

Mechanism of σ -Complex Formation in the Yanovskii
Reaction, by I. M. Sosonkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 197,
No 3, 1971, pp 635-638.
CB

Oct 71

Application of the Method of Graphs to the Kinetics
and Mechanisms of Multstage ^CComplexing Reactions, by
K. B. Katsimirskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 197,
No 3, 1971, pp 639-642.
CB

Oct 71

Molecular Structure of a Gel of Stereoregular
Polyisoprene, by V. A. Grechanovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 197,
No 3, March 1971, pp 643-645.
CB

Jan 72

Velocity of the Free Surface of a Liquid Film in Wave
Flow, by S. K. Myasnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol. 197,
No 3, March 1971, pp 646-649.

CB

Jan 72

The Ontogenesis of Cat Hemoglobin, by
L. I. Irzhak.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 695-697.
CB

Jan 72

Experiments in Hybridization of Somatic Cells of Mammals and Spermatozoa. Penetration and Early Morphological Changes in Spermatozoa of a Stallion in the Cells of A Chinese Hamster, by V. M. Senin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 197, No 3, March 1971, pp 698-700.

CB

Jan 72

Effect of Methyl Sulfate on Mutation Frequency of
Genes S and n in The Carp (*Cyprinus Carpio L.*),
by R. M. Tsoi.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 701-704.
CB

Jan 72

Use of Radiocarbon Method for Studying Trophic
Interrelations in Plankton, by S. M. Vardapetyan.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 705-707.
CB

Jan 72

Study of Bacteriophage T2 Tail-Sheath Protein,
by T. I. Nikol'skaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,

Vol 197, No 3, March 1971, pp 708-710.

CE

Jan 72

Stimulation of the Primary Immune Response by
Sera From Partially Hepatectomized Animals, by
D. N. Evnin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 711-712.

CB

Jan 72

Reversible Interference with the Hill Reaction by
the Action of Dimethyl Sulfoxide and Methanol on
Chloroplasts, by G. P. Brin.

RUSSIAN, par, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 3, 1971, pp 713-716.

CB

Nov 71

Reaction of Pb^{2+} Cations with Carboxyl Groups of the
Active Center of the Proteolytic Enzymes Trypsin and
Chymotrypsin, by Yu. V. Savin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 3, 1971, pp 717-720.

CB

Nov 71

Nitrogen-Fixing Enzyme Complex From Root-Module
Bacteroids of Lupine and Soya, by Ya. V. Peive.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 197,
No 3, March 1971, pp 721-723.
CB

Jan 72

A Plunger Mechanism for Expulsion of Water in
Chaetopterus varicopedatus (Polychaeta, Annelida),
by T. S. Aksyuk.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol. 197, No 3, March 1971, pp 724-727.
CB

Jan 72

The Mechanism of Food Capture in Tailed
Amphibians, by A. S. Severtsev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 728-731.
GB

Jan 72

Structural and Functional Changes in the Medial
Area of the Anterior Hypothalamus in Animals
During Application of an Extraordinary Stimulus
and Administration of Dopa, by I. S. Zavodskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 732-733.
CB

Kan 72

Mechanism of Migration of Cyclocoelidae (Trematoda)
Metacercariae to the Localization Site in the
Definitive Host and the Probable Routes of Elimination
of Eggs of Mature Worms, by N. A. Feizullaev.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 3, March 1971, pp 734-746.
CB

Jan 72

Linear Differential Difference Games, by
N. N. Krasovskiy, Yu. S. Ostrov, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
Vol 197, No 4, 1971, pp 777-780.
JPRS 53645

July 71

Torsional Oscillations of an Infinite Cylinder Under
Sudden Deceleration by a Semifinite Absolutely
Rigid Ring, by P. Ya. Bershtein.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 4, Apr 1971, pp 801-803.
Am Inst of Phys
Vol 16, No 4, Oct 1971

Oct 71

The Connection Between Isoscalar Multipliers and
Transformation Matrices of Representations of
Unitary Groups, by S. I. Alishauskas.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 4, Apr 1971, pp 804-805.
An Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Gravitational Fields That Admit Groups of Projective
Motions, by A. V. Aminova.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 4, Apr 1971, pp 806-809.
An Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Model Pseudopotential and Some Atomic Properties
of Alkali and Alkaline-Earth Metals, by
Z. A. Gerskii,
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 4, Apr 1971, pp 810-813.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

A String Magnetometer, by N. E. Alekseevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Soy Phys, Vol. 197,
No 4, Apr 1971, pp 814-815.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Control of Charge in Thin Dielectric Films of
Aluminum Oxide on Silicon, by V. A. Gol'dfarb.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 4, Apr 1971, pp 816-818.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Photoelectret Mechanism of Long-Range Transmission
and Storage of Structural Information by Polycrystal-
line and Monocrystalline Boundary Layers, by

G. I. Distler.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,

No 4, Apr 1971, pp 819-822.

