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TECHNICAL INFORMATION DIVISION**

TECHNICAL PUBLICATIONS, 1966

(KWIC INDEXED)

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FOREWORD

This bibliography lists 714 technical publications of the U. S. Army Electronics Command prepared during calendar year 1966. The citations are grouped by organizational element. Two indexes are provided: a Key Word in Context (KWIC) index for retrieval of titles by subject area, and an author index. U.S. patents granted to ECOM personnel are listed separately.

Among the broad subject areas covered in the bibliography are: electronic engineering, communications, automatic data processing systems, combat surveillance, avionics, navigation, atmospheric sciences, electronic warfare, electronic components, power sources, materials, and related fields of physics and mathematics.

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The Key Word in Context (KWIC) index allows you to find out rapidly and easily if any of the titles in this bibliography contain words of interest.

Merely look for the word in question in the alphabetical list of terms appearing down the center of the page. If that word does not appear, try other related words.

The full title will appear surrounding each key word. In some cases, long titles will be cycled back to the beginning of the line.

If the title looks interesting, you will find full bibliographic identification of the item, by number, in the Bibliography section of this report.

Copies of the listed papers are available from sources as indicated on the preceding page.

KWIC SUBJECT INDEX

Citation No.

KEYWORD

<p>FREQUENCY MULTIPLICATION IN CIRCUITS WITH ABRUPT JUNCTION VARACTOR DIODES#</p> <p>ARTIAL DIFFERENTIAL EQUATIONS WITH PARTIALLY ABSORBING BOUNDARIES#</p> <p>MICROANALYSIS OF METAL BRIDGES BY INFRARED ABSORPTION SPECTROSCOPY IN THE RANGE 8000 TO 250 CM-1#</p> <p>DETERMINATION OF PARAMETERS IN ABSORPTION SPECTRA BY NUMERICAL MINIMIZATION TECHNIQUES#</p> <p>UDY OF ATMOSPHERIC REFRACTION EFFECTS ON THE ACCURACY OF RADAR RANGE POSITION MEASUREMENTS OF LOW LEVEL TARGET DISCHARGES BY MICROWAVE PROBING OF STANDING ACOUSTIC WAVES#</p> <p>FERRIMAGNETIC, FERROELECTRIC AND ACOUSTIC DEVICES#</p> <p>LAYER WIND MEASUREMENT BY ACOUSTIC BEAMS#</p> <p>OF LIGHT MATHEMATICAL MODELS FOR ATMOSPHERIC ACOUSTICAL WAVE TRACKING#</p> <p>LAYER WIND MEASUREMENTS BY AN ACOUSTICAL TECHNIQUE#</p> <p>DIGITAL DATA ACQUISITION SYSTEMS#</p> <p>RESISTANCE CAPACITANCE ACTIVE FILTERS#</p> <p>MECHANICALLY ACTUATED RADIO TRANSMITTERS#</p> <p>VOICE ACTUATED ADDRESS MECHANISMS#</p> <p>FEASIBILITY STUDY OF TIME SCALE SELECTOR FOR ADAPTER SYNTHESIZERS#</p> <p>AUTOMATIC DATA RATE CHANGER FOR RADIO AIRCRAFT SUBSYSTEMS#</p> <p>MODULAR ORGANIZATION FOR NODES IN AN ADAPTIVE, NONSTATIC PROCESS-ORIENTED COMMUNICATIONS SYSTEM#</p> <p>VOICE ACTUATED ADDRESS MECHANISMS#</p> <p>ADVANCED ARMY AIRCRAFT INSTRUMENTATION SYSTEMS#</p> <p>AERIAL INSTALLATION OF CABLE ASSEMBLY, SPECIAL PURPOSE#</p> <p>ELECTRICAL</p> <p>MEASUREMENT OF AEROSOLS#</p> <p>DETERMINATION OF THE GAS TEMPERATURE IN THE AFTERGLOW OF PULSED DISCHARGES BY MICROWAVE PROBING OF STANDING A WAVE TEMPERATURE IN DENSE HELIUM AFTERGLOW PULSES#</p> <p>THE EFFECT OF GAS TEMPERATURE ON ELECTRON T QUARTZ CRYSTAL AGING EFFECTS#</p> <p>RING OF TEMPERATURE COMPENSATED QUARTZ OSCILLATORS#</p> <p>AIR EARTH CURRENTS MEASURED WITH RADIOSONDES#</p> <p>AIR FLOW IN A VEGETATIVE CANOPY#</p> <p>A MATHEMATICAL MODEL FOR AIRBORNE MILLIMETER RADAR TECHNIQUES#</p> <p>STUDY OF AIRBORNE MILLIMETER RADAR TECHNIQUES#</p> <p>EVALUATION OF AIRBORNE FILM PROCESSOR, FM-21#</p> <p>BASIC 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TEMPERATURE MEASUREMENTS FROM RADIOSONDES FLOWN ON CONSTA</p> <p>LEVEL BALLOONS#</p> <p>LEVEL BALLOONS#</p> <p>DEVELOPMENT LATENSIFICATION USING POLYALKYLENE AMPLIFICATION AT NONEQUILIBRIUM POSITIVE TEMPERATURES#</p> <p>EVEL SYSTEM WITH DISSIPATION-- OPT RESONANCE INVESTIGATION OF ELECTRONIC INTERACTION WITH OPT</p> <p>ICAL RESONATORS FOR MICROWAVE GENERATION AND AMPLIFICATION#</p> <p>PHASE SHIFT AMPLIFIER WITH CYCLOTRON WAVE MODULATION OF PUMP ENERGY#</p> <p>MIXER IF AMPLIFIER ASSEMBLY#</p> <p>OPERATION OF THE INTEGRATED DISTRIBUTED AMPLIFIER TYPE 2-5278#</p> <p>MICROWAVE TRANSISTOR AMPLIFIER RESEARCH#</p> <p>A COAXIAL CAVITY POWER AMPLIFIER OPERATING TO 2000 MEGAHERTZ#</p> <p>DEVELOPMENT OF TUNABLE 35 GHz PARAMETRIC AMPLIFIER AND EXPLORATORY MODEL ANTENNAS#</p> <p>TEMPERATURE COMPENSATED ALTERNATING CURRENT AMPLIFIERS#</p> <p>TYPE OF BROADBAND LOW NOISE RADIO FREQUENCY AMPLIFIERS#</p> <p>SISTOR, FIELD EFFECT, INSULATOR GATE, 100-MC AMPLIFIERS#</p> <p>MICROWAVE SEMICONDUCTOR OSCILLATOR AND AMPLIFIERS#</p> <p>REGENERATIVE ROBY LASER AMPLIFIERS#</p> <p>THE DESIGN OF WIDEBAND HIGH POWER KLYSTRON AMPLIFIERS#</p> <p>STUDY AND INVESTIGATION LEADING TO IGM, FABRICATION AND EVALUATION OF THIN FILM AMPLIFIERS#</p> <p>MEMORY FOR CROSSED FIELD DISTRIBUTED EMISSION AMPLIFIERS#</p> <p>RANDOM, SHOT, THERMAL, AND IMPULSE NOISE IN AMPLIFIERS#</p> <p>NONLINEAR INTERACTION T NEW CONCEPT FOR REDUCING</p> <p>COUPLING APPLICATION IN MICROWAVE TRANSISTOR AMPLIFIERS#</p> <p>DISTRIBUTED NETWORKS FOR INTERSTAGE</p> <p>ANGLE DETECTION#</p> <p>DEPENDENCE OF PULSE AMPLITUDE LIMITER USING TUNNEL DIODES#</p> <p>AMPLITUDE AND POLARITY ON POSITION OF ENTRY IN A SOLID-STATE PART</p> <p>TRANSIENT SUPPRESSOR FOR RADIO SET AM/GRD-108 AND ITS CONFIGURATIONS#</p> <p>AMPLITUDE MODE OPERATION FOR AN/TRD-15 DOPPLER DIRECTION FINDER#</p> <p>DEVELOPMENT MODEL OF VIDEO RECORDER KIT FOR AN/MPQ-44#</p> <p>ADVANCED</p> <p>ELEMENT OF THE METEOROLOGICAL MEASURING SET AN/TMO-22(XE-3)#</p> <p>UCY</p> 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BIBLIOGRAPHY

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Atmospheric Sciences

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- 29 REMOTE TEMPERATURE MEASUREMENTS#
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 AMC BRIEFING ON METEOROLOGICAL EQUIPMENT AND TECHNIQUES, FORT MONMOUTH,
 N. J., 4-7 OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 30 METEOROLOGICAL MEASURING SET AN/TM-22#
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 AMC BRIEFING ON METEOROLOGICAL EQUIPMENT AND TECHNIQUES, FORT MONMOUTH,
 N. J., 4-7 OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 31 HYDROGEN GENERATOR ML-536/UM, BALLOON INFLATION AND LAUNCHING DEVICE
 ML-594/US#
 BY: WILSON, F. W.
 AMC BRIEFING ON METEOROLOGICAL EQUIPMENT AND TECHNIQUES, FORT MONMOUTH,
 N. J., 4-7 OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 32 PROBLEMS OF AUTOMATION IN METEOROLOGICAL SYSTEMS#
 BY: WILSON, F. W.
 AMC BRIEFING ON METEOROLOGICAL EQUIPMENT AND TECHNIQUES, FORT MONMOUTH,
 N. J., 4-7 OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD

- 33 OBJECTIVE CRITERIA FOR ELIMINATING LOWER ATMOSPHERIC EFFECTS FROM FIELD TESTS OF ARMY COMMUNICATIONS ELECTRONICS
BY: BARNETT, K. M.
PROCEEDINGS OF ARMY OPERATIONS RESEARCH SYMPOSIUM, FT. MONMOUTH, N. J., 30 MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 34 WIND VARIABILITY OVER A COMPLEX SURFACE
BY: PRIES, T. M.
PROCEEDING OF UNGUIDED ROCKET BALLISTICS CONFERENCE, TEXAS WESTERN COLLEGE, 30 AUG - 1 SEP 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 35 A STUDY OF ANOMALOUS RADAR REFLECTIONS AND RELATED CONVECTIVE INSTABILITY
BY: CARLSON, A. V.
PROCEEDINGS OF 12TH CONFERENCE ON RADAR METEOROLOGY, NORMAN, OKLAHOMA, 17-21 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 36 A MATHEMATICAL MODEL FOR AIR FLOW IN A VEGETATIVE CANOPY
BY: CIONCO, R. M.
PROCEEDINGS OF ARMY SCIENCE CONFERENCE, WEST POINT, 14-17 JUN 66
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 37 WIND VARIABILITY OVER A COMPLEX SURFACE
BY: APPLEBY, J. H. PRIES, T. M.
AMS-AIAA 6TH CONFERENCE ON APPLIED METEOROLOGY, LOS ANGELES, CALIF., 28 MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 38 A STATISTICAL TURBULENCE MODEL OF ATMOSPHERIC BOUNDARY LAYER MOMENTUM DISTRIBUTION AND PRELIMINARY APPLICATIONS
BY: MEYERS, R. E.
47TH ANNUAL MEETING AMS-AGU, WASHINGTON, D. C., 21 APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 39 A STUDY OF ATMOSPHERIC REFRACTION EFFECTS ON THE ACCURACY OF RADAR SPACE POSITION MEASUREMENTS OF LOW LEVEL
BY: CARLSON, A. V.
37TH MEETING OF ELECTRONIC TRAJECTORY MEASUREMENTS WORKING GROUP, IRIG, ALBUQUERQUE, NEW MEXICO, 4 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 40 A MICROMETEOROLOGICAL EXPERIMENT
BY: STENMARK, E. B.
AMC BRIEFING ON METEOROLOGICAL EQUIPMENT AND TECHNIQUES, FORT MONMOUTH, N. J., 4-7 OCTOBER 1967
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 41 USE OF PARTIAL DIFFERENTIAL EQUATIONS WITH PARTIALLY ABSORBING BOUNDARIES
BY: MEYERS, R. E.
CHAPEL HILL, NORTH CAROLINA, NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 42 PERSONNEL DETECTION
BY: CIONCO, R. M.
ARMY RESEARCH OFFICE, WASHINGTON, D. C., NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C
- 43 MATHEMATICAL MODELING OF THE LOWER ATMOSPHERE
BY: OHMSTEDL, N. D.
SEMINAR AT CORNELL UNIVERSITY, ITHACA, N. Y., NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, SELHU-C

- 44 A COMPARISON OF TOWER AND PIBAL WIND MEASUREMENTS#
BY: RIDER, L. J. ARMENDARIZ, M.
JOURNAL OF APPLIED METEOROLOGY, FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 45 A NOTE ON THE COMPARISON OF ROCKET AND ESTIMATED GEOSTROPHIC WINDS AT
THE 10MB LEVEL
BY: KAYS, M. D.
JOURNAL OF APPLIED METEOROLOGY, FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 46 ELECTROMAGNETIC SCATTERING FROM RADIALLY INHOMOGENEOUS INFINITE CYLI
NDERS AT OBLIQUE INCIDENCE#
BY: FARUNE, M. A. QUERFELD, C. W.
JOURNAL OF OPTICAL SOCIETY OF AMERICA, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 47 ON THE ORDER OF MAGNITUDE OF LARGE SCALE VERTICAL MOTIONS IN THE UPP
ER STRATOSPHERE#
BY: KAYS, M. D.
JOURNAL OF GEOPHYSICAL RESEARCH, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 48 THE EFFECT OF ATMOSPHERIC LAPSE RATES ON BALLOON ASCENT RATES#
BY: REYNOLDS, R. D.
JOURNAL OF APPLIED METEOROLOGY, AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 49 LOW LEVEL JET WINDS AT GREEN RIVER, UTAH#
BY: RIDER, L. J. ARMENDARIZ, M.
JOURNAL OF APPLIED METEOROLOGY, OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 50 DETERMINATION OF PARAMETERS IN ABSORPTION SPECTRA BY NUMERICAL MINIM
IZATION TECHNIQUES#
BY: MIHELES, R.
JOURNAL OF OPTICAL SOCIETY OF AMERICA, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 51 ON THE USE OF COURT S VERSUS DURST S TECHNIQUES FOR COMPUTING VECTOR
CORRELATION COEFFICIENTS#
BY: LAMBERTH, R. L.
JOURNAL OF APPLIED METEOROLOGY, OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 52 AMBIENT TEMPERATURE MEASUREMENTS FROM RADIOSONDES FLOWN ON CONSTANT
LEVEL BALLOONS#
BY: REYNOLDS, R. D. LAMBERTH, R. L.
JOURNAL OF APPLIED METEOROLOGY, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 53 LOW LEVEL JET AT WHITE SANDS MISSILE RANGE#
BY: RIDER, L. J.
JOURNAL OF APPLIED METEOROLOGY, JUNE 1966; PRESENTED AT AAAS, SEATTLE,
WASHINGTON, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-D
- 54 ON THE MEASUREMENT OF DUST DEVIL PARAMETERS#
BY: LAMBERTH, R. L.
BULLETIN AMERICAN METEOROLOGICAL SOCIETY, JULY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD
- 55 STRATOSPHERIC TIDAL CIRCULATIONS#
BY: WEBB, W. L.
REVIEW OF GEOPHYSICS, AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-DD

- 56 METEOROLOGICAL INSTRUMENTATION FOR ROCKET BALLISTIC SUPPORT#
 BY: GLASS, N. I., JR.
 PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
 30 AUGUST - 1 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 57 LAYER WIND MEASUREMENT BY ACOUSTIC MEANS#
 BY: LOM, M. D. H. COFFMAN, J. M.
 PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 58 BALLISTIC WIND VARIABILITY#
 BY: ARMENDARIZ, M. TRAWLE, E. J.
 PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
 30 AUGUST - 1 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 59 REQUIREMENTS FOR FIELD IMPACT PREDICTIONS#
 BY: RICHART, M.
 PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
 30 AUGUST - 1 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 60 ITERATIVE TECHNIQUES FOR COMPUTING LAUNCHER SETTINGS FOR UNGUIDED NO
 CKETS#
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 PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
 30 AUGUST - 1 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 61 IMPACT DISPERSION OF UNGUIDED ROCKETS FIRED AT WSMRF
 BY: DUNAWAY, G. L.
 PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
 30 AUGUST - 1 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 62 LAYER WIND MEASUREMENTS BY AN ACOUSTICAL TECHNIQUE#
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 7TH NATIONAL CONFERENCE ON AGRICULTURE METEOROLOGY, AMERICAN
 METEOROLOGICAL SOCIETY, SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 63 SYNOPTIC ANALYSES OF THE UPPER STRATOSPHERE DURING THE LATE WINTER S
 TORM PERIOD OF 1966#
 BY: WILLIAMS, B. H.
 CONFERENCE DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 64 A SCALE ANALYSIS OF STRATOSPHERIC WIND STRUCTURE#
 BY: MIERS, B. T. AVARA, E. P.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 65 WIND MEASUREMENTS IN THE SUBPOLAR MESOPAUSE REGION#
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 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS
- 66 LOW LATITUDE CLOUDS IN THE UPPER ATMOSPHERE#
 BY: WEBB, W. L.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-8L-WS

- 67 DYNAMIC AND METEOROLOGICAL PARAMETERS ASSOCIATED WITH A UNIQUE MOUNT
 AIR LEE WAVES
 BY: MEYNOLDS, H. D.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 68 ATMOSPHERIC TEMPERATURE STRATIFICATION AND THE DIURNAL TIDE#
 BY: COFFMAN, J. W.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 69 PRESSURE AND DENSITY STRUCTURE IN THE UPPER STRATOSPHERE AND LOWER ME
 SOSPHERE#
 BY: THIELE, O. N.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 70 THE PANAMA METEOROLOGICAL ROCKET NETWORK SITE#
 BY: DUFF, A. A.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 71 EFFECTS OF LOW HORIZONTAL VEHICLE VELOCITY ON SENSOR PERFORMANCE#
 BY: WILLIAMSON, L. E.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 72 A LOKI SYSTEM FOR DERIVING UPPER ATMOSPHERE WINDS AND TEMPERATURES#
 BY: OLSEN, R. KAYS, M. D.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 73 TEMPERATURE CORRECTIONS AND TIME RESPONSE OF ATMOSPHERE TEMPERATURE
 SENSING ELEMENTS#
 BY: BALLARD, H. N. RUBIO, R.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 74 A COMPARATIVE STUDY OF ROCKETSONDE AND RADIOSONDE TEMPERATURE#
 BY: CRAIG, C. L. IZQUIERDO, N. YEE, R. L.
 KENNEDY, B. N.
 CONFERENCE ON DYNAMIC STRUCTURE OF THE FREE ATMOSPHERE, AMERICAN
 METEOROLOGICAL SOCIETY, EL PASO, 8-10 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 75 TEMPERATURE MEASUREMENTS IN THE STRATOSPHERE AND MESOSPHERE#
 BY: BALLARD, H. N.
 6TH NATIONAL CONFERENCE ON APPLIED METEOROLOGY, LOS ANGELES,
 28-31 MARCH 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 76 WIND SHEAR FOR SMALL THICKNESS LAYERS#
 BY: ARMENDARIZ, M.
 6TH NATIONAL CONFERENCE ON APPLIED METEOROLOGY, LOS ANGELES; JOURNAL
 APPLIED METEOROLOGY, DECEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS
- 77 METEOROLOGICAL REAL-TIME SYSTEM USED IN SUPPORT OF UNGUIDED ROCKETS
 FIRINGS#
 BY: COCHRAN, V.
 6TH NATIONAL CONFERENCE ON APPLIED METEOROLOGY, LOS ANGELES,
 28-31 MARCH 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-BL-WS

- 89 SUFFICIENT CONDITIONS FOR A CHANNEL TO HAVE FINITE CAPACITY#
BY: DUNCAN, L. D.
12TH CONFERENCE OF ARMY MATHEMATICIANS, DARTMOUTH COLLEGE, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 90 A GENERALIZED PREDICTOR CORRECTOR METHOD FOR THE SOLUTION OF SYSTEMS
OF ORDINARY DIFFERENTIAL EQUATIONS#
BY: WALTERS, R. K.
12TH CONFERENCE OF ARMY MATHEMATICIANS, DARTMOUTH COLLEGE, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 91 DIURNAL TIDES NEAR THE STRATOPAUSE#
BY: BEYERS, N. J. WIERS, B. T.
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, SEATTLE,
JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 92 ATMOSPHERIC TURBULENCE OVER A NON-HOMOGENEOUS TERRAIN IN A SEMIARID
REGION#
BY: LANG, V. D. HANSEN, F. V.
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, SEATTLE,
JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 93 THE EFFECT OF MOUNTAIN LEE WAVES ON MISSILE TRAJECTORIES#
BY: LAMBERTH, R. L.
AMERICAN ASSOCIATION OF THE ADVANCEMENT OF SCIENCE, SEATTLE,
JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 94 INSTRUMENTING A METEOROLOGICAL WIND TUNNEL#
BY: HORN, J. D. HUNT, J. A.
AMERICAN GEOPHYSICAL UNION, LOS ANGELES, CALIFORNIA, SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 95 FOURIER SMOOTHED WIND PROFILES#
BY: ARMENDARIZ, M. RACHELE, H.
AMERICAN GEOPHYSICAL UNION, LOS ANGELES, CALIFORNIA, SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 96 THE RICHARDSON NUMBER AS A FUNCTION OF TIME AND VERTICAL DISTRIBUTIO
N#
BY: HANSEN, F. V. LANG, V. D.
AMERICAN GEOPHYSICAL UNION, LOS ANGELES, CALIFORNIA, SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 97 SOME APPLICATIONS OF WIND TO UNGUIDED ROCKET IMPACT PREDICTIONS#
BY: D'ARCY, E. M.
PROCEEDINGS OF CONFERENCE ON UNGUIDED ROCKET BALLISTICS, EL PASO,
30 AUGUST - 1 SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-WS
- 98 ACOUSTICAL AND METEOROLOGICAL DATA REPORT - SOTRAN I AND II#
BY: LOW, R. D. H.
TECHNICAL REPORT ECOM-5094, NOVEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 99 DIFFERENCES OF TOWER AND PIBAL WIND PROFILES#
BY: RIDER, L. J. ARMENDARIZ, M.
TECHNICAL REPORT ECOM-5095, NOVEMBER 1966, AMERICAN GEOPHYSICAL UNION,
LOS ANGELES, SEPTEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-D
- 100 A COMPARISON OF EIGHT MATHEMATICAL MODELS FOR ATMOSPHERIC ACOUSTICAL
RAY TRACING#
BY: LEE, R. P.
TECHNICAL REPORT ECOM-5096, NOVEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS

