

On the Diamagnetism of Superconductors, by Yu. L.  
Klimontovich, 5 pp.

RUSSIAN, twice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 1, 1955, pp 44-46.

Morris D. Friedman  
\$2.50 K-123

Sci - Physics  
Dec 56 CTB

41,472

Renormalization of Meson Charge in Pseudo-scalar Theory With Pseudoscalar Coupling, by  
I. Pomeranchuk, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
CIV, 1955, pp 51-53.

AEC Tr 2355  
Sci - Physics

51.4 61-17503 30053

Inelastic Scattering of Electrons in Nickel and  
Molybdenum, by A. R. Shulman, I. I. Farbenstein,  
4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
CIV, No 1, 1955, pp 56-59.

SLA 61-17504  
US Dept of Commerce  
Nat'l Bureau of Standards

Sci - Nuclear Physics  
Dec 56 CTS

41,184

Influence of Surface-Active Agents on the  
Dimensions of Chip Elements, by G. I.  
Epifanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CIV, No 1, 1955, pp 68-71.

CFSTI TT-64-18361  
Henry Bratcher Tr 3719

Sci - Minerals/Metals, Chemistry

May 1956

\$2.90 34,890

S-2027

RUSSIAN, per, Doklak Nauk SSSR,  
vol III, no 1, 1955, pp 60-63.

Liquid Inclusions in Artificial Quartz, by  
V. P. Butuzov, N. I. Ikornikova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CIV, No 1, 1955, pp 76, 77.

SLA R-1<sup>206</sup>

May 58

68,905

The Crystal Structure of the Compounds Cr<sub>2</sub>Bo<sub>12</sub>,  
VBo<sub>12</sub> and NbBo<sub>12</sub>, by P. I. Kripyakevich, B. I.  
Gladyashevskiy.

RUSSDIAN, per, Dok Ak Nauk SSSR, Vol ClV, No 1,  
1955, pp 82-84.

REC 11-11-74 1027 AM  
UKSM QB 4.T/999

Sci - Chemistry  
Oct 57

54, 119

On a New Kurnakov-Type Compound Fe<sub>3</sub>V in the System  
Iron-Vanadium, by I. Kornilov, V. Mikhayev,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, 1955, pp  
88-90. GB 4

USSR Tr 1000

Sci - Chem

58, 4465

Feb 58

Surface Tensions of Alkali Metals Amalgams at  
Limiting Dilutions, by P. Fugachevich, O. A.  
Timofeevicheva, 7 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIV, No. 1,  
1955, pp 98-100.

SLA R-1129

Sci - Chemistry  
Mar 58

60,002

Kinetics of Autoxidation of Cumene and Peculiarities  
of Action of Phenol Additions, by D. K. Tolopko.

RUSSIAN, Chirice-mo per, Dok Ak Nauk SSSR, CIV, No 1,  
1955, pp 101-103. <sup>Vol</sup>

Sci - Chemistry  
Aug 1956

36,997

Assoc Tech Sv

RAD348  
RJ-344

\$5.20

The Clarke of Beryllium in Granitic Pegmatites,  
by A. A. Beus, and S. N. Fedorchenko, 12 pp).

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol 107,  
1955, p 103-111.

SIA R 1654

Sci

Jul 58

68,765

On the Rate of Decomposition of the Phytoplanktonic Organic Matter in Taganrog Bay,  
by T. I. Gorchkova. Ural.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol. 67V,  
No 3, 1955, pp 312-317.

DSIR LIB REG 11.924

(loan)

Sci - Biol  
Feb 60

10367

A Geochemical Prospecting Method for Pyrite Deposits, by N. D. Sinyavskiy, 2 pp.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIV,  
No 1, 1955, p 124.

SIA R 1653

Sci

Jul 58

68,308

Macropolygonal Structure of Clay Plains, by  
B. V. Vinogradov.  
RUSSIAN, per, Doklady AN SSSR, Vol 104, 19555,  
pp 118-120.  
\*AFCRL

Sci-Bar Sci  
Aug 68

On Production of Phytoplankton in the  
North-Western Zone of the Pacific Ocean,  
by V. G. Bogorov, et al.