Am Inst of Phys

Vol 16, No 4, Oct 1971

007 71

Calculation of the Thermodynamic Functions of Dilute Solutions of Light Impurities in Face-Centered Crystals, by V. B. Vydrovets.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.

Vol 197, No 4, April 1971, pp 859-861.

CB

Nov 71

Estimate of the Dipole Moment of the P-S Bond,
by E. A. Ishmaeva.

RUSSIAN, per, Dok Ak Nauk SSSR, High Chem.,
Vol 197, No 4, April 1971, pp 852-864.

GB

Nov 71

Kinetics of the Oxidation-Polymerization Reaction
of Phenyl Acetylene with Oxygen, by

T. D. Nekipelova.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,

Vol 197, No 1, April 1971, pp 865-868.

GB

Nov 71

Gamma-Resonance Spectroscopic Study of the Poly-
merization of Formaldehyde in the Presence of
Additives of the Donor Type, by I. P. Sanyal.
RUSSIAN, par, Dok Ak Nauk SSSR, Phys Chem.,
Vol 197, No 4, April 1971, pp 869-872.
CB

Nov 71

Calculation of the Equilibrium Constant and
Enthalpy of a Dissociation Reaction From the
Viscosity of the Dissociating Gas, by

D. L. Timrot.

RUSSIAN, per, Dok Ak Nauk SSSR, Fizykh Chem.,

Vol 197, No 4, April 1971, pp 873-875.

CB

Nov 71

Anisotropic Solvent Diffusion in Oriented Poly-
mers, by B. G. Shapichov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol. 197, No 4, April 1971, pp 876-879.

CB

Nov 71

Influence of Highly Dispersed Aluminum and Silicon Oxides on the Stability of Structures in Aqueous Dispersions of Bentonites, by G. K. Shtatikovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Khim. Gaza., Vol 197, No 4, April 1971, pp 890-892.
CB

Nov 71

The Effect of Organometallic Salts on The Deflagration
of Ammonium Perchlorate, by A. P. Glazkova.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 197,
No 4, April 1971, pp 883-886.
CB

Jan 72

A Matrix Method for the Simulation of High-Dimensional Chemicotechnological Systems (CTS) of Arbitrary Structure, by V. V. Kefarov.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 197, No 4, April 1971, pp 887-889.
CB

Jan 72

On the Quantitative Description of the Kinetics of
Mass Transfer, by B. I. Konobeyev.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 197,
No 4, April 1971, pp 890-893.
CB

Jan 72

Effect of the Fungus *Botrytis cinerea* On Certain
Ribosome Characteristics in Cabbage Tissues, by
B. A. Rubin.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 197,
No 4, April 1971, pp 937-940.
CB

Jan 72

Nuclear Changes Occuring in Various Mammalian
Sperm Inside Cells Cultures in Vitro, by
V. M. Senin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol. 197, No 4, April 1971, pp 941-943.

CB

Jan 72

Model Study of Production Process in the Population of the Gastropod Mollusk *Ephera turrita* (A. Adams), by A. N. Golikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 4, April 1971, pp 944-947.

CB

Jan 72

Antigen of New Specificity in Granulocytes, by
E. A. Zotikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 4, April 1971, pp 948-950.
CB

Jan 72

Some Characteristics of Informational Processes in
the Visual Analyzer, by A. B. Kogan.

RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 197,
No 4, April 1971, pp 951-953.

CB

Jan 72

Reasons for Increase in Radioresistance of Barley Seeds
From Plants Grown in Alpine Conditions (West Pamir),
by N. I. Nuzhdin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 197,
No 4, April 1971, pp 954-957.
CB

Jan 72

Diagrammatic Methods of Representing the Mechanism
of Enzyme Reactions, by M. V. Vol'kenshtein.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 4, 1971, pp 958-961.
CB

Nov 71

Study of the Adenosinetriphosphatase Properties of
the Ciliary Proteins of *Tetrahymena pyriformis*, by
D. Ya. Daiya.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 4, 1971, pp 962-965.

