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CONSOLIDATED TRANSLATION SURVEY.

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CONSOLIDATED TRANSLATION SURVEY

FOR DECEMBER 1968

TABLE OF CONTENTS

	<u>Page</u>
Preface	iii
Requests for Copies	iv
USSR	
Economic	1
Political	4
Military	5
Sociological	6
Eastern Europe	
Economic	7
Political	11
Military	12
Geographic	12
Sociological	12
Western Europe	
Economic	13
Political	13
Military	15
Africa	
Economic	15
Political	15
Sociological	16
Middle East	
Economic	16
Political	17
Sociological	17
Far East	
Economic	18
Political	18
Military	20
Sociological	20

	<u>Page</u>
Latin America	
Economic	20
Political	21
Military	24
Sociological	24
Biographic	24
Scientific	
Aeronautics	25
Agriculture	26
Astronomy & Astrophysics	28
Atmospheric Sciences	28
Behavioral & Social Sciences	29
Biological & Medical Sciences	29
Chemistry	35
Earth Science & Oceanography	44
Electronics & Electrical Engineering	47
Energy Conversion (Non-Propulsive)	53
Materials	54
Mathematical Sciences	61
Mechanical, Industrial, Civil & Marine Engineering	63
Methods & Equipment	67
Navigation, Communications, Detection & Countermeasures	68
Nuclear Science & Technology	70
Physics	71
Propulsion & Fuels	79
Space Technology	80
Miscellaneous	81
Information on Cover-to-Cover Translations	85
Index to Authors	155

CONSOLIDATED TRANSLATION SURVEY

PREFACE

↙ This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date of publication, and publication identifications of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, ~~i.e., not completed as of the date of this survey,~~ are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable on such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.



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(see CFSTI)

ACSI - (see DIA)

AEC - Atomic Energy Commission (see CFSTI)

AFCRL Res Lib

Air Force Cambridge Research Laboratories
Research Library
Office of Aerospace Research
United States Air Force
Laurence G. Hanscom Field
Bedford, Massachusetts
ATTN: CRMCLR

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington, D. C. 20005

AIP

American Institute of Physics
335 East 45th Street
New York, New York 10017

ANL - Argonne National Laboratory, Illinois
(see AEC)

APL/JHU

Applied Physics Laboratory
The Johns Hopkins University
8621 Georgia Avenue
Silver Spring, Maryland 20910

ATS

Associated Technical Services, Incorporated
P.O. Box 271
East Orange, New Jersey 07017

BISI

**British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4 Grosvenor Gardens
London, S.W. 1, England**

CB

**Consultants Burea Enterprises, Incorporated
227 West 17th Street
New York, New York 10011**

CFSTI

**Clearinghouse for Federal Scientific and
Technical Information (Formerly Office of
Technical Services)
Port Royal and Braddock Roads
Springfield, Virginia 22151**

CTT

**Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600**

DIA

**Defense Intelligence Agency
Washington, D. C. 20301**

FP

**The Faraday Press, Incorporated
84 Fifth Avenue
New York, New York 10011**

FSTC - Foreign Science & Technology Center

**Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314**

FTD - Foreign Technology Division

**Defense Documentation Center
Cameron Station
Alexandria, Virginia 22314**

HB

Henry Brutcher Technical Translations
P.O. Box 157
Altadena, California 91001

IEEE

Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

JPRS

U.S. Department of Commerce
Clearinghouse for Federal Scientific
and Technical Information
Joint Publications Research Service
Building Tempo E
East Adams Drive, 4th & 6th Streets, SW
Washington, D. C. 20443

Maritime Admin

Maritime Administration
Office Services
GAO, 5th & G Streets, NW
Washington, D. C.

NASA

National Aeronautics and Space Administration
1512 H Street, NW
Washington, D. C. 20546

NIC

Naval Intelligence Command
Naval Intelligence Command Headquarters
NIC-15
Washington, D. C. 20350

NOO

U.S. Naval Oceanographic Office
Code 4400
Washington, D. C. 20390

ORNL - Oak Ridge National Laboratory (see AEC)

PG

Petroleum Geology
P.O. Box 171
McLean, Virginia 22101

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Department of Commerce, Patent Office
Scientific Library
14th and Constitution Avenue, NW
Washington, D. C.

Primary Sources

Primary Sources
11 Bleecker Street
New York, New York 10012

RSIC - Defense Documentation Center, Redstone
Scientific Information Center
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USSR

Economic

Prefabricated Reinforced Concrete Industry Grows, by N. P. Dudorov, 10 pp.
RUSSIAN, per, Beton i Zhalesobeton, Moscow, No 9, 1968, pp 2-7.
JPRS 46836

Prestressed Reinforced Concrete Industry Analyzed, by S. A. Ivanov, 6 pp.
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JPRS 46836

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JPRS 46899

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JPRS 46899

Report on Routine Session of Methodological Council, 7 pp.
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JPRS 46899

Improved Credit for Plant and Branch, by G. Abramov, 10 pp.
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JPRS 46,881

Economic Cooperation Between GDR and USSR, by Horst Bittner, 5pp.
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JPRS 46899

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JPRS 46,923

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JPRS 46,870

Industrial Development of Siberia Discussed, by G. L. Tarasov, 12 pp.
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Growth of Siberian Industrial Potential Cited, by F. A. Saturin, 13 pp.
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The Large Scale Chemical Industry of Belorussia, by S. Markovich, 9 pp.
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Economic (Contd)

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p 2.
DIA LN 420-69

To Develop Forging-Stamping Industry Further,
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Proizvodstvo, Moscow, No 9, 1968, pp 1-3.
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Determining Production Stock Standards, by
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Snabzheniye, Moscow, Sept 1968, pp 29-37.
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Economic (Contd)

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6 pp.
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the Working Conditions for the Volga-Baltic
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p 2.
JPRS 46,794

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Oct 1968, p 19
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5 Sept 1968, pp 2-3.
JPRS 46,809

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munist, by V. Stepanov, 18 pp.
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Sept 1968, pp 14-23.
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by F. Petrenko, 13 pp.
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Oct 1968, pp 12-20.
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Fiftieth Finnish CP Anniversary Hailed, by
Ville Pessi, 5 pp.
RUSSIAN, np, Pravda, Moscow, 24 Aug 1958, p 5.
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Revolutionary Traditions Passed to Youth, by
R. Mikolayev, 5 pp.
RUSSIAN, np, Pravda, Moscow, 3 Sept 1968, p 2.
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Improving Political Education in Komsomol,
by A. Kamahlov, 5 pp.
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p 2.
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Proposals to Raise Effectiveness of Party Meetings,
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JPRS 46,809

Party Guidance of Komsomol in Georgia Needed, by V. P. Mshavanedse, 14 pp.
RUSSIAN, np, Zarya Vostoka, Tbilisi, 9 Oct 1968, pp 1-2.
JPRS 46900

Military

V. I. Lenin, Founder of Soviet Military Science, by N. Asovtsev, V. Kozlov, 12 pp.
RUSSIAN, per, Kommunist Voorushennykh Sil, Moscow, Sept 1968, pp 13-19.
JPRS 46,795

Training of Fliers for Emergency Situations, by A. Mashkin, I. Ivanov, 10 pp.
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JPRS 46,795

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NATO Strategists Maneuver, by B. Mikhaylov, 10 pp.
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JPRS 46,795

Staff Officer Field Training Stressed, by M. Nikitin, 7 pp.
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Imperialism's Local Warfare, 1946-1968, by V. Matsulenko, 19 pp.
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JPRS 46,795

Role of Komsomol in Armed Forces Stressed, by G. Shatunov, 7 pp.
RUSSIAN, per, Voyennyye Znaniya, Moscow, No 9, 1968, pp 1-2.
JPRS 46,811

Preparation of Civilian Youth for Service, by I. Pavlovskiy, 6 pp.
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JPRS 46,811

Civil Defense Training in Secondary Schools, by A. A. Sychev, 6 pp.
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A Plant Civil Defense Exercise Described, by A. Strigin, 7 pp.
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JPRS 46,811

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Secondary School Civil Defense Curriculum,
7 pp.
RUSSIAN, per, Voyennyye Znaniya, Moscow,
No 9, 1968, pp 26-27.
JPRS 46,811

Sociological

Young Workers Denied Opportunities in Plants,
by M. Garin, 5 pp.
RUSSIAN, np, Izvestiya, Moscow, 11 Oct 1968,
p 3.
JPRS 46,794

Round Table on Problems of East Kazakhstan,
by A. Yershov, V. Svonchanskiy, 9 pp.
RUSSIAN, np, Kazakhstanskaya Pravda, Alma-Ata,
29 Sept 1968, p 2; 4 Oct 1968, p 2.
JPRS 46,794

Prevention of Juvenile Crime is Public Concern,
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RUSSIAN, np, Kazakhstanskaya Pravda, Alma-Ata,
2 Oct 1968, p 2.
JPRS 46,814

Description of Life in the North of the USSR,
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RUSSIAN, per, Novyy Mir, Moscow, Jun 1968,
pp 228-237.
JPRS 46,794

Education Minister Addresses Teachers Congress,
by M. A. Prokof'yev, 29 pp.
RUSSIAN, per, Narodnoye Obrazovaniye, Moscow,
No 7, 1968, pp 12-26.
JPRS 46,796

System of Physico-Technical Institute
Described, by O. Balotserkovskiy, 6 pp.
RUSSIAN, np, Pravda, Moscow, 11 Aug 1968,
p 3.
JPRS 46,796

Film and Television Valued for Educational Role,
by Ya. Yanov, 5 pp.
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JPRS 46909

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Sociological (Contd)

Theater Preserves Genuine Values of Dramatic
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JPRS 46900

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by V. Yelyutin, 6 pp.
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JPRS 46909

Results of Entrance Tests for Technical
School, by S. I. Radautsan, 6 pp.
RUSSIAN, np, Sovetskaya Moldaviya, Kishinev,
19 Sept 1968, p 2.
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1968, pp 2, 4.
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p 11.
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Vol 13, No 6, Dec 1968

	Page
J. Trąbka: Role of the Corpus Callosum	1
L. Szawdyn: Effect of Respiratory Neurons of the Vagus Nerve on the Bioelectric Activity of Phrenic Neurons	10
E. Bystrzycka: Studies on the Experimental Electroanesthesia	22
S. Barański, Z. Edelwejn: Studies on the Combined Effect of Microwaves and Some Drugs on Bioelectric Activity of the Rabbit Central Nervous System	31
E. Miętkiewski, B. Koźmicki, K. Narozniak: Effect of High Serotonin Doses on the Number and Lifetime of Rabbit Erythrocytes	42
E. Miętkiewski, B. Koźmicki: Effect of High Serotonin Doses on the Activity of the Rabbit Reticuloendothelial System	48
T. Dorobisz, S. Palider: Hemodynamics of the Renal Blood Circulation in Experimental Hemorrhagic Shock	53
J. Dębowy, W. Łój, T. Garbaliński: Neurohormone-Induced Changes in Blood Flow of the Phrenic Artery	62
T. Garbaliński, J. Dębowy, W. Łój, Z. Bubiś: Heart ATP and Phosphocreatine in Adrenalinemia following Vagotomy	68
A. Zajac: Effect of Post-Insulin Hypoglycemia on Urine Excretion of 5-Hydroxyindolacetic Acid (5-HIAA) in Rabbits	73
D. Koźmierska-Grodzka, A. Danysz: Studies on the Effectiveness of EACA and PAMBA in States of Increased Intracellular Proteolysis	76
E. Kopystecki, K. Kiczka, H. Kuleszo: Application of the Tape-Recorder for Simultaneous Double-Channel Recording in Electrophysiological Investigations	83
E. Kopystecki, K. Kiczka, H. Kuleszo: Pre-amplifier for Recording Action Potentials	90
T. Chruściel, Z. Herman, S. Pojda, A. Plech, R. Brus, M. Mai, D. Habczyńska, C. Ważna-Boguńska: Effect of Guanoxan and Isocarboxazide on Atherosclerotic Lesions induced Experimentally in White Rats	95
R. Tomaszewski, W. Kądziela: Application of a D. C. Amplifier with Radio-Frequency Output for Monitoring of the Stimulating Current Intensity	105
W. Tuganowski: Cathode Follower with Compensation of Input Capacity	112
A. Przybylski: Method of Recording the Bronchial Muscle Constriction <i>in Vivo</i> . Modification of the Konzett-Rössler Method	117
H. Gromysz: Practical Aspects of Production and Evaluation of Glass Ultra-microelectrodes	125

Available From CFSTI TT 68-50008/1

M. Bieganowska, L. Kuczyński: Synthesis of New Pyridylpropanolamine Derivatives	1
M. Bieganowska: Thiosemicarbazones of Some Pyridine Derivatives	8
B. Kotelko: Synthesis of Hexahydro-1,4-oxazepine Derivatives with Expected Pharmacological Activity. II. Derivatives of Hexahydro-1,4-oxazepine Containing Groupings of Known Pharmacological Action	14
K. Maroszyńska, T. Lipsiec: Colorimetric Determination of L-Aspartic Acid beta-Hydrazide (HKA) with Cu II Ions	21
J. Weyers, H. Górniak: Determination of Gold in Pharmaceuticals	24
K. Kalinowski, F. Członkowski: Iodometric Determination of Phenoxy-methylpenicillin	28
R. Danielak, Z. Nowakowska, H. Rafałowska: Partition of Certain Composed Preparations with Column Chromatography Method. Part. II. Partition of 1-N-methylpiperidyl-(4)-3-phenyl-4-ethylpyrazoline-(5-piperylone) and sodium salt of (4-methylamino-2,3-dimethyl-1-phenyl-pyrazoline-5) metasulfonic acid (pyralgine) and their determination	32
Z. Gawrych, T. Pomazańska: Detection of Decomposition Products in Diuretic Drugs of the Type of Hydrochlorothiazide	37
W. Reszko-Turska, T. Walcicka: Determination of Theophylline, Caffeine and Ephedrine Hydrochloride Present in the Preparation Belladrinal tablets	42
M. Pawełczak: Determination of Soluble Orthophosphates in Pharmaceutical Preparations with Volumetric Methods	49
W. Wiśniewski, T. Kindlik: Modified Polish Pharmacopoeia III Method for the Determination of Actual Procainamide Content	53
W. Wiśniewski, Z. Furmańczyk, E. Paśnik: Attempt at Preserving Novocain Injection Solution from Formation of Aniline	58
H. Nerlo, W. Czarnecki, E. Polowantuk: Identification and Determination of Vitamin E in Wheat Sprouts, Corn and Bran	62
O. Kostecka-Mądalska, Z. Kudrewicz-Hubicka, W. Mejbaum-Katzenellenbogen: Investigation on Tannins of Polygonum Coriartum Grig.	67
M. Ziętek, J. Fidelus: Assays of 3-(α -Phenyl- β -acetyloethyl)-4-hydroxycoumarin in Blood, Serum and Plasma	74
M. Trojanowska: Formation of „Endogenous” Alcohol in the Blood Sampled from Alive Human Subjects, and Contaminated with the Blood of Cadavers	78
W. Woźniak, B. Szeptiewska: Utilisation of Some Strains of Lactic Acid Bacteria for Microbiological Determination of Amino Acids	82
J. Brzeziński: Rate of Amphetamine Absorption and Excretion in Rats	89
T. L. Chruściel, Z. S. Herman, A. Końca, H. Wolny: Studies on Effects of Boradioxacyclopentane and Boradioxacyclohexane Derivatives on Animals' Behavior	96

Available From CFSTI TT 68-50003/1

AUTOMATION and REMOTE CONTROL

A translation of *Avtomatika i Telemekhanika*

Number 4

April, 1968

CONTENTS

	Engl./Russ.	
CONTINUOUS CONTROL SYSTEMS		
Energy Stability Criteria—C. Lefevre and J. Richalet	531	5
Necessary and Sufficient Conditions for Weak Invariance—M. M. Khrustalev	540	17
Optimization of a Multidimensional Closed System for an Object with a Rectangular Transfer Matrix—V. Ya. Katkovnik	545	23
Application of the Kolmogorov Equations for the Analysis of Stochastic Processes in Variable-Structure Systems—A. K. Nikitin and G. M. Ulanov	554	34
Optimum Maintenance Structure for Systems Involving Elements of Differing Types—V. A. Lototskii, A. L. Raikin, and Yu. P. Savitskii	561	42
DISCRETE SYSTEMS		
Approximate Analysis of Combined Pulse-Relay Control System—M. V. Starikova	567	49
ADAPTIVE SYSTEMS		
Application of Chaplygin Theorem to Synthesis of Self-Adaptive Circuit Parameters of Systems Utilizing the Knowledge of the Amplitude-Frequency Characteristic—V. Yu. Rutkovskii and V. N. Sorin-Chaikov	578	62
AUTOMATA		
Languages, Grammars, and Abstract Automata Models. I. (Survey)—L. A. Gusev and I. M. Smirnova	587	72
Algorithms with Complete Memory and Recurrent Algorithms in Pattern Recognition Learning—V. N. Vapnik and A. Ya. Chervonenkis	606	95
Convergence of Certain Training Algorithms for Adaptive Threshold Elements with Nonideal Weight Components—A. A. Romashchev	617	107
TECHNICAL MEANS		
Dynamic Properties of Electrohydraulic Servomechanisms Having a Variable Structure—A. R. Kazbekov and I. M. Krassov	622	112
REMOTE CONTROL AND INFORMATION SYSTEMS		
Remote Control System for Information Exchange between a Control Computer and Technological Plants of an Industrial Enterprise—M. L. Portnov and A. M. Pshenichnikov	629	120
Interval Protection in Pulsed Telemetry Systems Using a Phase Autocorrelation Method of Reception—P. S. Davydov and G. A. Utkina	638	131
Magnetic Pulse-Width Modulator and Its Application in Analog Information Processing—O. G. Kasatkin	645	139
COMPUTING TECHNIQUES IN AUTOMATIC CONTROL		
Combined Method for Visual Display of Machine Alphabet—V. S. Govorov	653	149 (Contd.)

Available From Consultants Bureau

CONTENTS

(continued)

AVTOMATIKA I TELEMEXHANIKA
No 4, 1968

Engl./Russ.

CONTROL-OBJECT MODELS**Identification Algorithms Realized by Use of Parametric Control Systems**

- S. A. Doganovskii	658	155
Determination of the Dynamic Characteristics of a Controlled System in Its Normal Functioning State -V. V. Slatin	668	166

TECHNICAL NOTES**Plans for Determining Periodic Regimes in Nonlinear Automated Control Systems**

- Yu. A. Butko and Yu. O. Shterenberg	676	174
Choice of Optimum Optron Parameters -V. G. Zhukovskii and V. A. Orlov	684	182
Method of Transfer Control of Harmonic-Frequency Multistable Elements -A. A. Molchanov	688	186
Boundaries of the Region of Values of the Mean Reduced Error for Pulse-Code Telemetry Systems -A. S. Smirnov	691	189

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AUTOMATION and REMOTE CONTROL

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CONTENTS

	Engl./Russ.	
CONTINUOUS CONTROL SYSTEMS		
Design of Stable Linear Control Systems—E. Ya. Smirnov	695	5
Stability Conditions for a Diffusion System with Nonlinear Feedback Controls—P. K. C. Wang	699	10
Determination of Influence Functions for Constructing Improving Variations of the Control Functions and Parameters of Dynamic Systems with Discontinuous Right-Hand Sides—I. O. Mel's	712	24
DISCRETE SYSTEMS		
Property of Transfer Functions of a Control Device—P. V. Nadezhdin	722	35
ADAPTIVE SYSTEMS		
Stability of Self-Adjusting Systems with Stabilized Frequency Response—V. I. Kukhtenko, V. E. Mityurina, and V. A. Orlov	732	46
Simplification of Sensitivity Models in the Design of Self-Adjusting and Adaptive Systems—M. P. Sakharov	743	58
LARGE-SCALE SYSTEMS		
Problem of Allocating Orders in a Materials Supply System—B. S. Razumikhin	748	64
AUTOMATA		
Languages, Grammars, and Abstract Automata Models. II (Survey)—L. A. Gusev and I. M. Smirnova	757	73
Classification and Statistical Testing of Hypotheses. II—Yu. P. Leonov	775	95
Method for the Decomposition of Finite Automata—A. K. Grigoryan	780	101
TECHNICAL MEANS		
Dynamics of a Hydraulic Actuator with Nonlinear Damping Properties (Small Self Oscillations at "Creeping" Velocities)—V. N. Prokof'ev	788	110
Multichannel Automatic Optimizer with Variable Frequency of the Modulating Actions—S. N. Makarovskii	800	124
Variable Sign of the Static Error of Voltage Regulators—Yu. Ya. Duvavinskii	805	130
COMPUTING TECHNIQUES IN AUTOMATIC CONTROL		
Optimal Composition of Production Monitoring and Control Programs—É. L. Itskovich and É. A. Trakhtengera	810	135
Iterative and Homogeneous Planar Structures and the Corresponding Graphs—I. V. Prangishvili	818	145
Switching-Function Synthesis in Certain Types of Homogeneous Structures—V. V. Ignatovichenko	826	155

(Contd)

Available From Consultants Bureau

TECHNICAL NOTES

Supplement to the Article "Search Activity of Muscles Enclosed in an Artificial Feedback" [1] - L. M. Zakharova and A. I. Litvinnev	835	166
Circuit Analysis of a Parametric Voltage Regulator Supplied by Pulsating Current - Yu. Ya. Brevde	839	170
Hybrid Digital Converters - E. G. Dulepov and A. S. Esipov	843	174

CHRONICLES OF THE IFAC

Second International IFAC Symposium on Control in Cosmic, Undersea, and Subterranean Space - I. N. Vasil'ev	845	176
--	-----	-----

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DOKLADY PHYSICAL CHEMISTRY

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CONTENTS

Engl./Russ.

Electron-Diffraction Investigation of the Structure of the Cumol and Phenylcyclobutane Molecules—L. V. Vil'kov, N. I. Sadova, and S. S. Mochalov	225	896
Spectral Method for Determining the Product of Copolymerization Constants—A. L. Gol'denberg and S. G. Lyubetskii	229	900
Analysis of Polarograms for Irreversible Reactions—A. V. Gorodyskii and Yu. K. Delimanskii	233	904
Orienting Effect of the Aqueous Phase on the Structure of an Emulsion Polymer Containing Polar Groups—V. I. Eliaseva, N. G. Zharkova, É. I. Evko, and V. M. Luk'yanovich	236	908
Optical Properties and Nature of Electron Capture in Glassy Aqueous Electrolyte Solutions γ -Irradiated at -196°C —B. G. Enshov, O. F. Khodzhaev, and A. K. Pikaev	240	911
Elastic-Plastic Properties of Boundary Layers in the System Petroleum—Water and the Effect of Demulsifiers on Them—U. Sh. Kurbanov	243	915
Thermal Effect of Intramolecular Dissolution (Solubilization) of Hydrocarbons in Aqueous Sodium Oleate Solutions—Z. N. Markina, É. V. Rybakova, A. V. Chinnikova, and P. A. Rebinder	246	918
Activation Energy of Ionization in Acetylene—Air Flames—V. I. Tverdokhlebov and N. N. Chirkin	248	921
Measurements of the Enthalpy of Formation of Barium Hydride—A. F. Vorob'ev, A. S. Monastirskaya, and S. M. Skuratov	250	1129
The Occurrence of Disperse Microheterogeneous Systems in the Synthesis of Three-Dimensional Polymers—T. A. Vorob'eva, A. A. Ryabova, and I. N. Vlodavets	253	1133
Application of the Method of Molecular Orbitals in the Huckel Approximation to the Study of the Lactim—Lactam Tautomeric Equilibrium—V. P. Zvolinskii, M. E. Perel'son, and Yu. N. Sheinker	257	1137
Electrochemical Reduction of Esters of Aromatic Carboxylic Acids and the EPR Spectra of the Resulting Anion-Radicals—A. V. Il'yasov, Yu. M. Kargin, Ya. A. Levin, I. D. Morozova, and N. N. Sotnikova	260	1141
Development of Molecular Condensation Nuclei and Conditions for Its Observation—Ya. I. Kogan, L. E. Donetskaya, L. N. Pavlov, and E. N. Rybin	263	1145
Kinetics of Hydrogen Atom Recombination on Various Oriented Surfaces of a Silicon Single Crystal—V. A. Lavrenko, V. L. Tikush, I. N. Frantsevich, L. I. Datsenko, and A. A. Chekhovskii	267	1149
Change in the Selectivity of Neodymium Oxide on Irradiation with Neutrons in the Decomposition of Isopropanol—Vikt. Spitsyn, G. N. Pirogova, and R. I. Korosteleva	270	1152
Specific Polymer—Solvent Interaction during Crystallization and Establishment of a Supermolecular Ordering—A. Ya. Frenkel', V. G. Baranov, b. M. Ginsburg, and G. K. El'yashevich	273	1155

(Contd)

Available From Consultants Bureau

	Engl./Russ.
Activity of Carbon in Liquid Iron—L. A. Shvartsman and I. A. Tomilin	276 1159
New Possible Mechanism of Unsteady Flow of Molten Polymers—G. V. Vinogradov, A. Ya. Malkin, E. K. Borisenkova, B. V. Yarlykov, and V. A. Kargin	280 1366
Activation Energy of Formation of the CH, C ₂ and OH Excited Radicals in an Acetylene— Air Flame—L. N. Glushko and V. I. Tverdokhlebov	283 1370
Measurement of the Potential Barrier Preventing the Adhesion of Metallic Surfaces in Electrolyte Solutions—B. V. Deryagin and Ya. I. Rabinovich	286 1373
The Dependence of the Polymerization of Styrene in the Presence of a Mixture of Ionogenic and Nonionic Emulsifiers on the Bulk Properties of Their Solutions—A. V. Zuikov, T. S. Solov'eva, R. M. Panich, I. A. Gritskova, and S. S. Medvedev	289 1377
Photoreduction of Aqueous Riboflavin Solutions—L. I. Korshunov, Ya. M. Zolotovitskii, V. A. Benderskii, and L. A. Blyumenfel'd	293 1381
The Mechanism and Products of the Radiolysis of α -Methyl-D-Glucoside—N. K. Kochetkov, L. I. Kudryashov, M. A. Chlenov, and O. S. Chizhov	297 1385
The Vibrational Spectra and Rotational Isomerism of Trans-1,4-Diiodocyclohexane —A. B. Remizov and L. M. Sverdlov	301 1389
Ionic Forms of Hydrogels and Structure of Globules of Xerogels of Polysilicic Acid —V. V. Strelko, B. M. Mitsyuk, A. I. Kazantseva, and Z. Z. Vysotskii	304 1392
Temperature Coefficient of Partial Specific Volume and Conformation of Polymeric Molecules—V. E. Éskin and I. N. Serdyuk	307 1396

The Russian press dates (podpisano k pečati) of the first and last issues covered in this issue of the translation were, respectively, 3/24/1968 and 4/12/1968. Publication of the material translated in this issue therefore is known to have occurred not prior to the earlier of these dates, but must be assumed to have taken place at intervals starting reasonably soon after this date and ending shortly after the later date.