- 101 DRAG PLATE BALANCES
BY: MUNT, J. A. HORN, J. D.
TECHNICAL REPORT ECOM-5098, DECEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 102 DETERMINATION OF A REPRESENTATIVE WIND PROFILE FROM BALLOON DATA
BY: ARMENDARIZ, M. RACHELE, M.
TECHNICAL REPORT ECOM-5099, DECEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 103 US ARMY PARTICIPATION IN THE METEOROLOGICAL ROCKET NETWORK
BY: ATMOSPHERIC SCI, DFC, WSO
TECHNICAL REPORT ECOM-5028, JANUARY 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 104 RICHARDSON NUMBER TABLES FOR THE SURFACE BOUNDARY LAYER
BY: HANSEN, F. V.
TECHNICAL REPORT ECOM-5042, MARCH 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 105 UPPER WIND CORRELATIONS IN THE CENTRAL ROCKY MOUNTAINS
BY: LAMBERTH, R. L. ARMENDARIZ, M.
TECHNICAL REPORT ECOM-5061, JUNE 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 106 WIND AND TEMPERATURE DATA FOR THE FIRST 62 METERS OF THE BOUNDARY LAYER AT WHITE SANDS MISSILE RANGE
BY: HANSEN, F. V.
TECHNICAL REPORT ECOM-5079, SEPTEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 107 THE LATERAL INTENSITY OF TURBULENCE AS A FUNCTION OF STABILITY
BY: HANSEN, F. V.
TECHNICAL REPORT ECOM-5093, NOVEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 108 CONTINUOUS DETERMINATION OF THE AVERAGE SOUND VELOCITY OVER AN ARBITRARY PATH
BY: LOW, R. D. H.
TECHNICAL REPORT ECOM-5038, MARCH 1966
ORDERING CODE: 2 AD-482 327, ANSEL-BL-WS
- 109 CONSIDERATION OF SOME PROBLEMS IN CURVE FITTING
BY: MILLER, M. B.
TECHNICAL REPORT ECOM-5076, SEPTEMBER 1966
ORDERING CODE: 1 AD-642 857, ANSEL-BL-WS
- 110 STRATOSPHERIC CIRCULATION RESPONSE TO A SOLAR ECLIPSE
BY: WEBB, M. L.
TECHNICAL REPORT ECOM-5082, OCTOBER 1966
ORDERING CODE: 1 AD-642 858, ANSEL-BL-WS
- 111 MUZZLE VELOCITY MEASUREMENTS
BY: KENNEDY, B. M.
TECHNICAL REPORT ECOM-5083, OCTOBER 1966
ORDERING CODE: 1 AD-642 859, ANSEL-BL-WS
- 112 A REFINEMENT TECHNIQUE FOR UNGUIDED ROCKET DRAG COEFFICIENTS
BY: TRAYLOR, L. E.
TECHNICAL REPORT ECOM-5084, OCTOBER 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 113 OZONE MEASUREMENTS WITH ROCKET-BORNE OZONESONDES
BY: RANDHAWA, J. S.
TECHNICAL REPORT ECOM-5039, MARCH 1966; AMER MET SOC, DENVER, JAN 1966;
JOUR GEOPHYSICS RESEARCH, AUGUST 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-0

- 114 WIND SHEAR FOR SMALL THICKNES AYERS#
 BY: RIDER, L. J. ARMENDARIZ, M.
 TECHNICAL REPORT ECOM-5040, MARCH 1966
 ORDERING CODE: 2 AD-482 329, AMSEL-BL-WS
- 115 A REAGENT FOR THE SIMULTANEOUS MICROSCOPIC DETERMINATION OF QUARTZ AND HALIDES#
 BY: NUSBAUM, H.
 TECHNICAL REPORT ECOM-5085, OCTOBER 1966
 ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 116 WHITE SANDS MISSILE RANGE CLIMATE CALENDAR#
 BY: TAFT, P. H.
 TECHNICAL REPORT ECOM-5041, APRIL 1966
 ORDERING CODE: 1 AD-631 558, AMSEL-BL-WS
- 117 OBSERVED DIURNAL OSCILLATIONS OF PRESSURE AND DENSITY IN THE UPPER STRATOSPHERE AND LOWER MESOSPHERE#
 BY: THIELE, O. W.
 TECHNICAL REPORT ECOM-5047, APRIL 1966; JOUR ATMOSPHERIC SCIENCE,
 ORDERING CODE: 2 AD-UNKNOWN, AMSEL-BL-D
- 118 COMPARISON OF ROCKETSONDE AND RADIOSONDE TEMPERATURES AND A VERIFICATION OF COMPUTED ROCKETSONDE PRESSURE AND TEMPERATURE#
 BY: THIELE, O. W. BEYERS, M. J.
 TECHNICAL REPORT ECOM-5048, APRIL 1966
 ORDERING CODE: 1 AD-639 116, AMSEL-BL-WS
- 119 THE RICHARDSON NUMBER IN THE PLANETARY BOUNDARY LAYER#
 BY: HANSEN, F. V.
 TECHNICAL REPORT ECOM-5053, MAY 1966
 ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 120 COMPARISON OF NINE PROFILE MODELS FOR THE DIABATIC BOUNDARY LAYER#
 BY: HANSEN, F. V.
 TECHNICAL REPORT ECOM-5054, JUNE 1966
 ORDERING CODE: 1 AD-639 114, AMSEL-BL-WS
- 121 A SOUND RANGING TECHNIQUE FOR LOCATING SUPERSONIC MISSILES#
 BY: RACHELE, H.
 TECHNICAL REPORT ECOM-5055, MAY 1966, ALSO JOUR OF ACOUSTICAL SOCIETY
 OF AMERICA, NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-BL-D
- 122 THE MEASUREMENT OF TEMPERATURE IN THE STRATOSPHERE AND MESOSPHERE#
 BY: BALLARD, M. N.
 TECHNICAL REPORT ECOM-5056, MAY 1966
 ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 123 WIND SHEAR CALCULATIONS FOR SMALL SHEAR LAYERS#
 BY: ARMENDARIZ, M. RIDER, L. J.
 TECHNICAL REPORT ECOM-5057, JUNE 1966, PRESENTED AT AAAS, SEATTLE,
 JUNE 1966
 ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 124 THE WIND REGIME IN THE FIRST 62 METERS OF THE ATMOSPHERE#
 BY: HANSEN, F. V. LANG, V. O.
 TECHNICAL REPORT ECOM-5058, JUNE 1966
 ORDERING CODE: 1 AD-639 959, AMSEL-BL-WS
- 125 THE RATIO OF THE EXCHANGE COEFFICIENTS FOR HEAT AND MOMENTUM IN A HOMOGENEOUS, THERMALLY STRATIFIED ATMOSPHERE#
 BY: HANSEN, F. V.
 ORDERING CODE: 1 AD-639 961, AMSEL-BL-WS
- 126 PROJECTILE DISPERSION AS CAUSED BY BARREL DISPLACEMENT IN THE FIVE-INCH GUN PROBE SYSTEM#
 BY: MCCLUNEY, E.
 TECHNICAL REPORT ECOM-5060, JULY 1966
 ORDERING CODE: 1 AD-639 960, AMSEL-BL-WS

- 127 IMPROVED ROCKETSONDE PARACHUTE-DERIVED WIND PROFILES#
 BY: KAYS, M. D.
 TECHNICAL REPORT ECOM-5086, OCTOBER 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 128 ROCKET-BORNE OZONESONDE#
 BY: RAMDHANA, J. S.
 TECHNICAL REPORT ECOM-5064, JULY 1966; PRESENTED AMERICAN METEOROLOGICAL
 SOCIETY, WASHINGTON, D. C., APRIL 1966
- 129 A PROGRAM FOR FIELD DETERMINATION OF LAUNCHER ANGLES FOR UNGUIDED R
 OCKETS#
 BY: ENGBOS, B. F. DUNCAN, L. D.
 TECHNICAL REPORT ECOM-5088, OCTOBER
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 130 THE DESIRABILITY OF USING A FAST SAMPLING RATE FOR COMPUTING WIND VE
 LOCITY FROM PILOT BALLOON DATA#
 BY: RACHELE, H. DUNCAN, L. D.
 TECHNICAL REPORT ECOM-5066, JULY 1966
 ORDERING CODE: 1 AD-640 157, ANSEL-BL-WS
- 131 SPECTRAL TRANSMISSIVITY OF THE EARTH'S ATMOSPHERE IN THE 250 TO 500
 WAVE NUMBER INTERVAL, PART IV (FINAL)#
 BY: HALL, J. T. QUERFELD, C. W. HOIDALE, G. B.
 TECHNICAL REPORT ECOM-5068, JULY 1966
 ORDERING CODE: 2 AD-UNKNOWN, ANSEL-BL-D
 ORDERING CODE: 2 AD-UNKNOWN, ANSEL-BL-D
- 132 A COMPARISON OF THREE METHODS FOR THE CORRECTION OF RADAR ELEVATION
 ANGLE REFRACTION ERRORS#
 BY: MINOS, B. D. PAPPAS, R. G.
 TECHNICAL REPORT ECOM-5071, AUGUST 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 133 A MINERAL TRANSITION IN ATMOSPHERIC DUST TRANSPORT#
 BY: RIEDMULLER, G. F. BARBER, T. L.
 TECHNICAL REPORT ECOM-5072, AUGUST 1966
 ORDERING CODE: 2 AD-UNKNOWN, ANSEL-BL-WS
- 134 MIDLATITUDE CLOUDS IN THE UPPER ATMOSPHERE#
 BY: WEBB, W. L.
 TECHNICAL REPORT ECOM-5090, NOVEMBER 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-BL-WS
- 135 THE TOWER SHADOW EFFECT#
 BY: CERMAK, J. E. HORN, J. D.
 TECHNICAL REPORT ECOM-5074, AUGUST; PRESENTED AT AMERICAN METEOROLOGICAL
 SOC. AND AMERICAN GEOPHYSICAL UNION, WASH., D. C., APRIL 1966
 ORDERING CODE: 1 AD-642 854, ANSEL-BL-WS
- 136 BASIC CONSIDERATIONS IN THE DEVELOPMENT OF AN UNGUIDED ROCKET TRAJEC
 TORY SIMULATION MODEL#
 BY: DUNCAN, L. D.
 TECHNICAL REPORT ECOM-5076, SEPTEMBER 1966; PRESENTED AT CONF ON
 UNGUIDED ROCKET BALLISTICS, EL PASO, AUGUST 1966
 ORDERING CODE: 1 AD-642 855, ANSEL-BL-WS
- 137 TECHNIQUES FOR COMPUTING LAUNCHER SETTINGS FOR UNGUIDED ROCKETS#
 BY: DUNCAN, L. D. ENGBOS, B. F.
 TECHNICAL REPORT ECOM-5077, SEPTEMBER 1966
 ORDERING CODE: 1 AD-642 856, ANSEL-BL-WS
- 138 GUN LAUNCHED VERTICAL PROBES AT WSMR#
 BY: WILLIAMSON, L. E.
 TECHNICAL REPORT ECOM-5030, FEBRUARY 1966
 ORDERING CODE: 2 AD-482 330, ANSEL-BL-WS

- 139 AIR EARTH CURRENTS MEASURED WITH RADIOSONDES#
BY: LITTON SYSTEMS INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-02216, JUNE 1966
ORDERING CODE: 1 AD-637 318, AMSEL-BL-D
- 140 DIURNAL TIDAL MOTIONS NEAR THE STRATOPAUSE DURING 48 HOURS AT WSMR#
BY: BEYERS, N. J. MIERS, B. T. REED, R.
TECHNICAL REPORT ECOM-5031, FEBRUARY 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 141 INVESTIGATION OF THE COALESCENCE OF WATER DROPS#
BY: AERJET-GENERAL CORP.
FINAL REPORT, CONTRACT DA-28-043-AMC-00497(E), APRIL 1966
ORDERING CODE: 1 AD UNKNOWN, AMSEL-BL-MA
- 142 DEVELOPMENT OF THE METEOROLOGICAL MEASURING SET AN/TMO-22(XE-3)#
BY: CAMBRIDGE SYSTEMS, INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-01334(E), MARCH 1966
ORDERING CODE: 1 AD UNKNOWN, AMSEL-BL-D
- 143 DIURNAL VARIATIONS OF THE STRATOSPHERIC CIRCULATION#
BY: WEBB, W. L.
TECHNICAL REPORT ECOM-5029, FEBRUARY 1966
ORDERING CODE: 2 AD-462 324, AMSEL-BL-WS
- 144 THE FAIRBANKS CLIMATE CALENDAR#
BY: VAUGHN, J. P., JR.
TECHNICAL REPORT ECOM-6015, APRIL 1966
ORDERING CODE: 2 AD-475 566, AMSEL-BL-HU-C
- 145 THE YUKA CLIMATE CALENDAR#
BY: VAUGHN, J. P., JR.
TECHNICAL REPORT ECOM-6016, APRIL 1966
ORDERING CODE: 2 AD-483 019, AMSEL-BL-HU-C
- 146 THE GREELY CLIMATE CALENDAR#
BY: US ARMY MET TEAM
TECHNICAL REPORT ECOM-6017, JUNE 1966
ORDERING CODE: 2 AD-483 328, AMSEL-BL-HU-C
- 147 WIND TUNNEL MODELING OF VELOCITY PROFILES OF THE ATMOSPHERIC SURFACE
LAYERS#
BY: MAYNARD, H. W.
TECHNICAL REPORT ECOM-6019, APRIL 1966
ORDERING CODE: 1 AD-683 088, AMSEL-BL-HU-C
- 148 NUMERICAL SOLUTION OF THE TRANSPORT AND ENERGY EQUATIONS IN THE PLAN
ETARY BOUNDARY LAYERS#
BY: OHMSTEDE, W. D.
TECHNICAL REPORT ECOM-6020, APRIL 1966, PRESENTED AMS TECHNIQUE
DEVELOPMENT CONFERENCE, WASHINGTON, D. C., MAY 1966
ORDERING CODE: 1 AD-683 694, AMSEL-BL-HU-C
- 149 ATMOSPHERIC SCIENCES RESEARCH PROGRAM#
BY: GINNIE, R. R.
TECHNICAL REPORT ECOM-6021, JULY 1966
ORDERING CODE: 2 AD-487 402L, AMSEL-BL-HU-C
- 150 COMPUTER TECHNIQUES FOR ANALYSIS OF ATMOSPHERIC REFRACTIVITY#
BY: BROWN, S. H. CARLSON, A. V. SCHMITT, N. H.
TECHNICAL REPORT ECOM-6022, JUNE 1966
ORDERING CODE: 1 AD-697 129, AMSEL-BL-HU-C
- 151 OPERATIONAL METEOROLOGICAL SUPPORT TO US ARMY ROTC ACTIVITIES, FISCA
L YEAR 1966#
BY: ALLEN, J. T.
TECHNICAL REPORT ECOM-6023, SEPTEMBER 1966
ORDERING CODE: 2 AD-489 649, AMSEL-BL-HU-C

- 152 COORDINATE TRANSFORMATIONS IN TRAJECTORY SIMULATIONS#
BY: DUNCAN, L. D.
TECHNICAL REPORT ECOM-5032, FEBRUARY 1966
ORDERING CODE: 2 AD-481 561, AMSEL-BL-WS
- 153 ATMOSPHERIC WATER BUDGET OVER TROPICAL AREAS#
BY: NATIONAL ENGINEERING SCI. CO.
FINAL REPORT, CONTRACT DA-28-043-AMC-01549(E), JUNE 1966
ORDERING CODE: 1 AD-688 757, AMSEL-BL-WA
- 154 STRATOSPHERIC TIDAL JETS#
BY: WEBB, M. L.
TECHNICAL REPORT ECOM-5033, FEB 1966; JOUR ATMOSPHERIC SC, SEP 1966;
PRESENTED AMERICAN MET SOCIETY, JANUARY 1966
ORDERING CODE: 2 AD-UNKNOWN, AMSEL-BL-D
- 155 FOCAL PROPERTIES OF A PLANE GRATING IN A CONVERGENT BEAMS#
BY: HALL, J. T.
TECHNICAL REPORT ECOM-5034, FEBRUARY 1966; ALSO PUBLISHED IN APPLIED
OPTICS, JUNE 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WS
- 156 DIGITAL COMPUTER PROGRAM FOR FIVE DEGREE OF FREEDOM TRAJECTORY#
BY: COCHRAN, V. D ARCY, E. M. RAMIREZ, F.
TECHNICAL REPORT ECOM-5036, MARCH 1966
ORDERING CODE: 2 AD-484 479, AMSEL-BL-WS
- 157 REAL-TIME METEOROLOGICAL SYSTEM FOR FIRING OF UNGUIDED ROCKETS#
BY: DUNCAN, L. D. RACHELE, H.
TECHNICAL REPORT ECOM-5037, FEBRUARY 1966; PRESENTED AT ARMY SCIENCE
CONFERENCE, JUNE 1966
ORDERING CODE: 2 AD-482 326, AMSEL-BL-WS
- 158 LOW LEVEL JET WINDS AT GREEN RIVER, UTAH#
BY: ARMENDARIZ, M. RIDER, L. J.
TECHNICAL REPORT ECOM 5027, FEBRUARY 1966
ORDERING CODE: 2 AD-480 003, AMSEL-BL-WS
- 159 GROUND BASED PASSIVE PROBING IN THE MICROWAVES#
BY: U. S. DEPT OF COMMERCE
FINAL REPORT, CONTRACT WIPR NO. R65-15-AMC-00-91, MARCH 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-BL-WA
- 160 DETERMINATION OF POINT AND AREAL PRECIPITATIONS#
BY: UNIVERSITY OF ILLINOIS
FINAL REPORT, CONTRACT DA-28-043-AMC-00032(E), DECEMBER 1966
ORDERING CODE: 1 AD-645 218, AMSEL-BL-AP
- 161 PROCEEDINGS OF THE 1966 ARMY CONFERENCE ON TROPICAL METEOROLOGY#
BY: UNIVERSITY OF MIAMI
FINAL REPORT, CONTRACT DA-28-043-AMC-00443(E), OCTOBER 1966
ORDERING CODE: 1 AD-643 071, AMSEL-BL-WA
- 162 HAIL INCIDENCE IN THE TROPICS#
BY: FRISBY, E. M.
TECHNICAL REPORT ECOM-2768, OCTOBER 1966
ORDERING CODE: 1 AD-644 246, AMSEL-BL-AP
- 163 APPLICATION OF RADAR TO MEASUREMENT OF SURFACE PRECIPITATIONS#
BY: M.I.T.
FINAL REPORT, CONTRACT DA-28-043-AMC-01472(E), SEPTEMBER 1966
ORDERING CODE: 1 AD-643 733, AMSEL-BL-AP
- 164 ATMOSPHERIC LIGHT TRANSMISSION IN A WISCONSIN AREA#
BY: CANTOR, I. PETRIW, A.
TECHNICAL REPORT ECOM-2726, JUNE 1966
ORDERING CODE: 2 AD-803 444, AMSEL-BL-AP

- 165 VARIABILITY OF WISCONSIN AREA ATMOSPHERIC LIGHT TRANSMISSIONS
BY: PETRIW, A. CANTON, I.
TECHNICAL REPORT ECQM-2728, JUNE 1966
ORDERING CODE: 1 AD-640 574, ANSEL-BL-WA
- 166 BOUNDARY LAYER METEOROLOGY AS DERIVED FROM REDUCTION OF FRIGORIMETER
DATA, PART ONE: TEMPERATE ZONES
BY: TAYLOR-ELLIS, E. C.
TECHNICAL REPORT ECQM-2729, JULY 1966
ORDERING CODE: 1 AD-640 573, ANSEL-BL-WA
- 167 A PROPOSAL FOR A SECONDARY ILLUMINATION METER#
BY: MARCHGRABER, R. M. ARMSTRONG, R. M.
TECHNICAL REPORT ECQM-2750, AUGUST 1966
ORDERING CODE: 1 AD-640 578, ANSEL-BL-WA
- 168 FLAGSTAFF CLOUD PHYSICS PROGRAM METEOROLOGICAL REVIEW, JULY AND AUGU
ST 1966#
BY: FRISBY, E. M.
TECHNICAL REPORT ECQM-2761, SEPTEMBER 1966
ORDERING CODE: 1 AD-642 100, ANSEL-BL-AP
- 169 VARIABILITY OF ROCKET-MEASURED WINDS#
BY: LOWENTHAL, M. J.
TECHNICAL REPORT ECQM-2693, APRIL 1966
ORDERING CODE: 1 AD-682 597, ANSEL-BL-WA
- 170 PROPOSED NEW METEOROLOGICAL TECHNIQUE FOR SOUND RANGING: REPORT III#
BY: BARICHIVICH, A. C.
TECHNICAL REPORT ECQM-2702, MAY 1966
ORDERING CODE: 2 AD-484 660, ANSEL-BL-WA
- 171 STUDIES OF METEOROLOGICAL TECHNIQUES FOR SOUND RANGING: REPORT II, E
RROR ANALYSIS#
BY: BELLUCCI, R.
TECHNICAL REPORT ECQM-2703, MAY 1966
ORDERING CODE: 2 AD-484 734L, ANSEL-BL-WA
- 172 METEOROLOGICAL SATELLITE TECHNIQUES FOR THE ARMY#
BY: ARACON GEOPHYSICS CO.
CONTRACT NO. DA-28-043-ANC-01273(E), JUNE 1966
ORDERING CODE: 1 AD-681 509, ANSEL-BL-WA
- 173 RESTORATION OF THE INPUT FUNCTION IN MEASURING INSTRUMENTATION#
BY: GROTE, H.
TECHNICAL REPORT ECQM-2662, FEBRUARY 1966
ORDERING CODE: 1 AD-632 598, ANSEL-BL-WA
- 174 TURBULENCE DUE TO TOPOGRAPHIC EFFECTS#
BY: NEW YORK UNIVERSITY
CONTRACT NO. DA-28-043-ANC-00205(E), FEBRUARY 1966
ORDERING CODE: 2 AD-463 647, ANSEL-BL-D
- 175 OPTICAL SOUNDING III#
BY: NEW YORK UNIVERSITY
CONTRACT NO. DA-36-039-ANC-03411(E), OCTOBER 1966
ORDERING CODE: 1 AD-635 301, ANSEL-BL-AP
- 176 RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MOD
EL
BY: TRAVELERS RESEARCH CENTER
FINAL REPORT, CONTRACT DA-28-043-ANC-01219(E), APRIL 1966
ORDERING CODE: 1 AD-685 689, ANSEL-BL-WA
- 177 RESEARCH ON TROPICAL RAINFALL PATTERNS AND ASSOCIATED MESOSCALE SYST
EMS#
BY: TEXAS A&M UNIVERSITY
CONTRACT NO. DA-36-039-ANC-09202(E), OCTOBER 1966
ORDERING CODE: 1 AD-642 661, ANSEL-BL-AP