CB

Nov 71

Sialic Acid and Ganglioside Contents of Some Tumors,
by E. V. Dyatlovitskaya,
RUSSIAN, par, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 4, 1971, pp 966-968.
CB

Nov 71

Reaction of an Iminoxyl Spin Label with Electron
Transport System of Mitochondria, by
L. S. Yaguzhinski.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 4, 1971, pp 969-972.
CB

Nov 71

The Ultralow Frequency Spectrum of Electrical
Phenomena in the Brain, by N. A. Aladzhhalova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 4, April 1971, pp 973-976.
GB

Jan 72

Distribution of Acid and Alkaline RNAases and
Alkaline RNAase Inhibitor in Different Regions
of the Rat Brain, by N. N. Derin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,

Vol 197, No 4, April 1971, pp 977-979.

CB

Jan 72

Adaptive Changes in Sodium, Potassium, and Water
Consumption in Acute Experimental Nephritis in
Rats, by A. Ya. Yaroshevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 4, April 1971, pp 980-983.
CB

Jan 72

Linear Differential Games of Pursuit in the
Presence of Delays, by M. S. Nikol'skiy, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
Vol 197, No 5, 1971, pp 1,018-1,021.
JPRS 53645

July 71

Diffusion of a Spherical Hill Vortex With Vanishing
Viscosity, by V. A. Batishchev.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1038-1041.

Am Inst of Phys
Vol 16, No 4, Oct 1971.

Relaxation in a Regular Field, by I. L. Genkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1042-1044.
Am Inst of Phys
Vol 16, No 4, Oct 1971

Oct 71

The Problem of Radiation and Energy Transport by
Gravitational Waves, by L. I. Rudakova.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1045-1047.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Nuclear Magnetic Resonance In Nb_3Al and $Nb_{0.8}$

$Al_{0.2}Ge_3$, by N. E. Alekseevskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol. 197,
No 5, Apr 1971, pp 1048-1050.

Am Inst of Phys

Vol 16, No 4, Oct 1971.

Oct 71

Equilibrium of Crystals Formed in the Solid Phase,
by A. L. Roitburd.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1051-1054.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Synthesis of B_6O at High Pressures, by E. V. Zubova.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1055-1056.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Metastable High-Angle Intercrystallite Boundaries in
Cast Nickel, by B. A. Movchan.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1057-1059.

Am Inst of Phys

Vol 16, No 4, Oct 1971.

Oct 71

Melting Curve of Tantalum Up to 60 kbars, by
N. S. Fateeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1060-1061.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Observation of Noctilucent Clouds From
Space, by K. Ya. Kondrat'yev, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Moscow, Vol 197, No 5, 1971, pp 1066-1069.
JPRS 53508

Mass TTF 13, 873

Jul 71

Crystal Structure of Simanite: $Mn_3 [PO_4/BO_3]$

$3H_2O = Mn_3 PO_3 OH [BO (OH)_2]_2$, by

E. N. Kurkutova.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys. Vol 197,

No 5, Apr 1971, pp 1070-1073.

An Inst of Phys

Vol 16, No 4, Oct 1971

Oct 71

Interatomic Bonds in Carbonized Polyacrylonitrile
Fiber, by A. A. Khomenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 5, Apr 1971, pp 1074-1076.

Am Inst of Phys

Vol 16, No 4, Oct 1971

Oct 71

Photocurrents, Photographic Sensitivity, and
Exciton Absorption of Light in Silver Halides,
by B. U. Barshchewskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Fizy Chem.

Vol 197, No 5, April 1971, pp 1100-1103.

CB

Nov 71

Change in the Vibrational Absorption Spectrum of
Water Dissolved in Organic Solvents After Passage
Through a Magnetic Field, by V. I. Klassen.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.
Vol 197, No 5, April 1971, pp 1104-1105.
CB

Nov 71

Work of Adsorption and the Hydrophilic-Lipophilic
Balance in Molecules of Surface-Active Agents,
by P. M. Kruglyakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 197, No 5, April 1971, pp 1106-1109.
CB

Nov 71

Nov 71

Catalytic Decomposition of Hypochlorite and
Hypochlorous Acid by Metallic Iridium, by Acade-
mician B. P. Nikol'skii.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys. Chem.,
Vol 197, No 5, April 1971, pp 1110-1112.
CB

Nov 71

Mechanism of Electrolytic Dissociation in the
Stannic Chloride-Acetic Acid System, by
Yu. Ia. Flakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 197, No 5, April 1971, pp 1113-1115.

