVEGUIDE MIXER WITH	TUNNEL DIODE & JULY 1964& OF AN RGBA	AFCRL 64 0567
PART I, MAR 1964 WIND	TUNNEL STUDIES OF ANTENNA BREAKDOWN,	AFCRL 64 0282
I-V CHARACTERISTIC FOR	TUNNELING BETWEEN TWO SUPERCONDUCTOR	AFOSR 64-1571
FUNCTIONAL EQUATION FOR	TURBULENCE& THE HOPF CHARACTERISTIC	AFOSR 64 1113
SCATTERING OF SOUND BY	TURBULENCE, FINAL REPORT, APR 1963	AFOSR 64-1279
AND AXI-SYMMETRIC	TURBULENT FLAME PROPAGATION IN HYDRO	AFOSR 64-1472
ELECTRIC ARCS IN	TURBULENT FLOWS, SEP 1964	ARL 64 0148
FOR THE MEASUREMENT OF	TURBULENT FLUXES IN THE LOWER ATMOSP	AFCRL 64 0147
U SODIUM	TWILIGHT AT CHRISTCHURCH, NEW ZEALAN	AFCRL 64 0438
QUANTUM OSCILLATIONS IN	ULTRASONIC ABSORPTION & FROM GIANT	AFOSR 64-1256
ATURE DEPENDENCE OF THE	ULTRASONIC ATTENUATION IN GERMANIUM	AFOSR 64-1237
IT FOR DETECTING ANIMAL	ULTRASOUND EQUIPME	AFOSR 64-1168
FROM SOLAR EXTREME	ULTRAVIOLET ABSORPTION MEASUREMENTS	AFCRL 64 0237
VACUUM	ULTRAVIOLET GRATINGS, 30 APR 1964	AFCRL 64 0398
ATING COMPONENTS IN THE	ULTRAVIOLET REGION MAY 1964 & ATTENU	AFCRL 64 0405
INFLUENCE OF CLOUDS ON	ULTRAVIOLET SKY RADIATION AT 330	AFCRL 64 0565
NDING ANTENNA ARRAYS BY	UNEQUAL SPACINGS, MAR 1964 & BROADBA	AFCRL 64 0253
OF PARTICLES FROM A	UNIDIRECTIONAL PLANE SOURCE, AUG	ARL 64 0129
THE PARAMETER IN THE	UNIFORM (SITY WITHIN D UNITS OF	AFOSR 64-1639
NAR BOUNDARY LAYER WITH	UNIFORM INJECTION THE LAMI	AFOSR 64-1375
ELEMENTS AND ARBITRARY,	UNIFORM SPACING & JUNE 1964&OF MANY	AFCRL 64 0344
W OVER AN INCLINED & A	UNIFORMLY VALID SOLUTION FOR THE FLO	AFOSR 64 1056
PROBLEMS WITH	UNILATERAL CONSTRAINTS, THE SIGNORIN	ARL 64 0120
AL DESIGN IN THE SOVIET	UNION, MAY 1964 & THEORY AND LOGIC	AFCRL 64 0452
AVE EQUATION A	UNIQUENESS THEOREM FOR THE REDUCED W	AFOSR 64-1611
LES AND APPLICATIONS OF	UNISTOR GRAPHS PRINCIP	AFOSR 64-1563
EXTENSION. II.	UNPERTURBED DIMENSIONS AND SPECIFIC	AFOSR 64-1492
COEFFICIENT OF THE	UNPERTURBED EXTENSION. II.UNPERTURBE	AFOSR 64-1492
SUBCORTICAL FUNCTION IN	UNRESTRAINED ANIMALS, FINAL REPORT,	AFOSR 64-1435
KETONES AND PHENOL II.	UNSATURATED KETONES & I. SATURATED	AFOSR 64-1401
AT TRANSITION IN	UNSTABLE LAMINAR BOUNDARY LAYERS,	AFOSR 64-1280
- DIMENSIONAL INVISCID	UNSTEADY FLOWS BY THE METHOD OF	AFOSR 64 1055
DES FROM DIPHENYL PHENYL	UNSYMMETRICAL TERTIARY PHOSPHINE OXI	AFOSR 64-1510