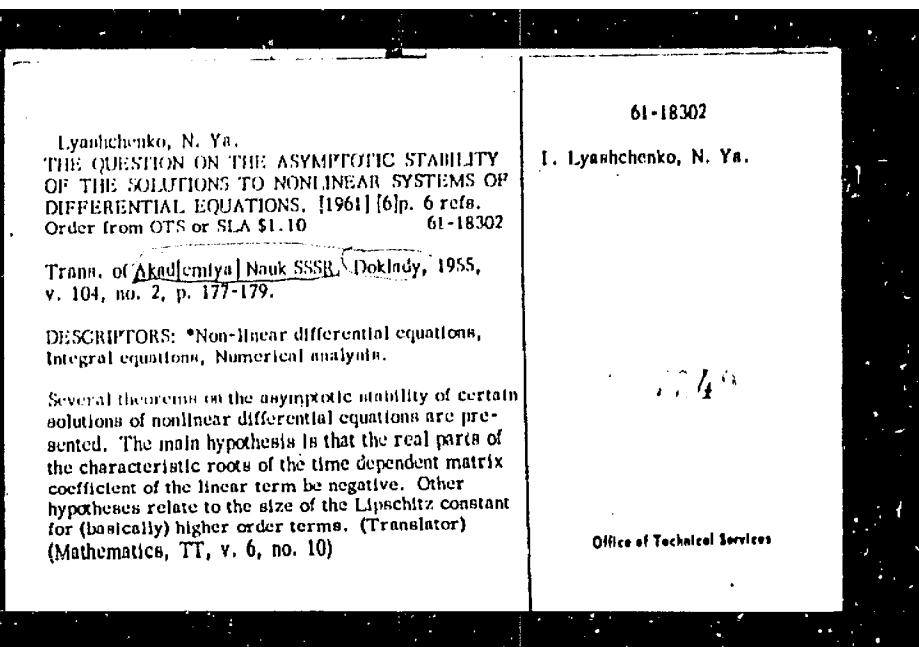
RUSSIAN, por, Dok Ak Nauk SSSR,  
Vol CIV, No 1, 1955, pp 141-143.

CSIRO

Sci -- Geophys

Mar 62

188, 532



On the Study of Symmetric Boolean Functions From  
the Relay-Switching-Circuit Theory Viewpoint,  
by G. N. Povarov, 5 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CIV, No 2,  
1955, pp 183-185.

JNA 65-1532-07  
MDF P-121

Sci - Phys  
Jul 61

161,393

The Velocity Distribution Function for  
Electrons in a Variable Electric and Constant  
Magnetic Field, by A. V. Gurevich, 5 pp.

RUSSIAN, thrice-mo por, Dok Ak Nauk, SSSR,  
Vol CIV, No 2, 1955, pp 201-204.

See also A.C. No 16/3869  
Sci Tr Center RG-4647

Scientific - Physics

Jan 57 CES

42, 300

Investigation of the Magnetic Structure of Iron  
Silicide Crystals by the Powder Diagram Method, by  
Ya. S. Shur, V. R. Abel's, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 2, 1955, pp 209, 210.

Morris D. Friedman

\$2.00 3-109

41,435

Sci - Physics  
Dec 56 CTS

SLA R-2073

Influence of the Ratio of Areas of Friction Upon Wear, by D. N. Garkunov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 2, 1955, pp 227, 228.

Bratcher Tr 3764

Sci - Physics

II-64-17387

Aug 1956

37,400

\$1.50

Cyclic Relay Circuits and Analytic Relations  
Therein, by V. I. Ivanov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,  
No 2, 1955, pp 239-241.

MNF I-110  
9092801

Sci

172,835

Nov 61

B

(KX-5592)

On the Theory of Explosion Processes, by N. S.  
Ukulov, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 104, No 3,  
Sep 1955, pp 376-379.

JPRS 7969

Sci - Physics

Apr 61

146,655

Flow Pressure, Compressibility, and  
Stresses Relaxation in the  $\text{NH}_4\text{NO}_3-(\text{NH}_4)_2\text{SO}_4$   
System, by I. Ya. Leakovitch, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,  
No 2, 1955, pp 249-252.

ORB 60-17713

Sci  
Mar 62  
Vol 4, No 4

187, 758

Participation of the Oxygen of Water and Atmospheric  
Oxygen in Plant Respiration, by B. B. Vartapetyan,  
A. L. Kursanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, 1955,  
pp 272-275.

SLA Tr R-1336

Sci

Jun 58

65,857

Investigation on the Effect of Hypoxia on Levels  
of Nucleoproteins in Cell of Cerebral Cortex by  
Methods of Ultraviolet Microscopy, by S. M. Kreps,  
E. Cenikseva, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIV, 1955;  
pp 276-279.

NIH 11-27

Sci - Med  
Dec 58

77,408

Histological Studies of Annual Changes in Thyroid Gland of the Pike and Neurosecretory Activity of the Hypothalamic Nuclei Under Seasonal Changes Occurring in the Thyreotropic Function of the Hypophysis, by A. V. Zaitsev, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 2, 1955, pp 315-318.

