

Anionic Polymerisation in the Presence of Alkali Metals
and Their Compounds, by A. R. Gantmakher, Yu. L.
Spirin, 10 pp.

RUSSIAN, par, Uspekhi Khim, No 5, 1960, pp 629-647.

Cleaver-Hume Press

Sci

Apr 61

145,188

Spirin, Yu. L., Polyakov, D. K. and others.
THE ETHYL LITHIUM INITIATED POLYMERIZATION AND COPOLYMERIZATION OF ISOPRENE.
[1960] 12p. 11 refs.
Order from LC or SLA mi\$2.40, ph\$3.30 61-10731

Trans. of Vysokomolekularnyye Soyedineniya (USSR)
1960, v. 2 [no. 7] p. 1082-1092.

(Chemistry--Organic, TT, v. 5, no. 9)

1. Isoprene--Polymerization
2. Copolymerization
3. Lithium compounds (Organic)--
Catalytic properties

- I. Spirin, Yu. L.
- II. Polyakov, D. K.

Office of Technical Services

61-12617

Spirin, Yu. L., Gantmakher, A. R., and Medvedev, S. S.
THE MECHANISM OF POLYMERIZATION IN THE PRESENCE OF ORGANIC ALKALINE METAL COMPOUNDS (O Mekhanizme Polimerizatsii Prisutstvií Organicheskikh Soyedinenii Sshchelochnykh Metallov)
tr. by G. Belkov. 1960, 15p. 15 refs. Technical trans. 911.

Order from NRCC \$1.00 NRCC C-3481

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR) 1959, v. 1, no. 8, p. 1258-2164.
Another translation is available from ATS \$12.95 as
ATS-60M41R [1960] 8p.

1. Polymerization--Stimulation
2. Organic compounds--Catalytic properties
3. Alkali metals--Catalytic properties
 - I. Spirin, Yu. L.
 - II. Gantmakher, A. R.
 - III. Medvedev, S. S.
 - IV. NRCC TT-911
 - V. NRCC C-3481
 - VI. National Research Council of Canada

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 8)

(FDD 25732)

Importance of the Induction Mechanism in the Restora-
tion of Conditioned Motor Reactions in Man, by V. G.
~~XXXXXXXXXXXX~~ Spirin, V. L. Fantalova, 29 pp.

RUSSIAN, bino per, Zhur Vyshey Nerv Deyatel' imeni
I. P. Pavlova, Vol IV, No 3, Moscow, May/Jun 1954,
pp 364-380.

CIA/FDD U 8904

39,585

USSR

Sci - Medicine, neurophysiology

Oct 56

Synthesis and Polycondensation of
p-Aminoethylphenylalkanoic Acids,
by M. N. Bogdanov, G. I. Kudryavtsev,
I. A. Spirina, 5 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No 1, 1960,
pp 263-266.

02

Sci

Feb 61

144,134

PERSISTENCE FORECASTS OF MONTHLY AIR TEMPERATURE
ANOMALIES WITH EXAMPLES FOR ~~IN~~ LENINGRAD AND
ORENEURG, BY L. P. SPIRINA.

RUSSIAN, PER, TRUDY GLAVNOY GEOFIZ OBSERV, NO 89,
1959, PP 53-59.

NLL N. 3748

SCI - GEOPHYS

OCT 62

214,170

PRACTICES IN THE TRAINING OF PEDIATRIC PERSONNEL,
BY Y. P. SPIRINA, A. P. CHERDIKOVA, 11 PP.

RUSSIAN, PER, VOPROSY OBRATNYH MATERINSTVA I
DETECTA, VOL VII, NO 9, 1962, PP 67-71.

JPRS 19216

SCI - BIOL/MED SCI

MAY 63

231,001

Direct Production of Stabilized Cracking
Resins from Coal, Wood, Lignite and the
Like Materials, by Ludwig Spink, 6 pp.
CENCA, per, Chemical Listy,
Vol 35, 1948, pp 253-255.
SIA TT-64-18732

Ludwig Spink

338,785

Sol
Aug 67

82

Methodology for Research in Structures and
Systems, by A. G. Spirkin, S. V. Lyubimov, 8 pp.
RUSSIAN, per, Voprosy Fizmatn, Vol XVII,
No 1, 1964
JPRS 245262

Sci - Misc
May 64

239, 169

Mathematical Problems of Cybernetics, by
M. V. Mikheyev, A. G. Spiridin, 21 pp.
Moscow, par. Vopr. Prikl. Mat. No 9, 1964,
pp 111-131.
JPRS 20020

p 98

Math. Methods in Data Processing
Class 65

276,250

BEHIND THE SCREEN OF OVERSTATED PRICES, BY
V. SPINKIN, 5 PP.

RUSSIAN, NP, IZVIA GAZETA, NO 25, 16 JUNE 1963,
PP 37.

JPRS 20595

USSR
ECON
AUG 63

R38,598

Equipment Utilization in Machine-Building Plants, by
V. Spirkin, 6 pp.

RUSSIAN, per, *Mashinostroitel'*, No. 10, 1963, pp 52-53.

