

Theory of Neutral Massive Tensor Field with
Spin 2, by V. I. Ogievetskiy and I. V. Polubarinov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 4, 1966, pp 839-842.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 1966

307,296

The Shape of the Fatigue Curve of Low-Carbon Steel,
by V. S. Ivanova,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 4, 1966, pp 843-846,

Sov Phys Bok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,043

Structure of Electron Energy Spectrum in Iron-Vanadium Alloys, by V. Ya. Nagornyi,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 4, 1966, pp 847-850.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,042

Investigation of the Process of Graft Polymerization of Acrylonitrile on Capron Fibers, by A. I. Kurilenko and V. I. Shikov, USSRAS, per, Doklady Akademii Nauk SSSR, Vol LXVI, No 4, 1965, pp 901-904.
ACM 3-1583
DP 2204001167

sci-phys
Mar 87

\$20.255

Kinetics of Adsorption from a Gas Carrier Current
with Stepwise Variation on Concentration, by

D. P. Timofeev and N. I. Alekeeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 4,
1966, pp 917-919.

CB

Jun 66

359,743

Serpentinites from the Crest of the Arabian-Indian Ridge, by V. I. Chernysheva and P. L. Bezrukov, 6 pp.

RUSSIAN, per, Doklady Akademii nauk SSSR, Vol 166, No 4, 1 Feb 1966, pp. 961-964. P 942 75167
JPRS 36355

DRD Canada T 47 R
Dec 1966

USSR
Sci-~~ES~~/A
Jul 66

306,870

Circular Dichroism and Sequence of Nucleotides
in Nucleic Acids, by G. B. Zavil'gel'skiy.
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXVI,
No 4, 1966, pp 978-981.
NASA TT F-10,049

26

Sci-Chem

May 66

300,870

Evolution of the Catalytic Function of the
Glutamate Oxidase System, by L. P. Zubok,
Z. S. Kagan.

RUSSIAN, per, Dokl Akad Nauk SSSR,
Vol CLXVI, No 4, 1966, pp 982-985.
NASA TT F-10,679

26

Sci-Materials
mar 67

320,865

Mechanism of Inhibition of Lipoyl Dehydrogenase
by Imidazole, by S. E. Severin and A. A.
Glemzha.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 4, 1966, pp 986-989.

CB

Jun 68

356,549

The Mechanism of the Influence of Preliminary
Irradiation of the Thermal Decomposition of
Alkali Metal Permanganates, by V. V. Boldyrev,
A. N. Oblivantsev,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 4, 1966, 891-893.

CB

May 67

326,086

The Behavior of Copper Powders and Suspensions
in a Constant Electrical Field, by A. E. Vol'pyan,
L. G. Gindin,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 4, 1966, pp 894-896.
CB

May 67

326,087

Photodissociation of Chlorine and Recombination
of Chlorine Atoms at the Critical Point of
Liquid-Vapor Equilibrium, by I. R. Krichevskiy,
Yu. V. Tzkhanskaya,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 4, 1966, pp 897-900.
CB

May 67

6
326,088

Investigation of the Process of Grafted Polymerization of Acrylonitrile on Capron Fibers,
by A. I. Kurilenko, V. I. Glukhov,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 4, 1966, pp 901-904.

CB

May 67

XXX 526.089

Influence of Chain Transfer with Termination on the
Composition and Structure of Copolymers, by
O. A. Plechova, V. V. Ivanov,
RUSSINA, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 4, 1966, pp 905-908.
CB

May 67

326,090

Waer of Polymers as a Kinetic Thermoactivation
Process, by S. B. Ratner, E. G. Lur'e,
RUSSIAN, per, Dok Ak Cauk SSSR, Chem Sec, Vol
CLXVI, No 4, 1966, pp 909-912.
CB

May 67

326,091

Double Photosensitization of the Dissociation
of Organic Molecules at 77 °K (Ternary Systems),
by V. V. Ryl'kov, V. E. Kholmogorov,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec,
Vol CLXVI, No 4, 1966, pp 913-916.
CB

May 67

324,092

The Significance of Sulphydryl Groups of Protein
in the Process of Mitotic Cell Division, by
I. A. Alov & N. E. Aspir.
RUSSIA, per, Doklady Ak Nauk SSSR, Vol 167,
No 4, Feb 1966, pp 965-967.

On

June 30

350,516

On Possible Rates of Increase and Total Biomass
in Tilapia Mossambica Peters, by N. V. Mironova.
RUSSIA, per, Doklady Ak Nauk SSSR, Vol 166,
No 4, Feb 1966, pp 968-969.