- 178 MESOSCALE STUDIES OF INSTABILITY PATTERNS AND WINDS IN THE TROPICS#
 BY: UNIVERSITY OF MIAMI
 CONTRACT NO. DA-28-843-AMC-00443(E), AUGUST 1966
 ORDERING CODE: 1 AD-622 222, ANSEL-BL-MA
- 179 INVESTIGATION OF THE KINETICS OF CONDENSATIONS#
 BY: T. G. ONE BERG, INC.
 FINAL REPORT, CONTRACT DA-28-043-AMC-01361(E), SEPTEMBER 1966
 ORDERING CODE: 2 AD-488 549, ANSEL-BL-MA
- 180 DEVELOPMENT OF A PORTABLE TOTAL WATER CONTENT METER#
 BY: CAMBRIDGE SYSTEMS, INC.
 FINAL REPORT, CONTRACT DA-28-043-AMC-01726(E), SEPTEMBER 1966
 ORDERING CODE: 2 AD-489 372, ANSEL-BL-MS
- 181 OPTICAL SOUNDING IIF
 BY: NEW YORK UNIVERSITY
 FINAL REPORT, DA-36-039-AMC-03411(E), JUNE 1966
 ORDERING CODE: 1 AD-623 513, ANSEL-BL-MA
- 182 INFLUENCE OF ATMOSPHERIC CONSTITUENTS ON LONG WAVE RADIATION IN CONJ
 UNCTION WITH FORMATION OF RADIATION FOG#
 BY: INTERMOUNTAIN WEATHER, INC.
 FINAL REPORT, CONTRACT DA-28-043-AMC-00122(E), APRIL 1966
 ORDERING CODE: 1 AD 631 490, ANSEL-BL-MA
- 183 ANALYSIS OF FLAGSTAFF DATA#
 BY: METEOROLOGY RESEARCH, INC.
 FINAL REPORT, CONTRACT DA-28-043-AMC-00406(E), APRIL 1966
 ORDERING CODE: 1 AD-632 016, ANSEL-BL-MA
- 184 BALLISTIC WINDS STUDY#
 BY: TRAVELERS RESEARCH CENTER
 FINAL REPORT, CONTRACT DA 28-043 AMC-01377(E), OCTOBER 1966
 ORDERING CODE: 1 AD-642 102, ANSEL-BL-AP
- 185 APPARATUS FOR MEASUREMENT OF ATMOSPHERIC EXTINCTIONS#
 BY: ELGUN LABORATORY, INC.
 FINAL REPORT, CONTRACT DA 36-039 AMC-02256(E), JULY 1966
 ORDERING CODE: 1 AD-637 795, ANSEL-BL-MA

Commodity Offices

- 187 NEW TACTICAL RADIOS IN VIET NAM#
 BY: IDES, M.
 ARMY R&D MAGAZINE, JULY - AUGUST 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-CM
- 188 AUTOMATIC FLIGHT CONTROL SYSTEM DESIGN CONSIDERATIONS FROM A COST-EF
 FECTIVE PERSPECTIVE#
 BY: HIGGINS, C. M.
 ARMY FLIGHT CONTROL CONFERENCE, JOHNSON CITY, N. Y. NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-CB

Engineering Sciences

- 189 THE ELECTROMAGNETIC COMPATIBILITY REQUIREMENTS
BY: D NEILL, J.
DEFENSE INDUSTRY BULLETIN, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-RD-G
- 190 CURRENT PROJECTS IN THE INTERFERENCE ANALYSIS AREA
BY: BILLYCK, P.
AMC RADIO EFFECTS COMMITTEE MEETING, WHITE SANDS MISSILE RANGE, NEW
MEXICO, MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-RD-G
- 191 FREQUENCY AND DEVIATION MONITORING SYSTEMS
BY: BILLYCK, P.
ELECTRONIC RESEARCH ENGINEERING MEETING, WEREN, BOSTON, NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-RD-G
- 192 A USEFUL TECHNIQUE FOR EVALUATING THE PLANE WAVE SHIELDING EFFECTIVE-
NESS OF THIN FILMS
BY: NECK, H. A.
8TH IEEE ELECTROMAGNETIC COMPATIBILITY SYMPOSIUM, SAN FRANCISCO,
JULY 1966; PUBLISHED IN PROCEEDINGS OF IEEE, FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-RD-G
- 193 OPERATIONS AND REQUIREMENTS OF THE METROLOGY
BY: PENNY, T. W., III
PRO 1966 IEEE SEMINAR, NEW YORK CITY, MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-RD-G
- 194 US ARMY ELECTRONICS COMMAND'S RELIABILITY PROGRAMS
BY: SOSOIAN, J. P.
SEMINAR ON RELIABILITY TECHNIQUES, L. G. HANSCOM FIELD, BEDFORD, MASS.,
APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-RD-G
- 195 THIN FILM SHIELDING TECHNIQUES
BY: NECK, H. A.
TECHNICAL REPORT ECOM-2775, NOVEMBER 1966
ORDERING CODE: 1 AD-645 139, ANSEL-RD-GFR
- 196 TECHNIQUE USED IN DETERMINING FIELD OPERATIONAL RELIABILITY
BY: DONIA, J. W.
TECHNICAL REPORT ECOM-2709, MAY 1966
ORDERING CODE: 1 AD-624 385, ANSEL-RD-G
- 197 EFFECT OF SIZE OF DATA PROCESSING CARDS ON MANUAL HANDLING
BY: HAKUNSKI, J. S.
TECHNICAL REPORT ECOM-2686, APRIL 1966
ORDERING CODE: 1 AD-632 076, ANSEL-RD-GDA
- 198 ELECTRONIC EQUIPMENT INTERFERENCE CHARACTERISTICS COMMUNICATION TYPE
BY: GEORGIA INSTITUTE OF TECH.
FINAL REPORT, CONTRACT DA-36-039-AMC-02294(E), JULY 1966
ORDERING CODE: 1 AD-486 731, ANSEL-RD-GF
- 199 ACCESSORY EQUIPMENT FOR RADIO FREQUENCY COMPATIBILITY MEASUREMENTS
BY: FAIRCHILD ELECTRO-NETRICS
FINAL REPORT, CONTRACT DA-28-043-AMC-00218(E)
ORDERING CODE: 1 AD-685 101, ANSEL-RD-GF
- 200 FREQUENCY CONVERTER CV-(TX)-URN-85
BY: SINGER CO.
FINAL REPORT, CONTRACT DA-36-039-AMC-00125(E), JUNE 1966
ORDERING CODE: 1 AD-685 208, ANSEL-RD-GF

201 CORRELATION OF IN-GUIDE AND RADIATED EMISSION MEASUREMENTS#
BY: IIT RESEARCH INSTITUTE
FINAL REPORT, CONTRACT DA 28-043 AMC-01450(EE), NOVEMBER 1966
ORDERING CODE: 3 AD-882 665L, AMSEL-RD-GF

Combat Surveillance

- 202 COLOR 66#
BY: HERSH, S. L.
INDUSTRIAL PHOTOGRAPHY, JANUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 203 PHOTOGRAPHIC CHEMISTRY IN PRACTICE#
BY: HERSH, S. L.
INDUSTRIAL PHOTOGRAPHY, FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 204 TECHNIQUES OF MICROREPRODUCTION#
BY: HERSH, S. L.
REPROGRAPHICS, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 205 THE EVOLUTION OF MULTIPLE RANGE GATE VIDEO PROCESSORS FOR COMBAT SURVEILLANCE RADAR SYSTEMS#
BY: GRAVELINE, S. M.
PROCEEDINGS OF A.S.W.E. CLUTTER SYMPOSIUM, PORTSMOUTH, ENGLAND, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 206 A CLUTTER ATTENUATION ANALYSIS#
BY: FISHBELN, M. GRAVELINE, S. M. RITTENBACH, D. E.
PROCEEDINGS OF A.S.W.E. CLUTTER SYMPOSIUM, PORTSMOUTH, ENGLAND, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 207 CHEMICAL DODGING#
BY: HERSH, S. L.
PHOTO METHODS FOR INDUSTRY, JULY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 208 A FOUR SECOND MONOGRAPH#
BY: LUCAS, C. L.
PHOTOGRAPHIC SCIENCE AND ENGINEERING, SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-CT-D
- 209 QUANTUM COUNTER ACTION IN THE TRIPOSITIVELY RARE EARTH IONS IN CRYSTALS#
BY: ESTEROWITZ, L.
CONFERENCE ON OPTICAL PROPERTIES IN CRYSTALS, JOHN HOPKINS UNIVERSITY, BALTIMORE, SEPTEMBER 1966
ORDERING CODE: 3 AMSEL-HL-NV
- 210 SENSITIZATION OF INFRARED QUANTUM MECHANISMS#
BY: ESTEROWITZ, L.
INTERNATIONAL ELECTRON DEVICES MEETING, WASHINGTON, D. C., OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-NV
- 211 FIELD EFFECTS IN CHOLESTERIC LIQUID CRYSTALS#
BY: MULLER, DR. J. M.
MOLECULAR CRYSTALS, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-HL-NV

- 212 RADAR IMAGE CORRELATION VIEWER, AR-73#
BY: ORLANDO, C.
SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS, SAN FRANCISCO,
MAY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-HL-CT-D
- 213 AN EXPERIMENTAL WIDE WIDTH FILM PROCESSOR USING FOAM BELT TRANSPORT#
BY: HERSH, S. L.
SOCIETY OF PHOTOGRAPHIC SCIENTISTS AND ENGINEERS, SAN FRANCISCO,
MAY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-HL-CT-D
- 214 RECENT DEVELOPMENTS IN LASER RANGE FINDING#
BY: MIRARCHI, M. R. BENSON, R. B.
NORTHEAST ELECTRONICS RESEARCH AND ENGINEERING MEETING, BOSTON,
NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-HL-CT-D
- 215 APPARENT ILLUMINANCE AS A FUNCTION OF RANGE IN GATED LASER NIGHT VIEWING SYSTEMS#
BY: GILLESPIE, L. F.
JOURNAL OF OPTICAL SOCIETY OF AMERICA, JULY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-HL-NV
- 216 BAND SPECTRA OF THE TWO STABLE ISOTOPIC SPECIES OF YTTRIUM MONOCHLORIDE#
BY: JANNEY, DR. J. W.
JOURNAL OF OPTICAL SOCIETY OF AMERICA, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-HL-NV
- 217 THE MESOMORPHIC BEHAVIOR OF CHOLESTERYL CARBONATES#
BY: ELSER, W. POMLMAN, J.
MOLECULAR CRYSTALS, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-HL-NV
- 218 LIST OF PROJECT MICHIGAN PUBLICATIONS DISTRIBUTED TO THE DEFENSE DOCUMENTATION CENTER#
BY: UNIVERSITY OF MICHIGAN
CONTRACT REPORT DA-28-043-AMC-00013(E), DECEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-HL-CT-DO
- 219 LIGHT MODULATION TECHNIQUES#
BY: UNIVERSITY OF MICHIGAN
FINAL REPORT, CONTRACT DA-28-043-AMC-00013(E), NOVEMBER 1966
ORDERING CODE: 2 AD-UNKNOWN, ANSEL-HL-CT-D
- 220 EVALUATION OF AIRBORNE FILM PROCESSOR, EM-51#
BY: LUCAS, C. L.
TECHNICAL REPORT ECOM-2770, OCTOBER 1966
ORDERING CODE: 2 AD-803 604L, ANSEL-HL-CT-D
- 221 PERTURBATION OF THE EARTH'S MAGNETIC FIELD IN THE VICINITY OF A FERROMAGNETIC PROLATE SPHEROID#
BY: LISMAN, H.
TECHNICAL REPORT ECOM-2780, NOVEMBER 1966
ORDERING CODE: 2 AD-805 211, ANSEL-HL-CT-P
- 222 ADVANCED DEVELOPMENT MODEL OF VIDEO RECORDER KIT FOR AN/MPQ-4A#
BY: GENERAL ELECTRIC CO.
FINAL REPORT, CONTRACT DA-28-043-AMC-01290(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-489 375L, ANSEL-HL-CT-RO
- 223 HIGH POWER LASER TECHNIQUES#
BY: KODAK CORPORATION
FINAL REPORT, CONTRACT DA-28-043-AMC-00209(E), DECEMBER 1966
ORDERING CODE: 2 AD-803 449L, ANSEL-HL-CT-L

- 224 EVALUATION OF CONTRAST EXAGGERATION AND TEMPORAL SUMMATION AS AN IMAGERY SCREENING AID#
BY: SCHLUSSLER, M.
TECHNICAL REPORT ECOM-2732, JULY 1966
ORDERING CODE: 2 AD-UNKNOWN, AMSEL-HL-CT-1
- 225 SOLID STATE ELECTROMETER FOR PORTABLE RADIATION MONITORS#
BY: NIRSCHL, J. C.
TECHNICAL REPORT ECOM-2736, AUGUST 1966
ORDERING CODE: 1 AD-689 507, AMSEL-HL-CT-P
- 226 EVOLUTION OF MULTIPLE RANGE GATE VIDEO PROCESSORS FOR COMBAT SURVEILLANCE RADAR SYSTEMS#
BY: GRAVELINE, S. W.
TECHNICAL REPORT ECOM-2742, JULY 1966
ORDERING CODE: 2 AD-489 686, AMSEL-HL-CT-R
- 227 PHOTOMETRIC CALIBRATION OF AUTOMATIC EXPOSURE CONTROL SYSTEMS#
BY: D'AGOSTINO, J. A.
TECHNICAL REPORT ECOM-2748, AUGUST 1966
ORDERING CODE: 1 AD-640 575, AMSEL-HL-CT-OTD
- 228 PHOTOPOLYMER PRINTER PROCESSOR (EXPLORATORY DEVELOPMENT)#
BY: TOWNSEND, P.
TECHNICAL REPORT ECOM-2721, JUNE 1966
ORDERING CODE: 1 AD-637 816, AMSEL-HL-CT-D
- 229 ELECTRONIC CAMERA SYSTEMS STUDY AND INVESTIGATION#
BY: FAIRCHILD CORP.
CONTRACT NO. DA-28-043-AMC-00117(E), JUNE 1966
ORDERING CODE: 2 AD-453 848, AMSEL-HL-CT-L
- 230 STUDY OF RECORDING ON SILVER HALIDE FILM WITH AN ELECTRON BEAM#
BY: UNIVERSITY OF MICHIGAN
CONTRACT NO. DA-28-043-AMC-00013(E), NOVEMBER 1966
ORDERING CODE: 2 AD-487 295, AMSEL-HL-CT-D
- 231 SATURABLE DYE OPTICAL SWITCH INVESTIGATION#
BY: HUGHES AIRCRAFT CO.
CONTRACT REPORT DA-28-043-AMC-01237(E), DECEMBER 1966
ORDERING CODE: 2 AD-895 354L, AMSEL-HL-CT-L
- 232 INCREASED PHOTOGRAPHIC CAPABILITY FOR THE VIENER-COMPUTER SECTION OF THE AN/TSQ-43(C)#
BY: GENERAL PRECISION INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-00298(E), FEBRUARY 1966
ORDERING CODE: 2 AD-480 194, AMSEL-HL-CT-OTD
- 233 INFRARED OPTICAL TECHNIQUES AND SYSTEMS#
BY: UNIVERSITY OF MICHIGAN
FINAL REPORT, CONTRACT DA 28-043 AMC-000777(E), OCTOBER 1966
ORDERING CODE: 2 AD-800 817L, AMSEL-HL-CT-PD

Electronic Components

- 234 BATTERIES-A MAJOR ARMY PROBLEM#
BY: HOVENDON, J. M. SHORR, W. JOHN, F. J.
PROCEEDINGS OF 20TH ANNUAL POWER SOURCES CONFERENCE, ATLANTIC CITY, N. J., MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-PT
- 235 FUTURE OUTLOOK FOR PRINTED CIRCUITS#
BY: GEISLER, R.
9TH ANNUAL MEETING, INSTITUTE OF PRINTED CIRCUITS, NEW YORK, N. Y., 23 MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-1

- 236 MEASURING INTEGRATED ELECTRONIC DEVICE GEOMETRY WITH LOW TEMPERATURE
VAPORS#
BY: GLENDINNING, W. MARK, A. MARSHALL, S.
IEEE-PCED, WASHINGTON, D.C., 28 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 237 A SIMPLE CLOSED TUBE SYSTEM FOR DEPOSITION FOR SiO2 FROM TEDS#
BY: HEUNISCH, G. ELECTROCHEMICAL SOCIETY CONFERENCE, PHILADELPHIA, 12 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 238 SILICON EPITAXY WITH A DIRECT INJECTION RESISTANCE HEATED SYSTEM#
BY: MARK, A. 1966 SPRING MEETING ELECTROCHEMICAL SOCIETY, CLEVELAND, 3-5 MAY
1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 239 PHOTOMETRIC CONTROL OF LOW TEMPERATURE SILICON SURFACE ETCH PROCESS#
BY: MARSHALL, S. GLENDINNING, W.
ELECTROCHEMICAL SOCIETY CONFERENCE, PHILADELPHIA, 14 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 240 LOW POWER LINEAR CIRCUITS#
BY: WEINDL, J. D. INTERNATIONAL SOLID STATE CIRCUITS CONFERENCE, PHILADELPHIA,
FEBRUARY 1966 (PUBLISHED IN CONFERENCE DIGEST)
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 241 APPLICATIONS OF INTEGRATED CIRCUITS#
BY: WEINDL, J. D. RESEARCH AND EDUCATION ASSOCIATION SEMINAR ON MICROELECTRONICS,
NEW YORK, 2 FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 242 INTRODUCTION TO INTEGRATED ELECTRONICS#
BY: WEINDL, J. D. SEMINAR ON MODERN ENGINEERING AND TECHNOLOGY, TAIPEI, FORMOSA
30 JUNE 1966 THROUGH 12 JULY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 243 DEVICE MODELS AND BASIC DESIGN FACTORS FOR INTEGRATED CIRCUITS#
BY: WEINDL, J. D. SEMINAR ON MODERN ENGINEERING AND TECHNOLOGY, TAIPEI, FORMOSA
30 JUNE 1966 THROUGH 12 JULY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 244 INTEGRATED CIRCUITS#
BY: WEINDL, J. D. POLYTECHNIC INSTITUTE OF BROOKLYN, EXECUTIVE SEMINAR, TARRYTOWN, N. Y.,
10 NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 245 IMPACT OF INTEGRATED CIRCUITS IN PROJECT MALLARD#
BY: WEINDL, J. D. ODDR&E, WASHINGTON, D. C., 8 DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 246 MEASURING SEEBECK COEFFICIENTS ON HIGH RESISTIVITY MATERIALS#
BY: METTE, H. LOSCOE, C.
REVIEW OF SCIENTIFIC INSTRUMENTS, NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 247 THIN FILM MAFNIUM-MAFNIVM DIOXIDE CAPACITORS#
BY: PRATT, I. H. ELECTRONIC COMPONENTS CONFERENCE, WASHINGTON, D. C., 5 MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I

- 248 THICK AND THIN FILMS FOR INTEGRATED CIRCUITS#
 BY: PRATT, J. H.
 REDSTONE ARSENAL, 20 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 249 INDICATION OF HARDNESS OF THIN DIELECTRIC FILMS#
 BY: RAFFALOVICH, A. J.
 THE REVIEW OF SCIENTIFIC INSTRUMENTS, MARCH 1966
 ORDERING CODE: 1 AD-633 756, AMSEL-KL-I
- 250 P-N JUNCTION LASERS FOR COMMUNICATION SYSTEMS#
 BY: WANDINGER, L. KLOMN, K.L.
 IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, 1966
 ORDERING CODE: 1 AD-685 749, AMSEL-KL-D
- 251 DESIGN AND APPLICATION OF DIGITAL INTEGRATED CIRCUITS#
 BY: MEINDL, J. D.
 SEMINAR ON MODERN ENGINEERING AND TECHNOLOGY, TAIPEI, FORMOSA
 30 JUNE 1966 THROUGH 12 JULY 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 252 DESIGN AND APPLICATION OF LINEAR INTEGRATED CIRCUITS#
 BY: MEINDL, J. D.
 SEMINAR ON MODERN ENGINEERING AND TECHNOLOGY, TAIPEI, FORMOSA
 30 JUNE 1966 THROUGH 12 JULY 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 253 MICROPOWER LINEAR CIRCUITS#
 BY: MEINDL, J. D. HUDSON, P. H.
 WESCON/66 LOS ANGELES, 23 AUGUST 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 254 THE IMPACT OF INTEGRATED CIRCUITS#
 BY: MEINDL, J. D.
 JOINT SERVICES GROUP (PROJECT HALLARD), PENTAGON, WASHINGTON, D. C.,
 7 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 255 EXPERIMENTS ON HIGH VOLTAGE VACUUM BREAKDOWN#
 BY: MULCAHY, M. J. DENHOLM, A.S. TAYLOR, G.W.
 CHREPTA, M. M.
 PROCEEDINGS OF 2ND SYMPOSIUM ON INSULATION OF HIGH VOLTAGES IN VACUUM,
 M. I. T., LEXINGTON, MASS., 7 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 256 SERIOUS OSCILLATIONS IN HIGH PERVEANCE, HIGH VOLTAGE KLYSTRONS#
 BY: RICHMOND, P.
 PROCEEDINGS OF HIGH-POWER MICROWAVE TUBES SYMPOSIUM, FEBRUARY, 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 257 MECHANICAL DAMPING OF PLANAR GRIDS#
 BY: SCHARMANN, L.F. KAUNZINGER, H.M.
 PROCEEDINGS OF 8TH CONFERENCE ON TUBE TECHNIQUES, NEW YORK CITY, N.Y.,
 20 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 258 TRIGGERING MODE STUDY OF A SPARK GAP ARRAY#
 BY: SCHNEIDER, S.
 PROCEEDINGS OF 9TH MODULATOR SYMPOSIUM, FORT MONMOUTH, N.J., MAY 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 259 DEUTERIUM CLEANUP#
 BY: SCHNEIDER, S.
 PROCEEDINGS OF 9TH MODULATOR SYMPOSIUM, FORT MONMOUTH, N.J., MAY 1966
 ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T