JPRS 22593

USSR
Econ
Jan 63

245, 431

STOP THE VIOLATION OF INDUSTRIAL STANDARDS,
BY K. NIKOLIN, V. SPIRIN, 7 PP.

RUSSIAN, PR, EKONOMICHESKAYA GAZETA,
NO 45, 27 OCT 1962, P 12.

JPRS 17371

USSR
ECON
JAN 63

221, XBOGE

(NY-3000)

The Automated Krasnodar Chain Plant,
by V. Spirkin, 5 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 13 Nov 1961.

JPRS 13116

USSR
Econ

190,576

Mar 62

(REF ID: A66000)

Roads and Road Building Machinery, by
V. Spirkin, 10 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta,
28 Aug 1961, p 32.

JPRS 11296

USSR
Econ
Dec 61

176,904

<p>Spirkov, A. ANALYSE QUANTITATIVE DES PHASES DES ALLIAGES "KOVAR" AU MOYEN DES RAYONS X. (Quantitative Phase Analysis of Kovar Alloys by X-ray Diffraction Methods), 19p, 20refs. CNRS-XVII 515. Order from OTS, ETC or CNRS \$0.80 TT-62-28227</p> <p>Trans. in French of Hutnické Listy (Czechoslovakia) 1957, v.12, no.7, p.609-613.</p> <p>DESCRIPTORS: *Iron alloys, Nickel alloys, Cobalt alloys, *Phase studies, Quantitative analysis, *X-ray diffraction analysis,</p> <p>(Metallurgy--Ferrous Metals, TT, v.11, no. 6)</p>	<p>TT-62-28227</p> <ol style="list-style-type: none">I. Title: Kovar alloysI. Spirkov, A.II. CNRS-XVII 515III. Centre National de la Recherche Scientifique, Paris <p>Office of Technical Services European Translations Centre</p>
--	--

An X-Ray Study of Plastically Formed Kovar Alloys, by Alexander Spirkov, 8 pp.

CZECH, per, Hutnické Listy, Vol XIV, No 4, 1959, pp 316-319.

SLA 61-20198

Sci
Mar 62
Vol VII, No 3

188,087

(NY-6450)

BASIC TRENDS IN THE DEVELOPMENT OF THE
TEXTILE INDUSTRY IN BULGARIA, BY
PETKO SPIRKOV, VASIL VYTOV, 87 PP.

BULGARIAN, BK, OSNOVNI NASOKI V RAZVITIETO NA
TEKSTILNATA PROMISHLENOST V NARODNA REPUBLIKA
BULGARIYA, 1961, PP 176-193, 198-213, 215-251,
259-275.

JPRS 13709

EUR -BULGARIA
ECON

194,617

Reactions To Zionism, Assimilation, Immigration, and Soviet
Jewry, by Gideon Sapiro, 7 pp.
HEBREW, op. Kol Haam, 23 Nov 1963, p 2. (Table of Contents)

JPRS 23691

DIR-Israel
Sec
Feb 54

243, 174

Vapor Pressure Curves for Saturated Two-
Component Aqueous Solutions, by ~~E. Alkhamis~~ and
H. Spiro.

RUSSIAN, *psr*, Dok Ak Nauk SSSR, Vol XXVII, No
2, 1954, pp 259-272.

OSIRO-3144

SLA R-3737

Sci

Jul 58

68,277

62-18719

Spiro, N. S., Gramberg, I. S., and Vovk, T. L.
METHOD FOR A COMPARATIVE STUDY OF THE
CHEMICAL COMPOSITION OF TERRIGENOUS
SEDIMENTARY ROCKS. [1962] [196]p. 49 refs.
Order from OTS or SLA \$13.50 62-18719

I. Spiro, N. S.
II. Gramberg, I. S.
III. Vovk, T. L.

Trans. of Nauchno-Issledovatel'skii Institut Geologii
Arktiki. Trudy (USSR) 1956, v. 86, p. 9-112.

DESCRIPTORS: *Sedimentary rock, Rock (Geology),
Chemical analysis, *Geochemistry, Minerals, Petrology,
Marine geology.

In this work the main attention is devoted to the formulation of methods for the comparison of the conditions of the sediment-accumulation in various facies regions, and in some cases a historicogeological comparison is carried out. (Author)

(Earth Sciences--Geology, TT, v. 9, no. 8)