341 040 86004  
Sci Mus Lib No 56/3069

Sci - Biology

44,040

To the New Phenomenological Theory of Superconductivity  
by Yu. L. Klimontovich, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 3, 1955, pp 384-386.

Morris D. Friedman  
\$2.50 R-124

41,473

Sci - Physics  
Dec 56 CPS

SAC 12-10-85

The Dielectric Constant of Barium Titanate,  
by X. P. Kozlochayev. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,  
pp 387, 388.

Sci Mus Lib Tr 57/2546

Sci - Chem  
Sep 58

73,139

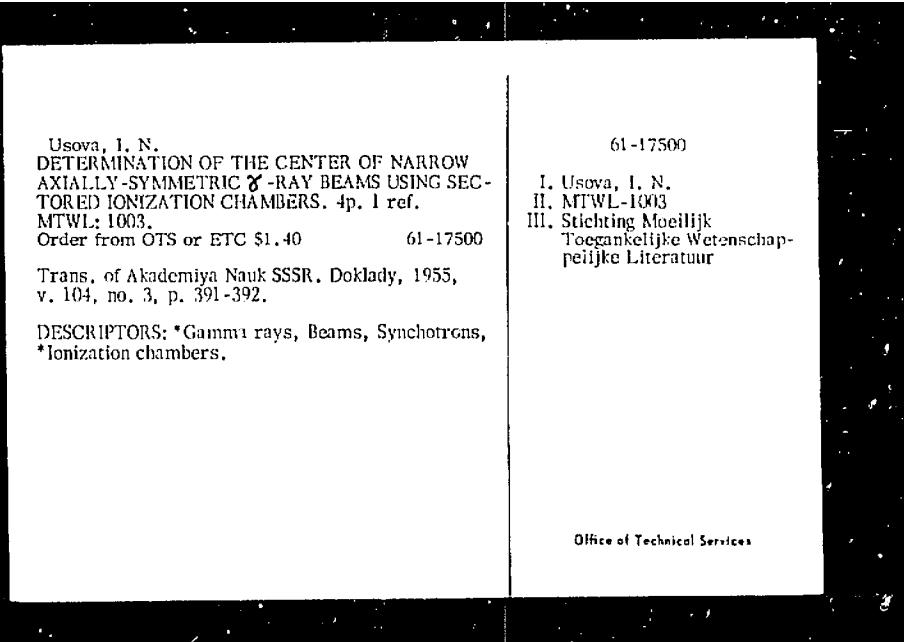
Dependence of the Magnetic Viscosity on the Specimen Dimensions, by A. N. Remizov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 3, 1955, pp 389, 390.

Morris D. Friedman  
\$2.00 R-162

Sci - Physics  
Dec 56 CTS

44,476



On the Existence of Penetrating Pairs, by A. V.  
Khrinian, 11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CIV, 1955, pp 393-396.

AEC Tr 2488

Sci - Physics

36,585

Jul 1956

Influence of Temperature Upon the Graphitization  
of Coke, by N. P. Kunin, S. V. Shulepov

RUSSIAN, thrice-zinc per, Dok Ak Nauk SSSR, ~~Vol CIV~~,  
Vol CIV, # No 3, 1955, pp 401-404.

Bratcher Tr 3784

\$3.80

Sci - Min/Metals  
Sep 56 GTS

38,529

Compressibility of Powders of Borides, Carbides,  
and Nitrides of High-Melting Metals, by G.V.  
Samsonov, V. S. Neshpor

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR,  
Vol 104, No 3, 1955, pp 405-408

Brutcher No 3661  
\$3.50

Scientific - Min/Metals  
Feb 56 CTS/dex

3-161  
31,238  
P.E.C.P. 3/19  
D.S.P.

On the Interaction of Twins in Bi, Zn and Sb,  
by V. I. Startsev, V. M. Kosevich, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol CIV,  
1955, p 413.

AEC 3336  
CIA/TDD/X-1982

Scientific - Min/Metals

Jan 56 CTS/DEX

30,767

The Reaction Between Organic Sulfur Compounds and  
an Iron Contact Catalyst, by A. N. Bashkirov, N. L.  
Barabanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. CIV,  
No 3, 1955, pp 415-417.

Assoc Tech Sv  
RJ-354

Sci - Chemistry

37,007

\$14.20

Aug 1956

Theory of Compensation of Space-Charge in Steady-  
Flow Ion Beams, by V. S. Anastasovich

USSR  
RUSSIAN, per, Dok Akad Nauk, Vol CIV, No 3, 1955,  
pp 442-444.

