Reactivity and Geometrical Structure of a Complex of Iron with a Molecule of Nitrogen (FeN₂), by K. B. Yatsimirskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4, June 1969, pp 885-887.
CB

Determination of the Minimum Strength of Heat-Resistant Concretes on Heating to Elevated Temperatures, by L. K. Doronin RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 186, No 4, Jun 1969, pp 888-890.

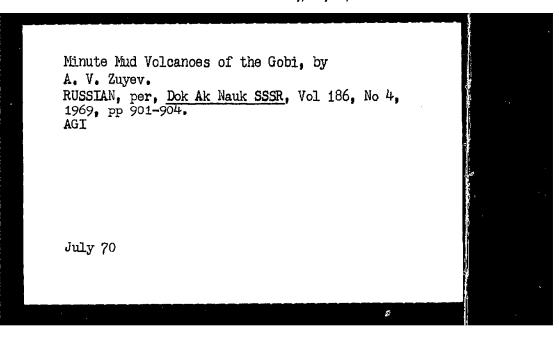
Nov 70

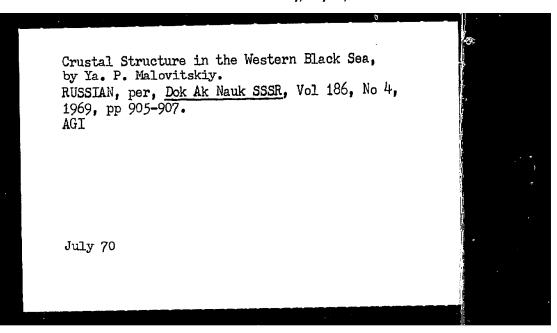
Physicochemical Characteristics of the NH₃-CO₂-CO(NH₂)₂-H₂O Liquid-Gas Equilibrium System Over the Range of Parameters for the Synthesis of Urea, by V. I. Kucheryavyi RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 186, No 4, May 1969, pp 891-893.

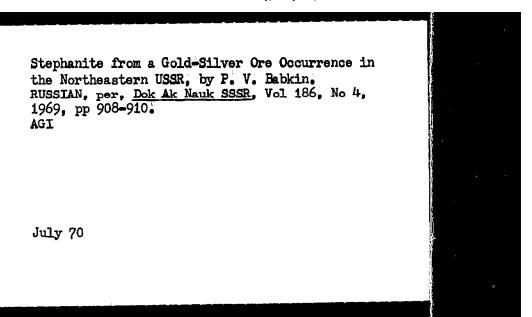
CB

Polymerization of Butadiene Under the Action of Crotyl-C¹⁴-Palladium Chloride, by G. M. Khvostik RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 186, No 4, Apr 1969, pp 894-896.

Nov 70







A New Mercury-Bearing Species of Sphalerite, by V. I. Vasil'yev. RUSSIAN, per, <u>Dok Ak Nauk SSSR</u>, Vol 186, No 4, 1969, pp 911-913. AGI

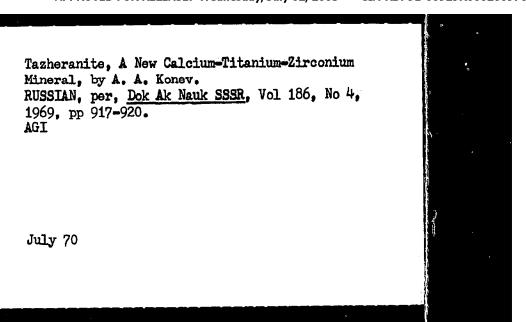
July 70

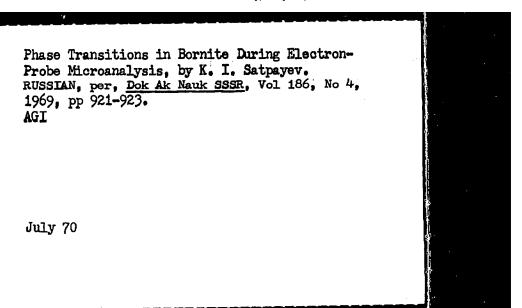
An Ordered Trioctahedral Mixed-Layer Form with Chlorite and Vermiculite Packets, by B. P. Gradusov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4, 1969, pp 914-916.