TIVITY OF LANTHANUM AND	URANIUM & MODEL FOR THE SUPERCONDUC	AFOSR 64-1213
COMBUSTION FOR THE	UTIAS IMPLOSION DRIVEN LAUNCHER,	ARL 64 0130
EFFECTS OF RATE OF	UTTERANCE AND DURATION OF EXCERPT	AFCRL 64 0155
IN METAL OXIDES OXYGEN	VACANCIES AND ELECTRICAL CONDUCTION	AFOSR 64-1230
S ON SOLIDS IN THE HIGH	VACUUM RANGE, 30 APR 1964 & OF GASE	AFCRL 64 0468
1964	VACUUM ULTRAVIOLET GRATINGS, 30 APR	AFCRL 64 0398
XISTENCE OF OVERLAPPING	VALENCE AND CONDUCTION BANDS IN SNTE	AFOSR 64-1250
INCLINED & A UNIFORMLY	VALID SOLUTION FOR THE FLOW OVER AN	AFOSR 64 1056
ICAL AROMATIC SUBSTITUE	VALIDITY OF RATE FACTORS IN FREE RAD	AFOSR 64-1533
UOUSLY CONTINUOUS VECTOR	VALUED FUNCTIONS & THEOREMS FOR STR	AFOSR 64-1736
UCTURAL ANALYSIS OF MANY	VALUED LOGIC ON STRU	AFOSR 64-1341
TRANSPORT RATE IN THE	VAPOR-SOLVENT GROWTH SYSTEM ZNS-I	AFOSR 64-1251
CONTINUOUS INDEPENDENT	VARIABLE DYNAMIC PROGRAMMING WITH	AFOSR 64-1336

N AT OBLIQUE EFIAEC AND	VARIABLE FREQUENCY PULSE TRANSMISSIO	AFCRL 64 0392
TIONS FOR SEPARATION OF	VARIABLES AND ALTERNATIVE REPRESENTA	AFOSR 64-1600
AND QUOTIENTS OF RANDOM	VARIABLES AND THEIR APPLICATIONS,	ARL 64 0115
IONS IN TWO INDEPENDENT	VARIABLES&PARTIAL DIFFERENTIAL EQUAT	AFOSR 64-1731
FOR ESTIMATING THE	VARIANCE WITHIN D UNITS OF THE TRUE	AFOSR 64-1640
ESTIMATE THE RATIO OF	VARIANCES WITH BOUNDED RELATIVE	AFOSR 64-1641
CTIONS OF MEASURES AND	VARIATIONAL INTEGRALS SUBLINEAR FU	AFOSR 64-1320
AGNETIC & NON ABELIAN	VECTOR GAUGE FIELDS AND THE ELECTROM	AFOSR 64-1152
MASIC SYSTEM STUDY FOR	VECTOR MAGNETIC FIELD MEASUREMENTS	AFCRL 64 0322
FOR STRONGLY CONTINUOUS	VECTOR VALUED FUNCTIONS & THEOREMS	AFOSR 64-1734
ING ADAPTIVE PATTERN &	VECTORCARDIOGRAPHIC DIAGNOSIS UTILIZ	AFOSR 64-1570
BALLOON DART SOUNDING	VEHICLE & MAY 1964 JUDICROBI	AFCRL 64 0471
EQUENCY NOISE IN SPACE	VEHICLES, MAR 1964 & LOWEF	AFCRL 64 0357
OF TIME DEPENDENT	VELOCITY FIELDS IN LOW SPEED WATER	AFOSR 64-1278
OF TEMPERATURE AND	VELOCITY PROFILES DURING BREAKDOWN	AFCRL 64 0504
YSTALLOGRAPHIC STUDY OF	VERTEBRATE OTOLITHS A CR	AFOSR 64-1175
DENSITY&HORIZONTAL AND	VERTICAL DISTRIBUTIONS OF ATMOSPHERI	AFCRL 64 0483
FUNCTION OF THE	VERTICAL LOBE IN OCTOPUS VULGARIS	AFOSR 64-1683
OF SELECTED	VERTICALLY CONVECTING CLOUD DEVELOPM	AFCRL 64 0333