Def Sci Info Sv  
DSE, Canada, T 208R

Scientific - Geophysics

36,620

Neotectonic Movements in the Arctic Regions,  
by. D. G. Panov, 5 pp.

RUSSIAN, zhric-no per, Dok. Ak. Nauk SSSR, Vol CIV,  
No 3, p 1955, pp 462-465.

Sci Tr Center RT 3467

Scientific - Geophysics 36, 164

June 56 CTS

DRB T204R

On the Preservation of Asymptotic Stability in  
Transition From Differential Equations to the  
Corresponding Difference Equations, by M. A.  
Skalkina, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol.  
CIV, 1955, pp 505-508.

AEC Tr 2687

Sci - Mathematics  
Jan 57 CTS

42,189

SAC-REF ID: 54136479

On an Integral of the Equations of Unsteady,  
Adiabatic Gas Motion, by B. P. Korobeynikov, 6 pp.

RUSSIAN, thrice-xx per, Dok Ak Nauk SSSR, Vol CIV,  
No 4, 1956, pp 509-512.

Morris D. Friedman *k-135*  
\$3.00

Sci - Physics

38,246

Hydraulic Resistance of Mixed Gas-Liquid Streams in Horizontal Pipes, by M. I. Semenov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV, No 4  
1955, pp 513-~~246~~ 516.

Co-Op Tr Sch Tr 257  
\$1.12s.

Sci - Physics

42, 326

Results of Observations of Discrete Sources  
of Cosmic Radiation at 3.2 CM. Wavelength,  
by N. L. Kaidanovki, N. S. Kardashev, I. S.  
Shklovskiy 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CIV,  
No 4, 1955, pp 517-519.

Navy Tr 1289/NKL 550

Sci - Physics 31, 918

URSS) No 3120

(Part I)

Cohesion of Frozen Soils, by S. S. Vialov.

th rice-mo

RUSSIAN, Amer, Dok Akad Nauk, Vol CIV, No 4, 1955,  
pp 527-529.

Def Sci Info Sv  
DRB, Canada, T 203R

Sci - Geophysics

36,618

On the Relation of the Magnetic Characteristics of  
Magnetically Soft Alloys to the Lamina Thickness,  
by E. I. Gurvich, E. Kondorakiy, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 4, 1955, pp 530-532.

Morris D. Friedman  
\$2.50

Sci - Physics  
Dec 56 CTS

41,477 G-133

SLA R-2-72

Kinematic Scattering of Electrons by an Ideal  
Kondo Crystal, by S. Vainshtein.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol CIV, No 4,  
1955, pp 537-539. 907023

USSR Ref No 3236

Sci - Electronics  
Jan 58

58, 198

Oxygenated Compounds of Titanium, by N. P.  
Bogoroditskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 4, 1955, pp 543-545.

Brutcher Tr  
No 3674

34,117

\$2.45

Scientific - Min/Metals  
Chemistry

May 56 CTB/DEW

Investigation of the Structure of Alloys of  
Titanium With Niobium and Carbon Under the Ultra-  
Violet Microscope, by V. P. Blyutin, M. L. Bernshtain,  
Y. Pavlov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 4, 1955, pp 546-548.

ASLIB-CB Tr 4

Phys  
Sci -/Min/Met

56, 089

Dec 57

Investigation of Properties of the High Molecular  
Compounds of Petroleum, by S. R. Sergienko,  
B. E. Davydov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, 1955,  
pp 555-558.

CCT-137B

CCT-187 TM

Sci - fuels  
Dec 59

102, 993

Role of Non-Protein Ingredients in the Formation  
of Structural Collagen, by A. L. Zaydes, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 4,  
1955, pp 563-566.

ALL M. 2917

Sci. & Res  
Dec 61

177.588

Thermionic Emission From Silicate and Aluminosilicate Ion Exchangers, by G. M. Panchenkov,  
RUSSIAN, per, Doklady Ak Nauk SSSR, Vol 104,  
No 4, 1955, pp 571-574.  
NASA TT F-11, 367

Sci-Phys  
Jan 68

Infrared Spectra of Phthalocyanines and the Effect  
of Gaseous Compounds on Them, by A. N. Sidorov,  
A. N. Terenin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, 1955,  
pp 575-578.

SLA Tr R-1338

Sci

Jun 58

65, 847

Coacerbates in Ferments - High Carbohydrates  
Coacerbates in Alfa Amylase, by A. I. Oparrin,  
T. N. Yevreinova, et al, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Biokhimiya,)  
Vol CIV, No 4, 1955, pp 581-583. 2, 2529

\*FTD-TT-63-191

Sci - Biol, Chem

Feb 63

On the Etching Decomposition of Glasses by Ionic  
Bombardment, by G. V. Spivak, A. I. Krotkina,  
L. V. Lazarjeva, 3 pp.