AGI

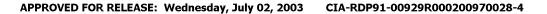
July 70





Titanium Content of Amphibole and Biotite from Granitoids as an Indicator of the Conditions Under which they Formed, by I. N. Bushlyakov. RUSSIAN, per. Dok Ak Nauk SSSR, Vol 186, No 4, 1969, pp 924-927. AGI

July 70

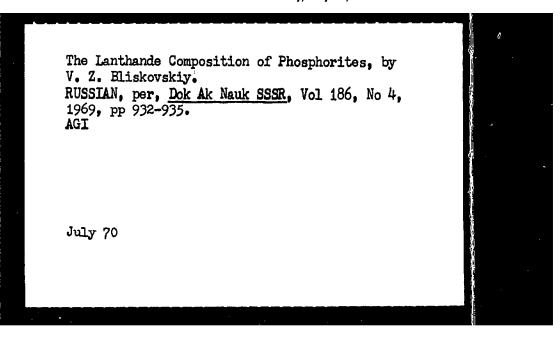


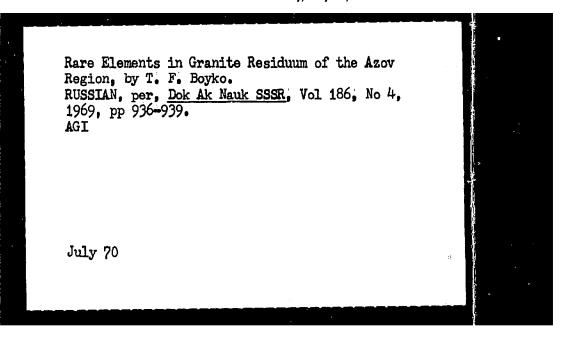
The Distribution of Iron, Manganese, Copper and Minor Elements in Devonian Carbonate Rocks of the Muruntau, Central Kyzyl Kum, by Ye. L. Abramovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4, 1969, pp 928-931.

AGI

July70



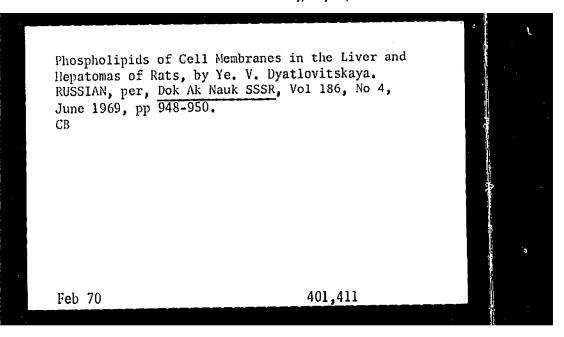


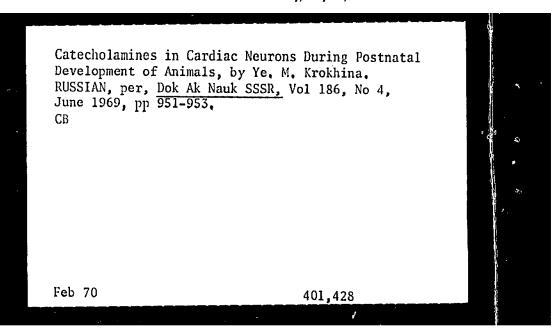
Variation in Chemical and Mineral Composition of Concretions in the Lower and Middle Carboniferous of the Donbas, by P. V. Zaritskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4, 1969, pp 940-943.
AGI

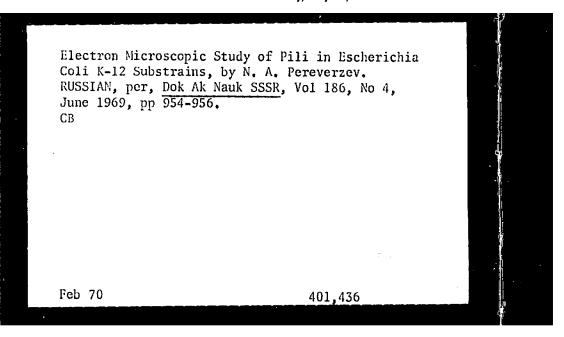
Histochemical Investigation of Relative Enzyme
Activity and Incorporation of Labeled Precursors
into Neutonal RNA and Proteins of the Albino Rat
Brain, by L. I. Gol'dgefter.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 945-947.
CB

Feb 70

401,410







Interaction of Chlorophyll with Phycoerythrin and Phycoyanin, by A. A. Krasnovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,
June 1969, pp 957-960.