CB

Nov 71

Reasons for Hysteresis During Wetting of Solid
Oxides With a Fused Metal, by V. V. Khlynov.
RUSSKIAN, per, Dok Ak Nauk SSSR, Fizya Chuvst.
Vol 197, No 5, April 1971, pp 1116-1117.
CB

Nov 71

Theory of Chemical Reactions in the Field of a
Periodic Source, by A. A. Gerasimov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys. Chem.,
Vol. 197, No 5, April 1971, pp 1116-1121.
GB

Nov 71

Study of the Electron-Acceptor Properties of
Organic Compounds Using the Positron Method,
by V. P. Shantarovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Pure Chem.
Vol 197, No 5, April 1971, pp 1122-1125.
CB

Nov 71

Kinetics of the Decomposition of Ytterbium Amalgam in
a Chloride - Acetate Buffer, by M. G. Sayun.

RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 197,
No 5, April 1971, pp 1126-1129.

CB

Jan 72

The Inhibiting Influence of Urea on The Stimula-
tion of Sugar Transport in Muscle Fibers, by
N. A. Vinogradova.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 5, April 1971, pp 1183-1186.

CB

Jan 72

Change in the DNA Content of the Large Pyramids
of the Rat Cerebral Cortex in Postnatal
Ontogenesis, by I. Yu. Raushenbakh.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 5, April 1971, pp 1187-1188.
GB

Jan 72

Relationship Between Photophosphorylation and
Ultrastructural Organization and Mechanochemical
Properties of Chloroplasts, by S. A. Aliyeva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 197,
No 5, April 1971, pp 1189-1192.
CB

Jan 72

Diagrams of Enzyme Reactions Catalyzed by Isoenzymes,
by M. V. Vol'kenshtein.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 5, 1971, pp 1193-1195.

CB

Nov 71

Allosteric Properties of Meso- α -Diaminopimelic
Acid Decarboxylase of a Lysine-Accumulating Strain
of *Brevibacterium-22*, by Z. S. Fagan.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 5, 1971, pp 1196-1199.

CB

Nov 71

Homogeneity of the Tail Core Proteins of Bacteriophage
T2, by T. I. Nikol'skaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 5, 1971, pp 1200-1202.
CB

Nov 71

Isolation and Some Properties of Lactosomatotrophin,
by F. Yu. Ryshka.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem, Vol 197,
No 5, 1971, pp 1203-1206.
CB

Nov 71

Role of Sulfur in Biosynthesis of Sulfur-Containing
Amino Acids in the Blue-Green *Anabaena variabilis*
KUTZ, by B. B. Volodin.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 197,
No 5, April 1971, pp 1207-1209.

CB

NIC 92-13553-06A

Jan 72

A New Approach to the Link Between Respiration
and Energy-Requiring Physiological Processes,
by V. N. Zholkevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci., Vol 197,
No 5, April 1971, pp 1210-1213.
CB

Jan 72

Morphology of the Thymus at Certain Stages in
the Ontogenesis of the Salmon, by A. V. Belova.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol. Sci.,
Vol 197, No 5, May 1971, pp 1214-1215.
CB

Jan 72

Effect of Electroshock on Memory and Glio-Neuronal
Relationships in Rat Brain, by

M. M. Aleksandrovskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,

Vcl 197, No 5, April 1971, pp 1216-1217.

CE

Jan 72

The Functional Significance of the Sympathetic
Vasodilator Effect in Skeletal Muscle, by
N. A. Bardina.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol. 197, No 5, April 1971, pp 1218-1221.
CB

Jan 72

Activity of Proteolytic Enzymes of Various Regions
of the Rat Brain During Natural Sleep and Depriva-
tion of its Paradoxical Phase, by

T. S. Glushchenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,

Vol 197, No 5, April 1971, pp 1222-1224.

CB

Jan 72

Investigation and Simulation of the Dynamics of
Development of Muscular Effort Under the Influence
of Motoneurons, as Exemplified by the Abductor
Dactylopoditae Muscle in the River Crayfish
Actacus leptodactylus, by V. M. El'yasberg.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 5, April 1971, pp 1225-1228.
CB

Jan 72

Morphogeny of the Placenta of the Domestic Pig
Sus scrofa and its Characteristics, by
A. Padaiga.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 5, April 1971, pp 1229-1232.
CB

Jan 72

Automata Having "Normal" and "Disturbed" Behavior in
Experiments on Choice With Reinforcement, by

N. I. Glazunov. 7pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 6, Apr 1971, pp 1280-1283.

Am Inst of Phys

Vol 16, No 4, Oct 1971

gpr 5 53531

Oct 71

Model Representation of the Biomechanical System
"Man-Operator" Acted Upon by Random Vibrations, by
B. A. Potemkin. 7A.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 6, Apr 1971, pp 1284-1287.