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A translation of *Élektrokimiya*

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April, 1968

CONTENTS

	Engl./Russ.
Role of Protons in the Electrochemical Reactions of Oxides—P. D. Lukovtsev	337 379
Investigation of Photoelectrochemical Processes on ZnO Electrodes. II. Electrochemical and Photoelectrochemical Reduction of Oxygen—D. M. Shub, V. P. Pakhomov, and V. I. Veselovskii.	341 384
Investigation of the Reduction of the CrO_4^{2-} Anion at a Mercury Electrode—N. V. Nikolaeva-Fedorovich, G. E. Titova, and Nguyen Zung.	347 392
Formation of Endiols during the Polarographic Reduction of 2-Phenylindandione-1,3—I. K. Tutane and Ya. P. Stradyn'	352 398
Amalgam Type Halogen Concentration Cells—E. Ya. Gorenbein and A. E. Gorenbein	356 403
Structure and Properties of the Electrical Double Layer at a Gallium-Solution Interface—V. A. Kir'yanov, V. S. Krylov, and N. B. Grigor'ev	361 408
Influence of Adsorption on the Polarographic Reduction of N-(2-Methoxybenzoyl) Caprolactam—G. A. Tsagareli, G. A. Tedoradze, and A. B. Érshler	370 418
Investigation of Liquid-Gas Electrodes. I. A Capillary Liquid-Gas Electrode under Conditions of Natural Gas Removal—N. V. Korovin and A. S. Chudinov.	376 426
Ionization of Oxygen on Pyrographite in Alkaline Solutions—M. R. Tarasevich, F. Z. Saburov, A. P. Mertsalova, and R. Kh. Burshtein	381 432
BRIEF COMMUNICATIONS	
Fast-Rise Electronic Potentiostat IP-410B—M. Atanasova and V. Kertov	386 438
Polarography of Arsenic. IV. The Anodic Wave for Trivalent Arsenic in Basic Solutions—E. G. Vasil'eva, S. I. Zhdanov, and T. A. Kryukova	387 439
Electrochemical Processes Preceded by a Higher Order Reversible Chemical Reaction—A. G. Voloshin.	490 441
Local Distribution of Current and Boundaries of the Reaction Zone on the Surface of a Partially Immersed Electrode—A. A. Vasil'ev and Yu. A. Popov	393 444
Nature of Conduction and Polarization in Nonferrous Slags—Yu. M. Sizov, O. A. Esin, and A. I. Sotnikov	397 447
Rectification Effect in the Quantum Theory of Irreversible Processes—B. M. Grafov	400 450
Investigation of Electrocapillary Phenomena in Dimethylformamide. IV. Adsorption of Uncondensed Aromatic Hydrocarbons—Diphenyl, p-Terphenyl, and p-Quaterphenyl—V. D. Bezuglyi and L. A. Korshikov	403 454
Study of the Adsorption Properties of Ruthenium and Platinoruthenium Electrodes—V. S. Éntina and O. A. Patrîl	406 457
On the Peculiarities of the Reduction of 1,2-Di(pyridyl-2)-ethylene on Mercury in Alkaline Solutions—I. M. Levinson, G. A. Tedoradze, and A. B. Érshler	410 461

(Contd.)

Available From Consultants Bureau

Influence of Mercury Ions on the Kinetics of Electrode Reactions in the Iodine-Iodide System—Yu. M. Povarov, L. V. Eroshkina, and P. D. Lukovtsev	413	464
Cathodically Initiated Polymerization of Pyridine in the Presence of Magnesium and Beryllium Ions—S. Ya. Vasina, G. F. Astakhova, R. F. Karysheva, and A. I. Fedorova	416	468
Activation Energy for Cathodic Intrusion of an Alkali Metal—N. N. Tomashova, I. G. Kiseleva, I. I. Astakhov, and B. N. Kabanov	419	471
Thermodynamics of Surface Phenomena on Platinum-Group Metals at Oxygen Adsorption Potentials in Basic Solutions—A. N. Frumkin, O. A. Patrii, and A. M. Kossaya	422	475
The Plotting of Electrocapillary Curves According to the Form of a Polarized Hanging Mercury Drop—V. I. Melik-Gaikazyan, V. V. Voronchikhina, and É. A. Zakharova	426	479
Adsorption of Hydrogen and Oxygen on Silver—an Investigation Using the Potentiodynamic Programmed Surface Conditioning Method—G. V. Zhutaeva, L. L. Knots, B. I. Lentsner, N. D. Merkulova, and N. A. Shumilova	428	482
Potential-Time Study of Kinetic Currents during Reduction of Metal Complexes—V. I. Kravtsov	432	486
LETTERS TO THE EDITOR		
Investigation of Unstable Intermediate Products in the Electroreduction of Aromatic Carbonyl Compounds by the Methods of the Rotating Disc Electrode with Ring and the EPR Method—L. N. Nekrasov and A. D. Korsun	434	489
Configurations and Electrode Reaction Products of Organic Compounds—L. G. Feoktistov and M. M. Gol'din	435	490
Oxidation of Sodium Acetate in the Presence of Sulfates and Perchlorates on a Platinum Anode—Yu. M. Tyurin, G. N. Afon'shin, and G. S. Shalimova	436	491
REVIEWS		
Modern Aspects of Electrochemistry—Reviewed by V. S. Bagotskii and L. I. Krishtalik	437	492

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SOVIET ELECTROCHEMISTRY

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May, 1968

CONTENTS

	Engl./Russ.
Photoelectric Effect at a Metal-Electrolyte Interface. I—L. I. Korshunov, Ya. M. Zolotovitskii, and V. A. Benderskii	439 499
Anodic Evolution of Oxygen on Lead in Sodium Hydroxide Solutions—S. S. Popova, and A. V. Fortunatov	444 504
Chemisorption and Oxidation of Ethylene on Rhodium—A. A. Michri, A. G. Pshenichnikov, and R. Kh. Burshtein	448 508
Nonstationary Reactions between the Rhodium Electrode and Solutions of Organic Compounds —O. A. Petrii and N. Lokhanyai	453 514
Effect of the Reversible Current Parameters on the Electro-deposition of Copper —V. I. Chernenko, A. A. Rysakov, and Z. I. Pristinskaya	458 519
Origin of the Current Drop on Polarization Curves Corrected for the Supporting Electrolyte Current—L. G. Feoktistov, M. M. Gol'din, G. P. Girina, and V. Yu. Filinovskii	464 525
BRIEF COMMUNICATIONS	
Theory of Photodiffusion Currents in Solutions. Report I.—Yu. Ya. Gurevich and Z. A. Rotenberg	468 529
Problem of Applicability of the Gouy-Chapman Theory to the Diffusion Layer in the Case of a Gallium Electrode—A. N. Frumkin and N. B. Grigor'ev	472 533
Kinetics of Anodic Oxidation of Formic Acid at a Palladium Electrode—A. G. Polyak, Yu. B. Vasil'ev, and V. S. Bagotskii	474 535
Use of a Rotating Disk Electrode with a Ring to Study the Electrochemical Reduction of Benzophenone and Benzaldehyde—L. N. Nekrasov and A. D. Korsun	477 539
Influence of a Periodic Hydrodynamic Flow on the Limiting Diffusion Current—B. M. Grafov	480 542
Nature of the Discontinuities in the Polarization Curves Obtained during Electro-Deposition of Silver from Cyanide Electrolytes—E. A. Nechaev, R. Yu. Bek, and N. T. Kudryavtsev	483 545
Amalgam Surface Tension Measurements with a Capillary Electrometer —N. S. Polyanovskaya	487 549
Chronopotentiometrical Investigations of the Electrode Process with Previous Chemical Reactions and an Oscillographic Investigation of the Process with Subsequent Dimerization Reactions—Zbigniew Galus	491 553
Acidity of the Layer near the Electrode during the Simultaneous Precipitation of Tungsten and Nickel—A. T. Vas'ko and V. N. Belinskii	496 558
Impedance at the Interface between a Platinum Electrode and a Solid Ag ₂ SI Electrolyte —S. V. Karpachev and A. T. Filyaev	498 560
Oxidation of Eu ³⁺ at a Dropping Mercury Electrode—E. V. Yakovleva, Kh. É. Keis, and N. V. Nikolaeva-Fedorovich	501 563
Measurements of the Electrical Double-Layer Capacitance on Mercury in Dimethylformamide Solutions—Ya. Doilido, R. V. Ivanova, and B. B. Damaskin	505 567

(Contd)

Available From Consultants Bureau

CONTENTS

(continued)

ELEKTROKIMIYA
Vol 4, No 5, 1968

	Engl./Russ.	
Determination of the Formation Probability of Crystal Lattice Package Defects in Electrolytic Nickel Deposits—Yu. M. Polukarov and Z. V. Semenova	507	568
Effect of Carbon Monoxide Adsorption and the Formation of Iron Carbides on the Electrochemical Behaviour of the Iron Electrode in Alkaline Solutions —A. P. P'yankova and Z. A. Iofa	510	571
Convection Effect in Theoretical Investigations of the Leveling Effect—S. I. Krichmar	514	574
Frequency Dependence of the Differential Capacitance of Semiconductor Electrodes —M. D. Krotova, V. A. Myamlin, and Yu. V. Pleskov	519	579
Effect of Chloride Ions on Electrodeposition of Copper on Solid Electrodes—S. G. Byalozor	521	581
Diffusion Coefficients of Bivalent Zinc in Chloride and Chloride-Fluoride Melts—I. F. Nichkov, E. A. Novikov, S. P. Raspopin, A. N. Korzh, and Yu. M. Ivanov	524	584
Change in the Electrochemical Characteristics of Zinc Electrodes in Solutions of Alkali by Sulfide Additives—A. V. Merkulov and V. N. Flerov	527	587
Application of the Theory of Vibrational Spectra to the Investigation of the Mechanism of Operation of a Nickel Oxide Electrode—S. A. Aleshkevich, É. É. Gol'teuzen, V. P. Morozov and L. N. Sagoyan	530	590
Distribution of Naphthacene Levels in Anthracene—M. I. Gugeshashvili, I. A. Eligulashvili, G. A. Nakashidze, L. D. Rozenshtein, and A. A. Khatiashvili	533	593
Spectral Sensitization of the Internal Photoeffect in Semiconductors by Organic Polymers —V. S. Myl'nikov and I. Sidaravichyus	535	596
Surface Charge as a Function of the Potential of an Electrode Absorbing Hydrogen and Oxygen in the Light of a Model—B. B. Damaskin and O. A. Petrii	537	598
Differential Capacity Curves of Metals of the Iron Group and Their Interpretation —V. V. Batrakov, Gamil' Khanna Avad, E. I. Mikhailova, and Z. A. Iofa	540	601
Inversion of the Electric Conductivity Series of Solutions of Salts in Mixtures of Methanol with Dioxane—A. M. Shkodin and N. K. Levitskaya	544	605
Reversible Discharge of a Substance with Constant Activity, Accompanied by Irreversible Combination of a Reaction Product—A. G. Voloshin	546	607
LETTERS TO THE EDITOR		
Influence of Activation Overvoltage on Current Microdistribution—A. N. Baraboshkin	548	610
REVIEW		
Eliezer Gileadi, Editor—Electrosorption—Reviewed by O. A. Petrii	549	611

The Russian press date (podpisano k pechatl) of this issue was 4/25/1968.
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Available From Consultants Bureau

SOVIET ELECTROCHEMISTRY

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June, 1968

CONTENTS

	Engl./Russ.
Changes in Surface Tension in Nonequilibrium Conditions—A. Ya. Gokhshtein	551 619
Reduction Potentials of Tellurium and Selenium in Chloride Solutions—O. B. Newski, A. D. Gerasimov, and N. N. D'yachkova	555 624
Chronopotentiometric Study of the Discharging of Simple Zinc Ions on Zinc Amalgam —O. V. Larionov and Ya. V. Durdin	561 630
Investigation of Liquid-Gas Electrodes. II. A Capillary Liquid-Gas Electrode under Forced Gas Removal—N. V. Korovin and A. S. Chudinov	566 636
Adsorption of Thallium Ions on a Platinum Electrode—G. N. Mansurov, N. A. Balashova, and V. E. Kazarinov	570 641
Kinetics of Electrochemical Oxidation on a PbO ₂ Anode in Sulfuric Acid at Low Temperatures —S. O. Izidinov and É. Kh. Rakhmatullina	575 647
Adsorption and Electrooxidation of Simple Organic Substances on a Rhodium Electrode —O. A. Petrii and N. Lokhanyai	582 656
Relationship between the Surface and Photoelectric Properties of Metallic Alloys III. Photoelectric Properties of Alloys in the System Lead-Sodium—V. B. Lazarev and Yu. I. Malov	587 662
On Higher Harmonics of the Surface Tension in Solid Electrodes—A. Ya. Gokhshtein	590 665
BRIEF COMMUNICATIONS	
Establishment of a Stationary Current on a Rotating Disc Electrode in the Case of an Irreversible Electrochemical Reaction—V. Yu. Filinovskii and É. M. Podgaetskii	596 671
Three-Parallel-Capacitor Model and Linear Dependence of the Attraction Constant on the Potential—B. B. Damaskin	600 675
Electrooxidation of Methanol on Pt + Ru and Ru Electrodes at Different Temperatures —V. S. Éntina and O. A. Petrii	604 678
Mechanism of Anodic Dissolution of Iron in an Electrolyte Containing an Oxidizing Agent. Photoelectrochemical Investigations—A. Sh. Valaev and M. A. Chvala	607 682
Temperature Coefficient of the Overvoltage of Hydrogen on an Iron Cathode—G. N. Kokhanov and E. M. Kuchinskii	611 685
Investigation of Amalgam Reduction of Furfural and Its Derivatives—G. N. Soltovets, V. A. Smirnov, and V. G. Kul'nevich	614 688
Effect of Sound Vibrations on the Crystal Structure of Electrolytic Deposits of Metals —A. V. Bondarenko and N. V. Brusnina	619 693
Electroreduction of Phosphorus on a Dropping Mercury Cathode in Aprotic Solvents —I. N. Brago and A. P. Tomilov	623 697
Investigation of the Kinetics of Redox Reactions on Passive Titanium—E. N. Paleolog, A. Z. Fedotova, and V. D. Fityulina	625 700
Electrochemical Processes on Gallium Arsenide—L. N. Vosnildova, É. V. Buts, and G. B. Kaplan	629 704
Electrochemistry of Polyelectrolytes. II. Transfer of Electricity in Solutions of Copolymers of Barium and Strontium Methacrylates—V. P. Barabanov and B. L. Bogdanov	633 707

(Contd.)

Available From Consultants Bureau

CONTENTS

(continued)

ELEKTROKIMIYA
Vol 4, No 6, 1968

Engl./Russ.

Thermodynamic Characteristics of NaI Solvation in Ethanol as a Function of Temperature -V. V. Aleksandrov, V. I. Lebed', T. M. Shikhova, and B. G. Zaslavskii	637	711
Electrical Conductance Method of Studying Complex Formation in Solution-V. M. Gal'perin and V. P. Shuvaev	640	714
Electrical Conductivities of Solutions of Lithium Chloride in Aliphatic Alcohols-A. M. Shkodin, L. P. Sadovnichaya, and V. A. Podolyanko	644	718
The Polarographic Kinetic Current of α -Hydroxyisobutyraldehyde-Ya. I. Tur'yan, M. S. Rusakova, B. F. Ustavshchikov, and V. A. Podgornova	648	721
Electrical Conductivity and Dissociation of Hydrogen Chloride in Mixtures of Ethyl Alcohol and Hexane-A. M. Shkodin and E. F. Kvyatkovskaya	650	723
Oxidation of Benzidine and Alizarin S on a Rotating Platinum Anode-L. S. Reishakhrit, T. B. Argova, and L. V. Vesheva	653	726
Study of the Adsorption of Amyl Alcohol on Bismuth by the Method of Measuring the Differential Capacitance-R. Ya. Pullerits, U. V. Pal'm, and V. É. Past	655	728
Values of the Stationary Potential of the Platinized Platinum Electrode in Basic Hydrazine Solutions of Varying Concentration-G. V. Vitvitskaya	659	732
Electrochemical Reduction of Oxygen on a Copper Single Crystal-V. N. Nikulin	661	733
Electrochemical Behavior of Tellurium in Alkaline Solutions-F. F. Faizullin and S. V. Kuzovenko	665	736
Some Properties of Instantaneous Currents in Polarography when the Electrode Process is Inhibited by Surfactants-B. N. Afanas'ev	668	740
Electrode Processes Involving Sulfur Dioxide in a Strongly Acidic Medium-A. G. Voloshin	670	741
Structure of the Double Electric Layer on Cadmium in Dilute Solutions-V. Ya. Bartenev, É. S. Sevast'yanov, and D. I. Leikis	674	745
Current Generation in Liquid Films Stabilized by Evaporation. The Electroosmotic Phenomenon -Yu. G. Chirkov	677	748
On Some Properties of the Electric Double Layer at the Dielectric-Solution Interface -V. S. Andreev	680	751
REVIEWS		
D. R. Frankl. Electrical Properties of Semiconductor Surfaces-reviewed by Yu. V. Pleskov	683	755

The Russian press date (podpisano k pechat) of this issue was 6/6/1968.
Publication therefore did not occur prior to this date, but must be assumed
to have taken place reasonably soon thereafter.

Available From Consultants Bureau

PART I
ELEKTROSVYAZ
Vol 22

Z. M. Kanevskiy: Comparative Analysis of Decision and Data Feedback Transmission Systems	1
Ye. G. Servinskiy: Criteria for Assessing Discrete Data Transmission Systems	5
I. S. Brainina: Amplitude Correlation of Frequency Diversity Signals in Two-Path Short Wave Channels	10
N. E. Popova, K. I. Akinfeyeva and S. A. Zarin: Temporary Standards for Trunk Channels and Group Highways	15
V. I. Kulya: Multichannel Multiplexing of Low-Frequency Signals Using Orthogonal Conversion	20
V. Ye. Kashirorisky and F. A. Kubuzov: Influence of Isolated Obstacles on Medium Wave Propagation	23
Yu. P. Galyamichev and N. S. Nikolayenko: Optimal Converter RC Filters and Delay Lines	27
V. F. Kalyuzhnyi: Screening Effect of Adjacent Wires when a Power Line Interferes with a Communication Line	39
I. F. Ogorodneichuk and V. D. Ostroukhov: Design of Remote Control Communication Channels Operating over High-Voltage Cable Mains by Linear Multipole Theory	43
V. F. Bakmutskiy: Above-Ground Fault Location in Buried Communication Cables by the Pulsed Induction Method	49

BRIEF COMMUNICATIONS

B. Ye. Aksenov and Ye. A. Voronin: Generalized Exponential Error Distribution for Communication Channels	56
O. P. Novozhilov: Solid State Parametric Oscillators with a Single Tuned Circuit	58

LETTERS TO THE EDITOR

N. P. Khvorostenko: Comment on G. A. Travin's Paper	61
G. A. Travin: Reply to N. P. Khvorostenko	62

PART 2
RADIOTEKHNIKA
Vol 23

Fulfilling the Resolutions of the Sixth Congress of the Popov Society	63
S. K. Savin: Response of a Nonlinear Unilaterally Conducting Resistance to the Sum of Sinusoidal Oscillations	65
Yu. A. Chernov: Some Theorems on the Equivalent Hop in Ionospheric Radio Propagation	73
V. I. Zakharov and A. G. Shishov: Design of Coupled Strip-Line Directional Couplers	75
D. E. Popovyan: Matching of a Receiver with a Signal Source in the Presence of Noise ..	78
Ya. G. Rodionov: Tracking Filter with Controlled Coupling Circuit	82
E. S. Elinson and E. S. Bolabovko: Main Parameters of Synchronous FM Signal Detection System	86
L. Ye. Klyagin: Negative Feedback and Automatic Balancing in a Ring Frequency Converter	89

(Contd)

Available From The Institute of Electrical and Electronics Engineers

	Page
O. P. Novozhilov: Assessment of the Maximum Power Converted by a Semiconductor Diode in Parametric Frequency Multiplication	94
I. Kh. Girshovich: Wavelength Characteristic of the Recording Process in AC-Bias Magnetic Recording	99
G. F. Yukhtanov: Theory of a Pulse Generator with Delayed Negative Feedback	104
E. F. Zaytsev: Design of High-Power Short-Pulse Transformers	108
A. F. Fomin: Threshold Properties and Optimum Parameters of Signals in Radar Measurements	112
V. A. Likharev: Effectiveness of Weighted Summing of an Echo-Signal Packet in Analog and Digital Processing	119
Yu. A. Zaytsev and Ye. K. Kireyev: Polarization Errors in Phase-Type Direction Finding	121
E. Acs: Design of an Address-Code Communication System	127
S. N. Rubtsov and G. A. Sharonov: Effect of Limiting and Time Quantization on the Detectability of a Sinusoidal Signal in the Presence of Interference	130
BRIEF COMMUNICATIONS	
G. V. Konovalov and Ye. M. Tarasenko: Theory of the Energy Spectra of Random Sequences of Pulsed Groups	135
Yu. P. Pyatoshin: Error Probability of an m-ary Channel	137
LETTERS TO THE EDITOR	
V. P. Sizov: On the Paper "Pull-In Range in an Inertial Phase-Tracking Automatic Frequency-Control System" by A. A. Lyakhovkin and Shakhgil'dyan [1]	140
TRAINING OF RADIO ENGINEERS	
N. F. Vollerner: Methodology of College Laboratory Work	142

EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	cosh ⁻¹
Arcth	coth ⁻¹ (ctnh ⁻¹)
Arsh	sinh ⁻¹
Arth	tanh ⁻¹
arccos	cos ⁻¹ (arc cos)
arctg	cot ⁻¹ (arc cot)
arcsin	sin ⁻¹ (arc sin)
arctg	tan ⁻¹ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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Vol. 10, No. 6, pp. 1267-1520

December, 1968

CONTENTS

	PAGE	RUSS. PAGE
Interaction between 90° Domain Walls and Point Defects of the Crystal Lattice in Ferroelectric Ceramics. S. Postnikov, V. S. Pavlov, S. A. Gridnev, and S. K. Turkov	(T) 1267	1599
Magnetic Properties of Indium-Substituted Cobalt Ferroxplana Ferrite. N. N. Efimova, Yu. A. Mamalui, and A. A. Murakhovskii	(E) 1271	1604
Excitation of Nonlinear Spin Waves in Ferromagnets and Antiferromagnets. I. A. Akhiezer and A. E. Borovik	(T) 1275	1609
Zero-Slope Points in Crystals. N. V. Kudryavtseva	(T) 1280	1616
Magnetostatic Oscillation Spectrum of an Antiferromagnetic Spheroid with an Easy Axis of Anisotropy. Yu. M. Yakovlev and Yu. N. Burdin.	(T) 1284	1623
Diffraction of Light by Ferromagnetic Domains. V. S. L'vov	(T) 1287	1627
Theory of a Gradient Instability of a Current in Semiconductors. R. Z. Vitlina and S. K. Savvinykh	(T) 1292	1634
Theory of a Gradient Instability in the Absence of a Magnetic Field (A Reply to the Remarks of R. Z. Vitlina and S. K. Savvinykh). L. É. Gurevich and I. V. Ioffe	(T) 1298	1643
Two-Photon Absorption Mechanism in CaF ₂ :Ho ³⁺ Crystals. B. V. Ershov, Yu. P. Pimenov, A. M. Prokhorov, and V. B. Fedorov	(E) 1309	1645
Behavior of Magnetic Moments of Metals in Strong Magnetic Fields. S. Ya. Rakhmanov and M. Ya. Azbel'	(T) 1304	1650
Electroluminescence of Gallium Phosphide near the Forbidden Band. A. N. Pikhlin and D. A. Yas'kov	(E) 1311	1660
Anomalies of Elastic Properties and Internal Friction of a CoO Single Crystal. K. S. Aleksandrov, L. A. Shabanova, and L. M. Reshchikova	(E) 1316	1666
Thermal Destruction of F Centers and Dielectric Losses in NaCl and KCl Crystals. Sh. I. Ismailov, Yu. N. Evstifeev, and Yu. L. Lukantsever	(E) 1322	1674
Carrier Mobility in NaCl Crystals. Z. Ya. Evseev and K. B. Tolpygo	(T/E) 1325	1678
X-Ray Scattering by Real Alkali-Halide Single Crystals. E. I. Raikhel's, I. V. Smushkov, and V. M. Trembach	(E) 1330	1684
Formation of Point Defects by the Plastic Deformation of LiF Crystals. G. A. Andreev and B. I. Smirnov	(E) 1336	1693
Secondary Free-Radical Processes Occurring during Mechanical Breakdown of Solid Polymers. V. A. Zakrevskii, V. V. Baptismanskii, and É. E. Tomashevskii	(E) 1341	1699

(Contd)

Available From The American Institute of Physics
Vol 10, No 6, December 1968

		PAGE	RUSS. PAGE
Density-Matrix Methods in the Theory of Luminescence and Raman Scattering. <u>K. Poiker and E. D. Trifonov</u>	(T)	1346	1705
Temperature Dependence of the First Magnetocrystalline Anisotropy Constant of Two-Sublattice Ferrimagnets. <u>B. E. Rubinshtein</u>	(E)	1353	1715
Excitation and Propagation of Longitudinal Elastic Waves with Frequencies from 200 to 2000 MHz in Lithium Niobate Crystals. <u>V. V. Lemanov,</u> <u>A. B. Sherman, G. A. Smolenskii, N. B. Angert, and V. P. Klyuev</u>	(E)	1357	1720
Thermal Properties of Lithium Niobate Crystals. <u>V. V. Zhdanova,</u> <u>V. P. Klyuev, V. V. Lemanov, I. A. Smirnov, and V. V. Tikhonov</u>	(E)	1360	1725
Temperature Dependence of the Photodecomposition of Stressed Polymers. <u>G. G. Samoilov and É. E. Tomashevskii</u>	(E)	1363	1729
Temperature Dependence of the Anisotropy Energy in a Ferromagnet. <u>S. A. Pikin</u>	(T)	1368	1735
Electrical Domain Formation in CdSe Single Crystals by Joule Heating. <u>G. S. Pado, V. I. Pustovoit, and E. F. Tokarev</u>	(E)	1374	1743
Polarization Effect on Exciton Absorption Lines. <u>A. G. Zhilich</u>	(T)	1375	1746
Exciton Annihilation at a Metal-Dielectric Interface. <u>V. M. Agranovich,</u> <u>Yu. V. Konobeev, and M. A. Mekhtiev</u>	(T)	1383	1754
Dislocation Bowing and the Frank-Read Source. <u>G. N. Dubnova,</u> <u>V. L. Indenbom, and A. A. Shtol'berg</u>	(T)	1387	1760
Nature of Infrared Luminescence ($\lambda_m = 1.2 \mu$) in CdSe Single Crystals and Its Relationship to Photoconductivity. <u>M. K. Sheinkman, I. B. Ermolovich,</u> <u>and G. L. Belen'kii</u>	(E)	1394	1769
Magneto-optical Rotation in Cubic Crystals Containing Anisotropic Impurity Centers. <u>L. A. Alekseeva and P. P. Feofilov</u>	(T/E)	1397	1773
Effect of the Complex Valence Band of Sb_2Te_3 on Thermal and Electrical Properties. <u>I. A. Smirnov, A. A. Andreev, and V. A. Kutasov</u>	(E)	1403	1782
Losses Due to the Excitation and Propagation of Magnetoelastic Waves in a Nonuniform Field. <u>S. A. Mironov, A. G. Gurevich, K. V. Shevlyagin,</u> <u>and B. N. Lebed'</u>	(E/T)	1408	1788
Role of Surface Waves in Spin-Wave Resonance in Films. <u>V. M. Sokolov</u> <u>and B. A. Tavger</u>	(T)	1412	1793
Structure of Zinc Sulfide Single Crystals Grown from the Melt under Pressure. <u>G. V. Anan'eva, K. K. Dubenskii, A. I. Ryskin, and G. I. Khil'ko</u>	(E)	1417	1800
Excitation of Field Splashes within Metals Via Electron Trajectory Chains in Surface-Normal Magnetic Fields. <u>V. P. Naberezhnykh</u> <u>and N. K. Dan'shin</u>	(T/E)	1422	1807
Influence of an Electric Field on Monomolecular and Dimolecular Recombination in Luminescent Ionic Crystals. <u>V. P. Denks</u> <u>and V. I. Leiman</u>	(E)	1426	1812
Thermal Stability of Uranium Fission Fragment Tracks in Muscovite Single Crystals (Effect of Anisotropy). <u>Ya. E. Geguzin, I. V. Vorob'eva,</u> <u>and I. G. Berzina</u>	(E/T)	1431	1819
The Dislocation Structure and Mechanical Properties of Aluminum Antimonide Single Crystals. <u>V. I. Nikitenko, V. N. Vertoprakhov, L. M. Dedukh,</u> <u>and V. P. Zinov'eva</u>	(E)	1435	1824
Optical Detection and Piezoelectric Effect in Some Electrooptical Crystals. <u>B. N. Morozov and V. M. Nesterenko</u>	(E)	1442	1833
Thermal and Electrical Properties of Ferroelectric Triglycine Selenate in the Vicinity of the Curie Point. <u>B. A. Strukov, S. A. Taraskin,</u> <u>and V. M. Varikash</u>	(E)	1445	1836