- 260 TRANSLENTS IN HIGH POWER MODULATORS# TAYLOR, G. W.
BY: SCHNEIDER, S. IEEE TRANSACTIONS ON ELECTRON DEVICES, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 261 GAS CLEANUP#
BY: SCHNEIDER, S. MICROWAVE ASSOCIATED COLLOQUIUM SERIES, BURLINGTON, MASS. 30 SEPTEMBER
1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 262 REVIEW OF HIGHLIGHTS OF SECOND SYMPOSIUM ON INSULATION OF HIGH VOLTA
GES IN VACUUM#
BY: TAYLOR, G. W. PROCEEDINGS OF 8TH CONFERENCE ON TUBE TECHNIQUES, NEW YORK, N.Y.,
SEPTEMBER, 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 263 EFFECT OF MAGNETIC FIELDS ON MICROWAVE GAS DISCHARGE DUPLEXER CHARAC
TERISTICS#
BY: TRUE, R. W. EDWARDS, E. V.
INTERNATIONAL ELECTRON DEVICES MEETING, WASHINGTON, D.C., 26-28 OCTOBER
1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 264 INTERCONNECTION AND APPLICATION OF INTEGRATED ELECTRONICS TO EQUIPME
NT AND SYSTEMS#
BY: BECHTOLD, N. REDSTONE ARSENAL, ALABAMA, 20 SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 265 ARMY THROWAWAY DESIGN PHILOSOPHY FOR MICROELECTRONICS#
BY: BECHTOLD, N. ELECTRONICS INDUSTRIES ASSOCIATES (SUBCOMMITTEE ON MAINTAINABILITY OF
INTEGRATED CIRCUITS), WASHINGTON, D.C., 27 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 266 SEMICONDUCTOR TECHNOLOGY, DEVICES, AND CIRCUITS#
BY: FISCHER, K. REDSTONE ARSENAL, ALABAMA, 20 SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 267 INTEGRATED CIRCUITS AND PROJECT MALLARD#
BY: FISCHER, K. ELECTRONIC ADVISORY GROUP OF ECOM, WHITE SANDS MISSILE RANGE, NEW MEXICO,
17 NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-I
- 268 CHARACTERISTICS OF VARACTOR DIODES BIASED INTO AVALANCHE TRANSIT TIM
E DIODES AT X-BAND AND KU-BAND#
BY: HIGGINS, V.J. BRAND, F.A. BARANOWSKI, J.J.
IEEE CONFERENCE ON ACTIVE MICROWAVE EFFECTS IN BULK SEMICONDUCTORS,
NEW YORK, 3-4 FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 269 CHARACTERISTICS OF VARACTOR DIODES BIASED INTO AVALANCHE#
BY: HIGGINS, V.J. BRAND, F.A. BARANOWSKI, J.J.
TRANSACTIONS, INTERNATIONAL ELECTRON DEVICES MEETING, WASHINGTON,
JANUARY 1966
ORDERING CODE: 1 AD-633 806, AMSEL-KL-S
- 270 SEMICONDUCTOR LIMITERS AS MICROWAVE DUPLEXING DEVICES#
BY: HIGGINS, V.J. BRUNTON, R. HALL, G.
SOLIU/STATE/DESIGN, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S

- 271 AVALANCHE TRANSITIVE DIODE DEVICES#
BY: HIGGINS, V.J., BARANOWSKI, J.J. MCCORMICK, H.J.
MICROWAVES, AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 272 REGENERATIVE RUBY LASER AMPLIFIERS#
BY: JACOBS, H.
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, FEBRUARY 1966
ORDERING CODE: 1 AD-634 463, AMSEL-KL-5
- 273 MILLIMETER WAVE IMAGING SYSTEM#
BY: JACOBS, H.
INTERNATIONAL QUANTUM ELECTRONICS CONFERENCE, PHOENIX, ARIZONA
APRIL 1965
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 274 IMAGING WITH LONG WAVES, INFRARED, AND MM WAVES#
BY: JACOBS, H.
OPTICIS MEETING, FORT MONMOUTH, N.J., 3 JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 275 PROPOSAL FOR FOG PENETRATING IMAGING DEVICES#
BY: JACOBS, H.
PROCEEDINGS ILEE, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 276 OPTICAL MISALIGNMENT DUE TO TEMPERATURE GRADIENTS IN ELECTROOPTIC MO
DULATOR CRYSTALS#
BY: LOSCOE, C. HETTE, H.
APPLIED OPTICS, JANUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 277 MICROWAVE COMPONENTS OR MICROWAVE CIRCUITS#
BY: MATTHEI, W. G.
THE MICROWAVE JOURNAL, JANUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 278 ADDITIONAL CONSIDERATIONS FOR VHF FILTER CRYSTAL DESIGN#
BY: LUKASZCZ, T. BALLATO, A.D.
PROCEEDING OF IEEE, VOL 54, NO. 10, OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 279 WHY SOLDER BALLS #
BY: MCSHERRY, L.
ELECTRONIC COMMUNICATION, MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 280 MEASUREMENT OF MODE PARAMETERS BY SWEEP FREQUENCY METHODS IN THE FRE
QUENCY RANGE FROM 20 TO 250 MHZ#
BY: PRIEBE, F.K.
PROCEEDINGS OF 20TH ANNUAL FREQUENCY CONTROL SYMPOSIUM, ATLANTIC CITY,
N.J., 19-21 APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 281 ADVANCES IN DISCRETE SEMICONDUCTOR DEVICES#
BY: REICH, B.
SEMICONDUCTOR PRODUCTS, FEBRUARY 1966
ORDERING CODE: 1 AD-633 758, AMSEL-KL-5
- 282 SECONDARY BREAKDOWN FIGURE OF MERIT#
BY: REICH, B.
ELECTRONIC COMMUNICATION, MARCH/APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5
- 283 SECONDARY BREAKDOWN THERMAL CHARACTERIZATION AND IMPROVEMENT OF SEMI
CONDUCTOR DEVICES#
BY: REICH, B. HAHN, E.B.
IEEE TRANSACTIONS ON ELECTRON DEVICES, NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-5

- 284 TRANSISTOR FAILURE FACTORS#
BY: REICH, M.
ELECTRO-TECHNOLOGY, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 285 AGING OF TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS#
BY: SCHODOWSKI, S.
PROCEEDINGS OF IEEE, MAY 1966
ORDERING CODE: 1 AD-635 745, AMSEL-KL-S
- 286 OPTIMIZATION OF THE GALLIUM ARSENIDE INJECTION LASER FOR MAXIMUM CW
POWER OUTPUT#
BY: VILMS, K.L.
PROCEEDING OF IEEE, QUANTUM ELECTRONICS, APRIL 1966
ORDERING CODE: 1 AD-634 460, AMSEL-KL-S
- 287 SEMICONDUCTOR LASER ARRAYS AND THEIR CHARACTERISTICS#
BY: WANDINGER, L. KLUMN, K.L.
PROCEEDING IEEE, OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 288 SPATIAL AND TEMPORAL VARIATION OF THE OPTICAL PATH LENGTH IN FLASH P
UMPED LASER ROUS#
BY: WELING, H.
PROCEEDINGS OF THE OPTICAL SOCIETY OF AMERICA, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 289 LOW TEMPERATURE NONLINEAR EFFECTS IN HIGH SATURATION MAGNETIZATION F
ERRITES#
BY: DIXON, S., JR.
MAGNETISM AND MAGNETIC MATERIALS CONFERENCE, WASHINGTON, D. C.,
14-18 NOVEMBER 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-KL-T
- 290 A 60-HZ WEGN DIVIDER#
BY: HARPER, O.H.
ELECTRONIC DESIGN, FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 291 LOW TEMPERATURE METALIZING SYSTEMS#
BY: LEEFE, S.R. BUCK, R.W. WHITE, J.M.
PROCEEDINGS OF 8TH CONFERENCE ON TUBE TECHNIQUES, NEW YORK, N.Y.,
SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-T
- 292 PHOTOGRAPHIC TECHNIQUES IN SOME SOLID STATE LASER EXPERIMENTS#
BY: BICKART, C. J.
PHOTOGRAPHIC SCIENTISTS AND ENGINEERS, BINGHAMTON, N.Y., 16 MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 293 EXCESS NOISE TEMPERATURE OF AVALANCHE TRANSIT TIME OSCILLATORS#
BY: BRAND, F.A.
IEEE CONFERENCE ON ACTIVE MICROWAVE EFFECTS IN BULK SEMICONDUCTORS,
NEW YORK, N.Y., 3-4 FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 294 MICROWAVE INTEGRATED CIRCUITS#
BY: BRAND, F.A.
1966 MICROWAVE JOURNAL SEMINAR OF MICROWAVE INTEGRATED CIRCUITS,
NEW YORK, MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 295 PERFORMANCE CHARACTERISTICS OF CW SILICON AND GAAAS AVALANCHE DIODE O
SCILLATORS#
BY: BRAND, F.A.
INTERNATIONAL SYMPOSIUM ON MICROWAVE THEORY & TECHNIQUE, PALO ALTO,
16-19 MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S

- 296 THE ESSENCE OF SOME REMARKS MADE AT THE 1966 MICROWAVE JOURNAL SEMINAR ON THE SUBJECT OF MICROWAVE INTEGRATED
BY: BRAND, F. A.
THE MICROWAVE JOURNAL, JULY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 297 DISTRIBUTED NETWORKS FOR INTERSTAGE COUPLING APPLICATION IN MICROWAVE TRANSISTOR AMPLIFIERS#
BY: GELNOVATCH, V.
ELECTRONIC COMMUNICATOR, MARCH/APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 298 MICROWAVE TRANSISTORS FOR COMMUNICATION SYSTEMS#
BY: GELNOVATCH, V.
IEEE COMMUNICATIONS CONFERENCE, PHILADELPHIA, PA., 15-17 JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 299 AUTOMATIC TUNING OF HYDROGEN MASERS#
BY: HELLMIG, H.
USNC/URSI FALL MEETING, PALO ALTO, CALIFORNIA, 7-9 DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 300 HYDROGEN MASEN FREQUENCY SHIFTS DUE TO COHERENTLY EXCITED LOW FREQUENCY ZEE MAN TRANSITIONS#
BY: ANDRESEN, H. G.
BULLETIN OF THE AMERICAN PHYSICAL SOCIETY, 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 301 SERVO-CONTROLLED HYDROGEN MASEN CAVITY TUNING#
BY: ANDRESEN, H. G.
PROCEEDINGS OF 20TH FREQUENCY CONTROL SYMPOSIUM, ATLANTIC CITY, N.J., 19-21 APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 302 DESIGN AND FABRICATION OF MODERN FILTER CRYSTALS#
BY: BALLATO, A. D.
20TH ANNUAL FREQUENCY CONTROL SYMPOSIUM, ATLANTIC CITY, N.J., 19-21 APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 303 FREQUENCY CONTROL DEVELOPMENTS#
BY: BALLATO, A. D. HICKNIGHT, R. V.
PHYSICS TODAY, AUGUST AND OCTOBER, 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 304 SOME PRACTICAL ASPECTS OF AVALANCHE TRANSIT TIME DIODES#
BY: BARANOWSKI, J. J.
INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE, PHILADELPHIA, 9-11 FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 305 SUPPRESSING UNWANTED MODES IN 5-100 MC THICKNESS SHEAR QUARTZ PLATES#
BY: BECHMANN, R. GIBBON, D. H.
FREQUENCY, 4, 1966, 18-20 (MARCH - APRIL NO. 2).
ORDERING CODE: 1 AD-583 745, AMSEL-KL-S
- 306 IEEE STANDARD, DEFINITIONS AND METHODS OF MEASUREMENT FOR PIEZOELECTRIC VIBRATORS#
BY: BECHMANN, R. FAIR, J. E.
IEEE NO. 177, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S
- 307 HIGH SPEED FRAMING CAMERA FOR LASER STUDIES#
BY: BICKART, C. J.
ELECTRONIC COMMUNICATOR, JANUARY 19, 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-KL-S

- 308 STANDARD LINE BATTERY ASSEMBLY BB-501(C)/U NICKEL CADMIUM#
 BY: SONTONE CORPORATION
 FINAL REPORT, CONTRACT DA-28-043-AMC-00222(E), JULY 1966
 ORDERING CODE: 1 AD-687 1574, ANSEL-KL-PE
- 309 RESEARCH ON CRUSSED FIELD ELECTRON DEVICES#
 BY: UNIVERSITY OF MICHIGAN
 FINAL REPORT, CONTRACT DA-36-039-AMC-00027(E), DECEMBER 1966
 ORDERING CODE: 1 AD UNKNOWN, ANSEL-KL-TM
- 310 NOISE MEASUREMENTS AS A TOOL IN ELECTRON DEVICE RESEARCH#
 BY: UNIVERSITY OF MINNESOTA
 FINAL REPORT, CONTRACT DA-36-039-AMC-00028(E), JUNE 1966
 ORDERING CODE: 1 AD UNKNOWN, ANSEL-KL-TS
- 311 DEVELOPMENT OF TUNABLE 35 GHZ PARAMETRIC AMPLIFIER AND EXPLORATORY M
 ODEL ANTENNA#
 BY: TRG INC.
 FINAL REPORT, CONTRACT DA-28-043-AMC-00162(E), DECEMBER 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-KL-SM
- 312 STUDY OF HIGH POWER ELECTROSTATICALLY FOCUSED KLYSTRONS#
 BY: LYITON INDUSTRIES
 FINAL REPORT, CONTRACT DA-36-039-AMC-00348(E), OCTOBER 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-KL-TM
- 313 INVESTIGATION OF TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIA
 LS#
 BY: RENSSELAER POLYTECHNIC INST,
 FINAL REPORT, CONTRACT DA-36-039-AMC-02165(E), MARCH 1966
 ORDERING CODE: 1 AD UNKNOWN, ANSEL-KL-IC
- 314 MICROBONDS FOR HYBRID MICROCIRCUITS#
 BY: HAMILTON STANDARD
 FINAL REPORT, CONTRACT DA-36-039-AMC-03742(E), DECEMBER 1966
 ORDERING CODE: 1 AD-UNKNOWN, ANSEL-KL-IB
- 315 GENERATOR, DIRECT CURRENT, G-54(C)/(HAND CRANKED)#
 BY: HONEYWELL INC.
 FINAL REPORT, CONTRACT DA-36-039-SC-87331, JANUARY 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-KL-PG
- 316 AN INTERFEROMETRIC EFFECT WITH SEMICONDUCTORS IN THE MILLIMETER WAVE
 REGION#
 BY: JACOBS, H. MORRIS, G. HOFER, R.
 TECHNICAL REPORT ECOM-2774, ANSEL-KL-S
 ORDERING CODE: 1 AD-682 573, ANSEL-KL-S
- 317 SIMPLE ELECTRICAL TRANSIENT DETECTOR#
 BY: BOKMAN, D.
 TECHNICAL REPORT ECOM-2776, NOVEMBER 1966
 ORDERING CODE: 1 AD-684 834, ANSEL-KL-SS
- 318 HIGH CURRENT ZENER DIODE ARRAY VOLTAGE TRANSIENT SUPPRESSOR#
 BY: REICH, W.
 TECHNICAL REPORT ECOM-2777, NOVEMBER 1966
 ORDERING CODE: 1 AD-685 255, ANSEL-KL-SS
- 319 NEW CONCEPT FOR REDUCING RANDOM, SHOT, THERMAL, AND IMPULSE NOISE IN
 AMPLIFIERS#
 BY: GOTTFRIED, A. H.
 TECHNICAL REPORT ECOM-2778, NOVEMBER 1966
 ORDERING CODE: 1 AD-684 196, ANSEL-KL-TM
- 320 INSTABILITIES IN PYROLYTICALLY DEPOSITED SILICON DIOXIDE FILMS AT RUO
 M TEMPERATURE#
 BY: LEIGHTON, W.
 TECHNICAL REPORT ECOM-2779, NOVEMBER 1966
 ORDERING CODE: 1 AD-645 507, ANSEL-KL-ID

- 321 LIGHT MEASUREMENTS IN VACUUM GAPS#
 BY: CHREPTA, M. M. TAYLOR, G. M.
 TECHNICAL REPORT ECOM-2781, DECEMBER 1966, PRESENTED AT 2ND SYMPOSIUM
 ON INSULATION OF HIGH VOLTAGES IN VACUUM, M.I.T., SEPTEMBER 1966
 ORDERING CODE: 1 AD-645 361, AMSEL-KL-TS
- 322 APPLICATION OF THE LAND COLOR VISION EFFECT TO TELEVISION SYSTEMS#
 BY: FENTON, C. A.
 TECHNICAL REPORT ECOM-2702, DECEMBER 1966
 ORDERING CODE: 1 AD-645 444, AMSEL-KL-TS
- 323 PERFORMANCE CHARACTERISTICS OF TWO HEWLETT-PACKARD ATOMIC CS BEAM FR
 EQUENCY STANDARDS
 BY: SEARLES, C. E.
 TECHNICAL REPORT ECOM-2783, DECEMBER 1966
 ORDERING CODE: 1 AD-645 752, AMSEL-KL-SP
- 324 INVESTIGATION OF SILVER IODIDE FOR POSSIBLE FREQUENCY CONTROL APPLIC
 ATIONS#
 BY: PRIEBE, F.K. BALLATO, A.D.
 TECHNICAL REPORT, ECOM-2784, DECEMBER 1966
 ORDERING CODE: 1 AD UNKNOWN, AMSEL-KL-SP
- 325 EVALUATION OF PHOSPHINE OXYGEN DIFFUSION SYSTEM AS A PROCESS FOR SIL
 ICON INTEGRATED CIRCUIT FABRICATIONS#
 BY: KESPERIS, J. YATSKO, R. SCHWEITZER, J.
 KOHOLKOFF, N.
 TECHNICAL REPORT ECOM-2785, DECEMBER 1966
 ORDERING CODE: 1 AD-645 506, AMSEL-KL-ID
- 326 PIEZOELECTRIC CERAMIC KEYBOARD TRANSDUCERS (PHASE I)#
 BY: RAND, A. VAJO, V.
 TECHNICAL REPORT ECOM-2786, DECEMBER 1966
 ORDERING CODE: 2 AD UNKNOWN, AMSEL-KL-EC
- 327 LONG-TERM FREQUENCY STABILITY OF CRYSTAL OSCILLATORS#
 BY: SIMON, E.
 TECHNICAL REPORT ECOM-2787, DECEMBER 1966
 ORDERING CODE: 2 AD UNKNOWN, AMSEL-KL-SP
- 328 SHIELDING EFFECTIVENESS OF PCM CABLE SYSTEM - PART I#
 BY: MYSLINSKI, J. SPERGEL, J. POMERANTZ, M.
 TECHNICAL REPORT ECOM-2788, DECEMBER 1966
 ORDERING CODE: 1 AD-647 217, AMSEL-KL-EE
- 329 TRANSIENT RADIATION EFFECTS ON MICROWAVE ELECTRON TUBES#
 BY: GENERAL ELECTRIC CO.
 FINAL REPORT, CONTRACT DA-28-043-AMC-00139(E), OCTOBER 1966
 ORDERING CODE: 2 AD-885 357L, AMSEL-KL-IC
- 330 PULSED LASER OSCILLATOR ADVANCED DEVELOPMENT MODEL#
 BY: HUGHES AIRCRAFT CO.
 CONTRACT NO. DA-28-043-AMC-00326(E), DECEMBER 1966
 ORDERING CODE: 2 AD-886 964, AMSEL-KL-SH
- 331 HIGH ENERGY SYSTEM, ORGANIC ELECTROLYTES
 BY: ELECTRIC STORAGE BATTERY CO.
 FINAL REPORT, CONTRACT DA-28-043-AMC-01394(E), SEPTEMBER 1966
 ORDERING CODE: 1 AD-639 709, AMSEL-KL-PB
- 332 FERRITE ROD AND SHORTENED HF ANTENNA DEVELOPMENT PROGRAM#
 BY: GENERAL PRECISION INC.
 FINAL REPORT, CONTRACT DA-28-043-AMC-00287(E), SEPTEMBER 1966
 ORDERING CODE: 2 AD-489 723, AMSEL-KL-D

