

Some Estimates for a Singular Integral, by
A. A. Babayev,
RUSSIAN, per, Dok AK Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1003-1005.
Am Math Soc
Vol VII, No 5 Sept-Oct 1966

Feb 67

318,346

An Existence Theorem for the Problem of
Short Term Weather Forecast, by G. V. Demidov
and G. I. Marchuk,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1006-1008.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,347

The Structure of Elementary Representations of
a Semisimple Complex Lie Group, by D. P. Zel-
obenko,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1009-1012.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,348

A Test for the Existence of Periodic Solutions
to Parabolic Equations, by Ju; S. Kolesov,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1013-1015.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,963

Homeomorphic Mappings in Three-Dimensional Euclidean
Space that Preserve Angles Between Rays, by

A. P. Kopylov,

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp ~~1015~~-1017.

Am Math Soc

Vol VII, No 5, Sept-Oct 1966

Feb 67

318,964

Closed Ideals in the Locally Convex Algebra
of Entire Functions with an arbitrary Growth
Majorant, by I. F. Krasickov,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1018-1019.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,965

Elliptic Boundary Value Problems with a Parameter
only in the Boundary Conditions, by O. I. Panic,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1020-1023.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,966

General Boundary Value Problems of Parabolic
Equations Investigated by the Method of Different
ial Equations in Banach Space, by P. E. Sobolevskiy
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1024-1027.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,967

Boundary Problems Values for Abstract Elliptic
Equations, by V. A. Trenogin,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1028-1031.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,968

Asymptotic Estimation of the Error in Cubature
Formulas with a Sobolev Regular Boundary Layer,
by V. D. Carusnikov,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 5, 1966, pp 1032-1034.
Am Math Soc
Vol VII, No 5,
Sept-Oct 1966

Feb 67

318,969

Some Characteristic Properties of Internal
Photoelectric Effect in Se-As-El Layers
within the Visible and X-ray Spectral Regions,
by Ye. Ye. Vaynshteyn.

ISSUES, see, Sci. Ak. Nauk SSSR, Vol 170,

No 5, 1966, pp 1052-1055.

ILL Ref: 5023.47 (N.13124)

Sci. Tech. & Equip
Sept 69

391,087

Regularization of the Earth, by M. A. Aleksidze,
6 pp.
RUSSIAN, per. Doklady Akademii Nauk SSSR,
Vol 170, No 5, 1966, pp. 1064-1067.
JPRS 39456

USSR
Sci. RS
Jan 67

315,125

Regularizing the Earth's Shape, by
M. A. Aleksidze.
RUSSIAN, per, Dok A k Nauk SSSR, Col CLXX,
No 5, 1966, pp 1064-1067.
AGI

Apr 67

324,082

Determination of the Depth of the Zero
Surface, by V. F. Kozlov.
RUSSIAN, per, Dok Ak Nauk SSSR, Col CLXX,
No 5, 1966, pp 1068-1069.

AGI

Apr 67

324,083

Circulation Preparative Chromatography, by
K. I. Sakodyskii, S. A. Volkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 170, No 5,
1966, pp 1136-1139.
CB

Jun 68

359,768

Structure of the SrO-ZrO₂ System, by
R. A. Tarnopol'skaya and N. V. Gul'ko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 170, No 5,
1966, pp 1140-1147.

CB

Jun 68

359,769

Kinetics of the Reaction of Carbon with Zinc-
Containing Slag, by V. M. Chumarev, A. I. Okunev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 170, No 5,
1966, pp 1143-1146.

CB

Jun 68

359,770

Relief and Degree of Subsidence of Loess
and Loessial Soil in the Volyn-Podolian
Highlands, by A. B. Bogutskiy.
RUSSIAN, per, Dok Ak nauk SSSR, Vol CLXX,
No 5, 1966, pp 1147-1149.
AGI

Apr 67

324,114

Significance of the Composition of Recent
River Pebbles, by N. N. Verzilin,
V. L. Klishevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1150-1153.
AGI

Apr 67

324,115

More Facts About the Paleozoic Stratigraphy
of the Southern Sahara, by Yu. G. Gatinskiy,
V. P. Klochko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1154-1157.

AGI

Apr 67

324,116

Basic Moraine on the Kola Peninsula and
in Northern Karelia, by A. A. Nikonov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1158-1161.

AGI

Apr 67

324,117

The Stratigraphic Significance of
Conodonts, by N. S. Ovnatanova, G. P. Lyashenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1162-1163.