Am Inst of Phys

Vol 16, No 4, Oct 1971.

JPAS 53531

Oct 71

Stochastic Systems and Their Interconnection, by
V. S. Pugachev. *SAP*.

RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol. 197,
No 6, Apr 1971, pp 1288-1290.

Am Inst of Phys
Vol 16, No 4, Oct 1971.

gpr 53531

Oct 71

Computer Simulation of the Circulation of the
Atmosphere of Venus, by S. S. Zilitinkevich. *6/90*
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol. 197,
No 6, Apr 1971, pp 1291-1294.
Am Inst of Phys
Vol 16, No 4, Oct 1971

YPS [REDACTED] 53985

Oct 71

Character of the Recombination and Detection of a
Triatomic Ion in a Helium Plasma at Low Temperatures,
by G. P. Reznikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol. 197,
No 6, Apr 1971, pp 1295-1298.
Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Conditions of Primary Recrystallization in Fibrillar
Copper Crystals, by A. M. Belikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Soy Phys, Vol 197,
No 6, Apr 1971, pp 1299-1301.

Am Inst of Phys
Vol 16, No 4, Oct 1971.

Oct 71

Threshold Conditions for Diamond Synthesis in the
Metal-Carbon System, by L. E. Shterenberg. 5th ed.
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys, Vol 197,
No 6, Apr 1971, pp 1302-1304.

Am Inst of Phys

Vol 16, No 4, Oct 1971

QPR \$ 54119

Oct 71

Mechanism of Impurity Paramagnetic Center Formation in γ -Irradiated Ionic Salts, by
L. I. Barsova.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem.,
Vol 197, No 6, April 1971, pp 1355-1357.
GB

Nov 71

Dependence of the Rate Constant of Growth of
Macroradicals of Polymethylmethacrylate (PMMA)
On the Chain Length and its Manifestation in the
Kinetics and Molecular Weight Distribution (MWD),
by I. N. Bel'govskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Divn Chem.
Vol 197, No 6, April 1971, pp 1358-1361.

CB

Nov 71

Effect of Substituents on the Degree of Covalence
of the Metal-Ligand Bond in Complexes of Sub-
stituted Anilines With Nickel Acetylacetonate,
by E. I. Baras.

RUSSIAN, per, Dok Ak Nauk SSSR, Khim. Zhur.,
Vol 197, No 6, April 1971, pp 1362-1365.
CB

Nov 71

Mobility and Concentration of the Current Carriers
in Polymers With Conjugate Bonds, by

A. F. Iosida.

RUSSIAN, par, Dok. Ak. Nauk SSSR, Phys. Chem.,
Vol 197, No 6, April 1971, pp 1366-1368.

CB

Nov 71

Carbonization of Graphitizing and Nongraphitizing
Materials, by V. S. Ostrovskii.

RUSSIAN, per, Int. Ak. Nauk SSSR, Phys. Chem.,
Vol. 197, No. 6, April 1971, pp 1369-1371.

CS

Nov 71

Effective Electric Conductivity of a Porous
Gas-Liquid Electrode. Model of Packed Spheres,
by Yu. A. Popov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys. Chem.,
Vol 197, No 6, April 1971, pp 1372-1375.
CB

Nov 71

Decrease in the Strength of Polycrystalline
Hapthalene in the Adsorption of Surface-Active
Substances From Aqueous Solutions, by
E. A. Sinerich.

RUSSIAN, per, Dok Ak Nauk SSSR, Fizik Khim.,
Vol 197, No 6, April 1971, pp 1306-1379.
CB

Nov 71

Two-Quantum Sensitized Photooxidation, by
Z. A. Sinitzyna.

RUSSIAN, ~~per, Dok Ak Nauk SSSR, Russ Chem.~~
Vol 197, No 6, April 1971, pp 1380-1382.

CB

Nov 71

Iniation of INA Synthesis in Cultures of Mouse
Embryo Fibroblast-Like Cells During the Action
of Substances Causing Disorders in Spindle
Formation, by Yu. M. Vasil'ev.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci.,
Vol 197, No 6, April 1971, pp 1425-1428.
GB

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