(Contd)

Available From The American Institute of Physics
Vol 10, No 6, December 1968

		RUSS. PAGE	PAGE
Theory of Second-Order Phase Transitions of the Displacive Type.			
Yu. I. Sirotin and L. M. Mikhel'son.	(T)	1450	1843
Temperature Broadening, Shifts, and Line Shapes in the Quasilinear Spectra of Organic Molecules in n-Paraffin Solid Solutions. <u>R. I. Personov</u> and V. V. Solodunov.	(E)	1454	1848
A Comparative Study of the Energy Distribution of Secondary Electrons and Photoelectrons Excited by Soft X Rays. N. G. Nakhodkin and P. V. Mel'nik.	(E)	1462	1859
The Possibility of Superfluidity in Semimetals during the Dielectric Transition. Yu. P. Denisov and T. T. Mnatsakanov.	(T)	1465	1863
Theory of the High-Temperature Background of Internal Friction. B. M. Darinskii, S. K. Turkov, and Yu. A. Fedorov.	(T/E)	1469	1869
BRIEF COMMUNICATIONS			
Excitation Time of Spin Waves in First- and Second-Order Nonlinear Processes. V. I. Churkin, Yu. R. Shil'nikov, and N. N. Chelishchev.	(E)	1474	1876
Angular Dependence of the Induced Magnetic Anisotropy Constant of Fe-Ni-Co Ferrites. N. L. Bryukhatov, N. L. Pakhomova, and V. A. Kozlov.	(E)	1477	1879
Injection-Chemical Effect and Electroluminescence of Cu₂O. Yu. I. Karkhanin and Yu. V. Vorob'ev.	(E)	1479	1880
Generation of the Second Harmonic of Ruby Laser Radiation in Some Crystals. A. S. Sonin, A. A. Filimonov, and V. S. Suvorov.	(E)	1481	1883
Hall Effect in Chromium. E. B. Amitin and Yu. A. Kovalevskaya.	(E)	1483	1884
Bound States of Electrons and Neutral Impurities. B. V. Petukhov and Yu. I. Polyakov.	(T)	1485	1887
Nucleation Centers of Gold on NaCl Crystals. V. I. Trofimov and V. M. Luk'yanovich.	(E)	1487	1889
Interaction of Electrons with Germanium Single Crystals. A. I. Titov.	(E)	1489	1891
Dependence of the Amplification of Sound in Piezoelectric Semiconductors on the Wave Amplitude. B. P. Vasil'ev and K. N. Vinogradov.	(E/T)	1491	1893
Mössbauer Spectrum of Np²³⁷ after Alpha Decay of Am²⁴¹ in a Thorium Lattice. B. M. Aleksandrov, A. V. Kalyamin, A. S. Krivokhatskii, B. G. Lur'e, A. N. Murin, and Yu. F. Romanov.	(E)	1494	1896
Changes in the Volume of the Fluorite Lattice Due to Point Defects. M. S. Tyutin, T. I. Nikitinskaya, B. I. Maksakov, and G. M. Zakharov.	(E)	1496	1898
Temperature Dependence of the Spontaneous Radiation of Gadolinium Ferrite. N. I. Lyashenko and L. L. Stakhurskii.	(E)	1498	1900
Theory of Cyclotron Resonance of Hot Electrons. L. D. Abuladze and Z. S. Kachlishvili.	(T)	1500	1902
Investigation of Statistics of Electron Emission from Solids. V. N. Shchemelev and E. P. Savinov.	(E)	1502	1904
Electroluminescence of Single Crystals of Sodium-Zinc Germanate in a Constant Electric Field. K. A. Verkhovskaya, I. P. Kuz'mina, A. N. Lobachev, and V. M. Fridkin.	(E)	1504	1906
Anisotropy of the Self-modulation of Nonlinear Ferromagnetic Resonance. I. E. Dikshtein, Ya. A. Monosov, and V. V. Surin.	(E)	1506	1907
Cross Sections for the Raman Scattering of Light in GaP and CdS Crystals. V. S. Ryazanov, V. S. Gorelik, G. V. Peregudov, M. M. Sushchinskii, and V. A. Chirkov.	(E)	1508	1909
Photoconductivity Spectrum of Diamond. K. N. Pogodaev and V. S. Tatarinov.	(E)	1510	1911
Angular Dependence of the Secondary Electron Emission Coefficient of Single-Crystal Silicon in the Range of Incident Electron Energy from 100 to 2000 eV. A. R. Shul'man, V. V. Korablev, and Yu. A. Morozov.	(E)	1512	1913

(Contd)

Available From The American Institute of Physics
Vol 10, No 6, December 1968

		RUSS.	
		PAGE	PAGE
Shift of the Mössbauer Line of β -Sn during its Phase Transition under Pressure. V. N. Panyushkin.	(E)	1515	1915
Ground State of an Antiferromagnet in a Magnetic Field of Arbitrary Direction. S. N. Chepurnykh.	(T)	1517	1917

Available From The American Institute of Physics
Vol 10, No 6, December 1968

SOVIET PLANT PHYSIOLOGY

A translation of *Fiziologiya Rastenii*

Volume 15, Number 2

March-April, 1968

CONTENTS

	Engl./Russ.	
Influence of Different Types of Salinization upon the Accumulation of Free Nucleotides in Barley - G. R. Matukhin, N. V. Zhukovskaya, and S. I. Gomzhina	167	197
Culturing of Isolated Glasswort, Sorghum, Sweetclover, and Cabbage Tissues for Comparative Study of Their Salt-Resistance - B. P. Strogonov, E. I. Komizerko, and R. G. Butenko	173	203
Disruption of Sulfur Metabolism in Plants under Saline Conditions - N. I. Shevyakova	178	209
Protective Action of Glycerine against Freezing of Winter Wheat - T. I. Trunova	185	218
Amount of Unfrozen Water in Woody Plants at Different Temperatures - O. A. Krasavtsev	191	225
Effect of Aeration on Frost Resistance of Woody Plant Shoots - Z. G. Raktina	199	235
Change in the Thiamine and Riboflavin Content in Hydroponic Barley Cultures after the Use of β -Indolylacetic and Gibberellic acids - I. Pavel, I. Zhakova, and L. Tesarzhova	202	246
The Use of 2,4-Dinitrophenol to Determine the Energy Efficiency of Leaf Respiration at Various Temperatures - O. A. Semikhatova and O. S. Yudina	212	252
Photosynthesis and Respiration of Certain Vegetable Plants at Various Partial Pressures of Oxygen - N. T. Nilovskaya and M. M. Bokovaya	216	258
On the Role of Catalase in the Chloroplasts - M. V. Chlubekova, N. I. Shutlova, T. I. Kashkarova, and V. M. Kutyurin	225	267
Consumption of Organic Substances for Respiration in Plants Cultivated under Various Conditions of Mineral Nutrition - L. E. Strogonova	229	272
Importance of the Trace Elements Zinc and Boron in Amino Acid Exchange and Drought-Resistance in Winter Wheat - P. A. Vlasyuk, I. G. Shmat'ko, and E. A. Rubanyuk	237	281
The Portion of the ATP Molecule Responsible for Its Direct Action on the Absorptive Apparatus of Roots - D. B. Vakhmistrov and M. P. Listova	243	288
A Characteristic of the Free Space of Sugar-Beet Roots - V. P. Kholodova, O. S. Engel', and L. A. Doroshkina	248	295
Starch in Developing Anthers of <i>Citrus sinensis</i> (Cytochemical and Electron-Microscopic Study) - E. I. Milyaeva and N. V. Tsinger	255	303
Oligosaccharide Metabolism in Leaves of Various Layers of Spring Wheat, Cultivated under Controlled Conditions - O. A. Korchagina	259	308
Activity of Oxidative Enzymes in the Zone of the Abscission Layer during Natural Abscission and Defoliation of the Cotton Plant - A. I. Imamatiev and I. Otakhanov	266	317
Physiology of Aging of the Potato - Yu. G. Trinkler	270	322
Content and Accumulation of Nucleic Acids in Buds of Wintering Grape Eyes at Various Stages of Their Seasonal Development - A. I. Cheban	276	329
Activity of Phenol-Oxidizing Enzymes and Dynamics of Reducing Compounds in Two Varieties of Spring Wheat in the Normal State and in the Case of Infection with Stem Rust - V. V. Chigrin, E. P. Alshin, L. N. Prokof'eva and D. T. Pochtar'	282	336

(Contd)

Available From Consultants Bureau

Physiological Analysis of Genetically Heterogeneous Varieties of <u>Zea mays</u> L. Unequally Resistant to an Increased Acidity of the Medium - É. L. Klimashevskii, Yu. N. Zhuravlev, and Z. S. Popova	288	343
State of Water in Sugar-Beet Leaves in Relation to Water-Supply Conditions - A. P. Lakhanov	295	352
BRIEF COMMUNICATIONS		
Oxidative Processes in Bean Tissue Infected by Pea Mosaic and Yellowing Viruses - L. N. Loginova, Yu. I. Vlasov, and O. G. Antonova	300	358
Optimal Leaf Area of Annual Leguminous Plants Ensuring High Crop Yields - V. N. Vinogradov	303	360
Effect of Spectral Composition of Light on the Development of <u>Rudbeckia</u> and <u>Perilla</u> under Long- and Short-Day Conditions - T. N. Konstantinova, N. P. Aksenova, and A. A. Nikitina	306	363
Effect of Soil Salinity on Activity of Cell Organelles in Rice - N. R. Krasnook and and N. S. Tur	310	366
PRACTICAL APPLICATIONS		
Leaf Diagnosis of Conditions of Nutrition and Crop Yield of Agricultural Plants - N. K. Boldyrev	312	368
METHODS		
Simple Device for Determining Water Absorption by Plants - I. A. Kuperman, G. A. Bochkov, and P. K. Labzun	322	380
On the Use of Various Oils as Clarifying Agents for Microscopic In Vivo Investigations of Plant Cells - A. G. Chuikov	324	383
BOOK REVIEWS		
I. A. Shul'gin. Solar Radiation and Plants - Reviewed by D. I. Sapozhnikov	331	388
CHRONICLES		
Second All-Union Symposium on Physiological and Biochemical Principles of Formation of Plant Communities (Phytocenoses) - V. P. Ivanov	333	390

The Russian press date (podpisano k pechati) of this issue was 3/12/1968.
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Available From Consultants Bureau

SOVIET PLANT PHYSIOLOGY

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Volume 15, Number 3

May-June, 1968

CONTENTS

	Engl./Russ.
On the 125th Anniversary of the Birth of K. A. Timiryazev - P. Genkel'	335 397
Statistical Distribution of Movement Rates of Cytoplasm and Chloroplasts as a Function of Temperature - S. V. Tageeva and É. N. Kazantsev	340 402
Participation of Manganese Compounds in Photosynthesis - T. M. Udel'nova and E. A. Boichenko	346 410
Mechanism of the Absorption of Carbon Dioxide by Plant Leaves - Z. I. Zhurbitskii, V. A. Gorbavtsov, and N. S. Chaplygina	351 416
The Effect of Genetic Factors on the Photosynthetic Apparatus of <i>Arabidopsis thaliana</i> (L.) Heynh. - A. G. Kas'yanenko and Yu. S. Nasyrov	356 422
Cytokinin Activity and Chemical Structure of Certain Derivatives of N-Allyl-N'-phenylthiourea - E. Karanov, I. Ivanova, and G. Vasilev	363 430
Correlation between Growth and Anthocyanin Biosynthesis in Buckwheat Hypocotyls - U. V. Margna and M. Ya. Otter	368 436
Physiological Rhythms in Plants (from Data on the Circadian Rhythm of Leaf Movement) - B. Kh. Gurevich and A. A. Ioffe	374 443
Physiological and Biochemical Changes in Bean Shoots in a Constant Magnetic Field - G. A. Tarakanova	379 450
Transformation of C ¹⁴ -Labeled Phenolic Compounds in Isolated Tea Shoots - M. N. Zaprometov and V. Ya. Bukhlaeva	385 457
Photosynthetic Phosphorylation in the Chloroplasts of Healthy and Chlorotic Plants - N. A. Zaitseva and L. K. Ostrovskaya	390 464
Some Data on the Response of Perennial Grasses to Vernalization - A. K. Fedorov	394 469
Role of the Vascular Bundles of the Stem in Long-Distance Transmission of Stimulation by Means of Bioelectric Impulses - A. M. Sinyukhin and V. V. Gorchakov	400 477
Influence of the Potassium Source Utilized by Plants on the Metabolism of Nitrogenous Substances in Leaves in Connection with Their Organic Acid Metabolism - E. I. Ratner and O. I. Eliseeva	408 488
Detoxification of 2,4-D in Plants Depending upon the Peculiarities of Its Application - Yu. V. Rakitin and T. P. Mikhailova	417 498
Nature of the Action of the Products of Photosynthesis of Plants Grown in Light of Various Spectral Compositions on the Growth of Isolated Roots in Sterile Cultures - S. S. Zeinalova, A. M. Smirnov, and A. A. Nichiporovich	423 505
Peculiarities of the Assimilation of Nitrates by Photosynthesizing Leaves - G. A. Slobodskaya	428 511
Accumulation and Distribution of Sodium and Potassium in Pumpkin Plants in the Case of Salinization of the Substrate with Sodium Chloride and Sulfate - P. A. Genkel' and V. A. Solov'ev	437 521
Accumulation of Sulfoxides of S-Amino Acids in Cabbage Leaves in the Presence of Na ₂ SO ₄ - N. I. Shevyakova and B. P. Strogonov	444 530
P/O Ratio in Mitochondria Isolated from Wilting Plant Tissues - V. N. Zholkevich and A. Ya. Rogacheva	450 537

(Contd)

Available From Consultants Bureau

	Engl./Russ.	
Influence of Co⁶⁰ γ Radiation on the Water Regime and Drought Resistance of Peppermint Plants - V. N. Savin and O. G. Stepanenko	457	546
Protective Effect of Salt Solutions during Freezing of Plant Cells - G. A. Samygin and N. M. Matveeva	462	552
BRIEF COMMUNICATIONS		
The Effect of Gibberellin and Auxin on IAA Oxidase and Peroxidase Activity in Mesocotyl Cuttings of Corn - V. V. Polevoi and M. A. Stroganova	469	561
Content of Tryptophan in the Vegetative Mass of Yellow Lupine - I. G. Strelkov and A. G. Kholodov	472	563
Oxygen Supply to Roots of Certain Woody Plants Kept under Anaerobic Conditions - T. V. Chirkova	475	565
METHODS		
Investigation of Natural Auxins and Growth Inhibitors - V. I. Kefeli and R. Kh. Turetskaya	479	569
BOOK REVIEWS		
The History and Present-day Position of Plant Physiology in the Academy of Sciences - Reviewed by K. F. Kalmykov	487	573
CHRONICLES		
In Memory of Fedor Danilovich Skazkin (November 22, 1900 - January 20, 1968) - P. Genkel'	491	581

The Russian press date (podpisano k pechati) of this issue was 5/17/1968. Publication therefore did not occur prior to this date, but must be assumed to have taken place reasonably soon thereafter.

Available From Consultants Bureau

GEODEZIYA I AEROFOTOGRAFIYA
No 2, 1968

	English Page	Russian Page
N. A. Bespalov: Application of Numerical Analysis in Spheroidal Geodesy	71	3
V. I. Akulov: Analytical Basis of a Graphic Method of Evaluating the Accuracy of Insertion of a Station into a Triangulation Net	76	15
N. A. Budenkov and A. F. Storozhenko: Accuracy in Observing the Settling of Locks	78	20
I. S. Zhilenko: Orthogonal Projection in Indirect and Conditional Measurements	80	23
A. I. Bolotin: Boundaries of the Domain of a Minimum in the Sums of Absolute Values of Several Functions of the Linear Type	84	34
F. G. Kochetov: Design of Stabilizers for Mine Surveying Instruments	87	41
V. F. Luk'yanov: Computing the Accuracy of a Detailed Layout of the Alignments of Buildings Constructed from Prefabricated Units	90	47
I. G. Letoval'tsev: The Roussilhe Projection	92	51
K. Mikhaylovich: Effect of Errors in Initial Data on the Accuracy of Polygonometric Traverse Vertices	95	56
M. I. Prilepin, A. N. Golubev, and L. M. Konoshenko: Refractometer for Determining the Mean Refractive Index of Air in Pulsed-Light Range Finder Measurements	97	62
D. I. Mashch, I. S. Khizhak, and S. M. Romanyuk: The Atmospheric Refraction Co- efficient for IR Radiation (in the 1-6 μ Micron Spectral Range)	100	68
B. I. Mikhovoy and K. N. Terpigov: Computation of Coefficients of Trilateration Condition Equations	104	75
O. K. Nekrasov: Accuracy of a Composite Intersection	106	80
N. V. Izmaylova: Evaluation and Mapping the Concentration of Phenomena Localized at Points	109	86
I. T. Antipov: Constructing Independent Chains of Analytical Spatial Photo- triangulation	113	95
N. I. Sosolov: Solution of the Inverse Photogrammetric Problem on an Electronic Computer	119	109
M. D. Mal'tsev: Computation of the Tolerance for Deviation of the Refractive Index of Glass in Optical Parts	121	115
B. A. Shapichkin: Correction of Aberration by Transparent Layers of Variable Thickness	123	110
Ya. Ye. Shcherbakov: Designing a Shock-absorbing System for an Aerial Camera	123	123
M. I. Dvornikov: Design of Optical Systems with Centered Spherical Surfaces by Ray Tracing with Electronic Computers	127	127
A. N. Lobanov: International Photogrammetric Symposium	133	141
Scientific and Technical Conference of the Belorussian Institute of Railroad Transportation Engineers (BIIZHT)	137	149
Obituary of Fedor Fedorovich Pavlov	139	182
Abstracts of Papers Appearing in this Issue	139	—

Available From The American Geophysical Union

GEOLOGIYA NEFTI I GAZA
Vol 7, No 9, 1963

1. Geochemical characteristics of Upper Cretaceous oils of the eastern Cis-Caucasus.
A. N. Reznikov and A. D. Gritchen p. 471
2. Distribution of oil-bearing horizons in the sandy-silty unit of the Cretaceous of eastern Stavropol.
B. G. Sokratov p. 476
3. Characteristics of fracture reservoirs of the Upper Cretaceous sediments of Stavropol.
N. P. Fursova and L. S. Bondarenko p. 482
4. Lithology, conditions of occurrence, and oil-gas prospects of the Jurassic sediments of Kabardino-Balkaria.
V. A. Stanulis p. 487
5. New data on the geology of the Zhetybay field.
V. V. Kozmodem'yanskiy p. 493
6. Geology and oil-gas prospects of the Naryn depression.
I. A. Shmelev and T. T. Radyushkina p. 498
7. Role of geophysical methods in study of the geology of southeastern Turkmenistan.
V. V. Gapreyev and B. M. Geyman p. 505
8. Morphogenetic classification of oil-gas-bearing tectonic structures of the Volga-Ural region.
V. A. Klubov p. 511
9. Quantitative relationships between hydrocarbons of sedimentary rocks and oils.
N. A. Kudryavtsev p. 518
10. Combined oil in gas and gas-condensate strata.
A. G. Durmish'yan p. 523
11. Hydrogeological closure of structures of the central part of the interior zone of the Cis-Carpathian downwarp in connection with oil prospects.
V. M. Shchepak p. 527
12. Geology and oil-gas possibilities of Eastern Africa.
M. I. Varentsov et al. p. 531

- * - * - * -

Available From Petroleum Geology

	Page	
	English	Russian
YU. V. RIZNICHENKO, A Model of the Energetics of a Seismic Regime	277	3-19
A. M. YEPINAT'YEVA AND E. YA. KUTSENKO, Seismic Waves in Real Media with a Low Velocity Gradient	286	20-36
V. M. GUR'YANOV, The Inverse Geometrical-Seismology Problem for Reflected Waves with Velocity Depending on Two Variables	296	37-48
S. M. SHEYNMAN (SCHEINMANN), On the Electrical Properties of Rocks in the Upper Layers of the Earth's Crust. A System of Equations for the Electromagnetic Field	301	49-60
A. I. ZABOROVSKIY, S. G. SEMENOVA AND A. D. FROLOV, The Electrical Properties of Rock-Forming Minerals Subjected to Alternating Electromagnetic Fields	307	61-72
YU. D. TROPIN, Thermal Fluctuations of the Magnetic Moment in Single-Domain Grains	314	73-82

SCIENTIFIC COMMUNICATIONS

A. A. LUKK, The Aftershock Sequence of the Dzshurm Deep-Focus Earthquake of 14 March 1965	319	83-85
YA. YA. KAGAN (COHEN), Location of the Sources of Seismoacoustic Pulses	321	86-93
G. N. GOGONENKOV, YE. T. ZAKHAROV AND A. T. LISENENKOV, A Statistical Estimate of the Propagation Velocities of Elastic Waves from Mining-Geophysics Data	326	94-103
B. SHAUB (SCHAUB), The Mapping of Two-Layered Media by the Aerial "Radiokip" Electric Survey Method	333	104-107
A. YA. VLASOV AND N. V. FEDOSEYEVA, The Temperature Dependence of the Constant of Crystallographic Magnetic Anisotropy of Hematite	335	108-111

Available From The American Geophysical Union

	Page	
	English	Russian
I. I. CHERKASOV, V. V. MIKHEYEV, M. I. SMORODINOV, V. V. SHVAREV, N. M. ZOBACHEV, A. A. MOROZOV, AND V. P. PETRUKHIN, The Direct Determination of the Structure, Density, and Mechanical Properties of Lunar Soils with the Aid of Automatic Stations	339	3-14
M. P. VOLAROVICH, L. M. MARMORSHTEYN, AND YU. B. MEKLER, Variation in the Structure of the Pore Space in Sandstones under Pressure	346	15-19
V. M. MERKULOVA, Absorption of Ultrasonic Waves in Rocks in the 10-160 Kiloherz Range	350	20-25
A. V. NIKOLAYEV, Possibilities of Studying Media with Random Inhomogeneity Distributions in the Presence of Microseisms	354	26-38
A. K. YANOVSKIY, Criteria of Optimum Filtration of Random Processes in Connection with Problems of Seismic Prospecting	361	39-48
M. A. ALEKSIDZE AND G. I. SANADZE, A New Gravity Reduction Method for Mountain Areas	367	49-52
S. M. SHEYNMANN (SCHEINMANN), The Electrical Properties of Rocks in the Upper Layers of the Earth's Crust: Boundary Equations	369	53-61
Scientific Communications		
E. K. LOSOVSKIY, Synthetic Seismograms and the Possible Spectral Attenuation of Multiply Reflected Waves	374	62-69
B. A. OSIPOVA, Determination of the Elastic Properties of Rock Salt by the Seismic Pulse Technique	379	70-73
S. G. SEMENOVA, Electrical Properties of Igneous and Metamorphic Rocks in an Electromagnetic Field of Radio-Frequency Range	382	74-81
V. A. BELASH, Theoretical Basis of the Non-Contact Method of Determining Electrical and Magnetic Properties of Cylindrical Samples	386	82-85
G. Z. GURARIY AND V. M. TRUBIKHIN, Results of the Paleomagnetic Study of Upper Cambrian Red Beds in the Irkutsk Cirque	389	86-92
Chronicle		
I. E. GUBIN, International Seismological Educational Institute in Japan	394	93-95

Available From The American Geophysical Union

Transactions of the Fifth All-Union Conference on Ferroelectricity
and the Physics of Inorganic Dielectrics

Influence of radiation defects on the ferroelectric properties of Rochelle salt and triglycine sulfate crystals - E.V.Peshikov & S.V.Starodubtsev	1750	1791
Experimental investigation of the effect of gamma radiation on the electric and spectral characteristics of triglycine sulfate - G.S.Danil'chuk, L.S.Kremenchugskii & A.F.Mal'nev	1754	1796
Effect of irradiation on the electrophysical properties of barium titanate crystals and barium titanate ceramics - S.P.Solov'ev, I.I.Kuz'min & V.A.Kharchenko	1757	1799
The Barkhausen effect in ferroelectric crystals subjected to x and γ irradiation - N.S.Komlyakova & V.M.Rudyak	1762	1805
Effect of ultrasonic vibrations on polarization switching processes in triglycine sulfate crystals at different temperatures - A.I.Baranov & V.M.Rudyak	1765	1808
Influence of uniaxial compression on the phase transitions in $BaTiO_3$ single crystals - E.V.Sinyakov, S.A.Flerova & O.A.Kubyshkin	1768	1811
Frequency characteristics of triglycine sulfate and Rochelle salt crystals - Yu.M.Poplavko & L.P.Solomonova	1771	1814
Dielectric properties of c-domain barium titanate single crystals in the decimeter wave region - A.V.Turik & K.B.Chernyshev	1775	1818
Diffraction studies of the state of the surface of barium titanate single crystals grown by the Remeka method - V.P.Dudkevich, E.G.Fesenko & V.G.Gavrilyachenko	1779	1822
Electromechanical properties of cobalt-doped barium titanate - L.K.Bunina, A.Yu.Kudzin & E.V.Sinyakov	1782	1825
Electric properties of $BaTiO_3$ - $CdTiO_3$ solid solution single crystals - E.V.Sinyakov & E.F.Dudkin	1786	1829
Closer definition of the conditions for the existence of perovskites - E.G.Fesenko, V.S.Filip'ev & M.F.Kupriyanov	1790	1833
Calculation of the orientational dielectric polarization of ferroelectric ceramics with different types of crystal structures - V.A.Isupov	1793	1836
Investigation of the long- and short-range order of the ions in some complex ferroelectric perovskites - V.M.Yudin, A.G.Tutov, A.B.Sherman & V.A.Isupov	1798	1841
New ferroelectric-ferromagnetic $(Sr,Bi,La)MnO_3$ and $(Sr,Bi)MnO_3$ solid solutions - V.V.Ivanova & Yu.N.Vanevtsev	1803	1846
Relation between the properties of piezoelectric ceramics and their orientational dielectric polarisation - V.A.Isupov	1807	1850
Investigation of the structure and dielectric properties of $NaNbO_3$ - $CdTiO_3$ solid solutions - V.M.Lebedev, V.V.Chkalova & Yu.N.Vanevtsev	1810	1853
Piezoelectric properties of $PbTiO_3$ - $PbZrO_3$ - $PbMg_{0.5}W_{0.5}O_3$ solid solutions - Yu.E.Stolypin & V.A.Isupov	1814	1857 (Contd)