AGI

Apr 67

324,118

The Composition and Properties of Niggliite
From Copper-Nickel Ores of the Monchegorsk
Deposit, by O. Ye. Yushko-Zakharova.
RUSSIAN, per, Dok Ak Dauk SSSR, Vol CLXX,
No 5, 1966, pp 1164-1166.
AGI

Apr 67

324,124

Structural Alterations in Aluminous
Pyroxenes, by N. A. Toropov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1167-1169.

AGI

Apr 67

324,125

Two Origins of Volcanogenic-Sedimentary
Rocks, by L. N. Botvinkina, Ye. A. Sokolova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1170-1173.
AGI

Apr 67

324,156

An Example of the Dependence of Epigenetic
Changes in Clay Minerals From Lithological
Characteristics of the Rocks, by V. V. Vlasov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1174-1176.

AGI

Apr 67

324,137

Chief Mode of Entry of Germanium Into Coal,
by V. M. Ratynskiy, T. I. Sendul'skaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 5, 1966, pp 1177-1180.

AGI

Apr 67

324,149

Accumulation and Redistribution of Rare
Earth Elements During Formation of
Iron-Manganese Concretions in the Ocean,
by L. S. Fomina.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
~~1966~~ No 5, 1966, pp 1181-1184.
AGI

APR 67

324,150

Types of Steady-State Distribution of Ions of
the Alkali Metals in the Animal Body, by
I. A. Skul'skii & I. V. Eurovina.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 177,
No 5, Oct 1966, pp 1185-1188.
CE

June 68

359,187

The Use of Organic Tin Compounds in the Control
of Plankton, by N. S. Stroganov & D. A. Kochkin.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 170,
No 5, Oct 1966, pp 1189-1191.

CS

JPRS: B7292

June 68

351,200

L-Valine and Germination of the Conidia of
Actinomyces streptomyces B-6, by
I. V. Kalakutskii & E. A. Bobkova.
RUSSELL, for, Doklady Ak Nauk SSSR, Vol 173,
No 5, Oct 1966, pp 1192-1194.
CB

June 67

350,213

Kinetic Characteristics of the Structural Transition of Phage T-2 DNA in Solution, by Yu. M. Evdokimov and Ya. M. Varshavskii. RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 170, No 5, 1966, pp 1205-1208.
CB

Jun 68

359,647

Effect of D- and DL-Cycloserine on the Trans-
aminase Activity of Subcellular Fractions of
Brain Tissue, by G. Ya. Kivman and
R. P. Porfir'eva.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 170,
No 5, 1966, pp 1209-1211.
CB

Jun 68

359,648

Succinic Semialdehyde - A Precursor of Glutamine in Plants, by V. L. Kretovich,
T. I. Karyagina.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 170,
No 5, 1966, pp 1212-1215.
CB

Jun 68

359,649

Inhibition by Imdazole Derivatives of Peroxi-
datic Oxidation of Endogenous Unsaturated Fatty
Acids of Muscles, by E. A. Neifakh.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 170,
No 5, 1966, pp 1216-1219.
CB

Jun 68

359,650

Cooperative Nature of the Properties of Proteins
and the Reactivity of Peptide Bonds, by
A. I. Shul'mina and P. V. Afanas'ev.
RUSSIAN, per. Doklady Ak Nauk SSSR, Vol 170,
No 5, 1966, pp 1220-1222.
CB

Jun 68

359,651

Axo-Axonal Connections in the Cerebral Cortex
of Animals, by N. I. Artyukhina.
RUSSIA, per, Doklady Ak Nauk SSSR, Vol 170,
No 5, Oct 1966, pp 1223-1225.
CH

June 61

257,000

On the Effect of Antidiuretic Hormone on
Mucopolysaccharides in Interstitial Substances
of Skin, by N. Ya. Ratner & N. A. Levina,
RUSSIAN, per, Doklady Akhauk SSSR, Vol 177,
No 5, Oct 1966, pp 1226-1227.

CS

June 68

357,207

Genotypic Variability in Regional and Non-Regional
Lymph Nodes in Presence of Acute Scurvy, by
G. G. Kiryakov & E. K. Bulochinskaya.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. 177,
No 5, Oct 1966, pp 1229-1331.
CS

June 68

38-1000

Stability of Normally Solvable Extensions of
Partial Differential Operators, by I. V. Gel'man,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1239-1242.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,970

Operational Calculus and the Theorems of Paley-Wiener
type for a Semisimple Complex Lie Group, by D. P.

Zelobenko,

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol

CLXX, No 6, 1966, pp ~~XXXXXXX~~ 1243-1246.