CN

35°, 52°

Effect of Chloramphenicol on Polyhedrosis,
Nucleic and Protein Metabolism in the Mulberry
Silkworm, by L. N. Parasevich & E. F. Melanova.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 164,
No 4, Feb 1966, pp 970-973.

June 5

35°, 50°

new Data on the Occurrence of the Small-pox virus
in the Waters of the USSR, by V. A. Malyutin.
Moscow, per, Doklady Akademii SSSR, Vol. 177,
No. 4, Feb 1961, pp. 900-901.

Experimental Production of Diploid Androgenesis
in the Axolotl by Combined Exposure to Ultra-
violet Radiation and Thermal Shock, by
A. I. Shidarov.
AVSSSR, psp, Doklady Ak Nauk SSSR, Vol 264,
no. 1, 1982, pp 992-995.

June 30

352,523

Microbial Activity of Analogs of Dolicyn Lic Acid without the 5-Ring, by T. I. Levina
T. S. Levinia.

RUSIAN, per, Doklady Akademii SSSR, Vol 14,
No 4, Feb 1966, pp 996-998.
S.

1000 70

RECEIVED

Evoked Potentials in the Association Cortex
During Stimulation of the Ilesenteric Nerves,
by S. E. Gusyashchikova.
RUSSIA, per, Doklady Akad Nauk SSSR, Vol 160,
No 4, Jan 1965, pp 990-1002.

C:

Figure 1

250, 500

Ultrastructure of the ferment and the Method of
feeding in Rediae and Sporocysts (Trematodes), by
A. A. Sinevitsinskaya & V. F. Lashanski.
Russia, Ukr., Doklady Akademii Nauk SSSR, Vol. 176,
No. 4, 1967, pp. 1003-1004.

JUN 30 2003

35-1539

On the Entomological Significance of Gamasid Ticks Encountered on Rodents Living in Large Towns, by D. V. Poyarkov & V. V. Avchinnikov. RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166, No 4, Feb 1964, pp 1005-1007.

C.

351, 501

351, 501

The General Form of a Linear Continuous Functional
in Spaces of Functions that are Holomorphic in
Convex Domains of C^n , by L.A.Aizenberg.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp.1015-1018.

AMS

Math
Aug 66

Best Quadrature Formulas for Certain Classes of Functions, by M.B.Aksen' and A.H.Tureckii,
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp.1019-1021.

AMS

Math
Aug 66

Proof of the Upper Semicontinuity of a Set
Variation, by A.G. Vituskin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966,pp.1022-1025.
AMS

Math
Aug 66

Metric Properties of Harmonic Functions, by
M.L. Gerver.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp.1026-1027.
AMS

Math
Aug 66

Quasianalytic Continuation of Analytic Functions
Through a Jordan Arc, by A.A. Goncar.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966,pp. 1028-1031.
AMS

Math
Aug 66

On the Decision Problem for the Pure Restricted-Predicate Calculus, by Ju.S. Gurevic.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp. 1032-1034.

AMS

Math

Aug 66

Differential Equations with Functional Derivatives
and Stochastic Equations for Generalized Random
Processes, by Ju.L.Daleckii.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966,pp. 1035-1038.

AMS

Math
Aug 66

Differentiability of Nonlinear Operators in L_p
Spaces, by P.P. Zabreiko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, no.5,
1966, pp.1039-1042.
AMS

Math
Aug 66

Extensions and Complements of Finite Order of a Completely Regular Space, by H.N. Inasaridze.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp.1043-1045.
AMS

Math
Aug 66

Conditions of Nontriviality of Certain Classes
of Functions Analytic in a Sector, and Problems
of Quasianalyticity, by B.I.Korenbljum.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp. 1046-1049.

AMS

Math
Aug 66

A Contribution to the Theory of Parabolic Potentials,
by B.Ja.Lipko and S.D.Eidel'man.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp.1050-1053.

AMS

Math

Aug 66

Positive Harmonic Functions on Nilpotent Groups,
by G.A.Margulis.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966, pp.1054-1057.

AMS

Math
Aug 66

Asymptotic Behavior of the Spectral Matrix of the
One-Dimensional Dirac Systems, by I.S.Sargsjan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.5,
1966,pp.1058-1061.
AMS

Math
Aug 66

A General Approach to the Linear Programming of
Block Structures, by E. G. Gol'shtein,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1062-1065.

Bov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Sci-
Aug 66

307,284

A General Approach to Solutions of Linear
Programming Problems with Block Structures,
by E. G. Gol'shtein, 7 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 166, No 5, 1966, pp. 1062-1065.
JPR8 35655

USSR
Sci-Math/IP
Jun 66

301,586

Some New Estimates in the Theory of Finite Automata,
V. S. Grinberg,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1066-1068.