OF MULTILEVEL AND	VERTICALLY INTEGRATED NUMERICAL	AFCRL 64 0524
IN THE CEREBRAL	VESICLE OF THE ASCIDIAN TADPOLE.	AFOSR 64-1704
ERA FOR EIGENVALUES OF	VIBRATING SYSTEMS, FINAL REPORT EAT	AFOSR 64-1445
VARIATION ON THE	VIBRATION FREQUENCY OF THE CARBONYL	AFOSR 64-1544
THE SPECTRUM OF RANDOM	VIBRATION OF A NONLINEAR OSCILLATOR	AFOSR 64 1057
POTENTIAL CONSTANTS&THE	VIBRATIONAL SPECTRUM, STRUCTURE, AND	AFCRL 64 0691
ACID THE REACTION OF	VINYLMERCURIC IODIDE WITH NONHALOGEN	AFOSR 64-1412
IN A STRAINED	VISCOELASTIC FLUID UNDER STEADY	AFOSR 1140
MULTIAXIAL FAILURE OF	VISCOELASTIC MATERIALS, SEP 1964	ARL 64 0144
PORT, JUL & HIGH SPEED	VISCOUS AND REACTING FLOWS, FINAL RE	AFOSR 64-1616
OF INVISCID AND	VISCOUS FLOW FIELD IN SUPERSONIC	ARL 64 0146
TIC MORPHOLOGY OF THE	VISIBLE AURORA, ITS RELATION TO MAGN	AFCRL 64 0570
AND HEAVY WATER IN THE	VISIBLE REGION OF THE SPECTRUM & I	AFCRL 64 0481
RAGE OF INFORMATION IN	VISION NOTE ON SHORT TERM ST	AFOSR 64-1574
CORTEX LESIONS AND	VISUAL ACUITY OF THE RHESUS MONKEY	AFOSR 64-1297
OPUS VULGARIS THE	VISUAL ATTACK LEARNING SYSTEM IN OCT	AFOSR 64-1690
STIMULATING LATERAL &	VISUAL CORTICAL RESPONSES EVOKED BY	AFOSR 64-1196
A PERIMETRIC STUDY OF	VISUAL FIELD DEFECTS IN MONKEYS	AFOSR 64-1295
BEETLE ELAUS	VISUAL INFORMATION PROCESSING IN THE	AFOSR 64-1697
PING TORNADO AUGUST &	VISUAL OBSERVATIONS BENEATH A DEVELO	AFCRL 64 0632
AND LESIONS IN THE	VISUAL SYSTEM OF OCTOPUS VULGARIS	AFOSR 64-1712
CTRICALLY STIMULATED IN	VITRO & OF CEREBRAL TISSUES, ELE	AFOSR 64-1703
IOSYNTHESIS OF VASOPRIN	VITRO STUDIES ON THE SECRETION AND B	AFOSR 64-1171
STUDY OF DIRECTIVE	VLF WAVE ANTENNAS FOR RECEPTION OF	AFCRL 63 0371
IELD STRENGTH METER FOR	VLF WAVES, 1 APR 1964 F	AFCRL 64 0479
RAL ZONE&PART IA OCCUR	VLF&EMISSIONS OBSERVED NEAR THE AURO	AFCRL 64 0627
RAL ZONE&PART IIA THE	VLF&EMISSIONS OBSERVED NEAR THE AURO	AFCRL 64 0628
AND BACKGROUND	VLF, ELF AND SUB ELF ELECTROMAGNETIC	AFCRL 64 0204
INTERBAND FARADAY AND	VOIGT EFFECTS QUANTUM THEORY O	AFOSR 64-1226
IN THE CURRENT -	VOLTAGE CHARACTERISTICS OF THIN	AFOSR 64-1564
ENERGY BALANCE IN &	VOLTAGE DISTRIBUTION, IONIZATION, AN	ARL 64 0152
LITY OF TRICHLORIDE, &	VOLTAMMETRIC EVALUATION OF THE STABI	AFOSR 64-1516
WITH DISCRETE	VORTEX APPROXIMATION, WITH REFERENCE	AFOSR 64-1292