The pyroelectric effect in ferroelectric crystals and ceramics - V.Z.Borodin, L.M.Derberova, S.G.Gakh, O.P.Kramarov, L.S. Kremenchugskii, A.F.Mal'nev, V.B.Samoilov & M.L.Sholokhovich	1818 1861
Electric properties of polycrystalline barium titanate doped with lanthanides - Yu.I.Gol'tsov, A.S.Bogatin & O.I.Prokopalo	1821 1864
Concerning the origin of the semiconductor properties of doped barium titanate - B.A.Rotenberg & Yu.L.Danilyuk	1824 1867
Semiconductor BaTiO ₃ -SrTiO ₃ -BaSnO ₃ system solid solutions - I.T.Sheftel', A.I.Zaslavski, B.B.Leikina & G.N.Tekster- Proskuryakova	1828 1871
Electric properties of (Sr,Bi _{2/3})TiO ₃ -CaTiO ₃ system solid solutions - K.E.Lisker	1832 1875
Investigation of the dependence of the reversible dielectric constant on the field strength in polycrystalline BaTiO ₃ and (Ba,Sr)TiO ₃ solid solutions above the Curie point - V.V. Kirillov & V.A.Isupov	1835 1878
Magnetic properties of PbTiO ₃ -LaFeO ₃ solid solutions - A.I. Kashlinskii & V.I.Chechernikov	1839 1882
On the influence of a dc field on the thermal conductivity of barium titanate base ceramic specimens and triglycine sulfate single crystals in the phase transition region - E.N.Dimarova & Yu.M. Poplavko	1842 1885
Internal friction in Pb _{0.95} Sr _{0.05} (Zr _{0.53} Ti _{0.47})O ₃ + 3% PbO ferroelectric ceramic - V.S.Postnikov, V.S.Pavlov, S.A. Gridnev, S.K.Turkov, B.M.Darinskii & I.A.Glozman	1845 1888
Temperature dependences of the absorption and the velocity of propagation of ultrasonic waves in some ferroelectric solid solutions with the perovskite structure - G.Zh.Grinvald & V.Ya.Fritsberg	1850 1893
Investigation of the nonlinear and switching properties of film varistors - T.N.Verbitskaya, L.M.Aleksandrova, L.S.Sokolova, N.I.Zhuravleva, E.B.Raevskaya, E.I.Shirobokova & V.V.Filippov	1853 1896
Investigation of the properties of some vitreous-crystalline materials based on ferroelectrics - V.V.Chkalova, V.F. Kalabukhova, V.S.Bondarenko, E.Zh.Freidenfel'd & Z.P.Milberg	1858 1900
Contribution to the theory of dispersion of the dielectric constant of polycrystalline BaTiO ₃ in the superhigh frequency region - A.V.Turik	1861 1903
Investigation of Ferroelectric materials at superhigh frequencies - Yu.M.Poplavko	1865 1907
Dispersion of the dielectric constant in ferroelectric materials with the perovskite structure at high and superhigh frequencies - N.P.Khuchua	1870 1912
Investigation of superhigh frequency dispersion in polycrystalline barium titanate - V.V.Dem'yanov & S.P.Solov'ev	1874 1917
Superhigh frequency dispersion of the dielectric constant in the low-temperature phases of barium titanate - V.M.Petrov & A.Yu.Teverovskii	1879 1922
Dispersion of the dielectric constant of barium titanate in a wide range of frequencies and temperatures - M.M.Nekrasov, Yu.M. Poplavko, B.Ya.Yazytskii, V.G.Tsykalov & L.P.Solomonova	1882 1925
Investigation of nonlinearity of ferroelectric materials at superhigh frequencies - M.M.Nekrasov	1885 1928
	(Contd)

Available From Columbia Technical Translations

Superhigh frequency dielectric properties of barium titanate doped with "Ni ₂ Nb ₂ O ₇ " and "Co ₂ Ta ₂ O ₇ " - S.V.Martynova & V.M.Petrov	1888	1931
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Concerning formation of the polarized state in polycrystalline ferroelectric materials - I.S.Zheludev, T.N.Lezgintseva & N.B.Fel'dman	1909	1953
Investigation of the nonlinear properties of barium titanate single crystals under linear compression - E.V.Sinyakov & S.A.Flerova	1912	1955
Electric properties of SrTiO ₃ single crystals - M.V.Rozhdestvenskaya & V.Ya.Kunin	1915	1959
Ferroelectric anomalies of the dielectric and piezoelectric properties of RbH ₂ PO ₄ and KD ₂ PO ₄ crystals - L.A.Shuvalov, I.S.Zheludev, A.V.Mnatsakanyan, Ta.-Zh.Ludupov & I.Fiala	1919	1963

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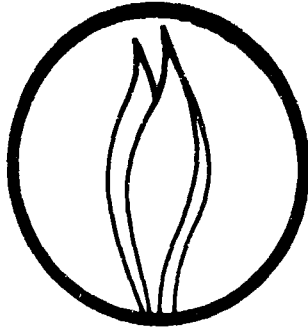
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A. P. Darmanyan, V. E. Mitsuk, and V. A. Chernikov. Lowering of the Optical Breakdown Threshold in a Laser Focus by Superimposing a Microwave Field.	71	117
A. V. Varfolomeev, B. P. Zakharchenya, and R. P. Seisyan. Observation of the Structure of Diamagnetic Excitons in the Electroabsorption Spectrum of Ge.	74	123
T. U. Arifov, G. A. Askar'yan, and N. M. Tarasova. Ionizing Action of Radiation Due to Heating of Substance in the Focus of a Laser Beam and Production of a Plasma with High Degree of Ionization.	77	128
V. N. Lutskii and L. A. Kulik. Features of Optical Characteristics of Bismuth Films Under Conditions of Quantum Size Effect.	80	133
N. A. Generalov, G. I. Kozlov, and Yu. P. Raizer. Effect of Strong Increase of Absorptivity of a Partly Ionized Gas at High Light Intensities.	82	138
I. M. Aref'ev, S. V. Krivokhizha, Yu. I. Kyzylasov, V. S. Starunov, and L. I. Fabelinskii. Stimulated Raman Scattering and Generation of Infrared Radiation in Quartz at Low Temperatures.	84	142
I. A. Deryugin and V. V. Zaporozhets. Line Shape of Nonlinear Ferromagnetic Resonance of Second Order.	86	145
A. N. Gorbunov. Investigation of the Reactions $\text{He}^4(\gamma, p)\text{H}^3$ and $\text{He}^4(\gamma, n)\text{He}^3$	88	148
Yu. G. Basov. Connection Between Activation Energy of Thermal Dissociation of Molecules in the Gas Phase and the Bond-breaking Energy.	93	155
I. S. Shapiro. Fine Structure of Giant Resonances.	95	158
V. I. Mel'nikov. Oscillations of Absorption and Amplification of Ultrasound in Inelastic Scattering of Electrons.	97	162

Available From The American Institute of Physics, Inc.

	Page	
	Engl.	Russ.
A. P. Boronin, Yu. A. Medvedev, and B. M. Stepanov. Explosion in an External Electric Field.	101	169
G. I. Aseev, M. L. Kats, and V. K. Nikol'skii. Multiphonon Excitation of the Photoconductivity in Alkali-halide Crystals by Laser Emission.	103	174
N. G. Basov, D. K. Gavrilina, Yu. S. Lecnov, and V. A. Sautkin. Influence of Stimulated Emission on the Formation of Molecular Iodine.	106	178
Kh. D. Androsenko and G. N. Sairenkin. Angular Anisotropy of Fission of U^{238} by Neutrons Near Threshold.	108	181
B. M. Aleksandrov, A. V. Kalyamin, A. S. Krivozhanskiy, B. G. Lur'e, A. N. Murin, and Yu. F. Romanov. Mossbauer Effect on Np^{237}	111	186
Yu. M. Ivanchenko and L. A. Zil'berman. Destruction of Josephson Current by Fluctuations.	113	189
A. V. Gurevich. Occurrence of Strong Discontinuities in a Plasma Moving in a Magnetic Field.	115	193
V. A. Belyakov, E. G. Bubelev, and E. S. Kuznetsova. Use of Images of Velocity Space to Study the Kinematics of w^+p Interactions at 7.5 GeV with Identified Proton.	118	197
Varushan Baluni and Nguyen Van Hieu. Lower Limit of the Elastic Scattering Amplitude at Fixed Momentum Transfer, II.	122	203
S. B. Gerasimov. Vector Dominance, ω - ϕ Mixing, and Suppression of ϕ -Meson Photoproduction.	123	205
Yu. V. Afanas'ev, E. M. Belenov, and O. N. Krokhin. Cascade Ionization of Gas in a High-intensity Light Field.	126	209
I. A. Akhiezer and D. P. Belosorov. Anomalous Scattering of Slow Neutrons and Electromagnetic Waves in Ferromagnets with Small Magnetic Anisotropy.	128	212
E. I. Dubovoi and I. S. Shapiro. Internal Bremsstrahlung and Identification of the Mechanism of Binary Direct Reactions.	130	216

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Contents Volume 2, Number 5 · September-October 1966

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	Russian page	English page
Minimization of Microprograms and Algorithm Schemes V. M. Glushkov	1	1
On the Hamiltonian Cycle and the Hamiltonian Chain in the Cartesian Product of Two Graphs. K. A. Zaretskii	4	3
On the Theory of Multitape Automata. B. G. Mirkin	12	9
An Efficient Algorithm for Partitioning an Oriented Graph into Bicomponents. L. Ya. Leifman	19	15
Properties of Direct Constituent Grammars. L. G. Samoilenko	24	19
Abstract Synthesis of a Control Automaton from its Micro- program. A. N. Chebotarev	28	22
Modeling of Discrete Systems on Probabilistic Automata. N. V. Yarovitskii	35	27
An Approach to the Minimization of Systems of Boolean Functions. F. I. Andon	44	34
Synthesis of Threshold-Element Control Devices for Auto- matic Control Systems. V. I. Dvortsin and V. I. Ivanenko	49	38
An Algorithm for Synthesis of Threshold Elements. V. V. Litvinov	57	45
A Class of Equivalent Transformations of Operator Schemes. I. A. S. Nikitin	64	51
A Method of Approximating a Random Vector Function. Ts. S. Khatlashvili	73	58
A Problem in Scheduling Theory. V. A. Perepelita	75	60
An Ergodic Theorem for Markov Processes which Describe General Systems of Queuing Theory. L. I. Eshov	79	63
Algorithms for Constructing Inequalities Satisfied by the Location Parameters of Nonintersecting Bodies. V. L. Rvachev and Yu. G. Stoyan	82	66

(continued)

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Contents (cont'd)

	<u>Start</u> <u>Page</u>	<u>End</u> <u>Page</u>
An External Sorting Algorithm. V. A. Litvinov.....	83	75
Brief Communications		
A Sequential Method of Solving Problems in Planning Coal Mining Operations. V. V. Shkurba, N. I. Ivanov, and A. M. Arabadzhev,.....	99	80

Available From The Faraday Press

LIJEČNIČKI VJESNIK
Vol 89, No 12, 1967

	Page
<i>D. Blažević, V. Dürrigl, J. Miletić, N. Sartorius, D. Stary, M. Sarić and R. Vidjen:</i>	
Psychic Reactions to a Natural Disaster	1
<i>J. Zec:</i>	
Peritoneal Dialysis in the Treatment of Acute and Chronic Renal Failure	16
<i>Z. Perko and I. Simonović:</i>	
Determination of Plasma Iodide by the Method of Isotope Dilution	30
<i>B. Kršnjavi and T. Huziak:</i>	
Trichinellosis	36
<i>I. Petričević:</i>	
Subacute Meningococemia	46
<i>V. Vuković:</i>	
Medical Centers in Large Towns	53
<i>M. Sučić:</i>	
Peritoneal Dialysis	59
<i>M. Bačun-Kubović and V. Puntarić:</i>	
Rubella in the Light of New Discoveries	62

Available From CFSTI TT 67-58020/12

	Page
<i>B. Defilipis and I. Vodopija:</i> The National Economy and Public Health Protection	1
<i>Z. Periš:</i> Dermatitis contacta allergica medicamentosa	11
<i>M. Pečina, J. Zergollern and M. Novoselac:</i> The Anatomical Basis of the Clinical Syndrome of the Medial Tarsal Canal	18
<i>S. Slijepčević and M. Hromadko:</i> The Effect of Succinylcholine on Heart Rhythm	26
<i>S. Zergollern and N. Zaninović:</i> Morbus Hand-Schüller-Christian	31
<i>B. Markičević:</i> Some Aspects of Public Health Protection	36
<i>V. Dugački:</i> Medical Anniversaries in 1968	42

Available From CFSTI TT 68-50051/1

	Page
V. V. Merkulov and L. V. Korsi: Asymptotic Estimation of Radiation Patterns of Nonequidistant Antenna Arrays	837
A. G. Shein and V. K. Pirozhenko: Theory of Coupled Cavity Transmitting Lines	844
N. P. Kerzhentseva: Reflection Factor of Bent Multiwave Waveguide	850
M. F. Bakhareva: Frequency-Space Correlation of Field Fluctuations, Amplitude and Intensity in a Medium with Random Inhomogeneities	855
A. N. Morgunov: Noise Immunity of Amplitude and Phase Information of a Regular Interference Pattern of an Electromagnetic Field	861
V. F. Shukaylo: Distribution of the Absolute Maximum of a Stationary Random Process	867
O. Ye. Antonov and V. S. Ponkratov: Detection of Signal in Noise by Receivers with Nonlinear Fourpoles at the Input	876
V. N. Gornzin, A. A. Yeliseyev, V. I. Metel'skiy and S. D. Solov'yev: Transmission of Random Noise and Signals Through a Multistage Multiplier	883
A. N. Ablin and Yu. L. Khotuntsev: Stability of Regenerative Amplifiers During the Simultaneous Charge in Reactive Parameters and Negative Resistance	887
A. I. Zudov and L. A. Zudova: Current Relaxation in Diode Structures of the Metal-Dielectric-Metal-Type	890
I. F. Anaskin and I. G. Stoyanova: Investigation of Three-Beam Electron Interference Obtained by the use of an Electrostatic Prism	895
E. I. Alekseyev, Ye. N. Bazarov and V. I. Grigor'yev: Effect of Filtering of the Pump Light on the Frequency of the 0-0 Transition of Rb87	903
I. I. Yeru, S. A. Peskovatskiy and A. N. Chernets: Three-Level Andalusite Paramagnetic Amplifier for the 3 cm Range	906
I. I. Yeru, S. A. Peskovatskiy and A. N. Chernets: Four-Level Andalusite Paramagnetic Amplifier for the 3 mm Range	909
A. G. Zhdan, M. I. Yelinson and M. Ye. Chugunova: Effect of Traps and Leakage Currents on the Characteristics of Thin-Film Field Triodes	913
N. S. Lidorenko, Yu. I. Solodyankin, M. L. Fish and A. V. Fokin: The Electrochemical Cell as a Functional Converter	921
A. N. Georgobiani and V. I. Steblin: Current-Voltage Characteristics of p-n Junctions in Zinc Sulfide	924
A. M. Shestopalov: Nonlinear Capacitances Incorporating a p-n Junction Whose High-Resistance Region is Step-Alloyed	927
A. Yu. Anupyl'd, N. N. Goryunov and A. I. Dmitriyeva: Breakdown Localization in p-n Junctions	934
I. M. Chapnik: Stationary Lamination in a Gas Discharge (Investigation of Periodic Solutions of the System of Nonlinear Equations of the Plasma, Using an Analog Computer)	938
BRIEF COMMUNICATIONS	
S. A. Zhevakin and A. P. Naumov: On the Article "The Refraction Coefficient of the Lower Atmosphere at Millimeter and Submillimeter Waves. The Rotary Part of the Dielectric Constant of the Atmospheric Water Vapor at Wavelengths >10 Micrometer"	944

(Contd.)

Available From The Institute of Electrical and Electronics Engineers

A. N. Kovalenko: Input Resistance of a Dipole at the Edge of a Waveguide	946
A. N. Kovalenko: Slot Antenna Input Resistance	949
M. T. Turusbekov, T. Orozobakov and S. S. Morozov: Comparative Estimates of Different Methods of Calculating Field Intensities of Ultrashort Waves Behind Mountain Obstacles	953
V. Ye. Yamaykin: Direction of the Maximum of the Major Lobe of a Linear Antenna Pattern in Scanning by Consecutive Switching	956
O. N. Tereshin, et al.: Synthesis of Relief Impedance Antennas	960
V. A. Venchikov: Amplitude-Time Distortion of Readings	962
V. G. Peshekhonov and B. G. Soldatov: Statistical Estimation of Side Radiation of a Mirror Antenna	965
V. A. Korado: Optimum Detection of Signals with Random Parameters Against the Background of Noise of Unknown Intensity Under Conditions of Constant False Alarm Probability	969
V. M. Smol'yaninov: Effect of Noise Correlation in a Simple Circuit with Coherent Summing Under Diversity Reception	973
A. V. Potapov: Cross-Correlation Function of Two Pulse Trains	977
K. I. Kostygov: Differential Approximation of the Hilbert Transform	980
V. I. Anisimov: Analysis of Electronic Circuits	983
O. I. Mednikov: Phase Stability of Frequency Dividers with Nonlinear Capacitance ..	985
V. P. Torchigin: Some Mechanisms of the Rise of Self-Modulated Oscillations in Microwave Parametrons	988
V. S. Anishchenko and A. I. Shtyrov: Effect of Feeding Energy Along Coupled Helices on the Noise Figure of a TWT	991
Ye. D. Belyavskiy: Application of Variational Methods to the Solution of Interaction Problems in Microwave Devices	993
A. F. Golubentsev and L. M. Minkin: Measurement of Noise Invariants of an Electron Beam by Means of an O-Type Beam Amplifier	996
S. A. Armand: Self-Focusing of a Power Laser Beam in Gases and Liquids	998
N. A. Shekhovtsov and A. A. Mishnev: Investigation of the Switching-on Process of Germanium p-n-p-m-Structures	1001
B. S. Kul'vanskaya and Yu. G. Polyakov: Investigation of Thermionic Emission of Some Materials	1004
B. B. Shishkin, I. Buribayev and V. M. Pumpurs: Spot Fields of an Oxide Cathode ..	1006

EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	\cosh^{-1}
Arcth	\coth^{-1} (ctnh^{-1})
Arsh	\sinh^{-1}
Arth	\tanh^{-1}
arccos	\cos^{-1} (arc cos)
arctg	\cot^{-1} (arc cot)
arcsin	\sin^{-1} (arc sin)
arctg	\tan^{-1} (arc tan)
ch	cosh
cossec	csc
ctg	cot (ctn)
cth	\coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

Available From The Institute of Electrical and Electronics Engineers

~~SIAM~~
Vol 25, No 1, 1968

Winkel, A. The Measurement and Assessment of Dust Concentrations at the Working Place with Special Consideration of the Use of Different Dust Samplers	1
Graue, G. and H. Nagel. Detection and Removal of Fluorine in the Waste Gases of a Steelworks and Measuring Air Quality in Its Surroundings	9
Schneider, W. Long-Duration Fluorine Studies in an Industrial Concentration Area	17
Hauck, H. and J. A. Schedling. A Modified Conifuge	24
Preining, O. The Cross Sensitivities of the Royco Aerosol Photometer PC 200	29
Prinz, B. and H. Stratmann. The Possible Use of Factor Analysis in Investigating Air Quality	33
Communication and Reply	40
Scientific Convention of the "Working Group of the Saarland for Silicosis Research and Silicosis Prevention, Inc." . .	42
Patent Report	43

Available From CFSTI TT 68-50448/1

FOR SCIENTIFIC ORGANIZATION OF LABOR AND CONTROL OVER PRODUCTION.....	1	(1)
SOCIALIST PLEDGES BY STAFFS OF NON-FERROUS METALLURGICAL PLANTS AND ORGANIZATIONS IN THE USSR TO COMMEMORATE THE 50TH ANNIVERSARY OF GREAT OCTOBER.....	7	(6)
M. Sarykhanyan NON FERROUS METALLURGY IN SOVIET ARMENIA.....	10	(8)
V. D. Murashov TECHNICAL PROGRESS AT THE "TUZHURALNIKEL'" COMBINE.....	18	(14)
V. I. Shoberbakov, M. L. Pevzner, M. S. Bagaev, and S. I. Chuvakin INTRODUCTION OF ORE-FEBBLE MILLS IN STAGE I AT THE DARASUN CONCENTRATION PLANT.....	26	(21)
Z. N. Kashurnikov, I. A. Uspenskaya, V. I. Karmasin, and E. E. Sergo AN EXAMINATION OF THE AUTOGENOUS PROCESS FOR DIFFERENT ORES.....	29	(24)
M. Ya. Ryakin and N. M. Bazanova THE TECHNOLOGY OF TREATING DEGTYARSK COPPER-ZINC ORES.....	32	(27)
N. V. Matveenko RELATIONSHIP OF OPTIMUM AND CRITICAL FLOAT PARTICLE SIZE TO ACCELERATED PULP AGITATION.....	34	(29)
V. F. Borbat and O. B. Tikhomirov EXTRACTING IRIIDIUM (IV) FROM HYDROCHLORIC ACID SOLUTIONS WITH COLLECTOR ANP.....	37	(30)
G. S. Berger MECHANISM OF MINERAL FLOCCULATION WITH LONG-CHAIN COLLECTORS.....	40	(33)
N. S. Uglikova and V. A. Perepelitsyn ON EXTENDING THE SERVICE LIFE OF LININGS IN ROTARY TUBULAR FURNACES.....	43	(35)
A. V. Vanyukov, E. N. Mazurchuk, and V. Ya. Zaitsev EFFECT OF SURFACE ACTIVE ADDI- TIONS ON THE REDUCTION RATE FOR OXIDES IN SLAG MELTS.....	47	(39)
Yu. P. Pereplygin, A. Ya. Amas, and A. P. Bol'shakov USE OF GRAPHITE BLOCKS TO IN- SULATE FLUSHING TOWERS IN THE SULFURIC ACID SHOP OF THE UST'-KAMENOGORSK LEAD-ZINC COMBINE (UKSTaK).....	52	(44)
A. D. Klyuchnikov and V. A. Smel'yanov OPTIMUM USE OF THE CYCLONE PRINCIPLE IN MELTING FURNACES.....	54	(45)
A. M. Belevitskii and G. Z. Davydov DETERMINING THE MAINTENANCE PERSONNEL REQUIRED FOR GAS PURIFICATION INSTALLATIONS.....	58	(49)
V. N. Serin, A. A. Kostyukov, and Yu. I. Dvinnin CONDITIONS CONTRIBUTING TO SODIUM PASSAGE TO CATHODE ALUMINUM.....	63	(53)
T. I. Avdeeva and A. A. Novolodskaya EMPLOYING GRAY MUD AS A DESSILICIFYING ADDITION	67	(57)
O. P. Bersinenko and M. M. Vetyukov RATE OF ALUMINA LOSSES IN CRYOLITE-ALUMINA MELTS	71	(61)
K. D. Muzhahavlev, G. V. Olyunin, A. I. Sprygin, and M. A. Prantas'ev EFFECT OF TI- TANIUM IMPURITIES IN RAW MATERIAL ON CURRENT EFFICIENCY, DURING MAGNESIUM ELECT- ROLYSIS.....	75	(65)
V. G. Belousov and G. M. Kovalenko USE OF SILICON RECTIFIERS IN D.C. GRAPHITIZING FURNACES.....	78	(67)
L. I. Lelalova, V. G. Raspopin, S. I. Denisov, and V. V. Borovskikh MATERIAL AND HEAT BALANCES OF FURNACES USED TO SMELT TITANIUM SLAGS.....	81	(69)
I. M. Gratsershtain and L. M. Gelovinskaya THE PROBLEM OF ENGINEERING-ECONOMIC IN- VESTIGATIONS OF TECHNOLOGICAL PROCESSES.....	85	(72)
FOREIGN TECHNIQUES.....	89	(75)

(Continued)

Available From Primary Sources
Vol 8, No 5, 1967

Yu. M. Gibrinetskiy and V. L. Borozhnoi EXTENSION OF FURNACES WITH AN INDEPENDENTLY OPERATING CONTAINER.....	90 (76)
A. I. Baturin COOLED DIES FOR METAL EXTRUSION.....	94 (79)
M. Ya. Brovman, Yu. S. Dodin, and V. N. Seretrennikov SHAPING OF ROLLS FOR THE 630 TWO-HIGH SHEET-ROLLING MILL.....	97 (81)
A. Ya. Borisov, V. I. Shekalov, M. A. Certayk, and A. A. Aleksandrov ROLLING REFRACTORY METALS IN AN INERT ATMOSPHERE.....	99 (82)
A. M. Zelenov, N. T. Ivanova, T. V. Simonishvili, and I. N. Slavyanov GAS CONTENT IN CAST COPPER OBTAINED BY VACUUM MELTING.....	102 (84)
E. Yu. Tret'yakov, S. G. Khoets'yan, and N. S. Il'in OPERATION OF HIGH-TEMPERATURE VACUUM ANNEALING FURNACES.....	104 (85)
T. S. Chernova and T. V. Mogutova STRUCTURE AND PROPERTIES OF THE AT6 ALLOY DURING STRESS TESTS.....	107 (88)
SOPIA MEETING OF METALLURGISTS.....	109 (89)
E. E. Lukashenko REVIEW OF "PURE AND ULTRAPURE METALS" BY V. E. IVANOV, G. F. TIKHINSKII, AND V. M. AMONENKO.....	112 (91)
A. S. Pan'ko OXYGEN USED IN COPPER-NICKEL SMELTING AT THE COPPER CLIFF PLANT (CANADA).....	116 (94)
L. N. Ermolenko HEAT-RESISTANT CASTINGS STRENGTHENED BY EMBEDDED WIRE.....	118 (96)
L. N. Ermolenko HIGH TEMPERATURE THERMOCOUPLE.....	118 (96)

Note: Numbers in parentheses represent page numbers in Russian original.

RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	ACADEMY OF SCIENCES, USSR.
CC CPSU.....	CENTRAL COMMITTEE, COMMUNIST PARTY, SOVIET UNION.
GINTSVETMET.....	STATE INSTITUTE OF NON-FERROUS METALS.
GIREDMET.....	STATE RARE METALS SCIENTIFIC RESEARCH INSTITUTE.
GOSBANK.....	STATE BANK OF THE USSR.
GOSPLAN.....	STATE PLANNING COMMITTEE OF THE COUNCIL OF MINISTERS OF THE USSR.
GOST.....	ALL-UNION STANDARD.
IL.....	FOREIGN LITERATURE PUBLISHING HOUSE.
KAZ SSR.....	KAZAKH SSR.
LPI.....	LENINGRAD POLYTECHNIC INSTITUTE (DR. KALININ).
MEKHANOHHR.....	SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANICAL CONCENTRATION OF MINERALS.
N-O-T.....	SCIENTIFIC ORGANIZATION OF LABOR.
TSIENINM.....	CENTRAL OFFICE FOR INFORMATION ON NON-FERROUS METALS.
VTSFS.....	ALL-UNION CENTRAL COUNCIL OF TRADE UNIONS.
VUZ.....	INSTITUTE OF HIGHER EDUCATION.