CB

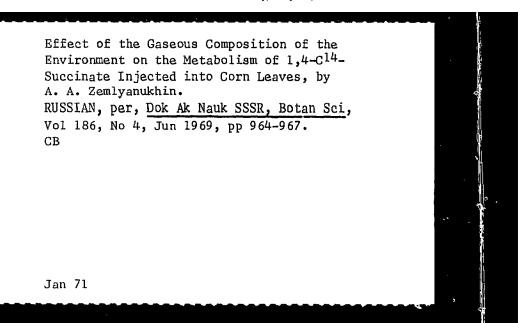
Feb 70

401,235

Spectral Features of the Action of Galactolipase on Native Forms of Chlorophyll a, by L. K. Ostrovskaya. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4, June 1969, pp 961-963.

Feb 70

401,236

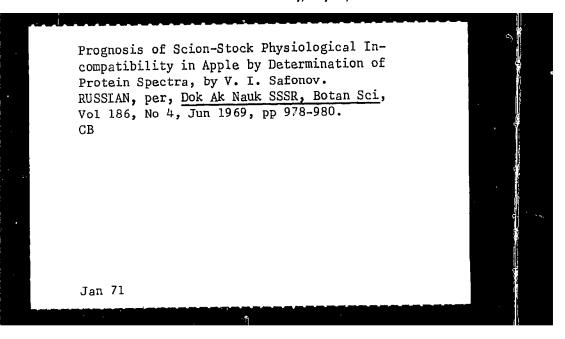


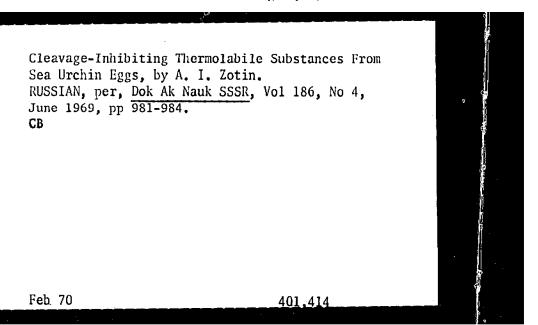
Thermal Stability of Photosynthesis and Respiration in Spring and Summer Leaves of Pulmonaria obscura Dumort, by
I. Ye. Kamentseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci, Vol 186, No 4, Jun 1969, pp 968-970.
CB

Jan 71

Relationship Between Metabolism and Heterogeneity of Carotenoids and Chlorophyll, by A. P. Losev. RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci, Vol 186, No 4, Jun 1969, pp 971-974.
CB

Fixation of Atmospheric Nitrogen by Fractions
Obtained from Lupine Root Nodules, by
A. V. Manorik.
RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci,
Vol 186, No 4, Jun 1969, pp 975-977.
CB





Generalized Steenrod Homology Groups, by D. O. Baladze. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 991-993.

The Am Math Soc Vol 10, No 3, May-June 1969

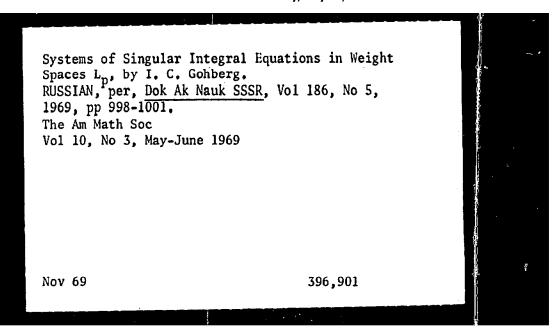
Nov 69

396,899

Some Topological Problems for Finite-Dimensional
Vector Fields Connected with the Theory of
Discontinuous Solutions of Systems of Quasilinear
Conservation Laws, by Ye. B. Byhovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
1969, pp 994-997.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,900



Boundary Value Problems for Systems of Second-Order Equations of Composite Type with One Multiple Family of Real Characteristics, by A. Dzurayev. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1002-1005.