RUSSELM, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
1955, p 579.

CIA/FDO X-271A

Sci - Physics  
Feb 56

55-247

Coacervates and Ferments Albumin-Carbohydrate.  
Coacervates and Alpha-Amylases, by A. I. Oparin,  
T. N. Yevreinova, ММ МММ et. al., 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Biochemistry),  
Vol CIV, No 4, 1955, pp 581-583. 9668529

PTD-TI-63-191

Sci-Biol  
May 63

230,826

The Theory of the Setting of Gypsum Bonding Materials,  
by O. V. Kuitzevich, P. E. Alekseeandrov, V. B.  
Ratinov, T. I. Rozenberg, G. G. Bogautdinova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 4, 1955, pp 587-588.

Sci Mus Lib Tr 57/3672  
7/16/58  
Sci - Physics 60-513  
Apr 58 SLA TR R-2054

Giant Carnivorous Dinosaurs of Mongolia, by E. A.  
Maleyev.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol CIV, No 4,  
1955, pp 634-637.

UKSM C-2106

Sci - Biology  
Oct 57

54, 091

Estimation of the Error Involved in the Numerical Integration of Differential Equations by the Adams Extrapolation Method, by N. S. Bakhvalov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 104, 1955,  
pp 683-686.

\*BBC ABRS

NCL Ref: 5828.4F(12858)

Sci-Math  
Jan 68

Reconstruction of Potential Energy by the  
Phases of Scattered Waves, by V. A. Marchenko,  
7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, 1955,  
pp 695-698.

AEC UCRL-Trans-638

Sci - Geophys  
May 61

150, 380

Spectrum and Energy Levels of the Polonium Atom,  
by E. A. Vernyj, A. N. Zajdel, and K. G.  
Slabebilit.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
1955, pp 710-712.

Ref. H. Hanwell  
ADC Tr 2466

Scientific - Nuclear Physics  
- Chemistry

36, 288

Jun 56 CTS/dex

The Energy Dependence of Complete Nuclear Cross  
Sections in the Range of Neutron Energies From  
380 to 630 MEV, by V. P. Dzhelepov, V. I. Satarov,  
Y. B. M. Golovin

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
pp 717-20, 1955.

AEC, UCRL-Trans-257  
107-247

31,688

USSR

Sci - Nuclear Physics  
Mar 56 CTS/DEX

Effect of Pressure on the Periodic Properties of  
Elements, by Yu. N. Ryabinin, 8 pp. UNCLASSIFIED

RSSIAN, por, Dok Ak Nauk SSSR, Vol CIV, No 5, 1951  
pp 721-724.

OT& 63-15738

Sci Mus Lib Tr 57/4324

Sci - Phys  
Sep 58

73, 2562

(CFA-R-1654  
Return to Friend  
9216132 8/1/

Oxygen Isotope Exchange Between Heavy Oxygen Water and Some Tungstates, by V. I. Spitsyn,  
R. E. Aystova.  
RUSSIAN, por, Dok Ak Nauk SSSR, Vol CIV,  
1955, pp 741-743. 9232275  
AEC-IS-Tr-28

Sci - Chem  
Mar 66

298,505

Effect of Gamma Radiation From Radioactive Cobalt  
on Carbohydrates, by M. A. Khanokh, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 5, 1955,  
pp 746-749.

Sci Tr Center RT-2305

Sci - Physics

41,553

Sci Tr Center RT-2305

Sci Tr Center RT-2305

Sci Tr Center RT-2305

New Carnivorous Dinosaurs From the Upper Chalk in  
Mongolia, by E. V. Maleyev.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol CIV, No 5,  
1955, pp 779-782.

UKSM Ref C-2107

Sci - Biology  
Oct 57

54, 093

Some Remarks on the Problem of the Numerical  
Integration of Differential Equations by Finite  
Difference Methods, by M. V. Lomonosov, 5 pp.