Available From Primary Sources
Vol 8, No 5, 1967

Explanations and Abbreviations	v
S. O. KUTENOV and A. M. SOKHENIA. Amino Acid Composition of the Protein Isolated from the Brain of Cattle	1
A. O. MLYSALKOVYKA. Effects of Inhibitors of Monoamine Oxidase of Various Chemical Natures on Indices of Carbohydrate Metabolism in the Rabbit Brain	5
V. I. KOCHERHA and O. P. HOTOVYSEVA. Effect of Iprazide and Transamine on the Activity of Monoamine Oxidase and the Content of Monoamines in the Brain of Rabbits and Dogs	12
E. V. LUHOVSKYL. Study of the Physicochemical Properties of Fibrinogen and Fibrin Monomer of Bulls	18
N. I. STRYZHOVA-SALOVA and A. I. KUTOVYL. Effect of Small Doses of Iprazide on the Functional State of Dogs and on the Content of Ammoniacal Nitrogen, Glutamine, and Amide Nitrogen in Their Brains	26
S. F. EPSHTEIN and O. L. SANINA. Content of Phospholipids in Muscles	32
L. V. ANDRUSYSHYN. Content of Cations and Anions in the Mucous Membrane of the Cattle Rumen	39
V. I. ZHIVKOV and Kh. CHELIBONOVA-LORER. Acid-Soluble Nucleotides of the Pituitary Gland of Cattle	43
S. N. LYZLOVA, N. S. PANTELEEVA, and G. A. YUSHAKOVA. Biochemical Topography of Adenine Nucleotides in the Heart	47
P. F. SHUMOVSKYI (P. F. SZUMOWSKI). Electrophoretic Characteristics of the Spermatoplasm Proteins of Birds	54
M. F. HULYI, L. V. DEACHUK, and H. Kh. MATSUKA. Effect of Inhibition of Krebs Cycle on the Incorporation of 2-C ¹⁴ -Sodium Acetate into the Liver and Kidneys of Rabbits	61
M. E. KUCHERENKO. Effect of Folic Acid on the Activity of DNAase of the Brain of Guinea Pigs in the Normal State and with Acute Radiation Sickness	67
P. F. MINAEV, V. I. KANTOROVA, O. F. LOGVINOVA, A. P. MIRONOVA, and A. I. CHUKHROVA. Increase in the Radiosensitivity of the Nervous System Induced by Enzyme Poisons which Cause an Impairment of Oxidative Processes	78

Available From CFSTI TT 68-50323/2
AEC-tr-6871/2

(Contd.)

UKRAYINSK'YI BIOKHMICHNYI ZHURNAL
Vol 39, No 2, 1967

Z. Yu. NECHYPORENKO and O. H. HONCHARENKO. Deamination of Adenosine in the Cellular Fractions of the Heart Muscle	86
G. I. SAMODANOVA and N. N. YAKOVLEV. Effect of Pangamic Acid (Vitamin B ₁₂) on the Efficiency of Experimental Training	91
A. M. GENKIN and A. P. NIKIFOROV. Effect of Introduction of Glutamic Acid on Its Content in the Tissues of Rats in the Normal State and in Hypoxia	99
V. N. HALAKHOVA. Effect of Zinc Compounds on the Fat Content of Animals Poisoned with Carbon Tetrachloride	104
P. I. SHELESTYUK. Study of Tissue Respiration during Experimental Tetanus	107
H. M. POKOTYLENKO. Content of Pyridine Coenzymes in the Tissues of Rats with Hyperthyroidism	111
K. P. BALYTS'KYI and O. Yu. PRYDATKO. Quantitative Changes in the Collagen Content and Their Role in Malignancy	116

REPORTS

H. I. SYLAKOVA. The Work of the Kiev Department of the Ukrainian Biochemical Society in 1966	119
--	-----

Available From CRSTI TT 68-50323/2
AEC-tr-6871/2

Explanatory List of Abbreviations	v
V. I. TYULENEV and Ya. V. BELIK. Inorganic Pyrophosphatase in the Brain of Susliks in Hibernation and in the Vigil State	1
V. MEZEŠ and F. ZACHAR. Electrophoresis of Soluble Brain-Proteins in Experimental Allergic Encephalomyelitis	8
A. O. MUSYALKOV'S'KA and K. O. HONCHAROVA. Mechanism of the Effect of Iprazide on the Composition of the Components of Carbohydrate Metabolism in the Rabbit Brain	14
V. R. SOROKA. Form of Trace Elements in the Liver During Changes in the Central Nervous System	21
I. Yu. KHYLOBOK. Composition of the DNA Nitrogen Bases in the Liver of Rats of Various Ages	25
H. H. DIDENKO, V. P. KOROTKORUCHKO, and O. T. ROZHKO. Preparation and Characteristics of the "Insoluble" Serum-Protein of Carcinomatous Rabbits	29
L. L. HROMASHEV'S'KA, V. M. DEMCHENKO, and O. M. MYRONOVA. Enzymatic Activity in the Blood Serum and Liver of Animals with Parenchymatous Lesion of the Liver in Relation to the Protein Content in Their Diet	37
E. F. SOPIN and M. E. KUCHERENKO. Effect of Folic Acid on the Metabolism of Phosphoproteins in the Brain in the Normal State and During Acute Radiation Sickness	45
T. M. POZDNYAKOVA and N. M. ORLOV'S'KA. Structure of N-terminal Sections of Various Fibrins	52
H. O. PKHAKADZE. Rate of Renewal of Myofibril Proteins of the Skeletal and Heart Muscles of the Rabbit	60
T. P. BABII, E. B. SKVYRS'KA, and O. P. CHEPYNOHA. Acceptor and Adapter Functions of the RNA Ribosomes of the Rat Liver	66
V. L. TRACHUK. Content of Nucleic Acids in Nuclei of the Liver Cell During the Development of the Human Fetus	72
M. L. KOVALENKO. Ribonucleic Acids of the Rabbit Reticulocytes	77
M. M. POKRAS'ON and E. F. SHAMRAI. Transport Form of Vitamin C in the Animal Organism	82
M. F. LEUS. Level of Synthesis and Decomposition of Thiamine Diphosphate in the Subcellular Fractions of the Liver of Albino Rats	88

(Contd)

Available From CFSTI TT 68-50323/3

AEC-tr-6871/3

UKRAYINS'KYI BIOKHMICHNYI ZHURNAL

Vol 39, No 3, 1967

I. A. AKSAMITNAYA. Determination of 4-Methyluracil in Pure Solutions and Blood Serum.	94
I. V. DEACHUK and M. F. HULYI. Incorporation of 2-C ¹⁴ Sodium Acetate into the Lipids of the Rat Liver During Inhibition of the Krebs Cycle.	99
Z. Yu. NECHYPORENKO and O. P. HOLOBOROD'KO. Deamination of Adenylic Acid by Subcellular Fractions of the Myocardium.	105
N. S. KONONOVA. Nitrogen Metabolism in the Kidneys During Disturbances of the Peripheral Circulation in the Limb.	111
O. S. TSYPEROVYCH and A. L. LOSEVA. Method for the Crystallization of Prease Obtained from <i>Streptomyces griseus</i>	115

REPORTS

A. O. RYBINA and Yu. M. PARKHOMENKO. All-Union Symposium on Thiamine	121
--	-----

The attention of the reader is drawn to discrepancies in the spelling of certain names occurring in this journal. This is due to the different systems for transliterating Ukrainian and Russian cyrillic characters. A list is given below of names with variant spelling.

Transliteration from Ukrainian	Transliteration from Russian
Chepynoha, O.P.	Chepinoga, O.P.
Demchenko, V.M.	Demchenko, V.N.
Didenko, H.H.	Didenko, G.G.
Herasimova, V.V.	Gerasimova, V.V.
Hol'dshtein, B.I.	Gol'dshtein, B.I.
Holoborod'ko, O.P.	Goloborod'ko, O.P.
Honcharova, K.O.	Goncharova, E.E.
Hromashevs'ka, L.K.	Gromashevskaya, L.L.
Hulyi, M.F.	Gulyi, M.F.
Khylobok, I.Yu.	Khilobok, I.Yu.
Kucherenko, M.E.	Kucherenko, N.E.
Leus, M.F.	Leus, N.F.
Matsuka, H.Kh.	Matsuka, G.Kh.
Montsevichute-Eringene, E.V.	Montsevychute-Eringene, E.V.
Musyalkovs'ka, A.O.	Musyalkovskaya, A.A.
Myronova, O.M.	Mironova, E.M.
Nechyporenko, Z.Yu.	Nechiporenko, Z.Yu.
Orlov's'ka, N.N.	Orlovskaya, N.N.
Pkhakadze, H.O.	Pkhakadze, G.A.
Pokras'on, M.M.	Pokrasen, N.M.
Skvyrs'ka, E.G.	Skvirskaya, E.B.
Tsyperovych, O.S.	Tsyperovich, A.S.

Available From CFSTI TT 68-50323/3
AEC-tr-0871/3

UKRAINSKIY FIZICHESKIY ZHURNAL
Vol 12, No 3, 1967

A. M. Korolev. THE EFFECT OF NONLOCAL CURRENTS ON THE NUCLEAR MAGNETIC DIPOLE MOMENTS	355
L. Enkovski and V. V. Kukhtin. MIXING IN THE 189- AND 405-PLETS OF THE SU(6) GROUP	362
V. D. Chesnokova. APPLICATION OF THE OPTICAL MODEL TO THE DESCRIPTION OF EFFECTS IN THE INTERIOR OF A NUCLEUS . .	370
G. K. Khomyakov, N. A. Skakun, and A. G. Strashinskii. ON THE MECHANISM OF PROTON POLARIZATION IN THE REACTION $C^{12}(d, p)C^{13}$ at $E_d = 1.06 - 1.10$ MeV	377
A. N. Kondratenko. PENETRATION OF A LONGITUDINAL ELECTRIC FIELD INTO A BOUNDED MAGNETOACTIVE PLASMA	380
O. F. Nemets and A. T. Rudchik. ANALYSIS OF DIFFERENTIAL CROSS SECTIONS OF THE REACTION $Al^{27}(\alpha, t)Si^{28}$ IN THE DISTORTED WAVE APPROXIMATION	391
Yu. V. Korniyushin. THEORY OF MOBILITY OF CURRENT CARRIERS IN SOLIDS DURING THE PASSAGE OF A SOUND WAVE	395
V. I. Marusyak. THEORY OF ELECTRICAL CONDUCTIVITY FOR IMPURITY SCATTERING OF CURRENT CARRIERS	399
V. P. Kovbasyuk and V. G. Litovchenko. FIELD EFFECT IN THE PHOTO-CONDUCTIVITY OF "PURE" SILICON IN THE INFRARED	404
D. G. Dolgopolo and D. A. Zhogolev. MOMENTS OF MAGNETIC RESONANCE LINES IN LIQUIDS	414
E. A. Tikhonov and M. T. Shpak. INTERNAL MODES IN A RUBY LASER . .	421
V. I. Mel'nik. THE EFFECT OF IMPURITY MOLECULES ON THE TRIPLET-SINGLET TRANSITION IN CRYSTALLINE NAPHTHALENE	426
L. N. Baranov, N. E. Kovpak, and N. A. Khizhnyak. A RESONATOR FILLED WITH AN ARTIFICIALLY ANISOTROPIC DIELECTRIC	431

(Contd)

Available From CFSTI TT 67-51421/3
AEC tr-6869/3

L. A. Gindin and V. B. Rabukhin. SLOW-RATE WORK-HARDENING OF PURE ALUMINUM SINGLE CRYSTALS	438
A. L. Medved'. CARBIDE TRANSFORMATIONS IN CHROMIUM-TUNGSTEN TOOL STEEL	441
E. I. Gladyshevskii, P. L. Kripyakevich, and O. I. Bodak. CRYSTAL STRUCTURE OF CaAl_2Si_2 AND ITS ANALOGS	447
Ya. I. Dutchak, M. F. Panchenko, and N. M. Klym. SOME PHYSICAL PROPERTIES OF ACETIC ANHYDRIDE + WATER SOLUTIONS	453

BRIEF NOTES

A. K. Tereshchenko. CONDUCTIVITY OF A Hg—CaAs RECTIFYING CONTACT	456
G. P. Roshchina and E. D. Ishchenko. LIGHT SCATTERING BY ISOVISCIOUS SOLUTIONS OF n-PARAFFINS	459
A. V. Voitsekhovskii and V. P. Drobyazko. SOLID SOLUTIONS IN THE InAs—CdS SYSTEM	461
Yu. P. Krasnyi and I. Z. Fisher. ABSORPTION OF SOUND NEAR THE CRITICAL POINT IN A PURE LIQUID	462
P. P. Kuz'menko, E. I. Khar'kov, L. N. Korochkina, and I. O. Kovaleva. ELECTRICAL TRANSFER AND ELECTRICAL RESISTANCE PARAMETERS OF IMPURITY ATOMS IN LIQUID LEAD	464
L. L. Kostyrko. ON A POSSIBLE ($7/2^-$) OCTET	466
P. P. Kuz'menko, E. I. Khar'kov, L. N. Korochkina, and G. A. Repechenko. ELECTRICAL TRANSFER AND RESISTIVITY IN THE LIQUID Sn—Ga SYSTEM.	467
M. V. Belous, V. G. Permyakov and V. I. Popov. SOME REGULAR FEATURES OF STRUCTURE FORMATION IN NICKEL AND PERMALLOY VACUUM CONDENSATES	469
A. A. Ptashchenko. STEADY-STATE LIGHT CHARACTERISTICS OF IMPURITY PHOTOCONDUCTIVITY DUE TO SENSITIZING CENTERS IN CdS	471
Z. B. Baturicheva, N. Yu. Gurevich, and N. S. Korolevskaya. THE EFFECT OF COPPER IMPURITY ON THE FORMATION OF TRAPPING CENTERS AND X-RAY LUMINESCENCE OF NaI CRYSTALS	474
V. V. Zotov, Yu. A. Neruchev, and N. F. Otpushchennikov. THE TEMPERATURE COEFFICIENT OF THE VELOCITY OF SOUND AND RAO'S RULE	476

(Contd)

Available From CFSTI TT 67-51421/3
AEC tr-6869/3

UKRAINSKIY FIZICHESKIY ZHURNAL
Vol 12, No 3, 1967

N. N. Pucherov and V. I. Soroka. MEASURING POLARIZATION OF PROTONS ELASTICALLY SCATTERED BY OXYGEN	479
A. Z. Zhmudskii, E. I. Khar'kov, A. G. Rudenko, and L. V. Kulikova. RELATIONSHIP BETWEEN ELECTRICAL TRANSFER AND RESISTANCE PARAMETERS OF IMPURITY ATOMS IN LIQUID CADMIUM	482
N. Ya. Gorid'ko, P. P. Kuz'menko, and N. N. Novikov. THE EFFECT OF SOME IMPURITIES AND THERMOMECHANICAL TREATMENT ON THE PHOTOMECHANICAL EFFECT IN GERMANIUM.	485
N. G. Nakhodkin, P. V. Mel'nik, and Yu. N. Kryn'ko. THE DIFFERENTIAL CROSS SECTION FOR LARGE-ANGLE ELASTIC SCATTERING OF 4-8 keV ELECTRONS AS A FUNCTION OF THE ATOMIC NUMBER OF THE TARGET	489
M. P. Rekalov. HYPERON WEAK RADIATIVE DECAYS AND THE QUARK MODEL OF ELEMENTARY PARTICLES	491
V. A. Lisovenko, V. L. Mel'nik, and M. T. Shpak. FORMATION OF NAPHTHOL IN CRYSTALLINE NAPHTHALENE	493
Ya. I. Dutchak, O. P. Stets'kiv, V. P. Osipenko, and P. V. Panasyuk. THERMAL ELECTROMOTIVE FORCE OF ZINC-TIN LIQUID ALLOYS	496
V. A. Lyubchenko and N. N. Lebedeva. A STUDY OF THE SPECTRAL DISTRIBUTION OF PHOTOELECTRIC RESPONSE OF In_4S_9 SINGLE CRYSTALS	497
V. N. Pushkar' and A. G. Lesnik. A STUDY OF DOMAIN WALL ENERGY AS A FUNCTION OF THE ANGLE BETWEEN THE MAGNETIZATION VECTORS OF ADJACENT DOMAINS	500
V. A. Tyagai, V. N. Bondarenko and O. V. Snitko. CHEMICAL SENSITIZATION OF CADMIUM SULFIDE SINGLE CRYSTALS.	502
L. D. Turyanitsa and D. V. Chepur. TEMPERATURE DEPENDENCE OF THE FORBIDDEN GAP OF SOME $A^V B_3^{VII}$ CRYSTALS	504
L. V. Gvozdevskii. THE THEORY OF MAGNETORESISTANCE OF POLAR CRYSTALS	506
E. A. Sukhomlin, V. A. Suprunenko, L. I. Krupnik, N. I. Reva, P. A. Demchenko, V. I. Tyupa, and A. A. Sakharov. INVESTIGATION OF THE FAST IONS ARISING IN THE INTERACTION OF RUNAWAY ELECTRONS WITH A PLASMA	509
N. G. Nakhodkin, P. V. Mel'nik, and Yu. M. Kryn'ko. ENERGY LOSSES OF 6 keV ELECTRONS IN A TWO-LAYER BERYLLIUM-GOLD TARGET	511

(Contd)

Available From CFSTI TT 67-51421/3
AEC tr-6869/3

A. I. Klimovskaya and O. V. Snitko. THE KINETICS OF FIELD EFFECT ON A CLEAN GERMANIUM SURFACE	513
M. S. Brodin, S. V. Zakrevskii, V. S. Mashkevich, and V. Ya. Reznichenko. A STUDY OF THE STIMULATED EMISSION OF RADIATION BY CdS -CdSe ₁ CRYSTALS FOLLOWING TWO-PHONON EXCITATION	515
L. G. Lishenko, T. S. Nazarova, N. F. Khalin, and V. P. Shelepko. FABRICATION OF TARGETS BY DIRECTED VAPORIZATION IN A HIGH VACUUM	517
E. G. Petrov. INTERACTION OF SPIN WAVES WITH POLARONS IN AN "EASY-PLANE" FERRODIELECTRIC	519
A. A. Koval', E. G. Kopanets, Yu. S. Korda, L. N. Sukhotin, and S. P. Tsytko. THE EXCITATION FUNCTION OF THE REACTION Al ²⁷ (p, γ) Si ²⁸ AT E _p = 2300-3200 keV	521
S. V. Marisova. LOW-TEMPERATURE PECULIARITIES OF THE REFLECTION SPECTRA OF ANTHRACENE CRYSTALS IN THE REGION OF EXCITON EXCITATION	523
V. S. Prokopenko, N. N. Pucherov, and A. F. Rudyk. POLARIZATION OF PROTONS ELASTICALLY SCATTERED BY CALCIUM	526

**Explanatory List of Russian Abbreviations
in Bibliographies**

Abbreviation	Full name (transliterated)	Translation
FMM	Fizika Metallov i Metallovedenie	Physics of Metals and Metal Science
FTT	Fizika Tverdogo Tela	Solid State Physics
UFN	Uspekhi Fizicheskikh Nauk	Advances in Physical Science
UFZh	Ukrainskii Fizicheskii Zhurnal	Ukrainian Physics Journal
ZhETF	Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki	Journal of Experimental and Theoretical Physics
ZhFKh	Zhurnal Fizicheskoi Khimii	Journal of Physical Chemistry
ZhTF	Zhurnal Tekhnicheskoi Fiziki	Journal of Technical Physics

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AEC tr-6869/3

JOURNAL OF ANALYTICAL CHEMISTRY

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Volume 23, Number 3

March, 1968

CONTENTS

	Engl./Russ.	
Increasing the Selectivity and Sensitivity of the Flame Spectrophotometric Method - L. M. Ivantsov and V. I. Lebedev	267	325
The Effect of Certain Factors on the Surge Current in Anodic Amalgam Voltamperometry - L. F. Trushina and M. S. Zakharov.	272	331
Concentration of Impurities by Directional Crystallization - A. N. Kirgintsev and I. I. Gorbacheva	276	336
Determination of the Area of Unsymmetrical Chromatographic Peaks - B. A. Rudenko.	280	341
The Eluting Properties of Solvents - T. I. Bulenkov.	286	348
Some Analytical Properties of Dimethyl- and Diethyldiselenocarbamates and Their Possible Applications - Kh. K. Kirspuu and A. I. Busev	291	354
Arc and Spark Light Sources for Spectrographic Analysis in Which Contamination from the Electrodes is Excluded - D. A. Gran'kova and L. I. Kiselevskii	294	357
The Indirect Polarographic Determination of Aluminum - I. Ya. Putnin' and L. K. Lepin'	298	362
Oscillopolarographic Reduction of Lutecium and Dysprosium - L. T. Azhipa, P. N. Kovalenko, and M. M. Evstifeev.	302	367
Spectrographic Determination of Small Amounts of Thorium in Silicate Rocks - A. K. Rusanov, V. M. Alekseeva, and N. V. Il'yasova	307	373
Coprecipitation of Small Amounts of Molybdenum, Chromium, and Rhenium with Metal Hydroxides - V. I. Plotnikov and V. L. Kochetkov.	311	377
The Use of Phosphoric Acid during the Titrimetric Determination of Molybdenum, Chro- mium, and Vanadium - L. I. Veselago	317	384
Photochemical Reactions in Analytical Chemistry. Communication 4. Photometric De- termination of Uranium (VI) on the Basis of Acetaldehyde Formed during the Photo- chemical Oxidation of Ethanol - A. A. Nemodruk and E. V. Bezrogova.	320	388
The Oscillopolarographic Characteristics of the Behavior of Tellurium (VI) in Acid Solu- tions - E. G. Chikryzova and L. S. Kopanskaya	325	394
Chemiluminescent Determination of Microamounts of Iodine - A. K. Babko, L. V. Markova, and N. M. Lukovskaya	330	401
Elemental Analysis of Organo Phosphorus Compounds Using Selenium as a Desensitizer - A. P. Terent'ev, M. A. Volodina, É. G. Fursova, and G. A. Martynova	336	407
Coulometric Finish for Determining Carbon and Hydrogen in Organic Materials - G. F. Anisimova and V. A. Klimova	339	411
Qualitative Determination of Hydroxyl Groups in Phenolic Carbohydrate Compounds by Complexification with Alkyl Borates - V. V. Gertsev and Ya. Ya. Makarov-Zemlyanski	344	417 (Contd)

Available From Consultants Bureau

Polarographic Splitting of the C-N Bond and the Polarographic Determination of 2-Amino-2-phenylindanediones-1,3 - V. Ya. Vegner, A. K. Aren, Ya. P. Stradyn', and A. R. Veis.....	347	420
Polarographic Determination of Some Impurities in Polypropyleneoxidepolyols - B. M. Bulygin.....	351	425
Gas-Liquid Chromatographic Determination of Glycols and Glycol Ethers - N. N. Kosenko and L. V. Galuzo.....	357	432
Analysis of Mixed Acetic and Higher Fatty Acid Cellulose Esters - L. M. Eliseeva, E. I. Berenshtein, B. I. Aikhodzhaev, and Yu. L. Pogosov.....	361	436
Gas-Liquid Chromatographic Determination of Microimpurities in Tetrahydrofuran - R. N. Mokceva, Ya. A. Tsarfin, and T. A. Polyakova.....	364	439
BRIEF COMMUNICATIONS		
The Use of OsO ₄ as a Catalyst in Titrimetry. Communication 6. The Stability and Deactivation of OsO ₄ Solutions - P. K. Norkus and S. P. Stul'gene.....	367	443
Phosphomolybdovanadic Acid as a Redox Indicator during the Bromatometric Titration of Antimony (III) - K. Liteanu and A. Suteu.....	369	445
Potentiometric Determination of Cesium - G. M. Serebrennikova, L. A. Sazikova, V. E. Plyushchev, and V. D. Stepin.....	371	446
Direct Potentiometric Determination of Copper (I) and Iron (II) with Cerium (IV) Salts - M. M. Buzlanova and N. P. Skvortsov.....	373	448
Increasing the Sensitivity with Which Thallium and Lead Can Be Determined in Aqueous Solutions by Means of Amalgam Polarography with Accumulation - A. V. Kon'kova, V. A. Zakharov, and E. A. Mambetkaziev.....	376	451
Amperometric Titration of Molybdate with Silver Nitrate Solution - O. A. Songina, V. A. Zakharov, and E. A. Mambetkaziev.....	378	453
Separation of Uranium (VI) and Uranium (IV) on Sulfonated Cation-Exchange Resins Containing Different Amounts of Divinylbenzene - Z. K. Karalova, N. P. Shibaeva, and Z. I. Pyzhova.....	381	455
Determination of the Components in Germanium-Molybdenum Systems - O. O. Popova and G. T. Kabannik.....	383	458
Coextraction of Ruthenium with Metal Naphthenates - R. A. Alekperov and N. N. Makov ..	386	460
Separation of Some Pyridine Bases by Paper Electrophoresis - A. P. Musakdn and V. G. Pal'mskii.....	389	463
Determination of Mucoperchloric Acid in the Products from the Oxidative Chlorination of Furfural - V. V. Voronkova, T. I. Bobrova, and L. M. Kogan.....	392	465
Spectrophotometric Microdetermination of Phosphorus in Heteroorganic Compounds - T. M. Shanina, N. É. Gel'man, and T. V. Bychkova.....	395	468
Determination of the Saponification Number of Dicarboxylic Acid Polyesters Based on Diethylene and Ethylene Glycols - O. N. Karpov.....	397	470
CRITICISM AND BIBLIOGRAPHY		
V. M. Tarayan. The Analytical Chemistry of Rhenium - Reviewed by V. M. Peshkova...	400	473
Progress in Nuclear Energy. Series IX. - Reviewed by R. F. Mynasovodov.....	402	474
Fluorescence and Phosphorescence Analysis. Principles and Applications - Reviewed by D. P. Shcherbov.....	404	475
The Development of General, Inorganic, and Analytical Chemistry in the USSR, 1917-1967 - Reviewed by A. V. Davydov.....	406	476
Zofia Jerzmanowska. Plant Materials. Separation Methods - Reviewed by A. A. Nemodruk ..	407	476
New Books.....	408	477
Jaroslav Heyrovsky (December 20, 1890-March 27, 1967) - S. I. Sinyakova.....	410	478

(Contd)

Available From Consultants Bureau

ZHURNAL ANALITICHESKOI KHIMII
Vol 23, No 3, 1968

CONTENTS

(continued)

Engl./Russ.

CHRONICLE

Seminar on Analytical Chemistry - Reviewed by Yu. V. Yakovlev and E. K. Korchemnaya.	411	479
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The Russian press date (podpisano k pechati) of this issue was 3/7/1968.
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Available From Consultants Bureau.