Sov Phys Dok
Am Inst Phys
Vol XI, no 2, 1966 Aug

Sci-
Aug 66

307,285

Construction of Algorithms for the Solution of
Problems in Harmony and For the Analysis of
Harmonization, by R. Kh. Zaripov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1069-1072.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

307,286

An Algorithms for the Solution of a Labyrinth on
a Discrete Field and its Applications, by G. G.
Ryabov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1073-1075.

Sov Phys Dok
Am Inst Phys
Vo 1 XI, No 2, Aug 1966

Aug 66

307,287

Nonstationary Problems of Quantum Mechanics and
the Laplace Transformation, by Yu. N. Demkov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1076-1079.

S

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

307,297

The Non-Steady Problems of Quantum Mechanics and
the Laplace Transform, by Yu. N. Domkov.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 166,
No 5, 1966, pp 1076-1079. 9233278
AEC BNl-tr-67

Sci/Physics
Aug 66

306,283

On Exact and Approximate Natural Coordinates in
the Theory of Vibration of Polyatomic Molecules,
by M. A. El'yashevich and L. A. Gribov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec. VI
CLXVI, No 5, 1966, pp 1080-1083.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

307,298

On the Stabilization of the Drift Instability in
Traps with Magnetic Field Increasing Towards the
Boundary, by A. A. Ivanov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1084-1087.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

307,299

A Small High-Resolution Field-Gradient Mass Spectrometer with an Inhomogeneous Magnetic Field for Analysis of Light Gases, by N. E. Alekseyevskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXII, No 5, 1966, pp 1088-1090.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,043

Causes of the Noninvariance of the Characteristic
Curves of Viscoplastic Flow of Aqueous Clay
Suspensions and Methods of Achieving Invarious
of these Characteristic Curves, by S. Yu. Zhukhovit-
skiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
~~XX~~ CLXVI, No 5, 1966, pp 1091-1094.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,044

The Interphase Steps Rule in Structure Formation
in Vacuum Condensates, by L. S. Palatnik,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 5, 1966, pp 1095-1097.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,045

Properties of Intermolecular Binds of no Charge Transfer Complexes, by I. G. Arzamirova,
N. N. Gur'yanova,
Nauk. Tr., ser. Dokl Akad Nauk SSSR, Chem. Sec., Vol
CLXVI, No 5, 1966, pp 1151-1154.
CB

May 67

524,093

Features of Large Polypropylene Deformations
Studied Over a Broad Temperature Range, by
G. G. Kardash, G. P. Andrianova,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 5, 1966, pp 1155-1157.
CB

May 67

324,094

Relaxation of Protons and Deuterons in Aqueous
Solutions of Pentavalent Molybdenum, by

R. K. Mazitov,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 5, 1966, pp 1158-1161.

CB

May 67

326,095

The Calculation of Rate Constants for Multi-Stage Reactions, by E. A. Pshenichnov,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
~~XX~~ CLXVI, No 5, 1966, pp 1162-1164.
CB

May 67

326,096

The Effect of Prestationary Dhear on the Electrical
Conduction of Oleocolloids, by A. A. Trapeznikov,
G. G. Petrzlik,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 5, 1966, pp 1165-1168.
CB

May 67

326,097

Quantitative Changes in the Proteins of the
Gland Cell During Inhibition of Synthesis of
Ribosomal RNA by Auranitin, by V. Ya. Brodskii
and V. N. Verchaeva.
RUSSIA, per, Doklady Ak. Nauk SSSR, Vol. 146,
No. 5, Feb. 1964, pp. 1211-1213.
Cp.

June 30

35-1517

Specific Modification of Mutational Changes in
the Chromosomes Induced by a Chemical Mutagen,
by N. P. Dubinin & L. A. Sushkova.

RUSSIA, per, Doklady Akademii SSSR, Vol. 177,
No. 5, Oct 1966, pp 1214-1216.

June 30

354,32

Comparative Analysis of the Dependence of the
Appearance of Chromosome Mutations Induced by
Chemically Active Substances and Ionizing Radiation
(Gamma Rays) on the Physiological State of Seeds,
by ... I. Muzhdin & N. S. Samokhvalova.
RUSSIA, per, Doklady Akademii SSSR, Vol 174,
No 5, Feb 1967, pp 1217-1220.

Q

35% SC

Exchange of Hydrogen Atoms of the Carbocyclic Ring
of Chlorophyll, by V. M. Kutyurin, I. V. Matveeva.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 5, 1966, pp 1233-1235.