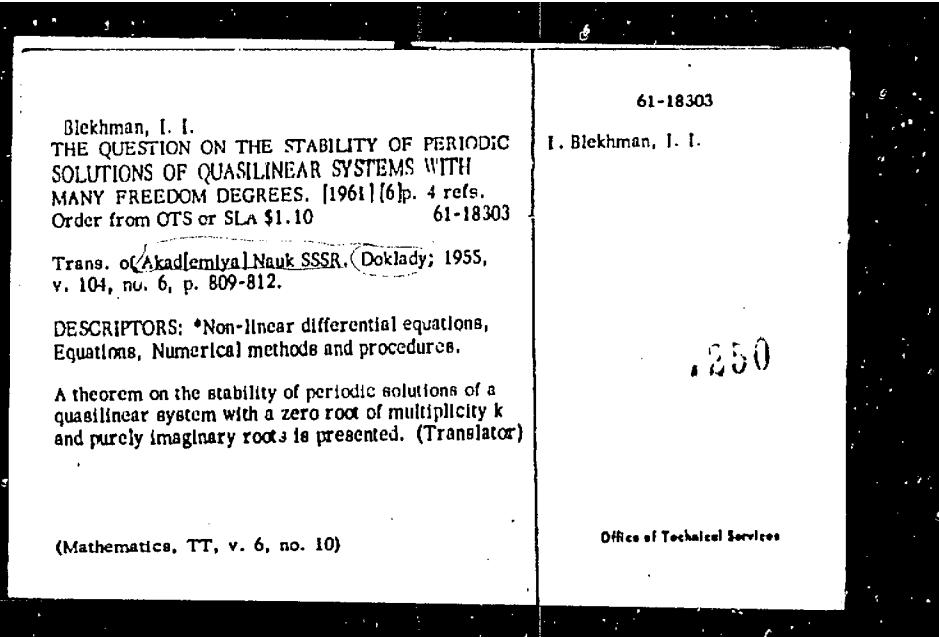
RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol.  
674 CIV, 1955, pp 805-809.

SLA R-1242  
AEC Tr 2688

Sci - Mathematics  
Jul 57 CIS

42,192

Sci Mu, Sci R-1242



The Polarization of Electrons in the Decay of  
Polarized  $\mu$ -Mesons, by L. B. Okun', 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CIV, 1955, pp 840-842.

AEC Tr 2469

Sci - Physics

36,580

Jul 1956

Correlation of the Planes of Disintegration of  
a  $\nu^0$  -Pair and the Spin of  $\theta^0$  -Meson, by  
L. D. Puzikov, Ya. A. Smorodinskiy

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR,  
Vol CIV, pp 843-5, 1955.

31A 61-17502  
AEC, UCRL-Trans-259  
Morris D. Friedman / -115

USR  
Sci - Nuclear Physics  
Mar 56 CMS/DRX

31,690

(Part II)

Creep and Long-Term Strength of Frozen Soils, by  
S. S. Vialov //pp,

-choice no

RUSSIAN, /per, Dok Akad Nauk, Vol CIV, No 6, 1955,  
pp 850-853.

NLI M. 2.0  
Def Sci Info Sv  
DRB, Canada, T203R  
#

Scientific - Geophysics

36, 619

Jul  
50

ATL 2010  
a/c 63-26572

The Reaction of Organic Sulfur Compounds With a  
Reduced Iron Contact Catalyst, by A. N. Bashkirov,  
N. L. Barabanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV,  
No 6, 1955, pp 854-856.

Assoc Tech Sv  
RJ-355

Sci - Chemistry

Aug 1956

37008

\$3.80

Chemisorption and Oxidation of Sulphur Dioxide  
on Solid Catalysts at Room Temperature, by  
O. K. Lavtyan et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,  
Vol CIV, No 6, 1955, pp 857-860.

AT&T RJ-518

Co-Op Trans Sch Tr 238  
Sl. (4s.Od.)

42,697

Sci - Chemistry

RUSSIAN  
to FRENCH  
OTB TT-62-28183

Tautomerism of Acid Esters of Alkyl Thiophosphinic Acids, by M. I. Kabachnik, Etal.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol CIV,  
No 6, 1955, pp 861-864.

T.I.L./T.4628

Sci - Chemistry

34-462

May 1956

Diphenylboronium Salts ( $\text{Ph}_2\text{BrPh}_2\text{B}$ ), by A. N. Noskovyanov,  
T. P. Polstaya, L. S. Isayeva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 6, 1955,  
pp 872-875.

LC or SIA 59-10028

Sci - Chemistry  
Feb 59

1.80

81, 534

Mechanism of Oxygen Transfer Through Thin  
Layers of Electrolytes, by I. L. Rozenfeld,  
et al.

RUSSIAN, three-line par., Dok Akad Nauk SSSR,  
Vol 69, No 6, 1955, pp 876-879.

Scanned by  
Soviet Space Scheme Tr 200  
M. K. R.

Sci - Physics, Chemistry

Jul 1956

36, 365

A7S-37461

The Formation of Free Radicals in Photochemical Reduction Reaction of Chlorophyll and Its Analogues,  
by A. A. Krasnovsky, A. M. Usrichina, 5 pp.  
UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
6, 1955. CIA 9015996

No 6 882-883  
pp. DSIC, Def Res Board  
Ottawa, Tr 32

Sci - Chem

58,475

Feb 58

Measurement of the Dynamic Modulus of  
Rubber at Very Small Amplitudes of Deforma-  
tion With an Optical Modulational  
Interferential Method, by N. M. Borovit-  
skaya.