INVESTIGATIONS OF	VORTEX OCCURRENCE AT TRANSITION IN	AFOSR 64-1280
TO THE ROLLING UP OF A	VORTEX SHEET, FINAL REPORT, MAY 1964	AFOSR 64-1292
SECOND ORDER EFFECT OF	VORTICITY INTERACTIONS INCLUDING THE	AFOSR 64-1720
ING PROCESS IN OCTOPUS	VULGARIS THE POSITIVE LEAR	AFOSR 64-1684
RTICAL LOBE IN OCTOPUS	VULGARIS & FUNCTION OF THE V	AFOSR 64-1683
RNING SYSTEM IN OCTOPUS	VULGARIS THE VISUAL ATTACK LEA	AFOSR 64-1690
ISUAL SYSTEM OF OCTOPUS	VULGARIS & AND LESIONS IN THE V	AFOSR 64-1712
NATURAL CONVECTION FROM	WALL SECTIONS OF ARBITRARY TEMPERATU	ARL 64 0155
COOPERATIVE STORAGE	WAREHOUSES, FINAL REPORT, MAY 1962	AFOSR 2615
LATION TO STRATOSPHERIC	WARMINGS & AUGUST 1964& AND THEIR RE	AFCRL 64 0501
TO MICROBIOLOGICAL	WASTE CONVERSION IN CONTROL OF ISOLA	AFCRL 64 0341
DECOMPOSITION OF	WATER AND OF THE MECHANISMS OF INTRA	AFCRL 64 0431
DISTRIBUTION AND LIQUID	WATER CONTENT IN NATURAL CLOUDS &	AFCRL 64 0621
ITY FIELDS IN LOW SPEED	WATER FLOWS, FINAL REPORT, FEB 1964	AFOSR 64-1278
OF MATRIX ISOLATED	WATER IN THE PURE ROTATION REGION	AFOSR 64-1507
SEA WATER, AND HEAVY	WATER IN THE VISIBLE REGION OF THE	AFCRL 64 0481
BIOPHYSICAL ASPECTS OF	WATER TRANSPORT IN CELLS AND TISSUES	AFOSR 64-1188
ION DETECTION 26 JUN &	WATER WELLS IN EARTHQUAKE AND EXPLOS	AFCRL 64 0177
WATER, ARTIFICIAL SEA	WATER, AND HEAVY WATER IN THE VISIBL	AFCRL 64 0491
ABSORPTION IN DISTILLED	WATER, ARTIFICIAL SEA WATER, AND	AFCRL 64 0481
A PLANE ELECTROMAGNETIC	WAVE AND AN OSCILLATING MEDIUM, MAR	AFCRL 64 0532
STUDY OF DIRECTIVE VLF	WAVE ANTENNAS FOR RECEPTION OF TRANS	AFCRL 63 0371
ASSOCIATED WITH SHORT&	WAVE ANTENNAS IN ARBITRARY LAND&SEA	AFCRL 64 0457
THEOREM FOR THE REDUCED	WAVE EQUATION A UNIQUENESS	AFOSR 64-1611
VALUE PROBLEM FOR THE	WAVE EQUATION IN AN INHOMOGENEOUS	AFOSR 64-1642
THEOREM OF THE SKY	WAVE FIELD FROM A DIPOLE IN AN ARBIT	AFCRL 64 0509
ERATURES AT MILLIMETER&	WAVE FREQUENCIES JULY 1964& SKY TEMP	AFCRL 64 0590
PLOTTING OF SPIN&	WAVE INSTABILITY THRESHOLD DATA	AFCRL 64 0639
AND AMPLITUDE RADIO	WAVE INTERACTION AT UNIVERSITY PARK,	AFCRL 64 0451
A STUDY OF MIDDLE CLOUD	WAVE PATTERNS & 31 MAY 1964	AFCRL 64 0465
ILMS MECHANISM OF SPIN	WAVE PINNING IN SOME FERROMAGNETIC F	AFOSR 64-1247