The Am Math Soc
Vol 10, No 3, May-June 1969

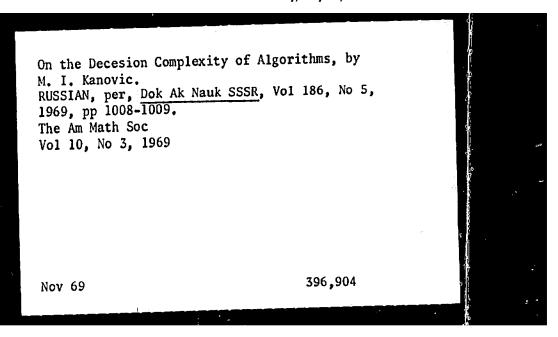
Nov 69

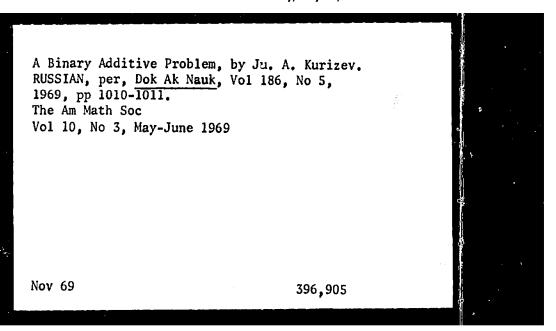
396,902

On Nondegenerate Hypoelliptic Pseudodifferential
Operators, by Ju. V. Yegorov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
1969, pp 1006-1007.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,903





On Proximity Open Mappings of Metric Spaces, by
V. Z. Poljakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
1969, pp 1012-1015.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,906

Star-Finite Coverings and Open and Closed Sets, by V. I. Ponomarev, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1016 -1019. The Am Math Soc Vol 10, No 3, May-June 1969

Nov 69

396,910

A Bicompactum Satisfying the First Axiom of Countability with Noncoinciding ind and dim Dimensions, by V. V. Filippov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1020-1022.

The Am Math Soc
Vol 10, No 3, May-June 1969

Multivalued Mappings and Spaces with a Countable Net, by M. M. Coban.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1023-1026.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,912

A Class of Nonlinear Differential Equations for which the Problems of Stability or Instability in the Large Can be Solved Effectively, by V. A. Jakubovic. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1027-1030.

The Am Math Soc Vol 10, No 3, May-June 1969

Nov 69

396,913

Reaction of the Ground on a Vibrating Rolling Wheel with an Elastic Tire, by V. S. Gozdek.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1031-1033.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,186

Torsion of an Elastic Layer by Two Plates, by Ya. S. Uflyand.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1034-1036.

The Am Inst of Phys Vol 14, No 6, Dec 1969

Jan 70

401,212

The Condition for Complete Regeneration in an Optron with a Photoresistor, by Ye, I. Adirovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1037-1040.,
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,191

Experimental Investigation of Nonequilibrium Processes Behind a Shock Wave in Air and Nitrogen by the Shadow Method, by L. A. Vasil'ev, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1041-1044.
The Am Inst of Phys Vol 14, No 6, Dec 1969

Jan 70

401,192

Change of the Electrical Resistance of Rb, Cs, and Ca Under Pressure, by L. F. Vereshchagin, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1045-1047.

The Am Inst of Phys Vol 14, No 6, Dec 1969

Jan 70

401,193

Sudden Increase in Absorption of Laser Radiation and Associated Gasdynamic Effects, by G. G. Vilenskaya. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1048-1051.

The Am Inst of Phys Vol 14, No 6, 1969

Dept of Navy April Hu T-2443

Jan 70

401,194

Forced Scattering by Surface Waves, by V. K. Gavrikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1052-1054.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,195

Consideration of the Piezoelectric Effect in the Theory of Elastic Waves for Crystals of Different Symmetries, by V. N. Lyubimov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1055-1058. The Am Inst of Phys Vol 14, No 6, Dec 1969

401,196

Jan 70

Thermodynamics of Partially Ionized Hydrogen, by Ye. V. Samuilov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1059-1062.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,197

Resonance Transfer of Excitation in Collision of Heavy Atoms, by M. I. Chibisov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1063-1066.
The Am Ist of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,198

Cathode and Anode Flares During an Impulsive Vacuum
Discharge in the Nanosecond Range, by S. P. Bugayev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1067-1069.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

Jan 70

401,208

Long-Term Measurements of the Variability of Physical Fields Over Oceanic Polygons as a New Stage in the Study of the Ocean, by V. B. Shtokman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1070-1073.