JOURNAL OF ANALYTICAL CHEMISTRY of the USSR

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Volume 23, Number 4

April, 1968

CONTENTS

	Engl./	Russ.
Investigation of Base Protonization Equilibria by Examining the Solubility of the Corresponding Acids - N. P. Komar' and O. S. Musailov.	413	485
The Electronic Structure of Azo Compounds and of Their Complexes with the Elements. Communication 3. A Study of the Structure of the Beryllium and Scandium Complexes of Arsenazo I by the LCAO MO Method - É. L. Kuzin, S. B. Savvin, and L. A. Gribov	418	490
Stabilizing the Sorption Activity of Alumina Used in Thin Layer Chromatography - T. I. Bulenkov.	426	500
Concentration of Elements by Sorption on Phenolformaldehyde Resins - G. V. Myasoedova and L. I. Bol'shakova	429	504
The Use of a DC Arc for the Atomic-Absorption Determination of Traces of Elements - Yu. I. Belynev, L. M. Ivantsov, A. V. Karyakin, Pham Hung Phi, and V. V. Shemet	432	508
A Study of the Indium, Cadmium, and Bismuth Complexes of Xylenol Orange and Their Use for the Photometric Determination of These Elements - K. N. Bagdasarov, P. N. Kovalenko, and M. A. Shemyakina	437	515
Thin Layer Chromatography in Inorganic Analysis. Communication 2. Separation and Determination of Rare Earth and Other Impurities during the Analysis of Lanthanide Preparations of Different Purity - N. S. Vagina and M. P. Volynets	442	521
A Spectrophotometric Study of Some Monoazo Derivatives of R-Salt as Reagents for Gallium - V. D. Salikhov, Yu. M. Dedkov, and M. Z. Yampol'skii	449	529
The Reaction of Zirconium (IV) with Pyrocatechol Violet - V. F. Luk'yanov and E. M. Knyazeva	455	536
Photometric and Extraction-Photometric Determination of Antimony (III) by Means of Pyridylazodiethyl-m-aminophenol and Its Brominated Derivatives - S. I. Gusev and L. V. Poplevina	459	541
Titration of Bismuth (III) with Diethyldithiocarbamate Using a Color Indicator - A. K. Babko and Yu. K. Tselinskii	463	547
Extraction and Determination of Hexavalent Uranium as Its Arsenazo III Complex - A. A. Nemodruk and L. P. Glukhova	467	552
The Use of OsO ₄ as a Catalyst in Titrimetry. Communication 7. The Potentiometric Determination of Borohydrides by Means of K ₂ [Fe(CN) ₆] - P. K. Norkus and S. P. Stul'gine	472	558
Quantitative Determination of Oxygen in Titanium Hydride and Titanium Metal - V. R. Negina, E. A. Kozyreva, and Z. S. Bogatova	476	563
The Sorptive Properties and Gas Content of Different Types of Graphites in Connection with Their Use as Reducing Agents for Determining Gases in Metals - É. E. Vainshtein, R. Sh. Khalitov, A. F. Kuteinikov, and V. A. Egorova	481	568
Chromatographic Analysis of Germanium Tetrachloride for Traces of Organochloro Compounds - N. Kh. Agilulov, I. A. Feshchenko and G. G. Devyatykh	488	575

(Contd.)

Available From Consultants Bureau

Some Problems of the Present State of Physicochemical Methods for the Phase Analysis of Steels and Alloys - N. F. Lashko, L. V. Zaslavskaya, M. N. Kozlova, G. I. Morozova, K. P. Sorokina, N. V. Khakhlova, and E. F. Yakovieva.	488	578
The Use of White Paraffin Oil in Quantitative Infrared Absorption Spectroscopy - A. V. Kerimbekov, L. A. Nesterova, and L. Ya. Panova	500	589
Determination of Hydroxyl Groups in Polyethers - N. F. Smyslova, E. A. Emelin, Ya. A. Tsarfin, and B. M. Bulygin	505	594
Separate Determination of Acrylates and Methacrylates by a Polarographic Method - V. D. Bezuglyi and Yu. P. Ponomarev	510	599
Analysis of Pyromellitic Dianhydride for Its Pyromellitic Acid Content - N. M. Beksheneva, V. P. Borshchenko, A. I. Ikonikova, K. V. Filimonova, and B. M. Mar'yanov	516	606
Gas Chromatographic Analysis of Wood Tar Phenols - Yu. K. Shaposhnikov, L. V. Kosyakova, and É. Z. Druskina	519	609
BRIEF COMMUNICATIONS		
Antipyrine Perchlorate as a Basic Standard for Standardizing Nonaqueous Solutions of Bases and Acids - A. I. Busev, V. F. Akimov, and I. A. Emel'yanova	525	616
Masking of the Reaction between Molybdate and Ferrocyanide by Sodium Fluoride - E. N. Kryachko and Yu. V. Karyakin	528	619
Spectrographic Determination of Impurities in Cadmium Telluride - V. G. Tiptsova, B. S. Krasulina, V. A. Mikhailov, and I. B. Semenova	531	622
Analysis of Heteroorganic Compounds. Communication 3. Determination of Si-H Groups in Organosilicon Compounds by Coulometric Titration - A. P. Terent'ev, E. A. Bodarevskaya, and T. V. Kirillova	534	625
Determination of Hydrogen Peroxide, Peracetic Acid, and Acetyl Peroxide in Each Other's Presence - G. F. Nichugovskii, É. V. Vinogradova, and S. L. Dobychn	537	627
Iodometric Determination of Phenyl Organozinc Compounds - Yu. N. Baryshnikova and A. A. Kvasov	540	630
Potentiometric Titration of Some Pyridyl-Containing Carbonic Acid Derivatives with Tetraethylammonium Hydroxide in Methyl Ethyl Ketone - V. K. Kondratov and E. G. Novikov	542	631
Acetic Anhydride as a Medium for Titrating Cyclopentano- and Cyclohexano-2,3-pyrroles - N. N. Bezinger and G. D. Gal'pern	545	635
A Kinetic Method for Determining α - and β -Naphthol - M. P. Babkin	547	637
Photometric Determination of Carboxylic Acid Hydrazides - A. P. Grekov and S. A. Malyutenko	549	639
Determination of Ethoxy Groups in Ethoxycellulose - M. A. Shlonskaya and K. G. Nogteva	551	640
Gas-Liquid Chromatographic Determination of the Composition of Mixtures of Diprimary C ₄ -C ₁₀ Glycols and Primary Monohydric C ₃ -C ₁₅ Alcohols - N. A. Prokopenko, R. V. Maiorova, and M. I. Dement'eva	554	642
CRITICISM AND BIBLIOGRAPHY		
I. M. Korenman. The Analytical Chemistry of Low Concentrations - Reviewed by V. A. Nazarenko	557	645
CHRONICLES		
A Seminar on the Theory and Use of the Stationary Phase in Gas-Liquid Chromatography - Reported by A. N. Korol'	559	646
Second International Symposium on Oscillometry - Reported by V. A. Zarinskii and O. Klug	561	647

The Russian press date (podpisano k pečatâ) of this issue was 4/8/1968.
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Available From Consultants Bureau

	Page	Russian Reference
High-frequency Stabilization of a Plasma Cylinder Carrying Current in a Longitudinal Magnetic Field. V. P. Gordienko, L. V. Dubovoi, and I. M. Roife	185	54, 345
Galvanomagnetic Properties of Osmium. N. E. Alekseevskii, A. V. Dubrovin, G. É. Karstens, and N. N. Mikhailov	188	54, 350
Angular Dependence of the Energy Spectra of Secondary Ions Scattered by the Surface of a Single Crystal. U. A. Arifov and A. A. Aliev	190	54, 354
Static Magnetic Field Analysis of a Polarized Neutron Spectrum. G. M. Drabkin, V. A. Trunov, and V. V. Runov	194	54, 362
Er → Ho and Er → Tu Excitation Energy Transfers in CaF ₂ Crystals. Yu. Voron'ko, M. V. Dmitruk, V. V. Osiko, and V. T. Udovenchik	197	54, 367
Some Peculiarities of the Transfer of Rotational and Vibrational Energies in Ion-molecular Collisions. G. Polyakova, Ya. M. Fogel', V. F. Erko, A. V. Zats, and A. G. Tolstolutskiĭ	201	54, 374
Effect of Diluting Terbium with Yttrium on the Helical Structure of Terbium-yttrium Alloys. K. P. Belov, R. Z. Levitin, S. A. Nikitin, and L. I. Solntseva	207	54, 384
Neutron Diffraction Investigations of Hydrogen Isotopes from 4.2 to 0.91° K. A. S. Bulatov and V. S. Kogan	210	54, 390
On the Measurement of the Polarization Relaxation Time in a Shock Wave. V. V. Yakushev, O. K. Rozanov, and A. N. Dremĭn	213	54, 396
Intensities of Partial Radiative Transitions to the Ground and First Excited States in Resonances of the Isotope Gd ¹⁵⁵ L. S. Danelyan, B. V. Efimov, and S. K. Sotnikov	213	54, 401
Polarization of Eu ¹⁵⁵ Nuclei in Metallic Samarium. V. P. Parfenova and A. L. Erzinkyan	221	54, 410
Absorption of Ultrasound in Superconducting Aluminum. V. D. Fil', O. A. Shevchenko, and P. A. Bezuglyĭ	223	54, 413
Absorption Saturation Effects in a Gas Laser. V. N. Lisitsyn and V. P. Chebotaev	227	54, 419
Effect of the Geometric Properties of the Environment of the Mössbauer Nucleus in Polycrystals on the Angular Distribution of Resonantly Scattered γ Quanta. B. A. Komissarova and A. A. Sorokin	230	54, 424
Relaxation of μ^+ -Meson Spin in Condensed Media. I. I. Gurevich, L. A. Makar'ina, E. A. Meleshko, B. A. Nikol'skiĭ, V. S. Roganov, V. I. Selivanov, and B. V. Sokolov	235	54, 432
The Equation of State of a Resonantly Excited Gas. Yu. A. Vdovin	242	54, 445
The Asymptotic Solution of the Ising Problem with Arbitrary Interactions between the Particles at Low Temperatures. V. Ya. Krivnov, O. A. Ol'khov, and B. N. Provotorov	248	54, 456
On the Visualization of Ions in Supercooled Fluids. A. F. Pisarev	251	54, 463
Concerning the Production of Particle Traces in Binary Liquid Solutions Under Critical Lamination. A. F. Pisarev and V. A. Biryukov	255	54, 469
Cyclotron Resonance in an Inclined Magnetic Field. M. Ya. Azbel' and V. G. Peshanskiĭ	260	54, 477
Theory of Multiple Scattering. III. Yu. N. Gnedin, A. Z. Dolginov, and A. I. Tsygan	267	54, 491
Reggeon Graphs and the Relation between the Asymptotic Behavior of the Amplitude for Three-particle Production and the Two-particle Reaction Amplitude. A. A. Ansel'm and I. T. Dyntlov	275	54, 508
Non-linear Stationary State of Electron Oscillations in a Plasma. A. V. Gurevich	282	54, 522

-- (Contd)

Available From The American Institute of Physics
Vol 27, No 2, August 1968

	Page	Russian Reference	
On the Upper Boundary of the Velocity of Propagation of Simple Waves for the Non-linear Wave Equation	289	54,	536
Dynamic Theory of Vibronic Spectra of Molecular Crystals	292	54,	542
Theory of the Muonium Mechanism of Depolarization of μ^+ Mesons in Media	301	54,	559
Spin Waves and Localized Spin States in Crystals with Dislocations	307	54,	571
Kinetic Equation for Low-density Particles Interacting with Phonons	313	54,	583
Effect of Electric Field and Energy Dispersion Law on Plasma Oscillations in Semiconductors	318	54,	592
Concerning the De Hass-Van Alphen Effect in Case of Magnetic Breakdown	324	54,	603
Generalization of the Ginzburg-Landau Equations for Non-stationary Problems in the Case of Alloys with Paramagnetic Impurities	328	54,	612
Kinetic Theory of the Synchrotron Instability of a System of Relativistic Electrons in Plasma	335	54,	627
The Diffusion Equation for the Density Matrix	342	54,	641
Production of Boson Resonances in the Quark Model	347	54,	652
Axiomatic Field Theory and Current Algebra	350	54,	656
The Hydromagnetic Stability of Stationary Flows	355	54,	666
Quantum Processes in a Constant Uniform Electric Field	360	54,	676
On the Kinetic Theory of Absorption of Fourth Sound	366	54,	689

Available From The American Institute of Physics
 Vol 27, No 2, August 1968

	Page	
	Engl.	Russ.
N. P. Krylov. Quantum Oscillations of Velocity and Damping of Helicons in Indium.	1	3
Yu. F. Komrik and E. I. Bukhshtab. Quantum Size Effects in Thin Tin Films.	4	9
B. V. Novikov, E. F. Gross, and M. A. Drygin. Role of Exciton States in the Process of Photocurrent Formation in Germanium. .	8	15
G. A. Askar'yan. Self-isolation of Surface of a Body in a Medium Against Intense Light Flux. Induced Mirage.	10	19
N. V. Karlov, Yu. B. Konev, Yu. N. Petrov, A. M. Prokhorov, and A. M. Stel'makh. Laser Based on Boron Trichloride.	12	22
N. G. Basov, S. D. Zakharov, P. G. Kryukov, Yu. V. Sendetskii, and S. V. Chekalin. Experiments on Neutron Observation by Focusing Powerful Laser Emission on the Surface of Lithium Deuteride.	14	26
A. A. Slutskin and A. M. Kadigrobov. Quantum Magnetic "Traps" in Metals.	17	31
E. A. Shapoval. Exact Solution of the Decorated Ising Model with Nonmagnetic Impurities.	20	36
A. I. Akhiezer and I. A. Akhiezer. Possibility of Observing Zero Sound in Nuclei by Radiative Pion Capture.	24	42
A. N. Moskalev. Parity Nonconservation and the Reaction $n + \alpha \rightarrow \gamma + \text{H}_3$	27	46

Available From The American Institute of Physics

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Volume 38, Number 4

April, 1968

CONTENTS

	Engl./	Russ.
Physicochemical Analysis of Ternary Systems of Dimethyl Sulfoxide with Phenol, Acetone, Acetamide, and Urea - V. F. Chesnokov, I. M. Bokhovkin, and E. O. Vitman	659	681
Physicochemical Analysis of Binary Liquid Systems Formed by N,N-Diethylaniline with Haloacetic Acids - Yu. Ya. Fialkov and S. N. Kholodnikova	663	685
Periodicity in the Changes in Impurity-Distribution Coefficients in Crystallization Processes - S. A. Shchukarev, É. E. Kononov, and Sh. I. Peizulaev	667	690
Complex Formation of Iodine with Quinoline and with Acridine in Nitrobenzene - E. N. Gorenbein, A. K. Trofimchuk, and I. L. Abarbarchuk	673	697
Interaction of Antipyrine with Benzoic and Salicylic Acids - N. Z. Rudenko and Z. A. Busurina	676	700
Synthesis and Bromination of Allyl (trifluoromethyl)acetylenes - V. A. Konotopov, Yu. I. Porfir'eva, and A. A. Petrov	679	703
Reactions of Trifluoronitrosomethane with Amines. IV. Reactions of Trifluoronitrosomethane with Hydrazine and Hydroxylamine and Their Derivatives - S. P. Makarov, A. Ya. Yakubovich, A. S. Filatov, M. A. Englin, and T. Ya. Nikiforova	685	709
Synthesis of Optically Active Secondary Mono- and Di-Amines - A. P. Terent'ev, E. G. Rukhadze, V. V. Dunina, and E. V. Drobyshevskaya	691	715
Amino Acids and Peptides. I. Synthesis of Fully Protected Nonapeptide with the Oxytocin Sequence and with a 3-Nitro-L-tyrosine Residue in the 2-Position - O. A. Kurov, V. F. Martynov, and V. B. Morozov	696	720
Amino Acids and Peptides. II. Synthesis of Protected Nonapeptides with the Oxytocin Sequence and with a Sarcosine or N-Methyl-L-norvaline Residue in the 7-Position - O. A. Kurov, I. M. Lushchitskaya, and V. F. Martynov	699	724
Syntheses in the Natural Amino Acid Hydrazine Series. IV. Hydrazones Formed by Some Ketones of the Androstane Series with Hydrazides of Natural Acetamido Acids - N. M. Khvorova, L. N. Volovel'skii, and Z. V. Pushkareva	702	727
Chemical Structure of Albomycin. XXII. Peculiar Features of the Formation of Iron Complexes of Peptides and Cyclopeptides and Their Antimicrobial Properties - N. A. Poddubnaya, Ahmed M. el Naggat, I. N. Skvortsova, and G. N. Balandina	707	732
Effect of Carboxylic Acids on the Acylation of Aromatic Amines by Arenesulfonyl Halides - L. M. Litvinenko and V. A. Savelova	712	737
Rate of Acylation of Aromatic Amines by Arenesulfonyl Halides in Dioxane - L. M. Litvinenko and V. A. Savelova	721	747
Interaction of α,β -Unsaturated Ketones with Trichloroacetic Acid. VII - V. N. Tolmachev, A. M. Volovik, N. D. Trusevich, and V. F. Lavrushin	729	756
(Hydroxymercuri)-benzoic and -Salicylic Acids - M. K. Saikina, L. V. Lavrukhina, and V. F. Toropova	732	759 (Contd)

Available From Consultants Bureau

(continued)

	Engl./Russ.
s-Triazines. VIII. Condensation of Perfluoro Olefins with Benzamidine - A. V. Fokin, A. V. Davydov, Ts. N. Roginskaya, and V. P. Grigor'ev.	735 762
Compositions and Structures of Substances Prepared from Sclareol. II. Dehydration of Sclareolaldehyde - V. E. Sibirtseva, L. I. Kaufman, and S. D. Kustova.	738 766
Transannular Amide-Amide Interaction in Cyclopeptides under Mass-Spectrometry Conditions - Yu. V. Denisov, V. A. Puchkov, N. S. Vul'fson, Ts. E. Agadzhanian, V. K. Antonov, and M. M. Shemyakin	743 770
Mass-Spectrometric Determination of the Amino Acid Sequence in Peptides. IX. Synthesis of Peptide Derivatives Containing Phenylalanine and Tyrosine Residues - E. I. Vinogradova, V. M. Lipkin, Yu. B. Alakhov, M. Yu. Feigina, and Yu. B. Shvetsov	749 777
Mass-Spectrometric Determination of the Amino Acid Sequence in Peptides. X. Synthesis of Peptide Derivatives Containing Histidine and Tryptophan Residues - E. I. Vinogradova, V. M. Lipkin, Yu. B. Alakhov, and Yu. B. Shvetsov.	757 787
Mass-Spectrometric Determination of the Amino Acid Sequence in Peptides. XI. Laws Governing the Fragmentation of Peptides Containing Aromatic and Heterocyclic Amino Acids - M. M. Shemyakin, Yu. A. Ovchinnikov, A. A. Kiryushkin, E. I. Vinogradova, Yu. B. Alakhov, V. M. Lipkin, and B. V. Rozynov.	765 798
Polyfluoro Azo Compounds. I. Condensation of Polyfluoronitrosoalkanes with Primary Amines - V. A. Ginsburg and N. F. Privezentseva.	794 832
Gas-Phase Reaction of Chlorodifluoronitrosomethane with Butadiene and Some Reactions of the Adduct Formed - A. V. Fokin and A. T. Uzun.	799 836
Bipiperidines. I. Products of the Reduction of Bipyridines - Yu. N. Forostyan, E. I. Efimova, and V. I. Novikov	802 839
Synthesis of Organotin Compounds of the Alicyclic Series Containing Glycol and Glycerol Residues - G. F. Rubinchik and Z. M. Manulkin.	804 841
Reactions of Triethylhydroxytin with Diethylcadmium and with Triethylaluminum - V. N. Pankratova and L. P. Stepovik.	807 844
Cause of the Stereoselectivity of the Wittig Reaction with Nonstabilized and Partially Stabilized Phosphorus Ylides - L. D. Bergel'son, L. I. Barsukov, and M. M. Shemyakin	810 846
Phosphorylation of Aryl Thiocyanates - V. I. Shevchenko, N. K. Kulibaba, and A. V. Kirsanov.	814 850
Alkylthionophosphine Sulfides. VII. Synthesis of O-Alkyl and O-Aryl S-2-(ethylthio)ethyl Alkylphosphonodithioates and 2-(ethylthio)ethyl N-Substituted P-Alkylphosphonamido-dithioates - O. N. Grishina, L. M. Kosova, and I. A. Elfimova	817 853
Heterocyclic Phosphorodithioates. II. Esters and Salts of Cyclic O,O-Alkylene Hydrogen Phosphorodithioates - N. I. Zemlyanskii, V. P. Kalashnikov, and A. P. Gupalo	819 855
Reactions of Chlorophosphines with Methacrylamide - V. K. Khairullin, R. M. Kondrat'eva, and A. N. Pudovik.	822 858
Reactions of Phosphoramidous Esters. XIV. Action of Alkyl and Acyl Halides on Mixed Phosphorous-Sulfonic Amides [Dialkyl Alkyl(alkylsulfonyl)phosphoramidites] - V. S. Abramov and M. G. Gubaidullin	826 862
Reactions of Dialkyl Hydrogen Phosphites with Aldehydes and Ketones. XXXIV. (α -Acetoxymethyl)- and (α -Acetoxy-2-thenyl)phosphonic Esters - V. S. Abramov and I. V. Shergina.	830 866
P-Methylphosphonohydrazidic and P-Methylphosphonohydrazidothioic Esters - M. A. Englin, A. S. Filatov, Z. I. Fraer, V. K. Promonenkov, and S. Z. Ivin.	833 869
P-Alkyl-N-(trichlorophosphoranylidene)phosphonamidic Derivatives - V. A. Shokol, G. A. Golik, and G. I. Derkach	836 871
1-Aryl-3-(triphenylphosphoranylidene) Ureas - I. N. Zhmurova and A. P. Martynyuk	841 876

(Contd)

Available From Consultants Bureau

(continued)

Engl./Russ.

Phosphonous and Phosphonic Derivatives. LIII. 2-Butenylphosphonous Esters, Their Synthesis and Properties - B. G. Liorber, Z. M. Khammatova, A. I. Razumov, T. V. Zykova, and T. B. Borisova	843	878
Synthesis of Some Saturated and Unsaturated Methyl- and 1,3-Dimethyl-cyclopentylphosphonic Esters - M. I. Aliev, N. I. Podobaev, and S. Z. Israfilova	848	883
Unsaturated Organosilicon Compounds. XX. Kinetics of the Bromination of 1,3-Enynic Sila Hydrocarbons and Some of Their Hydrocarbon Analogs - N. N. Belyaev, M. D. Stadnichuk, and A. A. Petrov	851	886
Chemistry of Epoxides. XXVIII. Addition of Alkylchlorosilanes to 3,4-Epoxy-1-butene and 2-Chloro-3,4-epoxy-1-butene - A. V. Bryskovskaya and V. M. Al'bitskaya	858	893
Synthesis of Silylalkanoyl Chlorides - N. S. Fedotov, I. G. Rybalka, and V. F. Mironov	861	896
Aminolysis of Polyfunctional Chloro(chloroorgano)silanes - D. Ya. Zhinkin and V. B. Losev	864	900
Synthesis of 3,3'-(Tetramethyldisiloxanylene)dipropionitrile - A. P. Kryuchkova and G. A. Shvekhgeimer	866	902
Synthesis of Low-Molecular-Weight Polydimethylsiloxanes with Ester End Groups - G. A. Shvekhgeimer and A. P. Kryuchkova	868	904
Reactions of Triethylsilane and Its Analogs with Tetraethyllead - N. S. Vyazankin, G. S. Kalinina, O. A. Kruglaya, and G. A. Razuvaev	870	906
Carbofunctional Organosilicon Compounds. III. Reactions of (1,3-Dimethyldiphenyldisiloxanylene)dialkanols with Mono- and Di-Isocyanates - N. P. Smetankina and L. E. Karbovskaya	875	911
Polyfluoroaryl Silicon Derivatives. I. (Pentafluorophenyl)-silanes and -siloxanes - A. L. Klebanskii, Yu. A. Yuzhelevskii, E. G. Kagan, G. A. Nikolaev, and A. V. Kharlamova	878	914
Infrared Spectra of Quinones in the 1600-1700 cm ⁻¹ Range - B. S. Kikot', A. A. Matveeva, V. S. Martynov, A. N. Makarova, and A. Ya. Berlin	883	919
Relations Holding in the Infrared and Electronic Spectra of Arenesulfonyl Azides - V. A. Gal'perin and G. P. Balabanov	889	926
Polarography of Some Pyrazoline Derivatives - N. P. Shmanskaya, N. A. Lodygin, and V. D. Bezuglyi	893	929
Preparation of Copper Complexes of Some Isomeric Halo Hydroxy Azo Compounds - C. V. Mikheeva, M. A. Andreeva, V. Makhdi, and B. I. Stepanov	896	933
Hydrogen Bond in Formazans - A. P. Novikova, M. P. Kozina, D. N. Shigorin, and I. Ya. Postovskii	898	934
Organic Insectofungicides. Preparation of p-Methoxybenzyl Dithiocarbamates - N. N. Mel'nikov, N. A. Popovkina, A. F. Prokof'eva, and I. L. Vladimirova	901	938
LETTERS TO THE EDITOR		
Addition of Secondary Amines to 3-Buten-1-ynyltrimethylsilane - M. D. Stadnichuk	903	939
Polarographic Study of Nitrobenzene Adsorbed on Charcoal from Aqueous Solution - V. Yu. Glushchenko	904	940
Formation of Phenylaminy Oxide Radicals in the Reactions of N-Phenylhydroxylamine with Aldehydes - V. M. Kazakova, I. G. Makarova, L. A. Neiman, and M. N. Shemyakin	905	941
Reactions of Butyl Glyoxylate with Trialkyl Phosphites - A. N. Pudovik, I. V. Gur'yanova, and S. P. Perevezentseva	907	942
Synthesis of Alkylidenephosphoramidic Esters - Yu. L. Kruglyak, G. A. Leibovskaya, I. I. Sretenskaya, V. V. Sheluchenko, and I. V. Martynov	908	943
Synthesis of Phosphorylated 1,3-Dioxoles - A. I. Razumov and P. A. Gurevich	909	944
Synthesis of Phosphorylated 3,5-Pyrazolidinediones - A. I. Razumov and R. L. Yafarova (Poznyak)	910	944

(Contd)

Available From Consultants Bureau

(continued)

	Jl./Russ.	
DISCUSSIONS		
Compounds with P-P Bonds. III. Internal Rotation in Diphosphorus Tetrahalides - G. M. Bogolyubov.	71	945
To Our Readers	915	949

The Russian press date (podpisano k pechati) of this issue was 3/27/1968.
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CONTENTS

Engl./Russ.