CB

Jun 68

356,550

New Formation of Mitochondria in Plant Tissues
under the Effect of Pathogens, by B. A. Rubin,

V. A. Aksanova.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 5, 1966, pp 1236-1239.

CB

Jun 68

356,488

Autonomy of the Seasonal Rhythmic Activity of the
Lenticular Epithelium of the Grass Frog, by
V. A. Golichenkov & N. Yu. Sakhareva.
RUSSIA, , per, Doklady Akad. Nauk SSSR, Vol. 144,
No. 5, 1960, pp 1240-1243.

Attn: Mr.

351, 524

The Action of a Constant Current on Single
Mechanoreceptors, by O. A. Illinskii &
S. V. Aseev.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. 147,
No. 5, Feb 1964, pp 1243-1245.

CB

June 6.

351,550

Content of Various Forms of Vitamin A in Liver
Microsomes of Chickens Immunized with an Antiserum
from the Serated Ascardia galli, by S. N. Lebedeva.
RUSSIA, per, Doklady Akademi SSSR, Vol. 17,
No. 1, 1946, pp. 1246-1247.

June 30

250,151

Effect of the Anterior Limbic Cortex on the Contractile Function of the Urinary Bladder in the Cat, by A. I. Talar.

RUSSIA, per, Doklady Akademii SSSR, Vol. 167,
No. 5, Feb 1966, pp 1249-1251.
C.I.

June 30

251,650

On the Possible Participation of Serotonin and
Other Neurohormones in the Regulation of Protein
Biogenesis (Experiments on Sea Urchin eggs), by
G. A. Sazanikov & ... B. Zvezdina.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 176,
No 1, Feb 1967, pp 1252-1255.

2000

352,521

A Criterion for the Existence of a Bicomplete
Element in a Continuous Decomposition. A Theorem
on the Invariance of Weight under Open-Closed
Finite-to-one /Mappings, by A.Arhangel'skii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp.1263-1266.

AMS

Math
Aug 66

Ergodic Properties of Solutions of Binary
Additive Problems, by B.M.Bredihin and
Ju.V.Linnik.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966,pp.1267-1269.
AMS

Math
Aug 66

Amorphous Functionals, Their Structure and
Applications, by E.V.Voronovskaja.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp.1270-1273.
AMS

Math
Aug 66

Some Remarks on the Method of Coefficients, by
Ja. L.Geronimus.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp.1274-1276.

AMS

Math
Aug 66

Primary Ideals in the Space $\ell^2(\mathcal{L}, \mathfrak{o})$, by
V.P. Gurarii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp.1277-1279.
AMS

Math
Aug 66

An Integral Representation of Smooth Functions
and Certain Families of Function Spaces, by
A. D. Dzabrailov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966,pp.1280-1283.
AMS

Math
Aug 66

Spaces Resolvable into Spectra Consisting of Metric
Spaces, by V.L.Kljudin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966,pp. 1284-1287.

AMS

Math
Aug 66

The Cauchy Problem for Degenerating Hyperbolic
Equations of Second Order, by A. B. Nersesjan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp. 1288-1291.

AMS

Math
Aug66

Eigenfunction Expansions for the One-Dimensional
Dirac System, by I.S. Sargsjan.

RUSSIAN, per, Dok Ak NAuk SSSR, Vol.166, No.6,
1966, pp.1292-1295.

AMS

Math
Aug 66

Fractional Powers of Weakly Positive Operators,
by P. E. Sobolevskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp.1296-1299.
AMS

Math
Aug 66

Distribution of Nonrigid Bushing Connections
for a Convex Surface, by V.T. Formenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966,pp.1300-1303.
AMS

Math
Aug 66

An Analog of the Rado-Cartan Theorem for
Solutions of Elliptic Equations, by A.B.Sabat.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966, pp.1304-1307.

AMS

Math

Aug 66

Finitely Convergent Recursive Algorithms for the
Solution of Systems of Inequalities, by
V.A.Jakubovic.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol.166, No.6,
1966,pp.1308-1311.

AMS

Math
Aug 66

Synthesis of Nonlinear Control Laws, by R. A.
Nelepin,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 6, 1966, pp 1312-1314.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

307,288

The Precipitation of Clouds of Interaction Particles
and the Resultant Formation of "Dust" Sources by
Atmosphere Diffusion, by G. M. Petrova and N. P.
Mar'in, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 6, 1966, pp 1315-1318.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

307,291

Regions Free of Resonance Poles in the Scattering
Problem for a Three-Dimensional Potential, by
A. G. Ramm,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 6, 1966, pp 1319-1322.