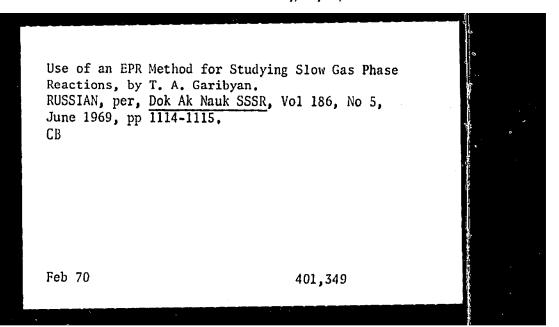
AGI

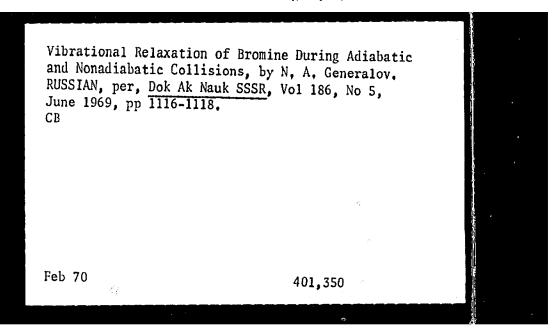
July 70

Threshold Reactions for the Formation of Ion-Dipole Pairs as a Method of Obtaining Monenergetic Polarized Beams, by A. I. Baz'.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1110-1113.
CB

Feb 70

401,348

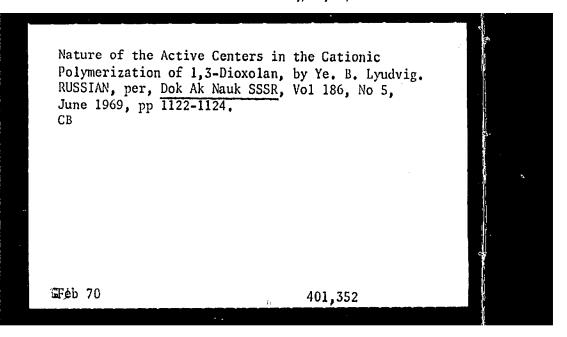


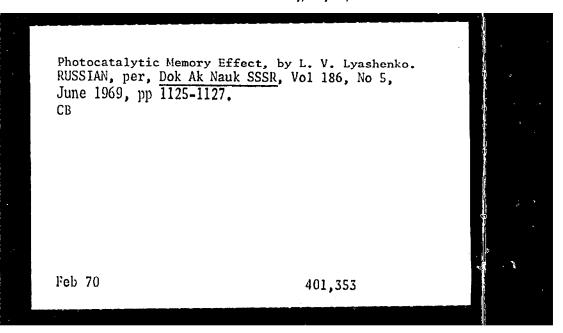


Reaction for the Aquation of Chromium (111)
Tetraaquodichloride in Aqueous-Alcohol Solutions, by
O. A. Lobaneva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1119-1121.
CB

Feb 70

401,351





N¹⁴ Nuclear Quadrupole Resonance in Some Amines, by D. Ya. Osokin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1128-1131.
CB

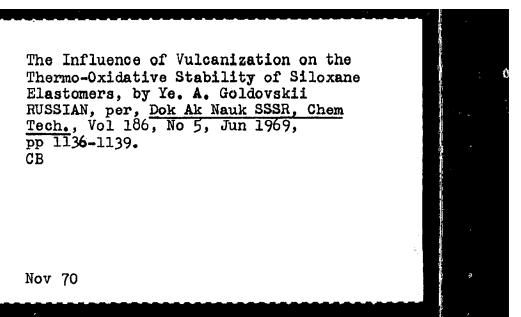
Feb 70

401,354

Mechanism of the Chemiluminescence in the Liquid-Phase Oxidation of Organic Substances with Ozone, by V. Ya. Shlyapintokh.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1132-1135.
CB