Am Math Soc

Vol VII, No 5, Sept-Oct 1966

Feb 67

318,971

Certain Classes of Orbits for the Group of the
Triangle-Unit Matrices, by I. A. Zigulin,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp ~~124~~ 1247-1250.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,972

On the Confluent Hypergeometric Functions of
Humbert and Horn, by M. V. Kapilevoc,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1251-1254.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,973

Expansion in a Series of Eigenfunctions of a
Nonselfadjoint Boundary Value Problem, by A. O.
Kravickiy,

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1255-1258.

Am Math Soc

Vol VII, No 5, Sept-Oct 1966

Feb 67

318,974

An Analogue of Stone's Theorem in a Space with an
Indefinite Metric, by M. A. Naimark,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1259-1261.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,975

On a Basis for Recursive Enumerable Sets, by
V. A. Nepomnjasic,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1262-1264.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,976

Traces of Elliptic Operators on Submanifolds and
K-Theory, by S. P. Novikov and B. Ju. Sternin,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1265-1268.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,977

Some Properties of Orlicz Spaces Generated by
M(x, w) Functions, by V. R. Portnov,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1269-1272.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,978

Generalized Derivatives and Differentially Almost
Everywhere, by Ju. G. Resetnjak,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1273-1275.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,979

The Partially Ordered System of Attracting Sets,
by A. N. Sarkovskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec, Vol
CLXX, No 6, 1966, pp 1276-1278.
Am Math Soc
Vol VII, No 5, Sept-Oct 1966

Feb 67

318,980

The Principle of Construction of a Searchless
Adaptive Variable-Structure Automatic Control
System, by B. N. Petrov, et al, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 170, No. 6, Oct 1966, pp. 1279-1282.
JPRS 39393

USSR
Sci-Electronics
Jan 67

316,092

Intermittent-Action Pneumatic Computer Engi-
neering, by E. V. Fudim, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol.
169, No. 6, 1966, pp. 1293-1295.
JPRS 40084

USSR
Sci-Elec & Electrical Engr.
Mar 67

321,002

Results From the Lunar Ionosphere Detection
Experiments Carried Out on the First
Moon Satellite, by K. I. Gringauz,
V. V. Bezrukikh.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1306-1309.

AGI

EPAS 39455

See Tech Info facility

Apr 67 ST-LPS-LA-10695

P910125768V 324,084

The Effect of Hydrogen Chloride Upon the Thermal
Decomposition of Polyvinylchloride, by
G. A. Razuvaev.
RUSSIAN, per, Akademiya Nauk SSSR, Doklady, Vol 170,
1956, pp 1342-1343.
INTC-71-18234-07C

Jan 72

Subsolidus Structure and Fusibility Diagram of
the System $\text{SrO}-\text{Al}_2\text{O}_3-\text{ZrO}_2$, by R. A. Tarnopol'skaya
and N. V. Gul'ko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 170, No 6,
1966, pp 1380-1382.

CB

Jun 68

359,771

The Formation Conditions and Age of the
Nikitovka Antimony-Mercury Deposit in the
Donets Basin, by S. V. Kuznetsova,
V. I. Skarzhinskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1383-1385.
AGI

Apr 67

324,119

A Possible Interpretation of the Thermal
History of Quartzes by the Luminescence
Method, by V. B. Vasilenko, A. A. Golovin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1386-1389.
AGI

Apr 67

324,126

Glumbelite, A Dioctahedral $2M_2$ Mica, by
V. A. Drits, B. B. Zvyagin.
RUSSIA, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1390-1393.
ACI

Apr 67

324,127

Nilarite From Central Asia, by E. I. Iovcheva,
I. I. Kupriyanova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1394-1397.
AGI

Apr 67

324,128

Isomorphism in the System $YNbTiO_6$ - $CeNbTiO_6$,
by A. I. Komkov, M. P. Belopol'skiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1398-1399.

AGI

Apr 6 77

324,129

Hydrothermal Synthesis of Amphibole of
the Ferroedenite-Ferrohastingsite Series,
by I. Yu. Malinovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1400-1402.
AGI

Apr 67

324,130

Another Find of Meneghinite in Eastern
Transbaikal, by N. N. Mozgova, Yu. S. Borodayev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1403-1406.

AGI

Apr 67

324,131

Possibility of Prospecting for Quartz
Veins of Different Genetic Types by the
Piezoelectric Method, by A. G. Myullerbek.
RUSSIAN, per, Dok Ak nauk SSSR, Vol CLXX,
No 6, 1966, pp 1407-1410.