Sov Phys Dok
Am Inst Pgys
Vol XI, No 2, Aug 1966

Aug 66

307,289

Structures of Vector and Axial Currents im Broken
U (12) Symmetry, by P. Winternitz by A. A. Makarov,
et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 6, 1966, pp 1323-1325.

Sov Phys Dok
Am Inst Phys
V1 XI, No 2, Aug 1966

Aug 66

309,038

Optical Absorption Spectra of Silver Atoms Stabilized in Various Matrices at 77 K, by R. A. Zhitnikov and N. I. Mel'nikov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CLXVI, No 6, 1966, pp 1326-1327.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,037

Relation Between the Shape of the Region of B-
Phase Homogeneity in the Niobium-Tin System
Phase Diagram and the Superconduction Properties
of Nb₃Sn, by V. N. Svechnikov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 6, 1966, pp 1328-1331.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,039

Theory of Stimulated Transitions in the Emission
from a Radiating Electron, by A. A. Sokolov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Col
CLXVI, No 6, 1966, ppXX-XX 1332-1334,

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,040

A Variational Principle for the Scattering Matrix
in the Electromagnetic Coupling of Two Volumes,
by I. B. Levinson,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXVI, No 6, 1966, pp 1335-1337.

Sov Phys Dok
Am Inst Phys
Vol XI, No 2, Aug 1966

Aug 66

309,046

Determination of the Dependence of the Absorption
Coefficient of Longitudinal Seismic Waves
Propagating in the Earth's Mantle on Frequency,
by I. P. Pasechnik, 8 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
CLVI, No 6, 1966, pp. 1339-1341.
JPRS 37798

USCR
Sci-ES/0
Oct 66

311,795

The Effect of a Magnetic Field on the Wetting of
Solids by Water, by V. I. Klassen,
RUSSIAN, ~~XXX~~ per, Dok Ak Nauk Chem SEC, Vol
CLXVI, No 6, 1966, pp 1383-1385.
CB

May 67

326,098

The Mechanism of Energy Transfer in the Radiolysis
of Ammonia Adsorbed on Zeolites, by A. G. Kotov,
N. Yu. A. Sorokin,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 6, 1966, pp 1386-1389.
CB

May 67

326,099

The Influence of a Third Component Added to
Nickel-Aluminum Alloys on the Thermodynamics
Properties of the γ and γ -Phase, by V. I. Malkin,
V. V. Pokidyshev,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXVI, No 6, 1966, pp 1390-1392.
CB

May 67

326,100

The Maximum Concentration of Vacancies in Binary Compounds, by B. F. Ormont,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol CLXVI, No 6, 1966, pp 1393-1396.
CB

May 67

326,101

Hydrodynamic Mixing in a Porous Medium Model
with Stagnant Zones, by V. G. Levich,
V. S. Larkin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 6,
1966, pp 1401-1404.
CB

Jun 68

359,744

The Trajectories of Particles in Radiation and
Chemical Processes in a Fluidized Bed, by
L. I. Sheifets, V. I. Mukosei.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 166, No 6,
1966, pp 1405-1408.

CB

Jun 68

359,745

The Ultrastructure of the Chromaffin Tissue in
the Phase of Restoration of the Catecholamines,
by E. M. Prilmak.

RUSSIA., per, Doklady Akademii SSSR, Vol 147,
No 6, Rei 1966, pp 1443-1446.
C.

June 6

354,515

Participation of Nucleic Acids in the Process of Biosynthesis of Chlorophyll, by T. G. Beridze,
M. S. Odintsova.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 6, 1966, pp 1454-1457.

CB

Jun 68

356,551

Effect of Acetylcholine on the Ribonuclease
Activity of Cerbral Cortical Tissue, by

N. N. Demin and G. A. Nechaeva.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 6, 1966, pp 1458-1460.

CB

Jun 68

356,552

Isolation and Properties of the Ribosomes and
Microsomes of Bombyx mori L. Pupae During
Metamorphosis, by E. B. Kuvaeva, N. A.
Gumilevskaya.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 6, 1966, pp 1461-1464.
CB

Jun 68

356,553

Elucidation of Secondary Structure of RNA from the
Nucleotide Sequence, by V. G. Tumanyan,
L. E. Sotnikova.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 6, 1966, pp 1465-1468.

CB

Jun 66

356,554

Effects and Aftereffects of Low Soil Temperatures and Frosts upon the Beginning and Productivity of Nitrogen Fixation in Legumes, by
A. I. Korovin and V. A. Vorob'ev.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 166,
No 6, 1966, pp 1469-1471.
CB

Jun 68

356,490