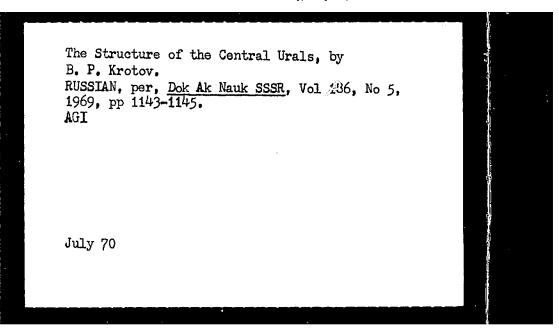
Feb 70

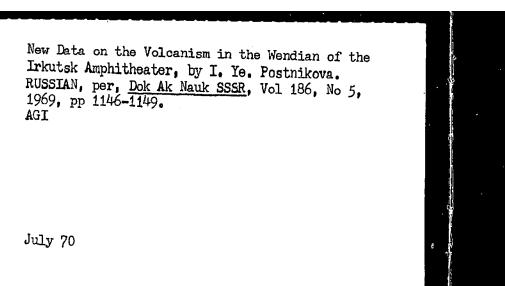
401,355



Experimental Determination of Quasicutectic Region in Al-CuAl₂ Alloys, by I. S. Miroshnichenko RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 186, No 5, Jun 1969, pp 1140-1142.

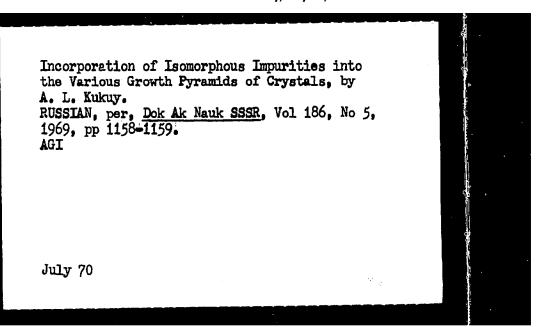
Nov 70





Dislocations Associated with the Gypsum-Anhydrite
Formation in the West Verkhoyansk Region, by
I. M. Sborshchikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
1969, pp 1150-1153.
AGI

Black Organic Matter-Bearing Opal From Volyn
Pegmatite, by G. M. Gigashvili.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
1969, pp 1154-1157.
AGI

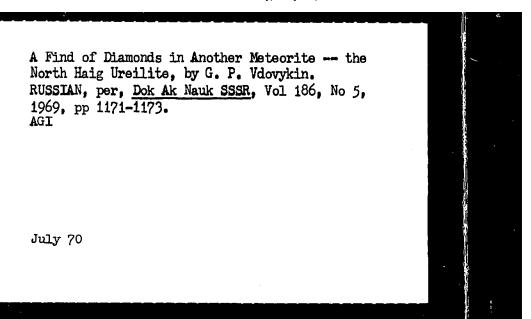


The Thermal Stability of Pentlandite, by A. P. Likhachev, RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1160-1162.

July 70

Amphibolization of Melanocratic Vain Rocks at the Kochkar Deposit, Southern Urals, by A. L. Grabezhev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1163-1166.
AGI

Mass Transfer Between Differentiated Trap
Intrusions and their Host Rocks, by
A. I. Arkhipova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
1969, pp 1167-1170.
AGI



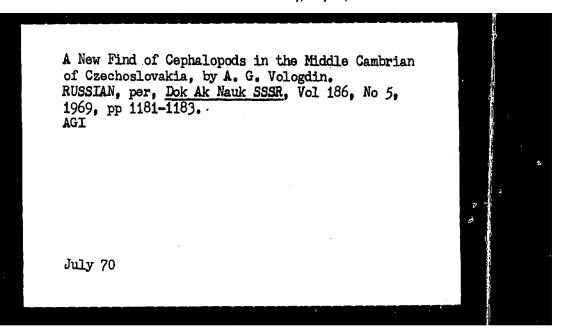
Absolute Age of Geologic Formations of the Il'Men Mountains, Central Urals, by V. A. Dunayev.