OF NORMAL MODES TO	WAVE PROPAGATION IN AN ALMOST&STRATI	AFCRL 64 0526
ON THE SPIN -	WAVE SPECTRUM IN THIN FERROMAGNETIC	AFOSR 64-1216
IDE A BACKWARD	WAVE SURFACE MODE IN A PLASMA WAVEGU	AFOSR 64-1373
APPLICATION OF SPIN-	WAVE THEORY TO EUS	AFOSR 64-1201
URFACE MODE IN A PLASMA	WAVEGUIDE A BACKWARD WAVE S	AFOSR 64-1373
FIGURE OF AN X&BAND	WAVEGUIDE MIXER WITH TUNNEL DIODE &	AFCRL 64 0547
& OF ONE QUANTUM TO ONE	WAVELENGTH IN SIZE & APRIL 1964&RANG	AFCRL 64 0541
Y THE SOLAR CORONA AT A	WAVELENGTH OF 6 CM, JUN 1964 & B	AFCRL 64 0258
OF ACETONE IN DIFFERENT	WAVELENGTH REGIONS. & PHOTOLYSIS	AFOSR 64-1410
THE EFFECTS OF COMBINED	WAVELENGTHS ON PHOTOSYNTHESIS, FINAL	AFOSR 64-1650
RESSIONAL HYDROMAGNETIC	WAVES EXPERIMENTAL STUDY OF COMP	AFOSR 64-1372
OF LONGITUDINAL PLASMA	WAVES BY NONLINEAR COUPLING OF TWO	AFCRL 64 0533
PATTERN OF SURFACE	WAVES FROM POINT SOURCES IN A MULTIL	AFCRL 64 0197
GENERATION OF HARMONIC	WAVES IN AN ISOTROPIC PLASMA, JUN	AFCRL 64 0378
AND ELECTROACOUSTIC	WAVES IN PLASMA, 8 JUN 1964	AFCRL 64 0473
OF TRAVELLING	WAVES IN THE IONOSPHERE AND THEIR	AFCRL 64 0171
OF LOW FREQUENCY RADIO	WAVES 2C JULY 1964 & VIRTUAL HEIGHT	AFCRL 64 0611
ED SYSTEM ON DILATIONAL	WAVES 31 JULY 1964 & OF A LAYER	AFCRL 64 0614
OF ELECTROMAGNETIC	WAVES. VOL I & FIREBALL AND GAMMA	AFCRL 64 0196
OF SURFACE AND INTERNAL	WAVES, FINAL REPORT, JUN 1964	AFOSR 64-1662
STRENGTH METER FOR VLF	WAVES, 1 APR 1964 FIELD	AFCRL 64 0479
LY POLARIZED TRANSVERSE	WAVES, 1 APR 1964 & CIRCULAR	AFCRL 64 0533
& REPRESENTATION OF THE	WEAK AND ELECTROMAGNETIC LAGRANGIAN	AFOSR 64-1151
STUDY OF ELECTRONS IN	WEAKLY IONIZED GASES FOR ARGON OR	AFCRL 64 0444
AID. VOL III &	WEAPONS PHENOMENOLOGY CODE &WEPH	AFCRL 64 0196
RESEARCH IN OBJECTIVE	WEATHER FORECASTING, 1 JUL 1961& 31	AFCRL 64 0600
UCY, 31 JUL 1964	WEATHER&SEISMIC&NOISE CORRELATION ST	AFCRL 64 0607
AN ERGODIC THEOREM WITH	WEIGHTED AVERAGES	AFOSR 64-1625
- POLE FUNCTIONS WITH	WEIGHTED PASSBAND RESPONSE AND STEEP	AFOSR 64-1730
TECTION 26 JUN & WATER	WELLS IN EARTHQUAKE AND EXPLOSION DE	AFCRL 64 0177
NS PHENOMENOLOGY CODE &	WEPH III, 31 MAR 1964 & III & WEAPO	AFCRL 64 0196
INSTABILITY IN THE	WHISTLER MODE CAUSED BY A GYRATING	AFOSR 64-1376
ONS, 19 AUG &STUDIES OF	WHISTLERS AND AUDIO&FREQUENCY EMISSI	AFCRL 63 0772