- 333 NONLINEAR INTERACTION THEORY FOR CROSSED FIELD DISTRIBUTED EMISSION AMPLIFIERS#
BY: UNIVERSITY OF MICHIGAN
CONTRACT NO. DA-36-039-AMC-00027(E), DECEMBER 1966
ORDERING CODE: 2 AD-804 789, AMSEL-KL-TM
- 334 HIGH CURRENT-DENSITY CATHODE RAY TUBE ELECTRON SOURCE#
BY: GENERAL ELECTRIC CO.
CONTRACT NO. DA-28-043-AMC-00021(E), DECEMBER 1966
ORDERING CODE: 2 AD-804 383, AMSEL-KL-TS
- 335 YAG CRYSTALS#
BY: UNION CARBIDE CORP.
FINAL REPORT, CONTRACT DA-28-043-AMC-01373(E), OCTOBER 1966
ORDERING CODE: 2 AD-801 454, AMSEL-KL-SM
- 336 SOLID STATE BROADBAND OPTICAL DETECTORS#
BY: TEXAS INSTRUMENTS INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-00498(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-801 359, AMSEL-KL-SM
- 337 LOW INPUT VOLTAGE CONVERSION#
BY: HONEYWELL INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-00030(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-801 246L, AMSEL-KL-PG
- 338 TRANSVERSE WAVE HIGH POWER TUBE#
BY: ZENITH RADIO RESEARCH CORP.
FINAL REPORT, CONTRACT DA-28-043-AMC-01268(E), JULY 1966
ORDERING CODE: 2 AD-809 125, AMSEL-KL-TM
- 339 MICROWAVE PROPERTIES OF MANGANESE SUBSTITUTED ZN2Y SINGLE CRYSTALS AS A FUNCTION OF TEMPERATURE#
BY: McCALL, G. MAERTIN, L.
TECHNICAL REPORT ECOM-2762, SEPTEMBER 1966
ORDERING CODE: 1 AD-643 753, AMSEL-KL-EM
- 340 ORGANIC DEPOLARIZED PRIMARY BATTERIES (PROGRESS REPORT NO. 2)#
BY: PARLAK, J. G.
TECHNICAL REPORT ECOM-2733, JULY 1966
ORDERING CODE: 1 AD-688 305, AMSEL-KL-PC
- 341 DRIVE REQUIREMENTS FOR HIGH-VOLTAGE LOW GRID CURRENT TUBES#
BY: TAYLOR, G. W.
TECHNICAL REPORT ECOM-2734, AUGUST 1966, PRESENTED 9TH MODULATOR SYMPOSIUM, FORT MONMOUTH, NEW JERSEY, MAY 1966
ORDERING CODE: 1 AD-688 790, AMSEL-KL-Y
- 342 GALVANOSTATIC VOLTAGE TRANSIENTS OF MAGNESIUM ANODES#
BY: DIMASI, G. J.
TECHNICAL REPORT ECOM-2763, SEPTEMBER 1966
ORDERING CODE: 1 AI-646 173, AMSEL-KL-PB
- 343 MODULATOR PERFORMANCE OF ONE-KILOVOLT THYRISTORS
BY: KRUEGER, T. D. VORWERK, F. A.
TECHNICAL REPORT ECOM-2771, NOVEMBER 1966, PRESENTED 9TH MODULATOR SYMPOSIUM, FORT MONMOUTH, NEW JERSEY, MAY 1966
ORDERING CODE: 1 AD-683 402, AMSEL-KL-TS
- 344 DUPLEXER FOR A RADAR SYSTEM USING A DUAL MODE TRANSMITTER TUBE#
BY: WRIGHT, M. H., JR.
TECHNICAL REPORT ECOM-2765, SEPTEMBER 1966
ORDERING CODE: 1 AD-641 961, AMSEL-KL-TM
- 345 ULTS, LOW NOISE TRAVELING WAVE TUBES#
BY: ZITTER, J.
TECHNICAL REPORT ECOM-2737, AUGUST 1966
ORDERING CODE: 1 AD-638 447, AMSEL-KL-TM

- 346 HIGHER ORDER ELASTIC COEFFICIENTS FOR CRYSTALS; THE THIRD ORDER ELASTIC STIFFNESSES
BY: BECHMANN, R.
TECHNICAL REPORT ECOM-2766, AUGUST 1966
ORDERING CODE: 1
AD-642 844, ANSEL-KL-SP
- 347 MICROWAVE SEMICONDUCTOR OSCILLATOR AND AMPLIFIERS
BY: HIGGINS, V. J. BRAND, F. A.
TECHNICAL REPORT ECOM-2738, AUGUST 1966
ORDERING CODE: 1
AD-635 729, ANSEL-KL-SM
- 348 FIELD ENHANCED ELECTRON EMISSION STUDIES UTILIZING MATERIALS WITH SPECIAL CRYSTALLINE STRUCTURES
BY: MIESLHAIR, H. QUETZLAFF, H. T.
MALLEY, B. A. FITZPATRICK, W. P.
TECHNICAL REPORT ECOM-2739, AUGUST 1966
ORDERING CODE: 2
AD-488 895, ANSEL-KL-TQ
LONG, W. L.
- 349 PLASMA GENERATORS FOR MICROWAVE DEVICES
BY: WEINER, M. TRUE, G. M.
TECHNICAL REPORT ECOM-2740, AUGUST 1966
ORDERING CODE: 1
AD-439 715, ANSEL-KL-TM
EDWARDS, E. V.
- 350 SINGLE DEGREE OF FREEDOM ORTHOGONAL COMPONENTS OF A FACTOR AT 2K LEVELS IN TERMS OF LINEAR COMBINATIONS OF THEM
BY: WEINSTEIN, J.
TECHNICAL REPORT ECOM-2741, AUGUST 1966
ORDERING CODE: 1
AD-638 606, ANSEL-KL-D
- 351 THE EFFECTS OF NOISE IN OSCILLATORS
BY: HAFNER, E.
TECHNICAL REPORT ECOM-2772, FEBRUARY 1966; ALSO PUBLISHED IN PROCEEDINGS OF IEEE, FEBRUARY 1966
ORDERING CODE: 1
AD-643 319, ANSEL-KL-SP
- 352 INEXPENSIVE CATALYSTS FOR HYDRAZINE FUEL CELL ANODES
BY: PERRY, J., JR.
TECHNICAL REPORT ECOM-2743, AUGUST 1966
ORDERING CODE: 1
AD-680 867, ANSEL-KL-PC
- 353 RESISTANCE CAPACITANCE ACTIVE FILTERS
BY: CHABAK, E. J.
TECHNICAL REPORT ECOM-2744, AUGUST 1966
ORDERING CODE: 1
AD-689 240, ANSEL-KL-EC
- 354 DESIGN OF INTEGRATED ELECTRONIC DELAY LINE FOR A MAN TRANSPORTABLE MISSILE RADAR SET
BY: HRIVNAK, G. A.
TECHNICAL REPORT ECOM-2759, SEPTEMBER 1966
ORDERING CODE: 1
AD-641 328, ANSEL-KL-IC
- 355 STUDY OF PRE OSCILLATORY BEHAVIOR OF CROSSED FIELD MICROWAVE TUBES
BY: RICHMOND, P.
TECHNICAL REPORT ECOM-2746, AUGUST 1966
ORDERING CODE: 1
AD-640 204, ANSEL-KL-TM
- 356 TECHNOLOGY, DESIGN AND APPLICATION OF INTEGRATED CIRCUITS
BY: ECOM INTEGRATED ELECT. DIV.
TECHNICAL REPORT ECOM-2747, AUGUST 1966
ORDERING CODE: 1
AD-641 642, ANSEL-KL-I
- 357 ELECTRON BEAM ANALYZER FOR TESTING LINEAR BEAM MICROWAVE DEVICES
BY: DESANTIS, C. M.
TECHNICAL REPORT ECOM-2767, OCTOBER 1966
ORDERING CODE: 1
AD-682 922, ANSEL-KL-TM

- 357 PLASMA PROPERTIES OF KILOAMPERE DISCHARGES#
BY: CREEDON, J. E.
TECHNICAL REPORT ECOM-2773, NOVEMBER 1966
ORDERING CODE: 1 AD-643 197, AMSEL-KL-FS
- 358 DRY PROCESS DIVALENT SILVER OXIDE ELECTRODES#
BY: WILBURN, N. T., BRADLEY, C. J.
TECHNICAL REPORT ECOM-2749, SEPTEMBER 1966
ORDERING CODE: 1 AD-640 053, AMSEL-KL-PF
- 360 INTERFEROMETRIC PHOTOGRAPHIC TECHNIQUES FOR RECORDING OPTICAL PATH LENGTH VARIATIONS IN PUMPED LASER RODS#
BY: BICKART, C. J.
TECHNICAL REPORT ECOM-2751, AUGUST 1966
ORDERING CODE: 1 AD-640 439, AMSEL-KL-SM
- 361 INJECTION LASER DRIVING CIRCUIT FOR HIGH CURRENT, HIGH REPETITION RATE OPERATION#
BY: GAMBARINO, N. R., SCHIEL, E. J., TALBOT, G. A.
TECHNICAL REPORT ECOM-2753, AUGUST 1966
ORDERING CODE: 1 AD-640 491, AMSEL-KL-SM
- 362 DESIGN AND DEVELOPMENT OF A CO₂ MOLECULAR LASER#
BY: BICKART, C. J., FULTON, J. N.
TECHNICAL REPORT ECOM-2755, SEPTEMBER 1966
ORDERING CODE: 2 AD-602 408L, AMSEL-KL-SM
- 363 WIDE DYNAMIC RANGE VHF PRESELECTOR#
BY: GIANNOTTO, J. M., GHARAK, E. J.
TECHNICAL REPORT ECOM-2756, SEPTEMBER 1966
ORDERING CODE: 1 AD-640 931, AMSEL-KL-EC
- 364 FAST MILLIMETER FERRITE LATCHING SWITCH#
BY: STERN, N. A., AGRIOS, J. P.
TECHNICAL REPORT ECOM-2757, SEPTEMBER 1966
ORDERING CODE: 1 AD-642 143, AMSEL-KL-EM
- 365 CAPACITOR CHARACTERISTICS OF ANODIZED THIN FILM HAFNIUM#
BY: RAFFALOVICH, A. J.
TECHNICAL REPORT ECOM-2758, SEPTEMBER 1966
ORDERING CODE: 1 AD-641 338, AMSEL-KL-IB
- 366 HEAT MOISTURE CRACKING OF HANDSET# 138#
BY: PLATAU, G.
TECHNICAL REPORT ECOM-2714, MAY 1966
ORDERING CODE: 2 AD-484 073L, AMSEL-KL-EE
- 367 ON THE ORTHOGONALITY OF ELECTRON BEAM WAVES IN A FINITE MAGNETIC FIELD
BY: ZOTTER, B.
TECHNICAL REPORT ECOM-2678, MARCH 1966
ORDERING CODE: 1 AD-6 144, AMSEL-KL-TM
- 368 A COAXIAL CAVITY POWER AMPLIFIER (1300 TO 1000 MEGAHERTZ)#
BY: FINCKE, G. C., JR.
TECHNICAL REPORT ECOM-2679, MARCH 1966
ORDERING CODE: 1 AD-681 01, AMSEL-KL-TS
- 369 CHROMIUM MASKS FOR MICROCIRCUITRY#
BY: ROGEL, A.
TECHNICAL REPORT ECOM-2715, MAY 1966
ORDERING CODE: 1 AD-684 762, AMSEL-KL-ID
- 370 PREPARATION OF CHEMICAL VAPOR DEPOSITED MATERIALS FOR USE IN FIELD-ENHANCED ELECTRON EMISSION STUDIES#
BY: MCMASTER, D. G.
TECHNICAL REPORT ECOM-2681, MARCH 1966
ORDERING CODE: 1 AD-631 515, AMSEL-KL-TQ

- 371 AN ADVANCEMENT IN TRANSISTOR SECOND BREAKDOWN PERFORMANCE USING MOLYBDENUM METALIZATION#
BY: MAKIN, E. B.
TECHNICAL REPORT ECOM-2716, MAY 1966
ORDERING CODE: 1 AD-634 763, AMSEL-KL-SS
- 372 HIGH POWER S-BAND POWER DIVIDER#
BY: TRUE, R. M.
TECHNICAL REPORT ECOM-2685, MARCH 1966
ORDERING CODE: 1 AD-631 809, AMSEL-KL-TM
- 373 PREPARATION OF THIN FILM TUNNELING STRUCTURES#
BY: CABELL, S. BOBISCHEN, D.
TECHNICAL REPORT ECOM-2710, AUGUST 1966
ORDERING CODE: 1 AD-638 416, AMSEL-KL-TQ
- 374 DESIGN, FABRICATION AND EVALUATION OF THIN FILM AMPLIFIERS#
BY: FRANKEL, H. C.
TECHNICAL REPORT ECOM-2687, MARCH 1966
ORDERING CODE: 1 AD-631 803, AMSEL-KL-IB
- 375 INVERSE RESISTANCE POWER EFFECT IN QUARTZ CRYSTAL UNITS#
BY: BERNSTEIN, M.
TECHNICAL REPORT ECOM-2688, MARCH 1966
ORDERING CODE: 2 AD-481 558, AMSEL-KL-SP
- 376 RADIATION-RESISTANT SINGLE SUBBAND QUARTZ CRYSTAL UNITS#
BY: STANLEY, J.
TECHNICAL REPORT ECOM 2689, MARCH 1966
ORDERING CODE: 2 AD-481 968, AMSEL-KL-SP
- 377 INVESTIGATION OF NOISE IN MAGNETRON INJECTION GUNS#
BY: FISCHER, P.
TECHNICAL REPORT ECOM-2690, MARCH 1966
ORDERING CODE: 2 AD-489 041, AMSEL-KL-TM
- 378 PROPERTIES OF ULTRAFINE GRAINED BATIO₃ SUPER PRESSED AT LOW TEMPERATURE#
BY: BRANDMAYR, R. J.
TECHNICAL REPORT ECOM-2719, AUGUST 1966
ORDERING CODE: 1 AD-639 226, AMSEL-KL-EC
- 379 TUNABLE, HIGH POWER FERRITE FREQUENCY DOUBLERS#
BY: WEINER, M.
TECHNICAL REPORT ECOM-2692, APRIL 1966
ORDERING CODE: 1 AD-631 842, AMSEL-KL-TM
- 380 ATOMIC BEAM PREPARATION TECHNIQUES FOR HYDROGEN MASER OPERATION WITH UNPOLARIZED ATOMS#
BY: ANDRESEN, M. G. PANNACI, E.
TECHNICAL REPORT ECOM-2720, JUNE 1966
ORDERING CODE: 1 AD-636 582, AMSEL-KL-SM FULTON, J. N.
- 381 OPERATION OF THE INTEGRATED DISTRIBUTED AMPLIFIER TYPE Z-5278#
BY: CHREPTA, M. M.
TECHNICAL REPORT ECOM-2723, JUNE 1966
ORDERING CODE: 1 AD-637 304, AMSEL-KL-TS
- 382 LOW-COST, HIGH-ENERGY CATHODES FOR MAGNESIUM PERCHLORATE BATTERIES#
BY: ALMERINI, A. L.
TECHNICAL REPORT ECOM-2694, APRIL 1966
ORDERING CODE: 1 AD-634 100, AMSEL-KL-PF
- 383 PERFORMANCE OF P-N JUNCTION GALLIUM ARSENIDE AVALANCHE (TRANSIT TIME) OSCILLATORS#
BY: HIGGINS, V. J. BRAND, F. A.
TECHNICAL REPORT ECOM-2696, APRIL 1966
ORDERING CODE: 1 AD-635 084, AMSEL-KL-SM BARANOWSKI, J. J.

- 384 QUARTZ CRYSTAL UNITS FOR VERY HIGH FREQUENCIES#
BY: GERBER, E. A.
TECHNICAL REPORT ECOM-2697, APRIL 1966
ORDERING CODE: 1 AD-634 447, ANSEL-KL-C
- 385 STUDIES OF VACUUM BREAKDOWN BETWEEN MICROB-SIZED AREAS#
BY: HIESLMAN, H.
TECHNICAL REPORT ECOM-2699, APRIL 1966; CONF ON PHYS ELECT, MIT, MARCH
1966; 2ND INTL SYMP ON INSULATION OF HIGH VOLTAGE, MIT, SEPT 1965
ORDERING CODE: 1 AD-634 761, ANSEL-KL-TQ
- 386 EVALUATION OF THE NUVISTON TRIODE TYPE 88564
BY: MUESSE, W. G.
TECHNICAL REPORT ECOM-2700, APRIL 1966
ORDERING CODE: 1 AD-634 089, ANSEL-KL-TS
- 387 AERIAL INSTALLATION OF CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL C
X-4245C J/G#
BY: POMERANTZ, H., ROGERS, F.
TECHNICAL REPORT ECOM-2711, MAY 1966
ORDERING CODE: 1 AD-635 094, ANSEL-KL-EE
- 388 DEPOSITION TECHNIQUES FOR THIN FILM PASSIVE PARTS#
BY: PRATT, I. H.
TECHNICAL REPORT ECOM-2725, JULY 1966
ORDERING CODE: 1 AD-636 410, ANSEL-KL-IT
- 389 INVESTIGATION OF PLASMA GENERATORS FOR MICROWAVE DEVICES#
BY: WEINER, M., TRUE, R. M., EDWARDS, E. V.
TECHNICAL REPORT ECOM-2704, JUNE 1966
ORDERING CODE: 1 AD-636 956, ANSEL-KL-TM
- 390 IMPROVEMENT OF MILITARY RF CONNECTOR DESIGNS FOR INCREASED RELIABI
LITY
BY: MAYO, W. E.
TECHNICAL REPORT ECOM-2705, MAY 1966
ORDERING CODE: 1 AD-635 093, ANSEL-KL-EE
- 391 BEHAVIOR OF HYDROGEN MASERS UNDER COHERENT LOW-FREQUENCY ZEEMAN TRAN
SITION EXCITATION#
BY: ANDRESEN, H. G.
TECHNICAL REPORT ECOM-2706, JUNE 1966
ORDERING CODE: 1 AD-636 727, ANSEL-KL-SM
- 392 MICROWAVE TRANSISTOR AMPLIFIER RESEARCH#
BY: GELNOVITCH, V.
TECHNICAL REPORT ECOM-2707, JULY 1966
ORDERING CODE: 2 AD-469 165L, ANSEL-KL-SM
- 393 FEASIBILITY STUDY OF TIME SCALE SELECTOR FOR ADAPTER SYNTHESIZER#
BY: GENERAL TECHNOLOGY CORP.
CONTRACT NO. DA-28-043-ANC-00328(E), FEBRUARY 1966
ORDERING CODE: 2 AD-482 141, ANSEL-KL-SM
- 394 LOW COST MICROCIRCUIT NETWORKS#
BY: ELECTRONIC FILMS INC.
CONTRACT NO. DA-28-043-ANC-00284(E), APRIL 1966
ORDERING CODE: 1 AD-632 420, ANSEL-KL-IR
- 395 USE OF MOS TRANSISTORS IN SOLID STATE RADIATION SURVEY METERS#
BY: BRAYDEN, R., BONMAN, D., MCGHERRY, L.
TECHNICAL REPORT ECOM-2661, FEBRUARY 1966
ORDERING CODE: 1 AD-629 709, ANSEL-KL-SS
- 396 LIFE EXPECTANCY OF A NEW MINIATURE POWER RELAY#
BY: FONTANA, W. J.
TECHNICAL REPORT ECOM-2672, MARCH 1966
ORDERING CODE: 1 AD-632 340, ANSEL-KL-EE

- 397 HIGH PERVEANCE GUN STUDY#
 BY: LITTON INDUSTRIES
 CONTRACT NO. DA-36-039-SC-87313, MAY 1966
 ORDERING CODE: 2 AD-482 116, ANSEL-KL-TM
- 398 INVESTIGATION OF ELECTRONIC INTERACTION WITH OPTICAL RESONATORS FOR
 MICROWAVE GENERATION AND AMPLIFICATION#
 BY: VARIAN ASSOCIATES
 CONTRACT NO. DA-28-043-AMC-00480(E), JULY 1966
 ORDERING CODE: 2 AD-472 687L, ANSEL-KL-TM
- 399 CRYSTALS FOR OPTICAL MASER APPLICATIONS#
 BY: PERKIN-ELMER CORP.
 CONTRACT NO. DA-28-043-AMC-00474(E), JUNE 1966
 ORDERING CODE: 2 AD-469 683, ANSEL-KL-SM
- 400 HOLLOW BEAM FORMATION IN HIGHLY CONFINED ELECTRON FLOWS
 BY: ZOTTER, B.
 TECHNICAL REPORT ECOM-2673, MARCH 1966
 ORDERING CODE: 1 AD-681 163, ANSEL-KL-TM
- 401 100-KILOVOLT CERAMIC METAL THYRATRONS#
 BY: ITT ELECTRON TUBE DIV.
 CONTRACT NO. DA-36-039-AMC-03272(E), JUNE 1966
 ORDERING CODE: 2 AD-465 135, ANSEL-KL-TS
- 402 SOLID STATE TECHNIQUES FOR MODULATION AND DEMODULATION OF OPTICAL WA
 VES#
 BY: TEXAS INSTRUMENTS INC.
 CONTRACT NO. DA-36-039-AMC-03250(E), SEPTEMBER 1966
 ORDERING CODE: 2 AD-493 341, ANSEL-KL-SM
- 403 TRANSIENT SUPPRESSORS FOR RADIO SET AN/GRC-106 AND ITS CONFIGURATIUN
 S#
 BY: BOMMAN, D. RUPP, W. N.
 TECHNICAL REPORT ECOM-2674, MARCH 1966
 ORDERING CODE: 2 AD-480 336, ANSEL-KL-SS
- 404 RECENT DEVELOPMENTS IN SOLID-STATE MICROWAVE DEVICES#
 BY: MATTHEI, W. G.
 TECHNICAL REPORT ECOM-2676, MARCH 1966; ALSO MICROWAVE JOURNAL, MARCH
 1966
 ORDERING CODE: 1 AD-692 083, ANSEL-KL-SM
- 405 QUARTZ CRYSTAL AGING EFFECTS#
 BY: GEORGIA INSTITUTE OF TECH.
 CONTRACT NO. DA-36-039-AMC-02251(E), FEBRUARY 1966
 ORDERING CODE: 1 AD-633 724, ANSEL-KL-SP
- 406 STUDY OF NOISE IN SEMICONDUCTOR DEVICES#
 BY: UNIVERSITY OF MINNESOTA
 CONTRACT NO. DA-28-043-AMC-01701(E), JULY 1966
 ORDERING CODE: 1 AD-636 324, ANSEL-KL-SS
- 407 EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE, SURFACE
 EFFECTS#
 BY: HUGHES AIRCRAFT CO.
 CONTRACT NO. DA-28-043-AMC-00418(E), APRIL 1966
 ORDERING CODE: 1 AD-632 716, ANSEL-KL-TC
- 408 A MECHANICAL SHOCK PULSE SURVEY#
 BY: PALMISANO, F. KAPLAN, L. L.
 TECHNICAL REPORT ECOM-2647A, MARCH 1966; ALSO SHOCK AND VIBRATION
 BULLETIN, APRIL 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-KL-D