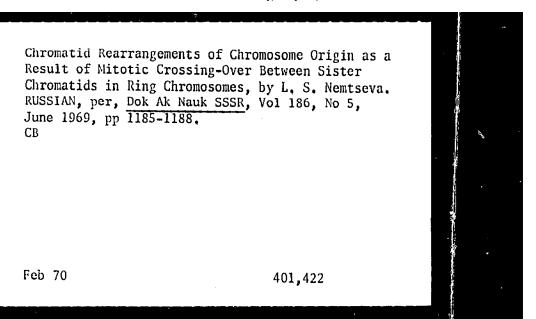
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1174-1177.

AGI

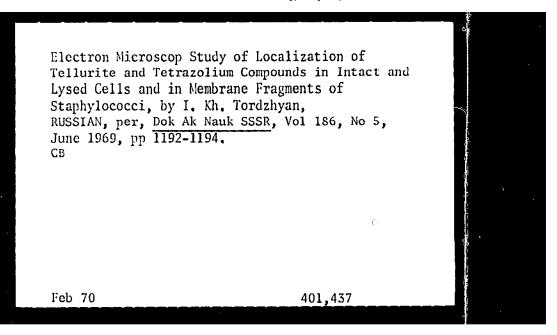
July 70

Reactions in Systems Albite Glass-Sodium Fluoride and Albite Glass-Calcium Fluoride, by V. K. Karzhavin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, 1969, pp 1178-1180.
AGI





Heterotopy of Cyclops Vicinus Uljan. (Copepoda, Cyclopoida) in the Otkaznensk Reservoir (Northern Caucasus), by A. G. Kazymov.
RUSSIAN per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1189-1191.
CB



Structure of the Blood Group Substances.

Degradation of the Blood Group Substance (A+H)

Under the Action of an Enzyme Preparation From Clostridium Perfringens, by N. K. Kochetkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,

June 1969, pp 1195-1197.

CB

Mar 70

403 951

Activity of Certain Enzymes in Lupin Nodule Fractions, by V. L. Kretovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1198-1201.
CB

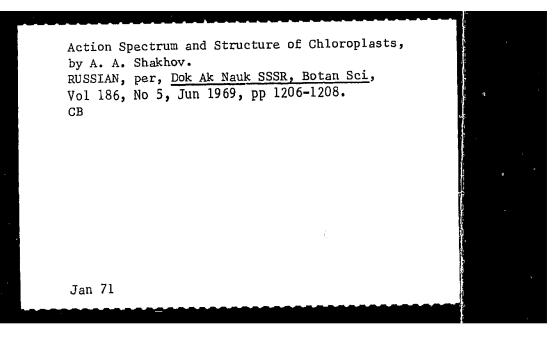
War 70

403,952

Postribosomal RNA-Containing Particles of the Cytoplasm of Animal Cells According to the Data of Analysis in a CzCl Density Gradient, by L. P. Occhinnikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1202-1205.
CB

Mar 70

403,953



Stimulation by Kinetin of the Accumulation of Protochlorophyllide in Normal Green Leaves in the Dark, by A. A. Shlyk.
RUSSIAN, per, Dok Ak Nauk SSSR, Botan Sci, Vol 186, No 5, Jun 1969, pp 1209-1212.
CB

Jan 71

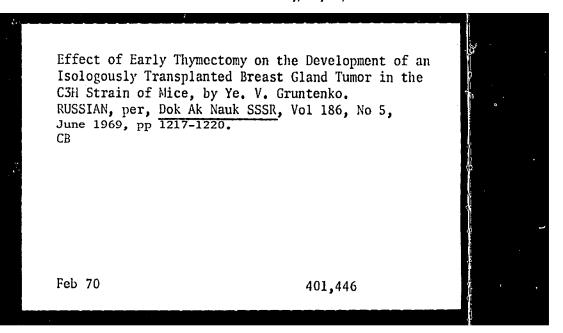
Changes in the Excitability of Individual Neurons After Electrical Stimulation of the Cortical Surface, by L. L. Voronin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1213-1216.