Purification of Crystalline Hydrated Cadmium Nitrate - M. V. Mokhosoev, T. T. Got'manova, and V. I. Krivobok.	457	469
Absorption of Concentrated Sulfur Dioxide in a Fluidized Catalyst Bed - Yu. V. Filatov and E. P. Mukhlenov	463	475
Utilization of Glass of the Composition $Li_2O \cdot Ga_2O_3 \cdot 2SiO_2$ - T. S. Tsekhomskaya and S. K. Dubrovo	468	480
Equilibrium between Nitrogen Oxides and Nitric Acid Solutions - L. Ya. Tereshchenko, V. P. Panov, and M. E. Pozin	474	487
Phase Diagram of the System Zirconium-Zirconium Nitride-Zirconium Carbide - I. N. Danisina, Yu. N. Vil'k, R. G. Avarbé, Yu. A. Omel'chenko, and T. P. Ryzhkova	478	492
Investigation of Glass Formation and Properties of Aluminum Phosphate-Fluoride Glasses - L. N. Urusovskaya, V. N. Kostomarova, and R. I. Sinikas	486	500
Interfacial Tension between Aluminum and Caustic Alkali Melts - V. K. Shcherbakov and S. I. Kuznetsov	490	505
Investigation of Titanium Corrosion in a Silicate Melt by Emission Spectrum Analysis - A. A. Appen, I. B. Ban'kovskaya, and Kh. I. Zil'bershtein	494	509
Electrochemical Production of Sodium Chlorate - V. A. Shlyapnikov, V. N. Suchkov, and V. A. El'tsov	499	514
Study of the Surface of Titanium Pickled in Acids - E. S. Zhiganova and K. P. Batashev	505	521
Synthesis and Properties of an Inorganic Zirconium-Vanadium Ion Exchanger - V. A. Shichko and E. S. Bolchinova	510	526
Corrosion of Certain Structural Steels in Alkaline Silicate Solutions - M. G. Manvelyan and K. G. Saakyan	515	531
Chemical Changes of Sorbic Acid on the Surfaces of Iron and Nickel during Acid Corrosion - A. M. Lolua, N. N. Kachanova, and I. N. Putilova	518	534
Effect of Temperature on the Rate of Scale Removal from the Surface of Low-Carbon Steel - T. V. Malysheva, A. S. Afanas'ev, and L. D. Grigor'eva	523	539
Study of the Physical and Mechanical Properties of Copper on the Fatigue Strength of Alloys - N. P. Fedot'ev, E. S. Yakubovskii, E. G. Kruglova, and M. K. Kosarova	528	545
Electron-Reduction Polymers with Improved Kinetic Properties - N. M. Kruglikova and A. M. Pashkov	533	551
Effect of Electroosmosis on the Kinetics of Capillary Rise and Moisture Distribution in Cement Powder Diaphragms - O. N. Grigorov, E. V. Gribanova, and L. M. Kalyuzhnaya	538	557
Removal of Sodium Carbonate from Liquors with the Aid of Hydrocyclones in the Lime-Soda Process of Caustic Soda Manufacture - A. I. Postoronko, V. S. Derevyanko, and I. I. Rosenko	543	563

(Contd.)

Available From Consultants Bureau - 150 -

	Engl./Rusa.
Multicomponent Rectification Calculations - V. V. Popov	546 566
Analysis of the Concentration Equation for Multistage Countercurrent Interphase Transfer - B. G. Mel'nikov	550 571
Influence of the Formation of Complexes of Germanium with Tartaric Acid on Sorption of Germanium from Solutions by Activated Carbon - E. A. Kogan and D. Ya. Evdokimov.	557 579
Investigation of Phase Equilibrium in the Ternary System Vinyl Acetate-Methanol-Water. .	560 583
Liquid-Vapor Phase Equilibrium in the System Ethyl Acetate-Ethanol-Methyl Ethyl Ketone under Atmospheric Pressure - S. V. Babich, I. V. Borozdina, T. M. Kushner, and L. A. Serafimov	565 589
Stability of AV-17 Anion Exchange Resin when Heated in Phenol and Acetone - M. A. Shaburov and K. M. Saldadze	568 592
Separation of Xylenes by Clathration with Beryllium Oxybenzoate - V. S. Bogdanov and M. F. Khabibullin	573 598
Use of High-Frequency Titration for Investigation of the Acidic Characteristics of Certain Lignin Samples - T. M. Vasil'eva, R. K. Boyarskaya, and G. P. Grigor'ev	577 603
Properties of Certain Sulfonated Ion Exchangers Based on Linear Polymers - A. A. Vasil'ev, T. S. Tsygankova, and V. S. Matrosova	582 609
Elucidation of the Chemical Nature of Soda Lignin - M. F. Kiryushina and D. V. Tishchenko.	585 613
Preparation of Cellulose Triacetates of a High Degree of Polymerization - N. I. Klenkova, O. M. Kulakova, N. D. Tsimara, N. A. Matveeva, and E. N. Khlebosolova	592 620
Increase of the Water Resistance of High-Strength Polyvinyl Alcohol Fibers during Heat Setting - L. E. Utevskii, K. E. Perepelkin, Z. F. Prokhorova, and A. I. Meos	598 627
BRIEF COMMUNICATIONS	
Chlorination of Titanium-Magnesium Slag - Ya. I. Ivashentsov and L. P. Ponomareva	602 631
Determination of the Vapor Pressure of Water over $\text{CuCl-NH}_4\text{Cl-H}_2\text{O}$ Solutions - O. N. Temkin, R. M. Flid, T. G. Sukhova, E. G. Chepaikin, and G. F. Tikhonov.	604 633
Changes on Keeping of the Activity of Silicon-Copper Alloys in Synthesis of Methylchloro- silanes - N. P. Lobusevich, S. A. Golubtsov, L. A. Malysheva, L. I. Lainer, and I. V. Trofimova	607 635
Influence of Certain Impurities on the Iron Content in Solutions of Caustic Alkalies - M. M. Kushnir	610 638
Separation of Sodium by Electrodialysis from Solutions Containing Vanadium - V. L. Zolotavin, A. P. Yatsenko, and Kh. A. Kurumchin	613 640
Solution Densities in the System $\text{Na}_2\text{O-K}_2\text{O-H}_2\text{O}$ over Wide Ranges of Temperature and Concentration - V. P. Mashovets, V. V. Kurochkina, N. V. Penkina, L. V. Puchkov, and M. K. Fedorov	617 643
Vapor Pressures of Acetonitrile and of Solutions of NaI in Acetonitrile at Temperatures from 5 to 50° - V. V. Kushchenko and K. P. Mishchenko	620 646
Electromigration of Perrhenate Ions - A. S. Goncharenko	622 648
Investigation of the Corrosion Structure of Alloy Surfaces in the Cu-Ni System by Measure- ment of the Electronic Work Function after Treatment with 18% Ammonia Solution - V. V. Skorcheletti, A. M. Makhnovetskaya, and S. S. Kotova	625 651
Calculation of Resistance Coefficients of Flat Grids - L. N. Grigoryan, M. F. Mikhailov, P. G. Romankov, and I. A. Shchuplyak	627 652
Guanidine Hydrochloride - I. Kh. Fel'dman, A. I. Berlin, and N. Ya. Kozarinskaya	631 655
Quantitative Chromatographic Analysis of Simple Phenols - A. I. Yuditskaya	632 656
Some Features of the Reduction of Germanium Dioxide by Hydrogen - N. A. Vasyutinskii, G. I. Petrov, A. P. Sidorenko, and Yu. L. Rys'eva	634 657
Continuous Condensation of Benzyl Chloride, p-xylyl Chloride, and p-xylylene Chloride with Toluene - N. K. Moshchinskaya, A. M. Karateev, and N. G. Glukhovtseva	637 660

(Contd)

Available From Consultants Bureau

(continued)

Engl./Russ.

Use of an Ion Exchange Resin for Esterification of Adipic Acid - V. M. Tursin and L. G. Chebotareva	640	662
Preparation of Diketosuccinic Acid - G. N. Tyurenkova and G. N. Lopunova	643	664
Condensation of Certain Terpene Hydrocarbons with Formaldehyde in Presence of KU-2 Cation Exchange Resin - V. I. Isagulyants and S. V. Khomko	645	665
Catalytic Synthesis of N,N-Diethylamides of Aliphatic Monobasic Acids - Ya. I. Leitman and M. S. Pevzner	648	668
Synthesis of Acrylonitrile Copolymers Containing Highly Reactive Anhydride Groups - L. D. Mazo, A. I. Ezrielev, and E. S. Roskin	650	670
Some Features of the Oxidation of Decalin in Presence of Polymethacrylate - G. N. Ivashkina, S. Z. Kaplan, and K. P. Mishchenko	654	674
Iron Compounds in Kaolins - V. V. Lapin and D. V. Tishchenko	657	677
Infrared Spectra of Lignins - D. D. Maisaiya and G. P. Grigor'ev	660	679
Kinetic Method of High-Frequency Titration - D. D. Maisaiya and G. P. Grigor'ev	663	682
Use of the Inhibition Method for Studying Oxidation of a Naphthene-Paraffin Fraction and of a Solution of Polymethacrylate in It - L. F. Efimova and S. Z. Kaplan	666	684
Mono- and Dialkylation of Guaiacol by Olefins in Presence of KU-2 Cation Exchange Resin - S. P. Starkov, B. A. Baranov, and M. N. Volkotrub	671	688
Condensation of Phenylbutadiene with Formaldehyde in Presence of KU-2 Resin - V. I. Isagulyants, T. G. Khaimova, and A. I. Arkhipova	674	690

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CONTENTS

		PAGE	RUSS. PAGE
Drift Instability of Plasma with Charged Impurities. <u>V. P. Silin</u>	(T)	715	945
Vibrational-Dissociative Relaxation behind a Shock Front. <u>N. V. Leont'eva and Yu. P. Lun'kin</u>	(T)	722	956
Comparison of the Probe and Optical Methods of Measuring the Parameters of Low-Temperature Cesium Plasma. <u>G. A. Dyuzhev, V. B. Kaplan,</u> <u>B. Ya. Moizhes, G. E. Pikus, G. A. Shakhnazarova, and V. G. Yur'ev</u>	(T)	726	963
A Study of Transverse Plasma Injection into a Toroidal Magnetic Field. <u>I. I. Demidenko, N. S. Lomino, and V. G. Padalka</u>	(E)	730	968
Distribution of Potential in a Quasistationary Coaxial Plasma Injector. <u>A. Ya. Kislov, A. I. Morozov, and G. N. Tilinin</u>	(E)	736	975
Vacuum System of the Sirius Stellarator. <u>E. D. Volkov, V. N. Kozlov,</u> <u>S. A. Kruglov, V. M. Lunev, R. M. Nikolaev, A. A. Romanov, and</u> <u>L. P. Sablev</u>	(E)	739	979
Diffusion in an Unstable Highly Inhomogeneous Plasma. <u>N. S. Buchel'nikova</u> <u>and R. A. Salimov</u>	(E)	745	986
Plasmoid Structure in a Coaxial Injector. <u>V. I. Vasil'ev, V. S. Komel'kov,</u> <u>and S. S. Tserevitinov</u>	(E)	749	991
Production of High-Intensity Hydrogen-Ion Beams. <u>G. I. Dimov,</u> <u>Yu. G. Kononenko, O. Ya. Savchenko, and V. G. Shamovskii</u>	(E)	754	997
Experimental Verification of the Concept of Equivalent Pressure in a Hot Mercury Arc. <u>V. N. Kostin, V. M. Sorokina, and I. V. Tomov</u>	(E)	761	1005
Theory of the Cathode Fall in a Glow Discharge. <u>N. V. Volkov</u>	(T/E)	765	1010
Investigation of the Breakdown Characteristics of an Electrical Discharge in Helium. I. <u>I. M. Bortnik</u>	(T/E)	769	1016
Investigation of the Breakdown Characteristics of an Electrical Discharge in Helium. II. <u>I. M. Bortnik</u>	(T/E)	777	1026
Metal Optical Waveguides. <u>V. A. Pruzhanovskii</u>	(E/T)	784	1035
Strong-Focusing Ion-Optical System for a Mass-Spectrometer Ion Source. I. Formation of Quasiparallel Beams. <u>L. N. Gall', R. N. Gall', and</u> <u>M. S. Stepanova</u>	(T/E)	790	1043 (Contd)

Available From The American Institute of Physics
Vol 13, No 6, December 1968

		RUSS. PAGE	PAGE
Strong-Focusing Ion-Optical System for a Mass-Spectrometer Ion Source.			
II. Formation of Flat Beams. <u>L. N. Gall', R. N. Gall', V. A. Demidova, and M. S. Stepanova</u>	(T/E)	794	1048
Fringe-Field Distribution in a Magnetic Spectrometer with a Homogeneous Field and Shields. <u>N. G. Afanas'ev, V. A. Gol'dshtein, and S. V. Dementii</u>	(E)	798	1052
Focusing of Small Particles by Planar Electrostatic Fields. <u>N. I. Shtepa</u>	(T)	803	1060
Investigation of a Nonstationary Current in an Iron-Free Betatron.			
<u>O. E. Zhukov, D. P. Ivanov, and Yu. S. Korobochko</u>	(E)	808	1067
Ionization of Kr⁺ Ions by Electron Impact. <u>Z. Z. Latypov and S. E. Kupriyanov</u>	(E/T)	811	1070
Thermophysical Parameters of a Material and Electrode Erosion in a High-Current Vacuum Discharge. <u>V. V. Kantsel', T. S. Kurakina, V. S. Potokin, V. I. Rakhovskii, and L. G. Tkachev</u>	(E)	814	1074
Inductance and Internal Resistance of Vacuum Disk Switches. <u>G. N. Aretov, V. I. Vasil'ev, M. I. Pergament, and S. S. Tserevitinov</u>	(E)	818	1079
BRIEF COMMUNICATIONS			
Series and Parallel Connection of Pulsed Discharge Tubes. <u>S. I. Andreev and V. E. Gavrilov</u>	(E)	822	1085
Longitudinal Mode Selection in the He-Ne Laser. <u>V. Yu. Petrun'kin, M. G. Vysotskii, and V. V. Klyubin</u>	(T/E)	824	1087
Temperature Dependence of Helium-Neon Laser Output at Low Temperatures. <u>K. V. Bol'shova and A. A. Shubin</u>	(E)	827	1090
Resistance of a Xenon Plasma in a Large Flash Lamp. <u>I. V. Demenik, V. E. Mnuskin, B. V. Skvortsov, and V. B. Fedorov</u>	(E)	829	1092
Optimum Gas Mixture in the He-Ne Laser and the Field Distribution in the Resonator. <u>Yu. M. Golubev, V. E. Privalov, S. A. Fridrikhov, and V. A. Khodovoi</u>	(E)	833	1097
Reduction of the Oscillation Threshold of an Uncooled Injection Laser by Uniaxial Compression. <u>P. G. Eliseev, M. A. Man'ko, and V. P. Strakhov</u> ..	(E)	836	1100
LETTERS TO THE EDITOR			
Electron Confinement Region in Electron Cyclotron Resonance in a Magnetic Mirror. <u>B. V. Galaktionov, V. V. D'yachenko, K. M. Novik, and A. D. Piliya</u>	(E/T)	838	1102
Determination of Current Density near the Cathode. <u>R. Basharov, E. N. Gavrilovskaya, O. M. Malkin, and E. S. Trekhov</u>	(R)	841	1105

Available From The American Institute of Physics
Vol 13, No 6, December 1968

INDEX TO AUTHORS

This index does not include authors listed in the cover-to-cover tables of contents.

- A -			
Abaszade, A. K.	54	Azbel, D. S.	36
'Abd al-Azim, Lutfi	17	Azhgirey, G. D.	44
Abramov, D. S.	63	Azovskiy, Yu. S.	72
Abramov, G.	1	Azovtsev, N.	5
Abramova, T. I.	51	- B -	
Abramovich, S. Sh.	55	Baborovksy, B.	58
Abramson, M. S.	45	Bacci, C.	52
Abrashin, N.	61	Bachmann, Kurt	14
Absie, E.	52	Baez, Luis	21
Afanas'yev, V.	81	Bagdasarov, G. S.	64
Agdamskiy, T. A.	35	Bahvalov, N. S.	62
Akhundov, A. A.	35	Bakuma, P. F.	64
Aksenonok, G. A.	26	Balakhovskiy, I. S.	33
Akulintsev, V.	4	Balasiewicz, Dionizy	9
Akutin, M. S.	56	Ballco, Pandush	7
Albrecht, Dieter	8	Balygin, I. Ye.	72
Aleksandrov, A. A.	57	Banki, Pal	8
Aleksandrov, A. N.	41	Barak, D.	65
Aleksankin, A.	26	Baramboym, N. K.	41
Alekseyev, G.	30	Baranenko, P. M.	51
Alekseyevskiy, Ye.	26	Barankov, P. A.	69
Alizade, Z. A.	57	Baranov, Yu. I.	39
Ambartsumyan, S. A.	71	Baranski, Wlodzimierz	52
Ambroz, J.	42	Barbashova, Z. I.	29
Andreyev, O.	76	Bardin, V. I.	45
Andreyev, V. D.	64	Barillon, Raymond	14
Andryanova, N. V.	67	Barkan, S. A.	39
Anichin, V. F.	32	Barthel, Guenther	16
Anikeyev, V.	30	Basen, Rafael	17
Anisimov, B. V.	49, 51	Bashev, Ivan	11
Anisimov, V. V.	49	Bashin, M. L.	29
Anoshchenko, N. D.	25	Basov, V. A.	35
Antipov, B. A.	74	Bates, Drago	67
Antonov, A. N.	74	Baturin, F. A.	1
Antonovic, G.	47	Baumgartl, E.	60
Antretter, Richard	66	Bayeras, G. I.	40
Aranda, M. A.	67	Becker, R.	52
Arduini, C.	71	Becvar, Otakar	8
Argiopulo, A. I.	82	Beibutova, S. S.	36
Arsenenkov, M. A.	63	Belkina, A. I.	31
Artemenko, B. N.	56	Belotserkovskiy, O.	6
Ashimbayev, T. A.	63	Belov, A. P.	36
Askerov, Ch. I.	48	Belov, B. I.	50, 51
Avdeyev, M. I.	30	Bely, Yu. A.	54
Avi'am, Yeshayahu	34	Benzaghoul, Djamel	16
Aymanov, K.	6	Beresner, B. I.	54

Berezhetskiy, M. S.	72
Berezin, I. V.	40, 71
	76
Bergmann, P.	66
Berka, Jaroslav	8
Berlinguer, Enrico	14
Bernard, M.	77
Besshaposnikov, A. A.	76
Biberman, L. M.	73
Bich Hoa	18
Bierett, G.	60
Bittner, Horst	1
Bobrov, N.	81
Bocharova, A.	65
Bogachev, I. N.	56
Bogatikova, L. N.	74
Bogatov, G. B.	80
Bogomolov, G. I.	74
Bogoyavlenskiy, K. N.	57
Boguslavskiy, B. L.	65
Boguslavskiy, Ye. A.	38
Bohm, H. H.	59
Bolotin, V. F.	70, 73
Bolotin, V. V.	73
Bondarenko, S. D.	56
Bondarev, Ye. N.	73, 74
Bonev, L. E.	70
Borisov, A. A.	45
Borisov, L. A.	44
Borisov, V. T.	71
Borisov, Ye.	44, 82
Borisova, I. Yu.	36
Borovikov, A. M.	29
Borowski, K.	60
Borshchenko, V. P.	38
Bdurrat, J.	58
Braipson, Joseph	14
Brauner, J.	59
Bray, I. V.	53
Brechen, B.	8
Brekhovskikh, S. M.	70
Brish, A. A.	79
Bromirski, Jerzy	52
Brovman, Ye. G.	72
Budin, Jaroslav	7
Buhler, H.	78
Bui Huy Dap	27, 28
Buinitzskiy, V. Kh.	46
Bukhanevich, V. F.	57
Bukhovtsev, B. B.	75
Bulqunduz, Ithman	15
Bulygin, M. G.	38, 39
Bunich, P.	3
Burmistrov, Ye. F.	39
Bursiyan, N. R.	41

Burylev, B. P.	74
Buttner, J.	59
Buyvol'Kot, Yu. I.	51
Bykov, A. N.	42
Bzhalava, I. T.	29

- C -

Caille, Jacques	15
Calderon, Rolando	23
Caljuk, Z. B.	62
Callado, Antonio	20
Cambi, E.	80
Carmona, Augusto	23
Castio, Julio	22
Cervenkovici, Andrei	13
Chebotayev, V. P.	70
Chen, J.	77
Chen, Jui-Ch'ih	69
Chen Tao-I	57
Chernikova, N. G.	31
Chernozyukov, N. I.	55
Chernyak, B. I.	37
Chetyrkin, D. L.	64
Cheyshvili, O. D.	71
Chi I-ch'i	18
Ch'iao, Meng-Ch'en	69
Chirikov, B. V.	61
Chon Tae-yong	18
Chousterman, S.	33
Chrbolka, Jaroslav	8
Christensen, E.	34
Chu Manh	19
Chuprov, M. Ye.	51
Chushkin, P. I.	73
Cihal, V.	57, 58
Cipek, Karel	7
Cizkovsky, Milan	7
Colson, R.	42
Comellas, Miguel	21
Comon, J.	58
Conkic, Stevan	11
Constantinescu, Emilia	12
Correa Rios, Enrique	23
Correnti, V.	25
Corvalan, Luis	23

- D -

Dalcq, A.	33
Dama, O.	59
Danecki, Jan	11
Danelyan, G. G.	40
Danilyuk, I. I.	62
Darzanin, Tsevi	16

de Andres, M. P.	60
De Bennetot, M.	77
Dedkov, Ye.	1
Dejace, Theo	14
Dembicka-Jellonkova, S.	61
Dem'yanovich, V. K.	28
Dem'yanovich, Yu. K.	28
Denisov, A. A.	49
Denisov, Ye. T.	71, 75
Derevyanko, N. F.	76
Derzhko, M. V.	53
Deuscher, Karl	66
de Witte, G.	58
Deza, M. Ye.	69
al-Dib, Muhammad	16
Dimitriu, C. Gh.	35
Dimitrov, Atanas G.	7
Dimitrov, Dimitur	7
Dinculescu, S.	10
Dinh Con	19
Dluzniewski, Erich	66
Dmitriyev, V. F.	51
Dolitskiy, A. V.	44
Dolomanova, Ye. I.	76
Domaradskiy, I. V.	26
Dorfler, G.	78
Dorfman, A. Sh.	61
Doring, W.	52
Dorlam, H.	60
Dorofeyev, G. V.	7
Dovzhenko, Yu. M.	51
Dremlyug, V. V.	46
Drumaux, Marc	13
Druz, V. A.	41
Dubinskiy, Yu. A.	62
Dubois, Paul	22
Duboshin, G. N.	80
Dubova, V. A.	32
Dudorov, N. P.	1
Dufour, H.	46
Dukham, N. S.	56
Dumov, V. I.	65, 79
Duzinkevich, S.	65
D'yachkovskiy, F. S.	41
D'yakova, M. A.	56
Dzhikidze, Ye. K.	29

- E -

Eberhard, O.	46
Edelman, M.	70
Ehrlich, Wolf	17
Eidmann, H.	34
Eishenberger, V.	65

El Fassi, Allal	16
El Gammal, Tarek	59
Emanuel, N. M.	39
Erdey-Gruz, Tibor	83
Eschke, W.	52
Espe, W.	77
Espin, Vilma	21
Euler, A.	42
Euler, H.	42, 78

- F -

Fadeyev, M. D.	62
Fahrenkrog, Heinz	8
Farkas, Gabor	34
Fedorov, Yu. I.	56
Fedoruk, B.	2
Fedynskiy, V. V.	45
Fel'dbaum, A. A.	29
Ferdman, M. I.	3
Ferenbac, I.	13
Fernandez Caubi, Luis	22
Fesenko, V. I.	48
Feyigin, S. A.	55
Fialkowski, Konrad	52
Figuieres, Leo	14
Filali, Abdellatif	16
Filimonov, V. N.	25
Filipescu, Valantina	12
Filip'ev, I. N.	46
Filippov, S. I.	54
Filyukov, A. A.	72
Finyagin, A. P.	75
Firsov, V. G.	53
Fischer, W. A.	59
Fishchuk, B.	53
Florov, Ivan	7
Fradkov, A. B.	75
Freyman, V. B.	32
Freymann, R.	77
Frisman, Ye. V.	41
Friss, Istvan	11
Frohlich, H.	25
Frolov, I.	5
Fukuo Nobuhei	68

- G -

Gak, I. I.	51
Gak, Yu. V.	36
Galenko, N. V.	39
Galeyev, I. A.	79
Galon, Aryeh	16
Gal'perin, Ye. L.	40

Ganichev, I.	3
Garin, M.	6
Garkusha, N.	26
Gavril, C.	10
Gazditski, I.	48
Gerasicheva, Z. V.	37
Gerasimov, B. Ya.	65
Gershman, B. N.	28
Geynisman, Yu. Ya.	29
Gheorghiu, M.	44
Gil'man, G. I.	48
Gil'man, T. P.	48, 56
Ginzburg, T.	81
Ginzburg-Kalinina, S. I.	30
Gio Nom	19
Girard, H.	78
Gladkova, G.	5
Gladkovskiy, V.	57
Glagolyev, V. M.	72
Gluvacov, Ion	13
Goetsch, W.	34
Goginyan, Ye. A.	37
Gol'berg, M. A.	75
Golikov, V. M.	71
Golov, D. O.	33
Golovko, G.	64
Golubev, T. M.	54
Golubev, V. S.	72
Gomez Otalora, Hernando	21
Gonor, A. L.	63, 74
Gontareva, R. G.	54
Gonzales Lopez, J. L.	27
Gorbov, F. D.	80
Gorecki, W.	60
Gorelik, I. I.	30
Gornev, V. F.	51
Gorokhovnikova, A. I.	31
Gorokhovskiy, G. A.	56
Gorshkov, A. M.	63
Gorskaya, N. M.	73
Greysukh, V. L.	48
Grigoryan, Ye. G.	26
Grigor'yev, Ye.	30
Grinshteyn, Yu. L.	70
Gritsenko, P.	3
Gromov, B. A.	39
Gromov, V. F.	41
Grossmann, H.	60
Gruzewski, Stanislaw	9
Guan King-hua	77
Gucwa, Stanislaw	27
Guevara, Ernesto	21
Guiraud, J. P.	25
Guttet, Jean	27
Gulyayev, A. P.	57

Gurariy, G. Z.	45
Gurevich, Yu. G.	54
Guseva, Ye. G.	72
Gushchin, I. Ye.	64
Gvozdenovic, Dragutin	10
Gvozdeva, L. G.	74
Gyulikhandanov, Ye. L.	57
Gzapczynski, Jan	12

- H -

Hadzovic, Hilmija	27
Hajdu, J.	60
Han Weng-loong	57
Hansen, O.	34
Harmel, Claude	14
Harsu, Nicolae	10
Hartmann, D.	53
Harveng, I.	58
Harwig, M.	52
Hashimoto, H.	44
King Hassan II	15
Hatch, R. W.	52
Hayes, W. D.	66
Hegedus, Andras	11
Hein, W.	80
Heisenberg, W.	78
Heller, W.	59
Hergenbahn, R.	60
Herman, M.	79
Hernandez, Alberto	22
Hernandez Parker, Luis	21
Hertwig, O.	33
Hildebrandt, A.	52
Hirasa, K.	43
Hirayama, T.	43
Hloch, A.	42
Ho Yu-Ping	77
Hoang Chi	19
Hoang Tuan	35
Hoang Tuy	20
Hoang Van Van	18
Hoffmann, A.	59
Honma, T.	61
Hornbogen, E.	61
Horvath, Janos	78
Hosaka, Y.	43
Hoyermann, K.	42, 78
Hsiang-ch'u	70
Hsin, C.	25
Hsu Hua-ying	29
Huang, Yuan-Shih	77
Husson, J.	58