- 409 TECHNOLOGY FOR PNP INTEGRATED CIRCUITS#
 BY: LAROCQUE, A. P. KORNOLKOFF, N. ROGEL, A.
 MCNEIL, G. RIBLE, V. E.
 TECHNICAL REPORT ECON-2665, JANUARY 1966
 ORDERING CODE: 1 AD-629 126, ANSEL-KL-IT
- 410 THE STATUS OF SEMICONDUCTOR TECHNOLOGY IN FRANCE -- 1965#
 BY: LAROCQUE, A. P.
 TECHNICAL REPORT ECON-2650, JANUARY 1966
 ORDERING CODE: 2 AD-479 566, ANSEL-KL-IT
- 411 COMBIND PNE EFFECT AS A POSSIBLE TOOL FOR MICROELECTRONIC MATERIALS
 EVALUATION: THEORY#
 BY: METTE, H.
 TECHNICAL REPORT ECON 2652, FEBRUARY 1966
 ORDERING CODE: 1 AD-629 606, ANSEL-KL-D
- 412 CHEMICALLY DEPOSITED YTTRIUM IRON GARNET FILMS#
 BY: SKUDERA, W. MADE, W. L., JR. COLLINS, T.
 TECHNICAL REPORT ECON-2653, FEBRUARY 1966
 ORDERING CODE: 1 AD-630 341, ANSEL-KL-EM
- 413 FREQUENCY MULTIPLICATION CIRCUITS WITH ABRUPT JUNCTION VARACTOR D
 IODES#
 BY: RUPP, N. M.
 TECHNICAL REPORT ECON-2654, FEBRUARY 1966
 ORDERING CODE: 1 AD-632 537, ANSEL-KL-SS
- 414 PINHOLE ARRAY CAMERA FOR INTEGRATED CIRCUITS#
 BY: NEWMAN, P. RIBLE, V. E.
 TECHNICAL REPORT ECON-2653, JANUARY 1966; ALSO PUBLISHED IN
 APPLIED OPTICS, JULY 1966,
 ORDERING CODE: 1 AD-628 485, ANSEL-KL-D
- 415 THE HOURGLASS ENERGY DIVERTERS#
 BY: SCHNEIDER, S. BUFFA, A. J.
 TECHNICAL REPORT ECON-2654, JANUARY 1966
 ORDERING CODE: 1 AD-629 571, ANSEL-KL-TS
- 416 DESIGN OF A HIGH VOLTAGE BREAKDOWN IN VACUUM EXPERIMENTS#
 BY: CHREPTA, M. M. WEINSTEIN, J. TAYLOR, G. W.
 ZINN, M. H.
 TECHNICAL REPORT ECON-2655, JANUARY 1966
 ORDERING CODE: 1 AD-628 042, ANSEL-KL-TS
- 417 A STUDY OF VOLTAGE BREAKDOWN PHENOMENA IN THE MODULATING ANODE REGIO
 N OF HIGH POWER MICROWAVE TUBES#
 BY: WURTMANN, G. RICHMOND, P. FISCHER, P.
 SHERBURNE, F.
 TECHNICAL REPORT ECON-2656, FEBRUARY 1966
 ORDERING CODE: 2 AD-479 642, ANSEL-KL-TM
- 418 LABORATORY EVALUATION OF FIELD AND ASSAULT CABLE#
 BY: SCOVILLE, T. F.
 TECHNICAL REPORT ECON-2657, FEBRUARY 1966
 ORDERING CODE: 1 AD-632 093, ANSEL-KL-EE
- 419 LOW-LEVEL, CROSSED FIELD NOISE STUDY#
 BY: HANTLEY, J. H.
 TECHNICAL REPORT ECON-2659, FEBRUARY 1966
 ORDERING CODE: 1 AD-629 125, ANSEL-KL-TM
- 420 EFFECTS OF FINITE BEAM SIZE ON THE NOISE FIGURE OF TRAVELING WAVE TU
 BES IN HIGH MAGNETIC FIELDS#
 BY: ZOTTER, B.
 TECHNICAL REPORT ECON-2669, FEBRUARY 1966
 ORDERING CODE: 1 AD-630 596, ANSEL-KL-D

- 421 DIRECT PRODUCTION OF ELECTRICAL PULSES FROM GALVANIC CELLS -- I#
 BY: HUNGER, H. F. WYNN, J. E.
 TECHNICAL REPORT ECOM-2670, MARCH 1966
 ORDERING CODE: 1 AD-632 103, ANSEL-KL-PB SANFILIPPO, N. J.
- 422 RADIATION EFFECTS ON DIELECTRIC MATERIALS#
 BY: GENERAL DYNAMICS CORP.
 CONTRACT REPORT DA-28-043-ANC-01412(E), DECEMBER 1966
 ORDERING CODE: 1 AD-645 535, ANSEL-KL-IB
- 423 STUDY AND INVESTIGATION LEADING TO THE DESIGN OF BROADBAND HIGH POWER
 KLYSTRON AMPLIFIERS#
 BY: EIMAC DIV., VARIAN
 CONTRACT NO. DA-28-043-ANC-01362(E), NOVEMBER 1966
 ORDERING CODE: 2 AD-604 956, ANSEL-KL-TM
- 424 KU BAND PULSED MAGNETRON#
 BY: LITTON INDUSTRIES
 CONTRACT REPORT DA-28-043-ANC-01317(E), DECEMBER 1966
 ORDERING CODE: 1 AD-645 306, ANSEL-KL-TM
- 425 METAL BASE TRANSISTOR I#
 BY: PHILCO CORP.
 DA-28-043-ANC-00161(E), JULY 1966
 ORDERING CODE: 1 AD-642 524, ANSEL-KL-TD
- 426 RADIATION EFFECTS ON (MONOLITHIC) MICROELECTRONIC CIRCUITS#
 BY: HUGHES AIRCRAFT CO.
 CONTRACT NO. DA-28-043-ANC-01311(E), NOVEMBER 1966
 ORDERING CODE: 1 AD-642 301, ANSEL-KL-IC
- 427 HIGH SPEED MICROWAVE FERRITE SWITCHES#
 BY: BENDIX CORP.
 CONTRACT NO. DA-28-043-ANC-01496(E), OCTOBER 1966
 ORDERING CODE: 2 AD-602 067L, ANSEL-KL-EM
- 428 THIN FUEL CELL ELECTRODES#
 BY: UNION CARBIDE CORP.
 FINAL REPORT, CONTRACT DA-28-043-ANC-01344(E), JUNE 1966
 ORDERING CODE: 1 AD-680 077, ANSEL-KL-PC
- 429 LOW TEMPERATURE REFRACTORY METAL TO CERAMIC SEALS#
 BY: SPERRY RAND CORP.
 CONTRACT NO. DA-36-039-ANC-03734(E), APRIL 1966
 ORDERING CODE: 1 AD-682 362, ANSEL-KL-TQ
- 430 MICROMINIATURE CRYSTAL UNITS#
 BY: GENERAL ELECTRIC CO.
 CONTRACT REPORT DA-36-039-ANC-02232(E), OCTOBER 1965
 ORDERING CODE: 2 AD-692 565, ANSEL-KL-SP
- 431 RELIABLE, LOW COST, STABLE RESISTOR, GENERAL PURPOSE#
 BY: IRC, INC.
 CONTRACT NO. DA-36-039-ANC-02202(E), SEPTEMBER 1966
 ORDERING CODE: 1 AD-688 001, ANSEL-KL-EC
- 432 TRANSISTOR, VHF, SILICON POWER, LINEAR, 80MHZ, 100 WATTS PEP#
 BY: RADIO CORPORATION OF AMERICA
 CONTRACT NO. DA-28-043-ANC-01387(E), DECEMBER 1966
 ORDERING CODE: 2 AD-604 551, ANSEL-KL-SS
- 433 CHEMICALLY PUMPED LASER SYSTEM#
 BY: AERONUTRONIC DIV., PHILCO CORP.
 CONTRACT NO. DA-36-023-ANC-0325 T, AUGUST 1966
 ORDERING CODE: 2 AD-488 719, ANSEL-KL-SM

- 434 FUEL CELL CATALYSTS#
BY: ENGELHARD INDUSTRIES, INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-01286(E), AUGUST 1966
ORDERING CODE: 2 AD-488 908L, ANSEL-KL-P8
- 435 MINIATURE HYDROGEN GENERATOR#
BY: UNION CARBIDE CORP.
CONTRACT NO. DA-28-043-AMC-01375(E), AUGUST 1966
ORDERING CODE: 1 AD-637 242, ANSEL-KL-PC
- 436 X-BAND SOLID STATE POWER SOURCE#
BY: FAIRCHILD SEMICONDUCTOR
CONTRACT NO. DA-28-043-AMC-00120(E), APRIL 1966
ORDERING CODE: 2 AD-487 139, ANSEL-KL-P
- 437 EFFECTS OF EXTERNAL FORCES (TRANSIENT AND PERMANENT)#
BY: LOWELL TECHNOLOGICAL INSTITUTE
FINAL REPORT, CONTRACT DA-28-043-AMC-01240(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-488 575, ANSEL-KL-SP
- 438 STUDY OF GERMANIUM DEVICES FOR USE IN A THERMOPHOTOVOLTAIC CONVERTER

BY: GENERAL MOTORS CORP.
CONTRACT NO. DA-28-043-AMC-01420(E), JULY 1966
ORDERING CODE: 1 AD-636 249, ANSEL-KL-PA
- 439 THIN FILM POLYCRYSTALLINE FIELD EFFECT TRIODE#
BY: RADIO CORPORATION OF AMERICA
CONTRACT NO. DA-28-043-AMC-00231(E), NOVEMBER 1966
ORDERING CODE: 1 AD-643 779, ANSEL-KL-ID
- 440 INTEGRATED CIRCUIT MODULES FOR COMMUNICATIONS#
BY: RADIO CORPORATION OF AMERICA
CONTRACT NO. DA-28-043-AMC-00454(E), AUGUST 1966
ORDERING CODE: 1 AD-636 441, ANSEL-KL-IB
- 441 SOLID-STATE OPTICAL MASER RESEARCH#
BY: RADIO CORPORATION OF AMERICA
FINAL REPORT, DA-28-043-AMC-01214(E), JUNE 1966
ORDERING CODE: 2 AD-483 560, ANSEL-KL-SM
- 442 DEVELOPMENT OF MAGNESIUM N-SIZE CELLS FOR BA-399()/PRT-4 AND BA-3M5
()/PRH-9 BATTERIES#
BY: UNION CARBIDE CORP.
FINAL REPORT, DA-36-039-AMC-03308(E), APRIL 1966
ORDERING CODE: 2 AD-481 183, ANSEL-KL-PD
- 443 QUARTZ CRYSTAL RELIABILITY STUDIES#
BY: COOK ELECTRIC CO.
FINAL REPORT, CONTRACT DA-36-039-AMC-02350(E), MARCH 1966
ORDERING CODE: 2 AD-480 078, ANSEL-KL-ST
- 444 OPTICAL PUMPS FOR LASERS#
BY: WESTINGHOUSE ELECTRIC CORP.
FINAL REPORT, DA-28-043-AMC-00292(E), MAY 1966
ORDERING CODE: 2 AD-482 130, ANSEL-KL-TS
- 445 DEVELOPMENT OF THE SEALED ZINC SILVER OXIDE SECONDARY BATTERY SYSTEM

BY: YARNEY ELECTRIC CORP.
CONTRACT NO. DA-36-039-AMC-02238(E), JUNE 1966
ORDERING CODE: 1 AD-635 776, ANSEL-KL-PE
- 446 SMALL SIGNAL FUNCTIONAL CIRCUITS#
BY: MOTOROLA INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-00150(E), MARCH 1966
ORDERING CODE: 1 AD-680 690, ANSEL-KL-IC

- 447 TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS#
BY: RENSSELAER POLYTECHNIC INST.
CONTRACT NO. DA-28-043-AMC-01788(E), DECEMBER 1966
ORDERING CODE: 1 AD-644 889, ANSEL-KL-IC
- 448 RESEARCH AND DEVELOPMENT INVESTIGATION OF A PRECISION DIGITAL FREQUENCY SYNTHESIZER FOR 5000#
BY: COLLINS RADIO CO.
FINAL REPORT, CONTRACT DA-28-043-AMC-80176, APRIL 1966
ORDERING CODE: 2 AD-483 563, ANSEL-KL-SP
- 449 HIGH POWER GAS LASER IN THE VISIBLE#
BY: SPECTRA-PHYSICS, INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-00194(E), MAY 1966
ORDERING CODE: 2 AD-482 657, ANSEL-KL-SM
- 450 MICROWAVE PHASE SHIFTERS FOR INERTIALESS SCANNING (NON-RECIPROCAL)#
BY: WESTINGHOUSE ELECTRIC CORP.
FINAL REPORT, CONTRACT DA-28-043-AMC-00228(E), MARCH 1966
ORDERING CODE: 2 AD-481 533, ANSEL-KL-EM
- 451 TRANSISTOR, FIELD EFFECT, INSULATOR GATE, 100-MC AMPLIFIERS#
BY: RADIO CORPORATION OF AMERICA
FINAL REPORT, CONTRACT DA-28-043-AMC-00314(E), MARCH 1966
ORDERING CODE: 2 AD-480 416, ANSEL-KL-S5
- 452 MINIATURE CRYSTAL UNITS FOR SINGLE SIDEBAND OPERATIONS#
BY: BLILEY ELECTRIC CO.
FINAL REPORT, CONTRACT DA-28-043-00148(E), APRIL 1966
ORDERING CODE: 2 AD-481 807, ANSEL-KL-SP
- 453 CESIUM BEAM TUBE RESEARCH#
BY: VANIAN ASSOCIATES
FINAL REPORT, CONTRACT DA-28-043-AMC-00464(E), JUNE 1966
ORDERING CODE: 2 AD-483 446, ANSEL-KL-SM
- 454 FEASIBILITY STUDY OF METAL BASE TRANSISTORS#
BY: SPRAGUE ELECTRIC CO.
FINAL REPORT, CONTRACT DA 28-043 AMC-00168(E), SEPTEMBER 1966
ORDERING CODE: AD-801 367, ANSEL-KL-SM
- 455 STUDY OF EFFECT OF HIGH-INTENSITY PULSED NUCLEAR RADIATION ON ELECTRONIC PARTS AND MATERIALS (SCORE)#
BY: IBM CORP.
FINAL REPORT, CONTRACT DA 28-043 AMC-00212(E), OCTOBER 1966
ORDERING CODE: 2 AD-641 673, ANSEL-KL-EE
- 456 BROADBAND HARMONIC GENERATORS#
BY: SPERRY MICROWAVE ELECT. CO.
FINAL REPORT, CONTRACT DA 28-043 AMC-01256(E), NOVEMBER 1966
ORDERING CODE: 2 AD-801 825, ANSEL-KL-SM
- 457 NOVEL MICROWAVE FILTER DESIGN TECHNIQUES#
BY: STANFORD RESEARCH INSTITUTE
FINAL REPORT, CONTRACT DA 28-043 AMC-01271(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-800 824L, ANSEL-KL-EM
- 458 SOLID STATE TECHNIQUES FOR MODULATING OPTICAL WAVES#
BY: APPLIED RESEARCH LAB.
FINAL REPORT, CONTRACT DA 28-043 AMC-01283(E), OCTOBER 1966
ORDERING CODE: 2 AD-803 142, ANSEL-KL-SM
- 459 FERROMAGNETIC, FERROELECTRIC AND ACOUSTIC DEVICES#
BY: CLEVITE CORP.
FINAL REPORT, CONTRACT DA 28-043 AMC-01359(E), NOVEMBER 1966
ORDERING CODE: 2 AD-803 473L, ANSEL-KL-EC

- 460 ROOM TEMPERATURE LASER DIODES#
BY: RADIC CORPORATION OF AMERICA
FINAL REPORT, CONTRACT DA-28-043-AMC-01501(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-800 622, ANSEL-KL-SM
- 461 TUNABLE SOLID STATE GENERATOR#
BY: RADIC CORPORATION OF AMERICA
FINAL REPORT, CONTRACT DA 28-043 AMC-01385(E), OCTOBER 1966
ORDERING CODE: 2 AD-801 823, ANSEL-KL-SM
- 462 AUXILIARY ELECTRODE FOR CHARGE CONTROL OF SEALED NICKEL CADMIUM BATT
ERIF#
BY: MCGRAW-EDISON CO.
FINAL REPORT, CONTRACT DA-28-043-AMC-00152(E), OCTOBER 1966
ORDERING CODE: 2 AD-802 783L, ANSEL-KL-PE
- 463 EFFECT OF TRANSISTOR DESIGN PARAMETERS ON RADIATION RESPONSE (POWER
TRANSISTORS)#
BY: HUGHES AIRCRAFT CO.
FINAL REPORT, CONTRACT DA 28-043 AMC-01541(E), OCTOBER 1966
ORDERING CODE: 1 AD-601 406, ANSEL-KL-IC
- 464 THIN FILMS FORMED BY ELECTROCHEMICAL REACTIONS#
BY: TEXAS INSTRUMENTS INC.
FINAL REPORT, CONTRACT DA 36-039 AMC-02324(E), OCTOBER 1966
ORDERING CODE: 1 AD-641 613, ANSEL-KL-IB
- 465 STUDY OF RECEIVER MIXER CHARACTERISTICS#
BY: GEORGIA INSTITUTE OF TECH.
FINAL REPORT, CONTRACT DA 28-043 AMC-01426(E), AUGUST 1966
ORDERING CODE: 1 AD-600 239, ANSEL-KL-D
- 466 FREQUENCY TEMPERATURE COMPENSATED QUARTZ CRYSTAL OSCILLATOR 0-12276
3U
BY: BENDIX CORP.
FINAL REPORT, CONTRACT DA-28-043-AMC-00042(E), JUNE 1966
ORDERING CODE: 1 AD-694 520, ANSEL-KL-SP
- 467 THALLIUM BEAM TUBE RESEARCH#
BY: VARIAN ASSOCIATES
FINAL REPORT, CONTRACT DA 28-043 AMC-00350(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-600 172, ANSEL-KL-SP
- 468 HOT ELECTRON MILLIMETER DEVICES#
BY: GENERAL TEL & ELECT LAB.
FINAL REPORT, CONTRACT DA 28-043 AMC-00492(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-800 413, ANSEL-KL-SM
- 469 HIGH RELIABILITY CONNECTIVE DEVICES#
BY: STANFORD RESEARCH INSTITUTE
FINAL REPORT, CONTRACT DA 36-039 AMC-03727(E), MAY 1966
ORDERING CODE: 2 AD-692 627L, ANSEL-KL-EE
- 470 RESEARCH ON THIN FILM TUNNEL CATHODES, RECOMBINATION CATHODES, AND S
IMILAN COLD CATHODES, 2 VOLUMES#
BY: RAYTHEON CO.
FINAL REPORT, CONTRACT DA 28-043 AMC-00035(E), SEPTEMBER 1966
ORDERING CODE: 2, AD-489 897L, AD-489 898L, ANSEL-KL-TQ
- 471 500 WATT FUEL CELL POWER PLANT#
BY: PRATT & WHITNEY AIRCRAFT
FINAL REPORT, CONTRACT DA 36-039 AMC-00320(E), SEPTEMBER 1966
ORDERING CODE: 1 AD-640 700, ANSEL-KL-PC

Material Readiness

- 472 NEW METHODS FOR PREDICTING RELIABILITY#
BY: DWORKIN, E. J.
ELECTRONIC INDUSTRIES, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-MR/P-MPC
- 473 MAINTENANCE---A POTENT FORCE OF LOGISTICS#
BY: ORLOWSKI, E. S.
SIGNAL, FEBRUARY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-MR/P-MPC
- 474 INTERDEPENDENCE OF MAINTENANCE SUPPORT AND TECHNICAL MANUALS#
BY: CHILD, J. M.
13TH ANNUAL CONVENTION OF SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS,
FORT WORTH, TEXAS, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-MR

Communications & ADP

- 475 HIGH FREQUENCY LATERAL AND SKY WAVE PROPAGATION IN FOREST ENVIRONMEN
T#
BY: TAHIR, T.
1966 FALL UMSI MEETING, PALO ALTO, CALIFORNIA, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 476 USING OPERATIONS RESEARCH TO EXPLORE A NEW UNIT RECORD CONCEPT FOR T
HE ARMY#
BY: CURRY, U. C.
PROCEEDINGS OF ARMY OPERATIONS RESEARCH SYMPOSIUM, FORT MONMOUTH, N. J.,
MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 477 SOME MEASURED ELECTRICAL CHARACTERISTICS OF THE EARTH'S CRUST#
BY: ACKER, M. MUELLER, L. J.
ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT, PARIS, FRANCE,
APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 478 MEMORY TECHNOLOGY FOR COMMUNICATIONS/ADP SYSTEM OPERATION AND CONTROL