CB

Feb 70

401,445



Fluctuations in the Resting Potential of Nematode Smooth-Muscle Cells, by Ya. Kh. Turakulov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1221-1223.
CB

Feb 70

401,847

Neurovascular Contacts of the Median Eminence of the Neurohypophysis, by A. A. Voytkevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5,
June 1969, pp 1224-1227.
CB

Role of Aldosterone and Hydrocortisone in the Regulation of Sodium Metabolosm in the Body, by M. G. Kolpakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 5, June 1969, pp 1228-1231.
CB

An Example of a Densifying Operator in the Theory of Differential Equations with a Deviating Arguments of Neutral Type, by A. L. Badoev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6, 1969, pp 1239-1242.
The Am Math Soc Vol 10, No 3, May-June 1969

Nov 69

396,914

On the Number of Entries of Trajectories of a Markov Process into a Given Set of the Phase Space, by Ju. K. Beljayev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6, 1969, pp 1243-1245.
The Am Math Soc Vol 10, No 3, May-June 1969

Nov 69

396,915

On the Theory of Linear Passive Systems, by
V. S. Vladimirov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6,
1969, pp 1246-1249.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,916

On the Problem of the Spectrum of Selfadjoint Extensions of a Symmetric Semibounded Operator, by M. M. Gehtman.

RUSSIAN, per, Dokak Nauk SSSR, Vol 186, No 6, 1969, pp 1250-1252.

The Am Math Soc
Vol 10, No 3, May-June 1969

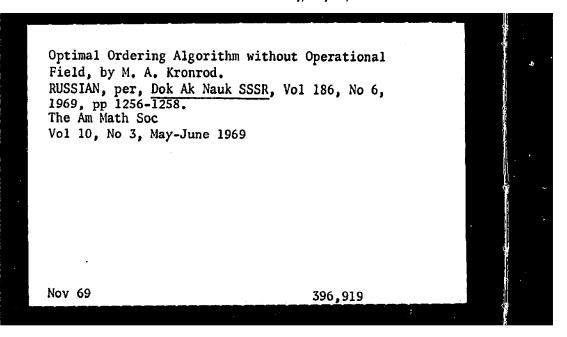
Nov 69

396,917

Boundedness of a Certain Class of Singular Integral Operators, by I. A. Kiprijanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6, 1969, pp 1253-1255.
The Am Math Soc
Vol 10, No 3, May-June 1969

Nov 69

396,918



Certain Properties of Concave Functions of a Selfadjoint Operator, by Ye. I. Pustyl'nik.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6, 1969, pp 1259-1261.
The Am Math Soc
Vol 10, No 3, May-June 1969

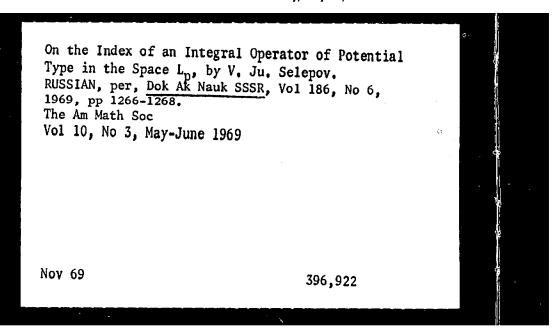
Nov 69

396,920

The Group of Projective Transormations of a Complete Analytic Riemannian Space, by A. S. Solodovnikov. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6, 1969, pp 1262-1265.
The Am Math Soc Vol 10, No 3, May-June 1969

Nov 69

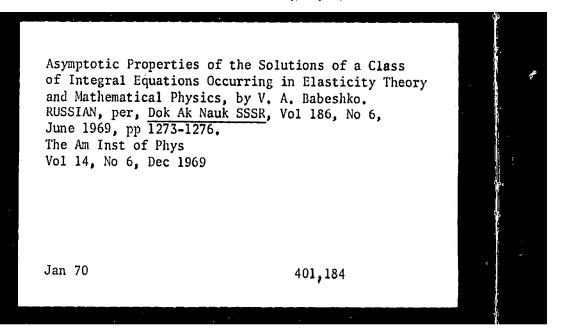
396,921



The Embedding of Compacta in Euclidean Space, by M. Stan'ko.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6, 1969, pp 1269-1272.
The Am Math Soc Vol 10, No 3, 1969

Nov 69

396,923



Some Nonlinear Problems in the Theory of Antenna Synthesis, by A. G. Ramm.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 6,
June 1969, pp 1277-1280.
The Am Inst of Phys
Vol 14, No 6, Dec 1969

*Dept and Navy APLY JAU 12369

Jan 70

401,185