SOME DIFFERENT TYPES OF	WHISTLERS IN RELATION TO SIMULTANEOU	AFCRL 64 0482
S OF ARBITRARY SPECTRAL	WIDTH & LIKE ELECTROMAGNETIC FIELD	AFOSR 64 0804
HE GROUND IN STABLE &	WIND AND TEMPERATURE PROFILES NEAR T	AFCRL 64 0401
ERRAIN ROUGHNESS AND THE	WIND PROFILE 30 APRIL 1964 & OF TE	AFCRL 64 0402
MAY 1964 SMALL&SCALE	WIND STRUCTURE ABOVE 100 KILOMETERS,	AFCRL 64 0413
DOWN, PART I, MAR 1964	WIND TUNNEL STUDIES OF ANTENNA BREAK	AFCRL 64 0282
INVESTIGATION OF THIN	WIRE CIRCULAR LOOP ANTENNAS AND	AFCRL 64 0555
F CONNECTED HANDWRITTEN	WORDS & ON COMPUTER RECOGNITION O	AFOSR 64-1575
HEADINGS AND TITLE	WORDS IN THREE MEDICAL INDEXING	AFOSR 64-1309
GHT STATIONS AROUND THE	WORLD, APR 1964&EARTH OBSERVED AT EI	AFCRL 64 0419
IN RADAR CROSS SECTIONS	XLIX DIFFRACTION AND SCATTERING BY	AFCRL 64 0138
CHLORIDE IN SOLVENT MI	XTURES OF CONSTANT IONIZING POWER&09	AFOSR 64-1528
SUBSTITUTIONS.	XXV. REACTIVITY OF ARALKANES, ARALKE	AFOSR 64-1505
BONDS IN CH,X AND CF,	XY MOLECULES, 9 APR 1964	AFCRL 64 0486
TRUM OF POLYCRYSTALLINE	YIG AS A FUNCTION OF DENSITY & SPEC	AFOSR 64-1246
HT AT CHRISTCHURCH, NEW	ZEALAND SODIUM TWILIG	AFCRL 64 0438
VALUES OF NON - SELF -&	ZEROES OF BESSEL FUNCTIONS AND EIGEN	AFOSR 64-1733
OF ZN67 AND TAU/3P1/ OF	ZINC & REDETERMINATION OF THE HFS	AFOSR 64-1579
U /1P1/ AND GJ /3P1/ IN	ZINC AND THE HFS OF ZN65 AND ZN67&TA	AFOSR 64-1580
ATION KINETICS OF ALPHA	ZIRCONIUM AT 850 DEGREES C & OXID	AFOSR 64-1227
OXIDATION KINETICS OF	ZIRCONIUM IN THE TEMPERATURE RANGE	AFOSR 64-1224
IN ZINC AND THE HFS OF	ZN65 AND ZN67&TAU /1P1/ AND GJ /3P1/	AFOSR 64-1580
MOMENTS OF 245-DAY	ZN65 REDETERMINATION OF THE HFS OF	AFOSR 64-1579
RMINATION OF THE HFS OF	ZN67 AND TAU/3P1/ OF ZINC & REDETE	AFOSR 64-1579
AND THE HFS OF ZN65 AND	ZN67&TAU /1P1/ AND GJ /3P1/ IN ZINC	AFOSR 64-1580
PERTURBATIONS DUE TO	ZONAL GRAVITATIONAL HARMONICS &	AFCRL 64 0566
URK &A STUDY OF AURORAL	ZONE IONOSPHERIC IRREGULARITIES NETW	AFCRL 64 0568
64 AURORAL	ZONE IONOSPHERIC RESEARCH, 20 MAR 19	AFCRL 64 0353
NEAR THE THREE&PHASE	ZONE OF AN OXYGEN ELECTRODE & 30	AFCRL 64 0539
NEAR THE AURORAL	ZONE&PART IA OCCURRENCE OF EMISSION	AFCRL 64 0627
NEAR THE AURORAL	ZONE&PART IIA THE PHYSICAL PROPERTI	AFCRL 64 0628

★ U. S. GOVERNMENT PRINTING OFFICE : 1964 O - 757-520

BLANK PAGE