- I -

Idczak, E.	79
Ignatova, M. I.	31
Igumnov, M.	2
Imani, Mohamed	16
Imedadze, V. V.	48
Inge-Vechtomov, S. G.	29
Ioanoviciu, M.	53
Iofa, Z. A.	76
Iogansen, A. V.	36
Iovchuk, S.	3
Isagulyants, G. V.	37
Isakov, Ya. I.	35, 38
Iseliani, A. N.	47
Ishchuk, Yu. L.	56
Ishikawa, S.	43
Ishmayev, S. N.	70
Iskanderov, I.	2
Ismailov, A.	45
Isotow, A. A.	46
Ivanov, A. V.	73
Ivanov, I.	5
Ivanov, Kostadin	7
Ivanov, L. P.	41
Ivanov, Leonid	26
Ivanov, S. A.	1
Ivanov, S. R.	51
Ivanov, V. D.	25
Ivanov, V. M.	30
Ivanov, V. V.	62
Ivanova, N. N.	55
Ivonov, V. M.	32
Iwasaki, H.	44
Izmaylova, N. B.	31
Izrailjev, F. M.	61

- J -

Jankovic, Nevenka	11
Jargon, F.	59
Jedrzejczek, A.	9
Jelinek, F.	58
Jerala, Tomislav	10
Jirasek, Jaroslav	7
John, Friedmar	8
Jorge Martinez, Jose	22
Jozsef, Robert	83
Julien, Claude	21, 22
Julitz, H.	52
Jurczak, K.	61

- K -

Kabko, G.	3
Kabylbayev, Sch.	6
Kadyshev, L.	4
Kalashnikova, L. A.	39
Kalatozishvili, N. I.	47
Kalinowski, B.	71
Kalning, I.	60
Kalweit, Werner	8
Kaminskiy, P. V.	53
Kamshalov, A.	4
Kandzyuba, A.	1
Kantorovich, B. V.	75
Kapeliuk, Amnon	17
Kapitanova, S. A.	71
Kapo, Hysni	11
Karpenko, G. V.	36
Karpov, V. Ya.	72
Kartasheva, V. N.	30
Kashin, L. A.	44
Kashtanov, A. I.	70
Kas'yanova, L. K.	31
Katskova, O. N.	73
Kawai, S.	43
Kayrukshtis, V. B.	6
Kazanskiy, V. L.	55
Kazartsyev, V.	4
Kedrov, B.	30
Kessler, H.	59
Kessler, K.	59
Khachtryan, A. A.	71
Khamidov, A.	53
Khanin, K. K.	64
Khar'ko, T.	2
Khavkin, V. A.	55
Khazanova, L. Ye.	30
Khoja, Ahmed	15
Khokhryakov, Yu.	1
Kholodova, Yu. D.	40
Khomyakov, K. S.	51
Khristoferzen, G. S.	64
Khromov, A. V.	72
Khudyakov, G. Ye.	74
Kim Tong-gyu	19
Kirillov, V. V.	72
Kiselev, I. A.	45
Kiselev, V. A.	71
Kiselinchev, Slavcho	7
Kishinskiy, V. V.	45
Klein, S.	35
Klenha, J.	42
Klesl, Emil	80
Kliyantov, N. V.	75

Kobrinskiy, G. D.	31
Kobrow, A.	68
Kocharyan, N. M.	35
Kohler, E.	52
Kolebayev, A.	1
Koleda, F. A.	51
Kolesnikov, A. G.	45
Kolesnikov, G. S.	40
Kolesnikov, I. M.	76
Kolobikhin, V. A.	38
Komnik, Yu. F.	77
Komoda, R.	44
Kondratkov, T.	5
Kon'kov, V. G.	48
Konradi, G. G.	81
Kopay-Gora, P. N.	48
Koppl, Ladislav	7
Kornev, K.	26
Korniyets, D. V.	71
Korobkov, Yu. S.	68
Korotich, V. I.	54
Korshak, V. V.	72
Koryagin, V. V.	45
Koshmarov, Yu. A.	73, 75
Kosov, V. V.	26
Kottmeier, F.	68
Kovachich, Yu. V.	47
Koval, E. Z.	33
Kovalenko, A.	26
Kovalev, M. P.	72
Kovalevskiy, N. N.	75
Kovarskaya, B. M.	39
Koyama, T.	67
Kozhemyako, V.	4
Kozhin, S. A.	39
Kozhushnyak, S. I.	64
Kozlov, N. T.	5
Kozlov, V.	5
Kozlov, V. K.	51
Krakow, H.	59
Kranenberg, M.	60
Krasner, L. V.	40
Krauss, Krzysztof	12
Kravchenko, N. A.	32
Kravchenko, V. G.	56
Krayko, A. N.	73
Kraynov, L.	4
Kreczkowska, Eugenia	9
Kresta, J.	42
Krichever, S. S.	65
Krizenechy, J.	33
Krueger, F. W.	70
Krumbiegel, D.	26
Krushinskiy, L. V.	30
Kruzhkov, S. N.	62

Kryukov, A. S.	3
Kucherov, V. F.	40
Kuderskiy, L. A.	46
Kukharchik, M. M.	41
Kulagin, V. K.	29
Kuliyev, A. M.	54, 57
Kuliyeva, N. A.	26
Kul'vets, P.	2
Kuo Tso-kung	57
Kupchynaw, B. I.	54
Kurchatov, B. V.	78
Kurilova, Yu. V.	28
Kurowski, Stefan	10
Kurz, B.	79
Kusama, J.	44
Kuts, S.	5
Kuzin, V.	2
Kuz'min, S.	69
Kuznetsov, A. V.	74
Kuznetsov, M. G.	49
Kuznetsov, O. N.	7
Kuznetsov, P. V.	2
Kuznetsov, V. D.	69
Kuznetsov, V. K.	48
Kuznichikhin, N.	64

- L -

Lachs, Manfred	81
Laidler, Konstanty	9
Lambotte, Robert	16
Lamerhav	17
Lampe, J.	61
Lapin, B. A.	29
Lapusan, Ion	35
Lasocki, Jerzy	10
Lazarev, F. V.	82
Lazitch, Branko	24
Lazovskaya, O. V.	55
Le Quang Hoa	20
Le Thanh	19
Le Theit Hung	19
Lebedev, A. I.	72
Lebedev, N. N.	39
Lebedev, O. T.	48
Lebedev, V. I.	7
Lecomte, J.	77
Lederle, T.	46
Leistner, D.	52
Leitman, K. A.	41
Leonov, V. P.	62
Leontovich, M.	74
Leontyev, A.	4
Lepechinsky, D.	70
Leszkowicz, Stanislaw	9

Levallois, J. J.	46
Levente, Mihail	10
Levin, V. M.	53
Levinter, M. Ye.	55
Lewandowski, Jędrzej	27
Lewicki, Bronislaw	9
Leymonie, C.	58
Li T'ieh Cheng	77
Li, Y.	77
Li You-yi	69
Liberman, Ya. G.	1
Libin, Yu. V.	72
Ligum, T.	25
Lindemann, G.	78
Lindquist, J.	58
Liperovskiy, V. A.	76
Lipskiy, Yu. N.	28
Lisanka	24
Lisov, O. I.	50
Liszi, J.	61
Livshits, R. M.	40
Logunov, A. I.	62
Logvinov, L.	4
Longo, Luigi	14
Lucke, O.	46
Lucki, Marian	9
Lukovkin, A. I.	75
Lukovnikov, A. F.	41
Lunev, V. V.	73
Lungu, G.	13
Luong Dinh Cua	28
Lutsiv-Shumskiy, L. P.	77
Lyubarskiy, G. D.	36

- M -

Ma Da-you	82	Meyer, W. A.	61
Macaurel	23	Meyerovich, I. I.	75
Machado, J. B.	35	Meyerson, G.	54
Machu, W.	59	Mezali, Hocine	15
Mader, K.	46	Michard, J.	58
Makarov, S. Z.	36	Mihail, R.	44
Makhan'kov, V. Ye.	51	Mikhaylov, B.	5
Mal'tsev, V. N.	33	Mikhaylov, G. P.	40
Malyein, N. S.	6	Mikhaylov, M. G.	70
Mamba, Jean-Bosco	15	Mikheyeva, N. N.	48
Mamediy, Ye. M.	48	Mikulasova, D.	44
Mammedov, R. S.	26	Miller, V. B.	42
Mamonov, Ye. I.	49, 50	Minachev, Kh. M.	35, 36, 37, 38
Mananobu Nicmura	79	Mineyev, Yu. V.	49
Mandak, Vaclav	12	Minlos, R. A.	75
Manrique, Francisco G.	24	Mirkovic, Todor	20
Marec, Jean-Pierre	80	Mirkovic, Vladislav	13
Margaria, R.	33	Miron, C.	53
Maria Gutierrez, Carlos	22	Mironenko, V. A.	79
Markevich, S.	1	Mitin, V.	35
Martinson, Ye. N.	65	Mitrega, Jan	47
Martynov, V. M.	74	Mitrofanov, V.	82
Martynov, Ye. D.	54	Mitrovic, Radomir	10
Masaharu, N.	79	Mkhaylova, G. M.	32
Mashkin, A.	5	Moiseyev, I. I.	35, 36
Maslyanskiy, G. N.	39, 41	Moldau, Kh.	71
Masnikosa, V.	62	Moldovan, Petre	27
Massiot, G.	78	Monges Caldera, J.	47
Masumov, V. I.	53	Moritz, H.	47
Mats, V.	29	Morozov, A. A.	48
Matsulenko, V.	5	Moryc, Bronislaw	12
Matsumo, T.	43	Morzhakov, S. P.	72
Maturana, Marcelo	22	Moschwitzer, A.	52
Matveyevskiy, R. M.	55	Motora, S.	67
Mavrov, M. V.	40	Movsumzade, M. M.	36
Mayevskiy, I.	2	Mucha, F.	71
Mayiorov, D. M.	39	Muller, H.-G.	60
Maykapar, G. I.	25	Muller, W.	81
Mazin, I. P.	29	Munz, D.	78
Medem, V. M.	37	Murahaski, S.	44
Medvedev, V. I.	49	Murgulet, Nicolae	10
Medvedeva, L. I.	41	Mustafayev, R. A.	54
Meinshausen, G.	60	Muzychenko, L. A.	36
Melamed, M. M.	64	Myagkov, V. A.	37
Mel'nik, P. L.	55	Myznikov, K. N.	65
Mel'nikov, A.	64	Mzhavanedze, V. P.	5
Menget, J. M.	25		
Mercouroff, W.	78		
Meshcheryakov, A. I.	29		
Mesyatsev, P. P.	50		
Metelitsa, D. I.	41		
Meyer, H.	83		

- N -

Nacken, M.	59
Nadezhina, Ye. D.	28
Nadol'nikov, A. G.	76
Nakae, H.	61
Navoznov, O. I.	73
Naydonov, D. V.	63

Neiland, V. Ya.	74
Neiman, M. B.	40, 42
Nejkov, Dusan	11
Nekrasov, V.	64
Nemilov, N. F.	70
Nepper, M.	58
Nesmelov, V. V.	37
Nesmeyanov, A. N.	42
Nesterov, P. V.	76
Neumann, W.	60
Neyland, V. Ya.	72
Nguyen Thi Song	27
Nguyen Van Hai	18
Nguyen Van Huyen	20
Nguyen Van Tien	19
Nguyen Xuan Tuan	27
Niedermeyer, H.	78
Niese, Guenther	33
Nikitin, G. O.	33
Nikitin, M.	5
Nikitin, V. A.	68
Nikolayev, A. V.	46
Nikolic, Borislav	11
Nikolic, Bozidar	84
Nikolayev, R.	4
Nikolic, Milos	67
Nikolov, Ivan	7
Nikonorov, I. V.	64
Niksic, Milorad	27
Nitsch, E.	80
Nobori, H.	43
Nogteyev, N. N.	54
Norden, A.	80
Norenkov, I. P.	50, 76
Nosayev, G. A.	40
Novak, L.	58
Novikov, I. I.	54
Novikov, N. M.	65
Novikova, L. A.	38
Novozhilov, I. V.	62
Nunez, Carlos	22
Nuriyev, Z.	26

- O -

Oganesyan, Sh. S.	37
Ognajanovac, Miljenko	67
Ohtani, S.	43
Okhotsimskiy, D. Ye.	80
Okhrimenko, I. S.	40
Okruzhnov, A. M.	38
Oleynik, I.	3
Olivares B., Augusto	24
Ol'shanetskiy, A.	2

Olteanu, I.	10
Omarov, O. Yu.	41
Oparin, I.	29
Opitz, H.	60
Orayevskiy, A. N.	74
Orlita, A.	55
Orlitova, I.	55
Orlov, V. A.	39
Orlowicz, Franciszek	9
Ortega, Carlos	22
Orudzheva, I. M.	54
Osipov, L. N.	55
Oskolkov, A. P.	62
Ostrekin, M. Ye.	46
Ostrovskiy, A. L.	44
Otero, Lisandro	22
Ottow, M.	59
Ovchinnikov, S.	3
Oziranskiy, S. L.	53

- P -

Pajestka, Jozef	10
Pak Hui-sok	18
Palatnik, L. S.	72, 77
Panariti, Dhori	11
Panchenkov, G. M.	37, 55
Panferov, V. P.	50
Panknin, W.	60
Panov, V. V.	56
Panov, Yu. A.	73
Panteleyev, N. A.	45
Papok, K. K.	56
Paramonov, V. K.	69
Parczewski, W.	29
Parfenov, V.	2
Parin, V. V.	80
Past, V. Ye.	76
Paulon, J.	25
Paushkin, Ya. M.	41
Pavel'ev, A. A.	73
Pavlov, B. M.	76
Pavlov, V. G.	73
Pavlovskiy, I.	5
Pedro Bonavita, Luis	27
Pellinen, L. P.	45
Pen'kov, A. M.	25
Pereira de Queiroz, Maria-Isaura	21
Perenalov, V. I.	81
Perez Jimenez, Marcos	23
Perezhigina, I. Ya.	55
Perfrigens, Cl.	31
Peron, Juan	21

Perovskaya, Ye. I.	47
Peschka, W.	78
Pessi, Ville	4
Petrenko, F.	4
Petrosayan, Ye. A.	31
Petrosyan, Ye. A.	31
Petrov, A. V.	49
Petrov, G.	2
Petrov, G. A.	51
Pfeffer, W.	33
Pflugger, E.	33
Pham Van Dong	18
Phan Quang	28
Phuong Hong	20
Piasecki, Boleslaw	9
Pikayen, A. K.	40
Pikelner, S. B.	30
Pilotovich, S.	4
Pilyutik, A. G.	62
Pimenov, Vl.	4
Pinheiro, Luiz Carlos Martins	83
Pita Astudillo, Felix	21
Pitsch, W.	59
Pivnik, Ye. M.	56
Pivovarov, A. P.	41
Plakhotnikov, V. D.	69
Pleshkov, B.	30
Pleskov, Yu. V.	76
Plotnikov, K.	4
Podwysocki, Tadeusz	9
Pokasov, V. V.	74
Polackova, B.	42
Polanyi, M.	42
Poletavkin, P.	53
Poletayeva, T. I.	38
Polikovskiy, V. I.	65
Polukhin, V.	63
Pomey, G.	60
Ponghis, N.	58
Pontryagin, L. D.	61
Popescu, V.	79
Popescu, Vasile M.	10
Popov, I. I.	71
Popov, S. G.	73
Popov, Yu. V.	75
Popovic, Bozidar	67
Poppmeier, W.	59
Porchelli, A.	6
Porcinai, Pietro	68
Potapenko, F. G.	1
Pothea-Laurent, Ch.	77
Potiyevskiy, O. I.	51
Povzhitkov, M. M.	33
Pozo	20

Pozo, Alberto	21
Predvoditeleva, O. A.	74
Press, R. I.	51
Prokes, Josef	65
Prokof'yev, M. A.	6
Prokopec, Jiri	12
Prokopets, M. M.	55
Pronin, L. A.	54
Provotorov, V.	4
Ptakhovskiy, I. G.	48
Pudov, V. S.	41
Pupko, I. D.	29
Pyatnikskiy, A. I.	76
P'yon Kwang-song	18

- Q -

al-Qadi, Faruq	17
Quach Si Kha	19
Quang Thai	19
Quijano, Jose Manuel	24
Quiroga, Jose	21

- R -

Rabbe, P.	60
Radautsan, S. I.	6
Radulescu, Ilie	10
Radzиков, S. V.	57
Rajakovics, E.	59
Rakovskiy, V.	54
Rapoport, I. D.	49
Rashshad, Muhammad	16
Ravikovich, A. M.	55
Ravizza, P.	59
Raypulis, Ye. P.	39
Raytbarg, L. Kh.	57
Razyevig, V. D.	48
Rebinder, P. A.	54
Redakcji, Adres	9
Redkolis, V. A.	45
Reimann, Max	11
Repina, L. P.	37
Retvari, Laszlo	47
Reuter, H.	59
Reznik, I.	2
Rigaud, J. P.	33
Ritter, Heinold	66
Rode, V. V.	40
Rodionova, G. L.	32
Rodriguez-Leal, E.	21
Rohac, Col	12
Rojas	22
Rojas, Manuel	23
Romantsova, O. N.	40

Rosler, H.	34
Rouanet, J.	58
Rozenboym, G. B.	56
Rozlovskiy, A. I.	36, 40
Rozov, N. Kh.	7
Rozsa, Gyorgy	83
Rubtsov, N. A.	76
Rudenko, M. G.	37
Rudenko, N. S.	78
Rudolph, V.	28
Rumyantsev, A. P.	51
Rusulov, A. M.	55
Rysavy, D.	42
Ryzhkovich, R. L.	71

- S -

Saakyan, Ye. A.	48
Sabovljevic, Adela	27
Sadikov, I. P.	70
Sadykova, V. B.	31
Salah, Ahmed Ben	16
Salamandra, G. D.	79
Samko, S. G.	62
Samoilov, A. G.	70
Samokhvalov, N.	3
Samoylenko, S. I.	47
Samoylova, L. D.	53
Samson, A. M.	71
Sanchez Lalebret, Rafael	20
Saridja, Velimir	47
Savinov, A. M.	51
Schaffer, D.	52
Schikorr, G.	61
Schneider, M.	81
Schon, R.	25
Schwier, F.	78
Section, Lancy	14
Seidov, N. M.	35
Sekowski, K.	61
Selezneva, Ye. N.	63
Selser, Gregorio	22
Semenkhin, G. V.	2
Semenov, A.	3
Semkovskiy, V. V.	63
Serebrennikova, Ye. A.	56
Sergeyev, G. T.	72
Sergeyev, V. I.	63
Severdenko, V. P.	71
Seyfarth, H.	70
Shafer, Yu. G.	70
Shafiyev, R. A.	62
Shandalov, Ye. M.	51
Shan'gin, V. F.	49

Shapiro, Ya. M.	80
Sharipov, A. Kh.	41
Shashkin, A. A.	68
Shatalov, Yu. A.	49
Shatunov, G.	5
Shchebunyayev, G.	3
Shestakov, A. I.	57
Shevchuk, I. P.	39
Shevchuk, P. M.	45
Shifrin, A.	1
Shilov, A. Ye.	41
Shipikin, V. V.	38
Shkatov, V.	3
Shkinev, A. N.	63
Shlazha, Yu.	70
Shmyglevskiy, Yu. D.	25
Shnitko, T. A.	68
Shorina, S. S.	64
Shraybman, V. I.	45
Shtefko, I.	2
Shuyikin, N. I.	36
Shvets, A. I.	73
Shvidkov, N. I.	55
Siepmann, H.	59
Sille, G.	59
Sim Hak-song	18
Simek, I.	44
Simionescu, C.	44
Simonyants, L. Ye.	45
Sin Ch'ang-sun	18
Sina, Ibrahim	11
Sinishchuk, I. K.	54
Sinitsyn, V. V.	56
Sipeyeva, Z. V.	37
Sitkovskiy, Yevgeniy	4
Sitnikov, L. S.	69
Sitnikov, O. S.	3
Sizov, B. V.	68
Skidan, V.	3
Skobkin, S.	26
Skonka, Czeslaw	10
Skovoroda, K.	1
Skvortsov, L.	3
Slisskiy, S. M.	63
Smirnov, A. D.	6
Smirnov, V. S.	63
Smirnova, G. N.	42
Smirnova, O. V.	36
Snagovskiy, Yu. S.	36
Sobolev, N.	71
Sodell', S. S.	49
Soidla, I. R.	29
Sokolov, L. B.	72
Sokovikov, V.	71
Solomatin, N. M.	49

Vargina, A. K.	31
Vartanov, A. A.	38
Vashkevich, N. P.	49
Vekilov, Bogdan	11
Velicu, A.	10
Venstrem, Ye. K.	54
Vereshchaka, L. P.	74
Veselov, V. V.	29, 37
Vetiska, A.	58
Vexler, Erica	21
Vikhoreva, K. N.	48
Vil'chevskaya, V. D.	42
Vil'der, S. I.	79
Vincent, J.	70
Vinogradov, B. S.	82
Vinogradov, M. Ye.	46
Vinogradov, V. I.	49
Vinogradov, Yu. V.	49
Vitshas, A. F.	72
Vladimirov, O. F.	69
Vlokh, O. G.	77
Vo Thuan Nho	19
Vo Van Thoi	20
Vol'nov, I.	36
Volnukhina, N. K.	41
Voloshin, A. Ye.	76
Vondrasek, O.	57
Vorobyev, A.	4
Vorob'yev, Ye. A.	74
Vorontsov, L. N.	48
Voroshnin, L. G.	54
Voytenko, D. M.	62
Vranes, Ana	35
Vrkoch, Ivo	63
Vrtel, J.	58
Vuong Thua Vu	20
Vvedenskaya, N. D.	62
Vyatkin, A. Ye.	63

- W -

Waclawek, J.	12
Wagner, H. G.	42
Wagner, K.	33
Wagner, O.	61
Walther, Hans-Joachim	66
Wang Chih-lu	57
Wang Chung-Kuang	77
Wang Ho-Nien	80
Warynski, G.	58
Watanabe, S.	43
Weckener, H. D.	60
Wegler	42

Wigner, E.	42
Willems, J.	60
Winkler, G.	52
Wisniewska, Barbara	9
Witschi, E.	34
Wolinsky, S.	35
Wolkow, D. M.	63
Wu, C. W.	25

- Y -

Yakovlev, B. A.	28
Yakub, V. Yu.	3
Yamamura, H.	61
Yanai, Nathan	17
Yanov, Ya.	6
Yanovskiy, V.	6
Yantovskiy, S. A.	38
Yantovskiy, Ye. I.	73
Yargin, A. V.	70
Yefimov, A. B.	63
Yegiazarov, B. G.	80
Yeliseyev, V. K.	47
Yeliseyev, Ye. N.	37
Yelyutin, V.	6
Yepanechnikov, V. F.	45
Yepshteyn, L. A.	73
Yermak, Yu. N.	74
Yershov, A.	6
Yershov, Yu. A.	36
Yerukhinov, L. M.	68
Yeskov, Ye. K.	30
Yevmenenko, N. P.	39
Yi Kyu-jong	19
Yi Myong-hyon	19
Yoshihide Nakazume	61
Yu Yang	18
Yukel'son, I. I.	38
Yurchenko, I.	5
Yushchenko, A. A.	61

- Z -

Zabelin, B. M.	63
Zaganescu, F.	67
Zaichenko, O. M.	33
Zakharov, A. I.	76
Zakirzyanov, Z. Sh.	69
Zakrevskiy, A. D.	47
Zalikin, A. A.	56
Zamystovski, Z.	57
Zaytsyev, S. V.	6
Zazerskiy, Ye.	5
Zelikova, R. Ye.	31

Zelinski, Ya. B.	28
Zemskov, G. V.	57
Zeyinalov, B. K.	35
Zhabitskiy, G.	4
Zhadan, T. A.	57
Zhlobinskiy, B. A.	45
Zhongolovich, I. D.	28
Zhorov, Yu. M.	38
Zhubayev, S. A.	64
Zhukov, Ya. N.	64
Zhukovskiy, Ye. Ye.	48
Zhuse, V. P.	78
Zimin, R. A.	38
Zinshteyn, M.	57
Zlobin, V. K.	49
Zolototrubov, I. M.	71
Zouhar, G.	83
Zuyev, V. A.	32
Zuyev, V. Ye.	74
Zverev, I. N.	56

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Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in black ink that reads "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)



Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0831939	78-03109A	59	1	2	123	Consolidated Translation Survey Through 31 March 1968	3/31/1968	252	Approved For Release	3/25/2004
AD0833917	78-03109A	59	1	3	124	Consolidated Translation Survey Through 30 April 1968	4/30/1968	223	Approved For Release	3/25/2004
AD0835906	78-03109A	59	1	4	125	Consolidated Translation Survey Through 31 May 1968	5/31/1968	267	Approved For Release	3/25/2004
AD0838252	78-03109A	59	1	5	126	Consolidated Translation Survey Through 30 June 1968	6/30/1968	341	Approved For Release	3/25/2004
AD0839299	78-03109A	59	1	6	127	Consolidated Translation Survey Through 31 July 1968	7/31/1968	354	Approved For Release	3/25/2004
AD0841414	78-03109A	59	1	7	128	Consolidated Translation Survey Through 31 August 1968	8/31/1968	255	Approved For Release	3/25/2004
AD0844244	78-03109A	59	1	8	129	Consolidated Translation Survey Through 30 September 1968	9/30/1968	259	Approved For Release	3/25/2004
AD0845247	78-03109A	60	1	1	130	Consolidated Translation Survey Through 31 October 1968	10/31/1968	252	Approved For Release	3/25/2004
AD0847806	78-03109A	60	1	2	131	Consolidated Translation Survey Through 30 November 1968	11/30/1968	284	Approved For Release	3/25/2004
AD0848152	78-03109A	60	1	3	132	Consolidated Translation Survey Through 31 December 1968	12/31/1968	176	Approved For Release	3/25/2004
AD0848841	78-03109A	60	1	4	133	Consolidated Translation Survey Through 31 January 1969	1/31/1969	188	Approved For Release	3/25/2004
AD0850186	78-03109A	60	1	5	134	Consolidated Translation Survey Through 28 February 1969	2/28/1969	167	Approved For Release	3/25/2004
AD0851748	78-03109A	60	1	6	135	Consolidated Translation Survey Through 31 March 1969	3/1/1969	232	Approved For Release	4/5/2004
AD0853348	78-03109A	60	1	7	136	Consolidated Translation Survey Through 30 April 1969	4/30/1969	262	Approved For Release	3/25/2004
AD0856606	78-03109A	60	1	8	137	Consolidated Translation Survey Through 31 May 1969	5/31/1969	306	Approved For Release	3/25/2004
AD0857706	78-03109A	63	1	1	138	Consolidated Translation Survey Through 30 June 1969	8/22/1969	413	Approved For Release	3/25/2004
AD0858054	78-03109A	63	1	2	139	Consolidated Translation Survey Through 31 July 1969	9/3/1969	185	Approved For Release	3/25/2004
AD0860022	78-03109A	63	1	3	140	Consolidated Translation Survey Through 31 August 1969	10/3/1969	315	Approved For Release	3/25/2004
AD0860905	78-03109A	63	1	4	141	Consolidated Translation Survey Through 30 September 1969	9/30/1969	285	Approved For Release	3/25/2004
AD0861886	78-03109A	63	1	5	142	Consolidated Translation Survey Through 31 October 1969	10/31/1969	269	Approved For Release	3/25/2004
AD0863371	78-03109A	63	1	6	143	Consolidated Translation Survey Through 30 November 1969	11/30/1969	224	Approved For Release	3/25/2004
AD0864516	78-03109A	63	1	7	144	Consolidated Translation Survey Through 31 December 1969	12/31/1969	177	Approved For Release	3/25/2004