RUSSIAN, per, Dok Ak Nauk SSSR,  
Vol CIV, No 5, 1956, pp 923-925.

CSIRO

201,101

Sci - Pays  
Jun 62

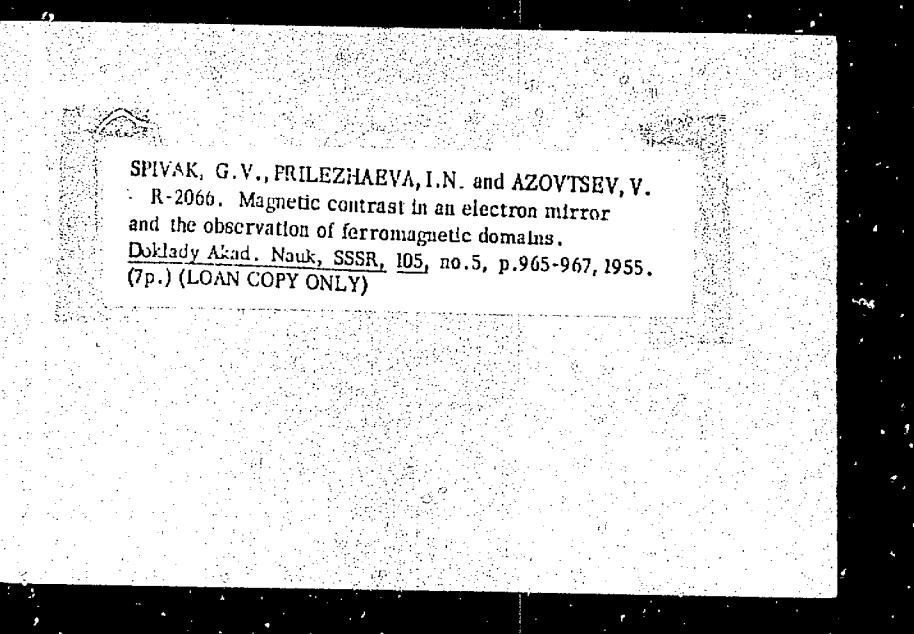
Utilization of Seed Phosphorus Reserves  
for Germination, by Zuev, Golubeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,  
1955, pp 929-931.

CSIRO

Sci. & Biol.  
Apr 62

190, 903



SPIVAK, G.V., PRILEZHAEVA, I.N. and AZOVTSEV, V.  
R-2066. Magnetic contrast in an electron mirror  
and the observation of ferromagnetic domains.  
Doklady Akad. Nauk, SSSR, 105, no.5, p.965-967, 1955.  
(7p.) (LOAN COPY ONLY)

Tables of Contents.

RUSSIAN, no per, Doklady Akademii Nauk SSSR, Vol CV,  
No 1-6.

Amer Inst of Physics  
Soviet Physics, Vol II, No 3

Feb 57 CIS

43 801  
CIA/FDD/X-2054

Partial Tables of Contents

Dok Ak Nauk SSR, Vol 105, No 1-6, 1955

Morris D. Friedman

X-2326

On Certain Direct Methods in the Nonlinear Theory of  
Shallow Shells, by I. I. Vorovich, 5 pp.

RUSSIAN, three-page per, Dok Ak Nauk SSSR, Vol CV, No 3,  
1955, pp 42-45.

Morris D. Friedman V-116

34,719

Scientific - Physics

May 56 crs/dex

The Effect of Small Impurities on the Galvano-magnetic Properties of Bismuth, by N. Alekseyevski, N. Brandt, T. Kostina, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, No 1, 1955, pp 46-49.

SLA Tr R-979

Sci - Physics  
Electricity  
Oct 57

54,493

The Efficiency of  $\gamma$ - and Photoluminescence of Haf-II<sub>2</sub>  
As a Function of the Concentration of Thallium, by  
L. M. Belyayev, M. D. Golaniin, Z. L. Morgonchtern,  
Z. A. Chizhikova.

RUSSIAN, thrice-mo per, Sok Ak Nauk SSSR, Vol CV,  
No 1, p 57.-60

SLA 61-17501  
Consultants Bureau

Scientific - Physics

\$3.50 CCT

AUG 1956

37,282 12768

Excited States of Nucleons, by I. I. Gurevich,  
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV,  
1955, pp 69-72.