BY: HARATZ, D.
ADVANCED PLANNING BRIEFING FOR INDUSTRY, FORT MONMOUTH, N. J.,
APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 479 MAN MACHINE INTEGRATION--ENHANCEMENT OF MAN'S SENSORY CHANNELS OF CO
MMUNICATIONS#
BY: BENNETT, H. S. BURKHARD, H. F. HENNESSY, J. R.
NATIONAL AEROSPACE ELECTRONICS CONFERENCE, DAYTON, OHIO, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 480 PHOTOCROMIC CRT DISPLAYS
BY: KRAL, E. F. STEIN, W. A.
11TH ANNUAL TECHNICAL SYMPOSIUM, SOCIETY OF PHOTO-OPTICAL
INSTRUMENTATION ENGINEERS, ST. LOUIS, MO., AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 481 A TEST OBJECT FOR TOMOGRAPHY WITH APPLICATION TO AREA FUNCTIONS OF T
HE UPPER AIRWAY#
BY: DECLERK, J. L.
RADIOLOGICAL SOCIETY OF NORTH AMERICA, CHICAGO, NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8
- 482 THE ROLE OF SKIN IMPEDANCE IN CUTANEOUS COMMUNICATIONS#
BY: BENNETT, H. S. BURKHARD, H. F. HENNESSY, J. R.
MCCRAY, J.
19TH CONFERENCE ON ENGINEERING IN MEDICINE AND BIOLOGY, SAN FRANCISCO,
NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-NL-D-8

- 483 DIGITAL ELECTROOPTIC DEFLECTOR FOR DIRECTING LASER BEAMS#
 BY: KRAL, E. F. SIGLIN, P. W.
 11TH TECHNICAL SYMPOSIUM OF THE AGARD AVIONICS PANEL, MUNICH, GERMANY,
 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-NL-D-8
- 484 SOME RELATIONS BETWEEN ARTICULATOR MOVEMENT AND MOTOR CONTROL IN CON-
 SONANT-VOWEL-CONSONANT MONOSYLLABLES#
 BY: DECLERK, J. L.
 ACOUSTICAL SOCIETY OF AMERICA MEETING, LOS ANGELES, NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-NL-D-8
- 485 RAY PATH CHARACTERISTICS IN A SOUND DUCT FOR A PARTICULAR VELOCITY D
 EPTH PROFILES#
 BY: DENCE, W. F.
 ACOUSTICAL SOCIETY OF AMERICA MEETING, LOS ANGELES, NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-NL-D-8
- 486 COMMUNICATIONS SYSTEM 300 KC/S-30 MC/S-MF/HF#
 BY: GOLDBERG, B.
 TRANSACTIONS COMMUNICATIONS TECHNOLOGY, DECEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-NL-D-8
- 487 SYNTHETIC SPEECH STUDY#
 BY: PHILCO CORP.
 FINAL REPORT, CONTRACT DA-02-086-AMC-0300(E), JUNE 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D
- 488 BORNAN PROJECT#
 BY: BURNHOUGH'S CORPORATION
 FINAL REPORT, CONTRACT DA-28-043-AMC-01258(E), AUGUST 1966
 ORDERING CODE: 2 AD-488 198L, ANSEL-NL-P-2
- 489 PRELIMINARY RESULTS OF FULL-SCALE PATTERN MEASUREMENTS OF SIMPLE VHF
 ANTENNA IN A EUCALYPTUS GROVE#
 BY: STANFORD RESEARCH INSTITUTE
 FINAL REPORT, CONTRACT DA-36-039-AMC-00040(E), JANUARY 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D
- 490 INSTRUCTION MANUAL FOR CONTROLLER S DATA DISPLAY UNIT (CDD)#
 BY: STANFORD RESEARCH INSTITUTE
 SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E), MARCH 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D
- 491 FEASIBILITY STUDY OF THE USE OF OPEN WIRE TRANSMISSION LINES, CAPACI-
 TORS AND CAVITIES TO MEASURE THE ELECTRIC
 BY: STANFORD RESEARCH INSTITUTE
 SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E), AUGUST 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D
- 492 FULL-SCALE PATTERN MEASUREMENTS OF SIMPLE HF FIELD ANTENNAS#
 BY: STANFORD RESEARCH INSTITUTE
 SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E), MAY 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D
- 493 SURVEY OF LITERATURE PERTAINING TO THE EQUATORIAL IONOSPHERE AND TWO
 PICAL COMMUNICATIONS#
 BY: STANFORD RESEARCH INSTITUTE
 SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E), FEBRUARY 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D
- 494 FARADAY ROTATION MEASUREMENTS ELECTROM CONTENT NEAR THE MAGNETIC EQU
 ATOR, USING THE TRANSIT IV-A SATELLITE#
 BY: STANFORD RESEARCH INSTITUTE
 SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E), JANUARY 1966
 ORDERING CODE: 2 AD UNKNOWN, ANSEL-NL-D

- 495 A NOTE ON THE COMPUTED RADIATION PATTERNS OF DIPOLE ANTENNAS IN DENSE VEGETATIONS
BY: STANFORD RESEARCH INSTITUTE
SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E)
ORDERING CODE: 2 AD UNKNOWN, AMSEL-NL-D
- 496 PAGE PRINTER UTILIZING ADVANCED PRINTING TECHNIQUES
BY: RADIO CORPORATION OF AMERICA
FINAL REPORT, CONTRACT DA-28-043-AMC-00319(E), AUGUST 1966
ORDERING CODE: 2 AD-802 43E, AMSEL-NL-D
- 497 RELATIVE GAINS AND BANDWIDTHS OF ANTENNAS FOR SKYWAVE PROPAGATION AT NEAR VERTICAL INCIDENCE
BY: STANFORD RESEARCH INSTITUTE
SPECIAL REPORT, CONTRACT DA-36-039-AMC-00040(E), JANUARY 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-NL-D
- 498 TROPICAL PROPAGATION RESEARCH
BY: ATLANTIC RESEARCH CORPORATION
FINAL REPORT, CONTRACT DA-36-039-SC-90889, JANUARY 1966
ORDERING CODE: 2 AD UNKNOWN, AMSEL-NL-D
- 499 DEVELOPMENT OF GRAPHIC SIGNATURE RECORDER A MILITARY DIRECT WRITING OSCILLOGRAPH
BY: HONEYWELL INC.
CONTRACT NO. DA-28-043-AMC-00292(E), DECEMBER 1966
ORDERING CODE: 1 AD-644 542
- 500 TRANSMISSION TESTING AND EVALUATION OF CV-1546()/TSC-29 CHANNEL VUC QDCR
BY: ITT KELLOGG
CONTRACT NO. DA-28-043-AMC-00243(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-487 343, AMSEL-NL-A-3
- 501 MEMORY-ORIENTED PROCESSOR STUDY
BY: CAMPI, A. V. CASHMAN, H. J. GRAY, B. H.
TECHNICAL REPORT ECOM-2760, SEPTEMBER 1966
ORDERING CODE: 2 AD-602 750L, AMSEL-NL-P-2
- 502 SERIAL PCM DATA BUFFERS
BY: PICKOVER, M. B. RESOLITS, T.
TECHNICAL REPORT ECOM-2745, AUGUST 1966
ORDERING CODE: 1 AD-639 673, AMSEL-NL-P-3
- 503 MODULAR ORGANIZATION FOR NODES IN AN ADAPTIVE, HOMEOSTATIC PROCESS-ORIENTED COMMUNICATIONS SYSTEM
BY: DUNN, R. W.
TECHNICAL REPORT ECOM-2722, JUNE 1966
ORDERING CODE: 1 AD-626 266, AMSEL-NL-S
- 504 COMPUTER-AIDED ANALYSIS OF A SILICON MONOLITHIC INTEGRATED CURRENT SWITCH GATE
BY: BELL, W. V. KERNAN, J. E., JR. HOLUB, P. H.
TECHNICAL REPORT ECOM-2683, MARCH 1966; PRESENTED AT 9TH MIDWEST SYMPOSIUM ON CIRCUIT THEORY, OKLAHOMA STATE UNIVERSITY, MAY 1966
ORDERING CODE: 1 AD-681 657, AMSEL-NL-P
- 505 DISTRIBUTED EXECUTIVE CONTROL IN A CLASS OF MODULAR MULTIPROCESSOR COMPUTING SYSTEMS VIA A PRIORITY MEMORY
BY: DUNN, R. W. GALLAGHER, J. C. HADDEN, D. R., JR.
TECHNICAL REPORT ECOM-2663, JANUARY 1966
ORDERING CODE: 1 AD-629 346, AMSEL-NL
- 506 CODING STUDIES OF REAL CHANNEL DATA BY COMPUTER SIMULATIONS
BY: MOYES, E. D. TAYLOR, R. W., JR.
TECHNICAL REPORT ECOM-2701, APRIL 1966; PRESENTED AT IEEE INTERNATIONAL COMMUNICATIONS CONFERENCE, PHILADELPHIA, JUNE 1966
ORDERING CODE: 1 AD-635 009, AMSEL-NL-D

- 507 LASER APPLICATION STUDY#
 BY: IBM CORP.
 FINAL REPORT, CONTRACT DA-28-043-AMC-01434(E), FEBRUARY 1966
 ORDERING CODE: 2 AD-480 386, ANSEL-NL-A-1
- 508 PHOTOCROMIC COLOR DISPLAY STUDY#
 BY: NATIONAL CASH REGISTER CO.
 CONTRACT NO. DA-28-043-AMC-01495(E), DECEMBER 1966
 ORDERING CODE: 2 AD-804 490L, ANSEL-NL-A-1
- 509 AUTOMATIC DATA RATE CHANGER FOR RADIO ADAPTIVE COMMUNICATIONS#
 BY: SYLVANIA ELECTRONIC PRODUCTS
 CONTRACT REPORT DA-28-043-AMC-01474(E), APRIL 1966
 ORDERING CODE: 2 AD-484 275, ANSEL-NL-H-2
- 510 AN INVESTIGATION OF THE TRANSMISSION OF DIGITAL SIGNALS THROUGH A DI
 SPERSIVE CHAFF CHANNEL#
 BY: RADIATION INC.
 CONTRACT NO. DA-28-043-AMC-00202(E), JULY 1966
 ORDERING CODE: 1 AD-637 673, ANSEL-NL-R-4
- 511 INTERCONNECTING DEVICES AND TECHNIQUES FOR TELEPHONE COMMUNICATION E
 QUIPMENT#
 BY: BURNDY CORP.
 CONTRACT NO. DA-36-039-SC-90721, JANUARY 1966
 ORDERING CODE: 1 AD-687 831, ANSEL-NL-D
- 512 DISPLAY DATA RECORDING BY LASER#
 BY: NORTHRUP CORP.
 FINAL REPORT, CONTRACT DA-28-043-AMC-01398(E), SEPTEMBER 1966
 ORDERING CODE: 2 AD-489 374L, ANSEL-NL-A-1
- 513 VOICE ACTUATED ADDRESS MECHANISMS#
 BY: ELECTRONICS ASSOCIATES, INC.
 FINAL REPORT, CONTRACT DA 28-043 AMC-01223(E), MARCH 1966
 ORDERING CODE: 1 AD-620 941, ANSEL-NL-A-1

Procurement and Production

- 514 DOD-ESTABLISHED RELIABILITY SPECIFICATION PROGRAM ON ELECTRONIC PART
 S#
 BY: GRUBMAN, S.
 SYMPOSIUM ON RELIABILITY, SHERATON PARK HOTEL, WASHINGTON, D. C.
 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-PP
- 515 PRECIPITATION WATER CONTENT METERS#
 BY: NEW YORK UNIVERSITY
 FINAL REPORT, CONTRACT DA-36-039-62-20, JUNE 1966
 ORDERING CODE: 1 AD UNKNOWN, ANSEL-PP-CN-E/A

Avionics

- 516 CUTANEOUS SENSITIVITY COMMUNICATIONS#
 BY: HENNESSY, J. R.
 HUMAN FACTORS, OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-VL-D
- 517 A LOW ALTITUDE CONTROL CONCEPT FOR US ARMY ROTARY WING AIRCRAFT#
 BY: SCHOENBERGER, O. H. ROBERTSON, W. J.
 22ND ANNUAL FORUM OF THE AMERICAN HELICOPTER SOCIETY, WASHINGTON, D. C.,
 11-13 MAY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-VL-D

- 518 ARMY TACTICAL AIRSPACE REGULATION SYSTEM STUDY#
BY: COPPOLA, A. A.
4TH ANNUAL MEETING OF COLLISION PREVENTION ADVISORY GROUP, WASHINGTON,
D. C., JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-VL-D
- 519 HYBRID SIMULATION OF A SINGLE ROTOR HELICOPTER#
BY: BOLTON, G. MAY, I. KENNEDY, M. J.
MITCHEL, E. E. L.
SPRING JOINT COMPUTER CONFERENCE, BOSTON, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-VL-D
- 520 A STOCHASTIC SURVEILLANCE DECISION MODEL-- CYBERNETIC CORRELATORS#
BY: RISER, F.
PROCEEDINGS OF ARMY OPERATIONS RESEARCH SYMPOSIUM, FORT MONMOUTH, N. J.
MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-VL-D
- 521 RADAR ALTIMETER TECHNIQUES IN THE ARCTIC ENVIRONMENT#
BY: CRUICKSHANK, R. C.
AGARD PANEL MEETING, PARIS, FRANCE, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-VL-D
- 522 STUDY OF AIRBORNE MILLIMETER RADAR TECHNIQUES#
BY: UNITED AIRCRAFT CORPORATION
FINAL REPORT, REPORT DA-28-043-AMC-01253(E), SEPTEMBER 1966
ORDERING CODE: 1 AD-637 795, ANSEL-BL-WA
- 523 PRECISE TACTICAL NAVIGATION (SECURE) TECHNIQUES#
BY: AIRBORNE INSTRUMENTS LAB.
CONTRACT NO. DA-28-043-AMC-01544(E), DECEMBER 1966
ORDERING CODE: 2 AD-805 042L, ANSEL-VL-W
- 524 BASIC EXAMINATION OF THE DYNAMICS OF AIRCRAFT IN FORMATION FLIGHT#
BY: SHUPE, N. K.
TECHNICAL REPORT ECON-2754, SEPTEMBER 1966
ORDERING CODE: 2 AD-806 051, ANSEL-VL-S
- 525 APPLICATION OF A PARTICULAR SOLUTION OF THE EULER-POISSON EQUATION T
O TERRAIN-FOLLOWING AND FORMATION FLIGHT
BY: SHUPE, N. K.
TECHNICAL REPORT ECON-2691, APRIL 1966
ORDERING CODE: 1 AD-632 120, ANSEL-VL-S
- 526 ADVANCED ARMY AIRCRAFT INSTRUMENTATION SYSTEM#
BY: DOUGLAS AIRCRAFT CO.
CONTRACT NO. DA-36-039-SC-87354, JUNE 1966
ORDERING CODE: 2 AD-486 431, ANSEL-VL-T
- 527 IN-FLIGHT TERRAIN AND RADAR SIMULATOR#
BY: HUYCK SYSTEMS CO.
FINAL REPORT, DA-28-043-AMC-01615(E), APRIL 1966
ORDERING CODE: 1 AD-635 485, ANSEL-VL-E

Electronic Warfare

- 528 A NEW TYPE OF BROADBAND LOW NOISE RADIO FREQUENCY AMPLIFIER#
BY: BRETT, H.
PROCEEDINGS OF ARMY SCIENCE CONFERENCE, WEST POINT, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-WL-D0
- 529 FLEXIBLE STRING ANTENNAS AND JUNGLE ANTENNA STUDY#
BY: LITTON SYSTEMS INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-00335(E), FEBRUARY 1966
ORDERING CODE: 2 AD UNKNOWN, ANSEL-WL-D

- 530 DIGITAL COMPUTER ESTIMATION OF SYSTEM PARAMETERS UTILIZING INPUT OUTPUT DATA#
BY: SYLVANIA (EDL)
FINAL REPORT, CONTRACT DA-28-043-AMC-01829(E), AUGUST 1966
ORDERING CODE: 1 AD-637 199, ANSEL-WL-RU-4
- 531 LOADED PYRAMIDAL LOG PERIODIC ANTENNA#
BY: SANDERS ASSOCIATES INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-01786(E), MAY 1966
ORDERING CODE: 2 AD-487 765L, ANSEL-WL-S
- 532 INVESTIGATION OF PNE DETECTION FILTERING TECHNIQUES#
BY: ELECTRONICS RESEARCH LAB
FINAL REPORT, CONTRACT DA-28-043-AMC-01548(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-800 049L, ANSEL-WL-C
- 533 APPLICATION OF COMPUTERS TO RF CIRCUIT DESIGN#
BY: APPLIED TECHNOLOGY INC.
FINAL REPORT, CONTRACT DA-28-043-AMC-01347(E), JUNE 1966
ORDERING CODE: 1 AD-637 600, ANSEL-WL-S
- 534 INVESTIGATION OF LONG RANGE INTERCEPT AND ANALYSIS TECHNIQUES#
BY: HRB-SINGER, INC.
CONTRACT NO. DA-28-043-AMC-01868(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-486 972L, ANSEL-WL-S
- 535 MONOPULSE SIGNAL ANALYSIS WITH SIMULTANEOUS VIDEO PROCESSOR#
BY: INSTRUMENT SYSTEMS CORPORATION
FINAL REPORT, CONTRACT DA-28-043-AMC-02490(E), OCTOBER 1966
ORDERING CODE: 2 AD-804 962L, ANSEL-WL-S
- 536 IMPROVING THE RF CAPABILITIES OF A SMALL WIRE GRID LENS ANTENNA#
BY: CONTROL DATA CORPORATION
FINAL REPORT, CONTRACT DA-28-043-AMC-02314(E), NOVEMBER 1966
ORDERING CODE: 2 AD-805 417L, ANSEL-WL-S
- 537 AZIMUTH AND ELEVATION DIRECTION FINDER STUDY#
BY: UNIVERSITY OF MICHIGAN
FINAL REPORT, CONTRACT DA-28-043-AMC-01499(E), SEPTEMBER 1966
ORDERING CODE: 2 AD-804 954L, ANSEL-WL-S
- 538 SYNCHRONOUS FILTER TYPE INDICATOR FOR A DOPPLER DIRECTION FINDER#
BY: JOHN M. BEUKERS LAB.
CONTRACT NO. DA-28-043-AMC-01348(E), JULY 1966
ORDERING CODE: 2 AD-487 244, ANSEL-WL-C
- 539 AMPLITUDE MODE OPERATION FOR AN/TRD-15 DOPPLER DIRECTION FINDER#
BY: SERVO CORP. OF AMERICA
FINAL REPORT, CONTRACT DA-28-043-AMC-00308(E), JANUARY 1966
ORDERING CODE: 2 AD-483 024, ANSEL-WL-C
- 540 MIXER IF AMPLIFIER ASSEMBLY#
BY: AMERICAN ELECTRONIC LABS, INC.
FINAL REPORT, CONTRACT DA 28-043 AMC-00488(E), APRIL 1966
ORDERING CODE: 2 AD-480 531, ANSEL-WL-C
- 541 THEORETICAL AND EXPERIMENTAL STUDIES IN DOPPLER DIRECTION FINDING#
BY: JOHN M. BEUKERS LAB.
FINAL REPORT, CONTRACT DA 28-043 AMC-01318(E), OCTOBER 1966
ORDERING CODE: 2 AD-802 764L, ANSEL-WL-C

Exploratory Research

- 542 ELECTROMAGNETIC FIELDS INSIDE A THIN SPHERICAL SHELL WITH CONDUCTING WALLS#
 BY: BOMKE, M. A. BLAKE, M. MULSE, W. H.
 12TH CONFERENCE OF ARMY MATHEMATICIANS, DARTMOUTH COLLEGE, HANOVER, N. H., 22-23 JUNE 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 543 DETERMINATION OF LARGE CRYSTAL STRUCTURES BY COMBINED X-RAY DIFFRACTION AND ELECTRON MICROSCOPY#
 BY: KOHN, J. A. ECKART, D. W. COOK, C. F.
 MATERIALS RESEARCH BULL, PERGAMON PRESS, NOV 1966; PRESENTED INTL CONF ON CHARACTERIZATION OF MATERIALS, PENN STATE U, 16-18 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 544 MICROPROBE AND MAGNETIC CHARACTERIZATION OF SOME SINGLE CRYSTAL HEXAGONAL FERRITES#
 BY: SHAPPIRO, J. R. TAUBER, A. SAVAGE, R. D.
 MATERIALS RESEARCH BULL, PERGAMON PRESS, NOV. 66; PRESENTED AT INTL CONF ON CHARACTERIZATION OF MATERIALS, PENN STATE U, NOV. 66
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 545 DURABLE CHROMIUM MASKS FOR PHOTORESIST APPLICATIONS#
 BY: ROGEL, A.
 THE REVIEW OF SCIENTIFIC INSTRUMENTS, OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 546 PRESSURE BURSTS IN BAKEABLE ULTRA-HIGH VACUUM VALVES DURING OPENING AND CLOSING#
 BY: BUSER, R. G. SULLIVAN, J. J.
 VACUUM, NO. 8, 1966
 ORDERING CODE: 1 AD-625 120, ANSEL-XL-S
- 547 THE CRYSTALLOGRAPHY OF THE HEXAGONAL FERRITES#
 BY: KOHN, J. A. ECKART, D. W.
 7TH INTERNATIONAL CONGRESS AND SYMPOSIUM OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY, MOSCOW, USSR, 12-21 JULY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 548 TWO RESULTS IN NONLINEAR DIFFERENTIAL EQUATIONS#
 BY: KOTIN, L.
 REDSTONE ARSENAL, HUNTSVILLE, ALABAMA, 9-10 MARCH 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 549 A FLOQUET THEOREM FOR REAL NONLINEAR SYSTEMS#
 BY: KOTIN, L.
 TWELFTH CONFERENCE OF ARMY MATHEMATICIANS, DARTMOUTH COLLEGE, HANOVER, N.H., 22-23 JUNE 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 550 MEASUREMENT OF THE GAMMA VECTOR DOSE RATE AS FUNCTION OF TIME IN A HIGH INTENSITY, TIME DEPENDENT NUCLEAR RADIATION#
 BY: KRONENBERG, S. BERKOWITZ, H.
 MEASUREMENT OF NUCLEAR RADIATION MEETING, BERKELEY, ENGLAND, 11 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 551 LITHOSPHERIC RADIO PROPAGATION-A REVIEW#
 BY: LEVIN, S. B.
 AGARD SYMPOSIUM ON SUB-SURFACE COMMUNICATIONS, PARIS, FRANCE, 25-29 APRIL 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 552 PROPAGATION OF ELECTROMAGNETIC SIGNALS THROUGH THE DEEP CRUST OF THE EARTH#
 BY: LEVIN, S. B.
 COLLOQUIUM PRESENTED AT ESSA (US DEPT OF COM) AND NATIONAL BUREAU OF STANDARDS, BOULDER COLORADO, 7 DECEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D