AGI

HFC/BN-1TR-293-67

Apr 67

324,132

Certain Data on Fvrmation Temperatures of
the Synny'r Alkalic Massif, by L. I. Panina.
RUSSIAN, per, Dok Ak Gauk SSSR, 1966,
Vol CLXX, No 6, pp 1411-1413.
AGI

Apr 67

324,135

Unconsolidated Sediments of the UST'-URT
Plateau, by M. I. Yepifanov.
RUSSIAN, per, Dok Ak Cauk SSSR, Vol CLXX,
No 6, 1966, pp 1414-1417.
AGI

Apr 67

324,138

Indications of Ore-controlling Disturbances,
by Ya. P. Baklayev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1418-1421.
AGI

Apr 67

324,151

The Gases of Postmagmatic Minerogenetic
Processes, by Yu. A. Dolgov, N. A. Shugurova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXX,
No 6, 1966, pp 1422-1425.

AGI

Apr 67

324,152

Dynamics of Nonspecific Esterase Activity During
Skin Connective-Tissue Histogenesis, by
G. P. Sokolova & G. S. Shishkin.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 170,
No 6, Oct 1966, pp 1427-1429.
C†

June 68

359,005

Induction of the "Stripping Enzyme" by Various
Poxviruses, by V. M. Zhdanov & G. P. Pateron.
RUSSIAN, prr, Doklady Ak Nauk SSSR, Vol 177,
No 6, Oct. 1966, pp 1430-1432.
CB

June 68

357,232

A Study of the Crustacean (Harpacticoida) Fauna
of Lake Issyk-Kul', by E. F. Muzilova.
RUSSIAN, Tr. Doklady Ak. Nauk SSSR, Vol. 171,
No. 6, Oct. 1966, pp 1436-1438.
Cb

June 68

211,231

A Comparative Examination of the Regeneration
of the Lenses in the Loach Family: (*Uisgurmus*
fossalis, *emachilus barbatus*, *emachilus*
dorsalis), by V. I. Mitashov.
RUSSIAN, Tr. Doklady Ak Nauk SSSR, Vol 178,
No 6, Oct. 1966, pp 1439-1442.

June 68

357,200

Coding of Brightness by Neurons of the Optic
Cortex of the Cat, by V. D. Glezer
Yu. G. Proshikhina.
RUSSIA, par, Doklady Ak Nauk SSSR, Vol. 170,
No. 6, Oct 1966, pp 1443-1446.
CB

June 68

357,228

Bioplectic Reactions of the Associative Cortex
to Stimulation of the Pelvic Nerve, by
G. V. Iakulichina & S. S. Maslyashchikova.
RUSSIAN, Tr. Doklady Ak. Nauk SSSR, Vol. 170,
No. 6, Oct. 1966, pp 1447-1450.

CE

June 69

359,230

Abolition of Atrio-Ventricular Dysharmony by
Pavlov's Augmentor Nerve, by V. M. Pokrovskii.
RUSSIAN, part, Doklady Ak Nauk SSSR, Vol 173,
No 6, Oct 1966, pp 1451-1452.
CH

June 68

358,227

Anti-Leukosis Activity, Toxicity and Action on
Blood Formation of Esters of Thiosulfonic Acid-
Thio Analogs of Mileran, by S. I. Zhurbenovskii
& N. G. Boldyrev.
RUSSIAN, part, Doklady Ak Nauk SSSR, Vol 177,
No 6, Oct 1966, pp 1453-1455.
CS

June 68

352,231

Peculiar Features in the Distribution of
Catecholamines in the Rat Hypothalamus and
Hypophysis in Relation to the Process of
Neurosecretion, by V. A. Govyrin &
M. S. Konstantinova.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 190,
No 6, Oct 1966, pp 1456-1458.
CE

June 68

359,198

The Effect of Cortisone on Enzyme Induction in
the Isolated Liver, by S. P. Golovin.
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol. 170,
No 6, Oct 1966, pp 1459-1461.
CB

June 68

358, 110

The Effect of Thyrotropic Hormone and Iodine on
Function and Proliferation of the Thyroid Gland,
by S. Masavina & Yu. A. Rominov.
RUSSIAN, Trer, Doklady Ak. Nauk SSSR, Vol. 177,
No 6, Oct 1966, pp 1462-1465.

CE

June 68

35, 19-

Structural and Functional Changes Produced by
Helminth Toxins in the Host Organism, by
E. A. Savchuk & O. E. Savchuk.
RUSSIAN, Izv. Akad. Nauk SSSR, Vol. 137,
No. 6, Oct. 1966, pp 1466-1469.