AEC Tr 2382

Scientific - Physics  
Chemistry Mar 56 CIS/DEX

31,973

Phase Analysis of Proton-Proton Scattering,  
by A. Zimin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV,  
1955, pp 73-76.

AEC Tr 2383

31974

Scientific - Physics

Mar 56 CTS/DEX

Change of Electric Conductivity in Abrupt Deformations  
of Metallic Single Crystals, by V. N. Rokhovskiy, Yu. V.  
Goryunov, and O. D. Shchukin,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV, No 1  
P p 80. - 92

SLA L1-19429  
Consultants Bureau

Scientific - Physics

#8 \$3.50

Aug 1956

37,283

CCT 12713

XXXXXXXXXXXXXX

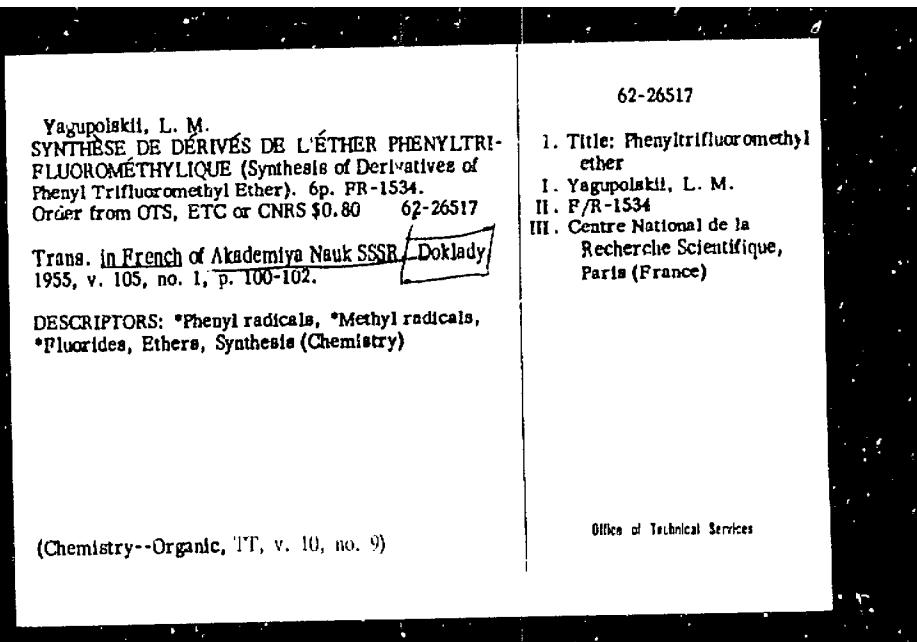
The Structure of the Earth's Core in the North Tien-Shan Region According to the Results of Plutonic Seismic Exploring, by G. A. Ganburtsev, P. S. Veitsman, Yu. V. Tulina, 7 pp.,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV, No 1, 1955, pp 83-86.

Morris D. Friedman 6-10  
\$3.50

41, 448

Geo  
Sci - Physics  
Dec 56 CTS



Isotope Effect in the Mutual Solubility of Liquid Deutero-Compounds, by I. B. Rabinovich, et al., 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, CV, No 1, 1955,  
pp 108-111.

NRCC- TT-875

Sci - Physics  
Jan 61

RUSSIAN to FRENCH  
OTS TT-62-28741

136,401

Electrical Conductivity of Concentrated Aqueous  
Solutions of LiCl, NaCl and KCl at High Temperature,  
by I. M. Rodnyenskiy, N. S. Galinker.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 0V, 1955,  
pp 115-118.

INSDOC-T1572

ATC RU-858

Sci -  
Aug 58

68,883

Zero-Charge (Isoelectric Point) Potentials  
of Copper and Chromium, by E. A. Uhshe, A. I.  
Levin, 9 pp.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR,  
CV, No 1, 1955, pp 119-122.

CIA/FID X-2212

Scanned 9/15/96/10/96

40,797

NLL 01/19/97

Specific Catalytic Activity of Period Metals  
in the Ammonia Synthesis Reaction, by O. P.  
Shcheglov, G. K. Boreskov, M. G. Slin'ko,  
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV,  
No 1, 1955, pp 123-125.

Sci  
Vol IV, No 7  
Aug 62

ADS-CINCH  
ATG/RJ-2527  
193,849

New Data on the Isotopic Composition of Lead  
Samples, by A. P. Vinogradov, S. I. Zuiakov, 5 pp.  
*700*

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV,  
No 1, 1955, pg 126-128.

AT&T RJ-740  
A.E.R.E. Harwell Lib Tr 757  
Sci Mus Lib No 56/4.112

Sci - Physics

45,441