- 553 THE KAPITZA RESISTANCE OF MERCURY#
BY: PEARCE, D. C.
PHYSICS DEPARTMENT, UNIVERSITY OF MINNESOTA, 17 MAY 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 554 AN EXPERIMENTALLY OBTAINED MODEL FOR PROPAGATION AT VLF IN THE EARTH
IONOSPHERE WAVEGUIDE#
BY: PETERSON, D. W.
VLF DISCUSSION GROUP, US NAVAL RESEARCH LABORATORY, WASHINGTON, D. C.,
7 JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 555 A THEOREM ON DECISION BOUNDARIES#
BY: PETERSON, D. W. BELSAR, K. A.
12TH CONFERENCE OF ARMY MATHEMATICIANS, DARTMOUTH COLLEGE, HANOVER,
N.H., 22 JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 556 DYNAMIC NUCLEAR POLARIZATION IN HEXAFLUOROBENZENE#
BY: POINDEXTER, E. H. STEWART, J. R. THOMPSON, D. C.
AMERICAN PHYSICAL SOCIETY, DURHAM, N.C., 28-30 MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 557 DYNAMIC POLARIZATION OF FLUORINE NUCLEI IN FREE RADICAL SOLUTIONS#
BY: POINDEXTER, E. H.
PHYSICS DEPT., TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,
12 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 558 DYNAMIC POLARIZATION IN FLUORINE COMPOUNDS#
BY: POINDEXTER, E. H.
PHYSICS DEPT., UNIVERSITY OF COLORADO, BOULDER, COLORADO
14 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 559 SKY BRIGHTNESS TEMPERATURE AT 400 MHz#
BY: PRICE, R.
URSI SPRING MEETING, WASHINGTON, D.C., 18 APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 560 INTERPRETATION OF OBSERVED INTERFERENCE ON GBR TRANSMISSIONS#
BY: REEDER, F.
VLF PROPAGATION DISCUSSION GROUP MEETING, AFCL, BEDFORD, MASS.,
18 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 561 VLF SUNRISE AND SUNSET FADING-SIMULATION EXPERIMENT AND SIMULTANEOUS
MEASUREMENTS OF NPM ALONG GREAT CIRCLE P
BY: SCHAAL, R.
VLF PROPAGATION DISCUSSION GROUP MEETING, AFCL, BEDFORD, MASS.,
OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 562 CLASSICAL DISSIPATION OF QUANTUM-MECHANICAL SOURCES COUPLED WEAKLY TO
THE DETECTOR#
BY: SENITZKY, I. R.
QUANTUM ELECTRONICS CONFERENCE, PHOENIX, ARIZONA, 12-15 APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 563 DESCRIPTION OF THE FIELD IN QUANTUM OPTICS#
BY: SENITZKY, I. R.
2ND ROCHESTER CONFERENCE ON COHERENCE AND QUANTUM OPTICS, ROCHESTER,
N.Y., 22-24 JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D
- 564 FLUORINE ELECTRON DOUBLE RESONANCE IN FREE RADICAL SOLUTIONS#
BY: STEWART, J. R.
PHYSICS DEPARTMENT COLLOQUIUM, UNIVERSITY OF SOUTH CAROLINA, SOUTH
CAROLINA, 24 MARCH 1966
ORDERING CODE: 3 AD UNKNOWN, AMSEL-XL-D

- 565 OBSERVATION OF A THREE SPIN EFFECT IN DYNAMIC POLARIZATION#
 BY: STEWART, J. R. POINDEXTER, E. H. CAPLAN, P. J.
 AMERICAN PHYSICAL SOCIETY, WASHINGTON, D. C., 25-28 APRIL 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-0
- 566 NUCLEAR MAGNETIC RESONANCE IN LIQUIDS#
 BY: STEWART, J. R.
 PHYSICS DEPARTMENT, PENNSYLVANIA MILITARY COLLEGE, CHESTER, PA.
 17 NOVEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 567 REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS
 BY: SULLIVAN, J. J. BUSER, R. G.
 13TH VACUUM SYMPOSIUM, SAN FRANCISCO, 26 OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 568 MICRO INDENTATION HARDNESS TESTING-A PROGRESS REPORT#
 BY: TOMAN, L. NYE, M. F.
 AMERICAN SOCIETY FOR TESTING MATERIALS SYMPOSIUM, ATLANTIC CITY, N. J.,
 26 JUNE-1 JULY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 569 THE CRYSTAL STRUCTURE AND REFINEMENT OF FERROMAGNETIC BARIUM FERRITE
 BY: TONNES, W. D. FANG, J. H.
 AMERICAN CRYSTALLOGRAPHIC ASSOCIATION, AUSTIN, TEXAS, 28 FEBRUARY-
 2 MARCH 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 570 RADAR SOUNDING OF CONTINENTAL ICE SHEETS#
 BY: WAITE, A. M. WALKER, J. W. FARIELLO, R. A.
 HRYCKOWIAN, E. LEVIN, S. B.
 AGARD SYMPOSIUM ON SUR-SURFACE COMMUNICATIONS, PARIS, FRANCE,
 25-29 APRIL 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 571 SUPERCONDUCTIVE TUNNELING THROUGH SMALL METALLIC BRIDGES IN HIGH MAG
 NETIC FIELDS#
 BY: GAULE, G. K. SCHWIDTAL, K. ROSS, R. L.
 AMERICAN PHYSICAL SOCIETY, DURHAM, N.C., 28-30 MARCH 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 572 ENERGY STORAGE AND ENERGY CONVERSION THROUGH HIGH MAGNETIC FIELDS FR
 OM SUPERCONDUCTORS#
 BY: GAULE, G. K. BUSER, R. G. ROSS, R. L.
 KAINZ, J.
 PROCEEDINGS OF THE POWER SOURCES CONFERENCE, ATLANTIC CITY, N.J.,
 MAY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 573 BASIC AND SEMICONDUCTOR PROPERTIES OF NATURAL AND ISOTOPE ENRICHED B
 BRON, AND ITS APPLICATION IN TEMPERATURE
 BY: GAULE, G. K.
 ISOTOPE DEVELOPMENT CENTER, OAK RIDGE NATIONAL LABORATORY, OAK RIDGE,
 TENN., 28 JUNE 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 574 CURRENTS BETWEEN COUPLE SUPERCONDUCTORS UNDER VARYING COUPLING CONDI
 TIONS#
 BY: GAULE, G. K.
 BROOKHAVEN NATIONAL LABORATORY, UPTON, LONG ISLAND, N.Y., 15 JULY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 575 CORRELATION BETWEEN OBSERVED CURRENTS AND COUPLING MECHANISMS IN COU
 PLED SUPERCONDUCTORS#
 BY: GAULE, G. K. SCHWIDTAL, K. BRESLIN, J. T.
 ROSS, R. L. WINYER, J. G.
 10TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS, MOSCOW, USSR,
 29 AUGUST-6 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D

- 576 THERMAL CONDUCTIVITY OF SOLIDS#
 BY: GREENBERG, I. N.
 NASA ELECTRONICS RESEARCH CENTER COLLOQUIUM, CAMBRIDGE, MASS.
 3 AUGUST 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 577 SOME PROBLEMS IN THE THERMAL CONDUCTIVITY OF SOLIDS#
 BY: GREENBERG, I. N.
 METALS RESEARCH LABORATORY COLLOQUIUM, BROWN UNIVERSITY, PROVIDENCE,
 R. I., 28 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 578 GROUND STATE ENERGY OF ALUMINUM USING A PSEUDO CORE POTENTIAL#
 BY: IAFRATE, G. J.
 AMERICAN PHYSICAL SOCIETY, NEW YORK, N.Y., 26-29 JANUARY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 579 CRYSTALLOGRAPHY: EXPLORING POLYTYPIISM#
 BY: KOHN, J. A.
 SCIENCE, DECEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 580 KIKI-TNT, PROJECT 2.4#
 BY: KRONENBERG, S. JOHNSON, G. NILSON, K.
 PERLMAN, J. MURPHY, H.
 REPORT NO. POR 6102 FOR DASA, JUNE 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 581 A GENERALIZATION OF THE DIRAC CHORD METHOD TO INCLUDE CHARGED PARTIC
 LE PHENOMENA#
 BY: LEWIS, E. E.
 NUCLEAR SCIENCE AND ENGINEERING, VOL. 25, 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-SC
- 582 RADIATION AND PROPAGATION OF ELECTROMAGNETIC WAVES FROM MOVING SOURC
 ES#
 BY: LEWIS, M. M.
 RADIO SCIENCE, SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 583 A METHOD FOR ADDING RANGE AND SAFETY TO GM SURVEY METERS#
 BY: MARKOW, B.
 HEALTH PHYSICS, VOL. 12, 1966
 ORDERING CODE: 1 AD-684 464, ANSEL-XL-D
- 584 IDENTIFICATION OF CHEMICAL COMPOUNDS BY VOLTAGE FLUCTUATION IN THE D
 IRECT CURRENT ARC#
 BY: MELLICHAMP, J. W.
 ANALYTICAL CHEMISTRY, SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 585 A DUAL MODE BEAM WAVEGUIDE RESONATOR AND FREQUENCY STABILIZER AT MIL
 LIMETER WAVE FREQUENCIES#
 BY: MINK, J. SCHEIBE, E. H.
 IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, MAY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 586 A RECHARGEABLE THIN FILM SOLID ELECTROLYTE BATTERY#
 BY: MROUDICH, J. N. BRAMHALL, P. J.
 PROCEEDINGS OF THE ARMY SCIENCE CONFERENCE, WEST POINT, N.Y., JUNE 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 587 POLYMER FORMATION IN IRRADIATED LIQUID PYRIDINE#
 BY: PEARCE, C. K. ELLISON, J. E.
 JOURNAL OF PHYSICAL CHEMISTRY, MAY 1966
 ORDERING CODE: 1 AD-684 461, ANSEL-XL-D

- 588 DYNAMIC POLARIZATION IN HEXAFLUOROBENZENE SOLUTIONS#
 BY: POINDEXTER, E. M. STEWART, J. R. RUNSE, R. J.
 THOMPSON, D. C.
 JOURNAL OF CHEMICAL PHYSICS, MAY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 589 SCINTILLATION DETECTORS#
 BY: RAMM, M. J.
 RADIATION DOSIMETRY II, ACADEMIC PRESS, DECEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-T
- 590 TWO-LEVEL SYSTEM WITH DISSIPATION-- OFF RESONANCE AMPLIFICATION AT N
 UNEQUILIBRIUM POSITIVE TEMPERATURES#
 BY: SENITZKY, I. R.
 THE PHYSICAL REVIEW, FEBRUARY 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 591 FURTHER DISCUSSION OF A FUNDAMENTAL THEOREM IN QUANTUM OPTICS#
 BY: SENITZKY, I. R.
 PHYSICAL REVIEW LETTER, APRIL 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 592 ELECTRON PROBE MICRO-ANALYSIS OF ZINC-BEARING HEXAGONAL FERRITES, AD
 VANCES IN X-RAY ANALYSIS#
 BY: SHAPPIRO, J. R.
 VOL 9, PLENUM PRESS, 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 593 NUCLEAR RESONANCE SPIN ECHO STUDY OF 61NI HYPERFINE FIELDS IN FERRUM
 MAGNETIC NI-AL, NI-V, AND NI-CR SYSTEMS#
 BY: STREEVER, H. L. URIANO, G. A.
 THE PHYSICAL REVIEW, SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 594 DESIGN PARAMETERS FOR INERT GAS VACUUM VALVES DURING OPENING AND CLO
 SING#
 BY: SULLIVAN, J. J. SCHULTZ, J. B.
 RESEARCH/DEVELOPMENT, SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 595 PRESSURE BURSTS IN BAKEABLE ULTRA-HIGH VACUUM VALVES DURING OPENING
 AND CLOSING#
 BY: BUSER, H. G. SULLIVAN, J. J.
 PUBLISHED IN VACUUM, PERGAMON PRESS, AUGUST 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 596 THE EFFECT OF GAS TEMPERATURE ON ELECTRON TEMPERATURE AND RECOMBINAT
 ION IN DENSE HELIUM AFTERGLOW PLASMAS#
 BY: BUSER, H. G.
 GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, 12-14 OCTOBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 597 A REVIEW OF THE ARMY'S PROGRAM IN THE FIELD OF LASER PROPAGATIONS#
 BY: BUSER, H. G. BORN, G. K.
 LASER ADVISORY GROUP, FORT BELVOIR, VA., 13-14 SEPTEMBER 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 598 MEASUREMENTS WITH AN OPTICAL BEAM WAVEGUIDE#
 BY: CHRISTIAN, J. R. GOUBAU, G. HINK, J.
 USMC-URSI SPRING MEETING, WASHINGTON, D. C., 19 APRIL 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 599 OBSERVATIONS OF SUB UNIT CELL STACKING ELEMENTS IN POLYTYPIC FORMS B
 Y ELECTRON MICROSCOPY#
 BY: COOK, C. F.
 AMERICAN CRYSTALLOGRAPHIC ASSOCIATION, UNIVERSITY OF TEXAS, AUSTIN,
 TEXAS, 28 FEBRUARY-3 MARCH 1966
 ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D

- 600 A NEW TECHNIQUE FOR HIGH MAGNIFICATION CALIBRATION OF AN ELECTRON MI
CROSCOPE#
BY: COOK, C. F.
ELECTRON MICROSCOPE SOCIETY OF AMERICA, SAN FRANCISCO, CALIF.,
22-25 AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 601 MORPHOLOGICAL FEATURES OF HEXAGONAL FERRITES#
BY: COOK, C. F. NYE, W. F.
INTERNATIONAL CONFERENCE ON CHARACTERIZATION OF MATERIALS, PENNSYLVANIA
STATE UNIVERSITY, UNIVERSITY PARK, PA., 16-18 NOVEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 602 LEAST SQUARES DETERMINATION OF THE ELASTIC CONSTANTS OF SODIUM CHLOR
IDE AND GRAPHITE#
BY: DEBRETTEVILLE, A. P. PAPADAKIS, E. P.
ULTRASONICS SYMPOSIUM, CLEVELAND, 12-13 OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 603 POLARIZATION VARIATION OF SATELLITE-EMITTED RADIO SIGNALS#
BY: SOICHER, H. VOGT, G. F.
JOURNAL OF GEOPHYSICAL RESEARCH, SEPTEMBER 1966
ORDERING CODE: 3 AD-630 192, ANSEL-XL-D
- 604 DISCUSSION OF A PAPER BY P.C. YEN AND T.W. ROELOFS: DIURNAL VARIATIO
N OF THE IONOSPHERIC TOTAL ELECTRON CONTE
BY: ARENDT, P. R. SOICHER, H.
JOURNAL OF GEOPHYSICAL RESEARCH, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 605 CRITERION FOR APPLICATION OF THE DIFFERENTIAL DOPPLER#
BY: ARENDT, P. R.
NATURE, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 606 GROWTH OF HEXAGONAL FERRITE CRYSTALS BY A MODIFIED PULLING TECHNIQUE

BY: AUCCINI, T. R. SAVAGE, R. O.
JOURNAL OF APPLIED PHYSICS, JUNE 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 607 CHARGE CARRIER COLLECTION FROM INSIDE AND OUTSIDE THE SPACE CHARGE R
EGION#
BY: BASSO, M. J.
NUCLEAR SCIENCE AND ENGINEERING, VOL. 25, 1966
ORDERING CODE: 1 AD-633 774, ANSEL-XL-D
- 608 INTEGRO DIFFERENTIAL DELAY EQUATIONS OF POSITIVE TYPE#
BY: BIRKHOFF, G. KOTIN, L.
JOURNAL OF DIFFERENTIAL EQUATIONS, JULY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 609 ASYMPTOTIC BEHAVIOR OF SOLUTIONS OF FIRST-ORDER LINEAR DIFFERENTIAL
DELAY EQUATIONS#
BY: BIRKHOFF, G. KOTIN, L.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, JANUARY 1966
ORDERING CODE: 1 AD-633 807, ANSEL-XL-D
- 610 THE NATURE OF WORLDWIDE GEOMAGNETIC DISTURBANCES GENERATED BY THE ST
ARFISH EXPLOSION OF 9 JULY 1962#
BY: BONKE, H. A. HARRIS, A. K. WALKER, J. W.
RAMM, W. J.
JOURNAL OF GEOPHYSICAL RESEARCH, JUNE 1966
ORDERING CODE: 1 AD-635 747, ANSEL-XL-D
- 611 DETERMINATION OF THE GAS TEMPERATURE IN THE AFTERGLOW OF PULSED DISC
CHARGES BY MICROWAVE PROBING OF STANDING A
BY: BORN, G. K. BUSER, R. G.
JOURNAL OF APPLIED PHYSICS, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D

- 612 N DEGENERATE MODES
BY: BRUCH, L.
JOURNAL OF MATHEMATICAL PHYSICS, SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 613 IMPROVED WIDE BAND VHF WHIP ANTENNAS
BY: BRUECKMANN, M.
IEEE TRANSACTIONS ON VEHICULAR COMMUNICATIONS, OCTOBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 614 LASER PUMPING BY INTENSE DISCHARGES IN ZEPHYRUS GEOMETRY
BY: BUSER, R. G. RAMM, D.
JOURNAL OF APPLIED OPTICS, APRIL 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 615 SHOCKWAVE GENERATED PLASMAS AS LIGHT SOURCE FOR OPTICAL PUMPING
BY: BUSER, R. G. PAPAYIOANOU, A. RAMM, D.
JOURNAL OF APPLIED PHYSICS, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 616 FM RECEIVER MEASURES FIELD INTENSITY
BY: CZERNINSKI, M.
IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, SEPTEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 617 ON A FORESHORTENED CENTER-FED WHIP ANTENNA
BY: CZERNINSKI, M.
IEEE TRANSACTIONS ON VEHICULAR COMMUNICATIONS
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 618 LEAST SQUARES DETERMINATION OF THE ELASTIC CONSTANTS OF ANTIMONY AND BISMUTH
BY: DEBRETTEVILLE, A. P. BOHEN, E. BALLATO, A. D.
GREENBERG, I. N. EPSTEIN, S.
THE PHYSICAL REVIEW, AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 619 EXPONENTIAL SOLUTIONS OF LINEAR SYSTEMS OF DIFFERENTIAL EQUATIONS WH
OSE COEFFICIENT MATRIX IS SKEN SYMMETRIC
BY: EPSTEIN, I. J.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY
ORDERING CODE: 3 AD UNKNOWN, ANSEL-KL-S
- 620 GROWTH AND IMPURITY EFFECTS ON FLUORESCENCE AND REDUCTION OF $CaF_2:Sm^{3+}, Y_2^{3+}$
BY: EMANIZKY, T. THEISSING, H.
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- 621 PHENACITE SPINEL TRANSITION IN LIALGEO
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JOURNAL OF THE AMERICAN CERAMIC SOCIETY
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 622 LENSES GUIDE OPTICAL FREQUENCIES TO LOW LOSS TRANSMISSION
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ELECTRONICS, MAY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 623 CRYSTAL FIELD TERM SYMBOLS FOR ND_3^+ IN $CaWO_4$
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JOURNAL OF CHEMICAL PHYSICS, DECEMBER 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 624 ALKALIC ROCKS AND CARBONATITES OF THE ARKANSAS RIVER CANYON, FREMONT COUNTY, COLORADO
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THE ANHYSTH CARBONATITES, AMERICAN MINERALOGIST, JULY 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D

- 625 CALCULATION OF IONIZATION POTENTIAL OF AL AND Si+ USING A PSEUDOCOME
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JOURNAL OF CHEMICAL PHYSICS, AUGUST 1966
ORDERING CODE: 3 AD UNKNOWN, ANSEL-XL-D
- 626 EXPERIMENTAL RESULTS OF VLF DIPOLE TESTS ON THE GREENLAND ICE CAP
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RADIO SCIENCE, AUGUST 1966
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- 627 RESEARCH STUDY IN DIGITAL COMMUNICATION CODES
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- 628 REMOVAL OF HYDROGEN IMPURITIES IN CLOSED NOBLE GAS DISCHARGE SYSTEMS
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- 634 DEPENDENCE OF PULSE AMPLITUDE AND POLARITY ON POSITION OF ENTRY IN A
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- 643 SURFACE PROPERTIES OF ATOMICALLY CLEAN METALS AND SEMICONDUCTORS
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- 644 STUDIES OF FILMS IN THE SUPERCONDUCTIVE AND NORMAL PHASES
BY: RUTGERS UNIVERSITY
FINAL REPORT, CONTRACT DA 36-039 SC-90821, NOVEMBER 1966
ORDERING CODE: 1 AD-641 992, ANSEL-XL-E
- 645 SOLID STATE RADIATION-INDUCED PHENOMENA
BY: RADIATION AND SOLID STATE LAB.
FINAL REPORT, CONTRACT DA-28-043-SC-90689, JANUARY 1966
ORDERING CODE: 1 AD-688 861, ANSEL-XL-E
- 646 PARAMAGNETIC RESONANCE IN THE SOLID STATE
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FINAL REPORT, CONTRACT DA-36-039-SC-89074, MAY 1966
ORDERING CODE: 1 AD-683 240, ANSEL-XL-E

ECOM Headquarters

- 647 A CHIEF SCIENTIST'S LOOK AT THE DEFENSE TEAM
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SIGNAL MAGAZINE, JULY 1966
- 648 SELECTIVE DISSEMINATION OF INFORMATION AT ECOM
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REDSTONE ARSENAL, ALABAMA, 15-17 NOVEMBER 1967
ORDERING CODE: 1 AD-642 808, ANSEL-ID-T

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- 649 HEAR SIGNAL BOOSTERS
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