2013 08

357,417

Extremal Quasiconformal Mapping for Arbitrary
Plane Regions, by P. A. Biluta,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXXI, No 1, 1966, pp 9-12.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Sci-Math
Apr 67

322,21813

The Difficulties in Minimizing Boolean Functions
Through Universal Approaches, by Ju. L.

Vasil'ev,

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,

Vol CLXXI, No 1, 1966, pp 13-16.

Am Math Soc

Vol VII, No 6, Nov-Dec 1966

Sci-Math
Apr 67

322,814

An Existence Theorem for the Polynominal with
a Given Sequence of Extrema, by V. S. Videnskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXXI, No 1, 1966, pp 17-20.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

322.815

Elliptic Operators in Functional Derivatives
and Diffusion Equations Connected with Them,
by Ju. L. Daleckiy,
RUSSIAN, per, Dok Ak nauk SSSR, Math Sec.,
Vol CLXXI, No 1, 1966, pp ~~XXX~~ 21-24.
Am Math Soc
Vol VII, No 6, No v- Dec 1966

Apr 67

322,816

A Characterization of Completely Irreducible
Representations of a Semisimple Complex Lie
Group, by D. P. Zelobenko and M. A. Naimark,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol XX CLXXI, No 1, 1966, pp 25-28.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

322,817

Exact Classes of Uniqueness for the Solution
of the Cauchy Problem for Second-Order
Equations, by Ja. I. Zitomirskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXXI, No 1, 1966, pp 29-32.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

322,818

A New Class of Finite Difference Operators,
by T. S. Zverkina,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec.
Vol CLXXI, No 1, 1966, pp 33-36.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

322,819

The Block Length Necessary to Obtain a Given
Redundancy, by R. E. Kricevskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXXI, No 1, 1966, pp 37-40.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

322,820

Stability Regions of Complex Selfadjoint Systems of Differential Equations, by

V. B. Lidskiy and P.A. Frolov,

RUSSINA, per, Dok Ak Nauk SSSR, Math Sec.,

Vol CLXXI, no 1, 1966, pp 41-43.

Am Math Soc

Vol VII, No 6, Nov-Dec 1966

Apr 67

322,821

In-the-Large Behavior of Phase Trajectories
of Quailinear ~~Differential~~ Equations with
Retarded Arguments, by Ju. I. Neimark
and L. Z. Fisman,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXXI, No 1, 1966, pp 44-47.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

522,822

General Theory of Variational Problems with
Applications to Optimal Control, by

L. Neustadt,

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,

Vol CLXXI, No 1, 1966, pp 48-50.

Am Math Soc

Vol VII, No 6, Nov-Dec 1966

Apr 67

322, 325

Some Conditions for the Uniqueness of Solution
of Inverse Problems in Potential Theory,
by A. I. Prilepko,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXXI, No 1, 1966, pp 51-54.
Am Math Soc
Vol VII, No 6, Nov-Dec 1966

Apr 67

322,824

Group Classification of One-Dimensional Gas-Flow
Equations by the Cartan Method, by K. P. Surovikhin,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 55-58.
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326,265

General Critical Stressed State of a Strictly
Convex Shell, by A. V. Pogorelov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol.
CLXXI, No 1, 1966, pp 59-60.
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326.810

A Method of Solving the General Boundary-Value
Problem for the Propagation of Long and Ultra-
long Radio Waves Around the Earth, by

P. E. Krasnushkin,

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 61-64.

Am Inst Phys

Vol XI, No 11, May 1967

May 67

326,267

Smoothness of the Detonation Front in a Liquid
Explosive, by Ya. B. Zel'dovich,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 65-68.
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326,268

Approximately Single-Quasiparticle States in Odd
Deformed Nuclei, by V. G. Solov'ev,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 69-72.
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326,269

A Uniform Anisotropic Cosmological Model with a
Magnetic Field, by I. S. Shikin,
RUSSIAN, per, Dok Ak Tauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 73-76.
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326,270

Effect of Structure on the Resistance of a Beta-
Titanium Alloy to Crack Propagation, by N. V. Ageev,
RUSSIAN, per, Dok Ak nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 77-9880
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326,278

Neutron-Diffraction Study of Radiation Ordering in
 Ni_3Mn and $\text{Ni}_3\text{Fe}_{1/2}\text{Mn}_{1/2}$ Alloys, by V. N. Gneshev,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 81-83.
Col XI, No 11, May 1967

May 67

326,279

Vacancy Mechanism for Accelerated Failure of
Material on Irradiated in the Stressed State,
by V. S. Karsev,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol
CLXXI, No 1, 1966, pp 84-87.
Am Inst Phys
Vol XI, No 11, May 1967

May 67

326,280