Office of Technical Services

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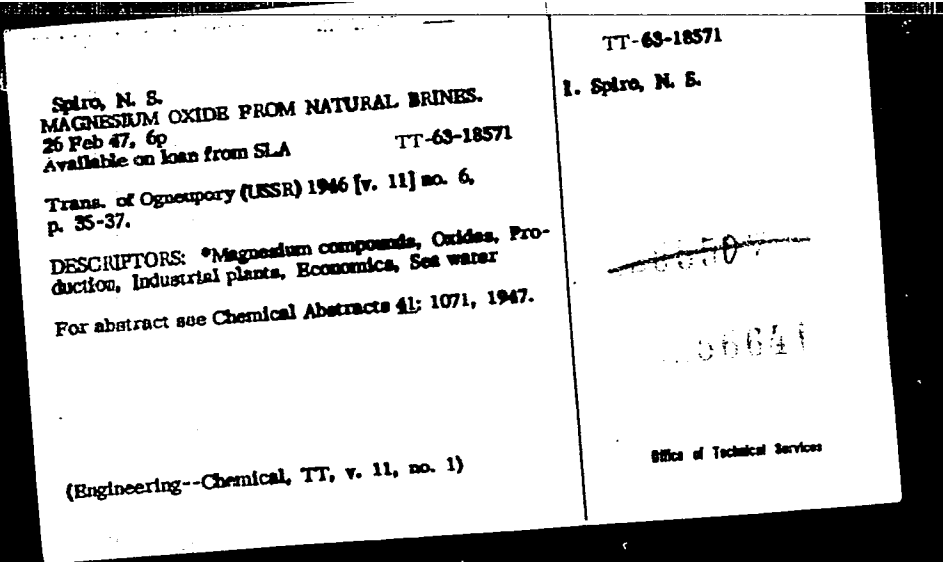
The Composition of Adsorbed Clay in Equilibrium
Solutions Resembling Sea Water, by N. S. Spiro.

RUSSIAN, rpt, from Geochemical Methods in the Study
of the Terrigenous Sediments, 1956, pp 113-133.

MEB

Sci

Feb 63



The Patterns of Solubility Change IV. The Solubility Equation for Isotherms in Multicomponent Systems, by E. L. Akhmedov, N. S. Spiro. 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, Jan 1951/

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,906

Determination of the Extent of Hydration of Highly Soluble Salts in Concentrated Solutions, by E. I. Altunov, N. S. Spiro, 5 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 1, 1957, pp 157-159.

ARC Tr-4051
PL-400

Sci - Chem
Feb 61
RST-78

138,302

Methods in the Study of the Comparative Chemistry of
the Clastics, by N. S. Spiro.

RUSSIAN, paper from Geochemical Methods in the
Study of the Terrigenous Sediments, 1956, pp 2-113

MEB

Sci

Feb 63

Solubility of Chlorides in Hydrochloric Acid, by
E. I. Akhmedov, N. S. Spiro, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 11,
1954, 1163-1169. CIA C 41474

Consultants Bureau

Scientific - Chemistry
Apr 56 CIS/dex

32,952

Activity and Activity Coefficient of Water in
Saturated Aqueous Solution of Sodium Chloride,
Potassium Chloride and Sodium Bromide, by
E. I. Alkharov, N. S. Spiro, 1 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3, 1959,
pp 692-694.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,569

THE PATTERNS OF SOLUBILITY CHANGE V. RAOULT'S LAW,
by E. I. Akhmedov, N. S. Spiro. 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, Jan 1951.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,907

Calculating Water Activity Coefficients in
Binary Solutions, by E. I. Akhmedov, H. S. Spiro,
4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII,
No 2, USSR, Feb 1955, pp 205-207. CIA D 151339

D 251170

Consultants Bureau

Scientific - Chemistry

CIB 69/Jun 55

24,623

Patterns of Change in Solubility. III. Energy Characteristics of Isotherms in Multicomponent Systems, by E. I. Akhmedov, H. S. Spiro, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XX, No 2, Feb 1950.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,905

Calculation of the Joint Solubility of Salts, by
N. S. Spiro, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 10,
1961, pp 2363-2369.

Cleaver-Hume Press

Sci
Sep 62

210,546

Laws of Solubility Variations. II. Energy Characteristics of Polythermal Eutonic Points in Multicomponent Systems, by E. I. Akhmedov, E. S. Spiro.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 1, 1949, pp 15-20.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,904

The Laws Goveerring Change in Solubility, by E. I. Akhumov and N. S. Spiro, 3 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5, May 1952, pp 737-739.

Consultants Bureau

Sci - Chem

Dec 53 CTS

7454

TT-64-14049

Spiro, Peter.
ELECTRO-FORMED HARD NICKEL MOLDS FOR
THE PROCESSING OF PLASTICS (Galvanoplastisch
hergestellte Hartnickel-Formen für die Kunststoff-
verarbeitung). Presented to the German Plastics Con-
vention, Dusseldorf, 20 Oct 59. [1964] [16p]
Order from SLA \$1.60 TT-64-14049

Trans. of Kunststoffe (West Germany) 1960, v. 50,
no. 3, p19-P22 (p. 191-194)

I. Spiro, P.
II. Title: German...

4283502

(Materials--Plastics, TT, v. 11, no. 12)

Office of Technical Services

<p>Spiro, Peter. ELECTRO-FORMED HARD NICKEL MOLDS FOR THE PROCESSING OF PLASTICS (Galvanoplastisch hergestellte Hartnickel-Formen für die Kunststoff- verarbeitung). Presented to the German Plastics Con- vention, Dusseldorf, 20 Oct 59. [1964] [16p] Order from SLA \$1.60 Trans. of Kunststoffe (West Germany) 1960, v. 50, no. 3, p19-P22 (p. 191-194)</p>	<p>TT-64-14049</p> <p>I. Spiro, P. II. Title: German...</p> <p>1283502</p> <p>Office of Technical Services</p>
---	--

Machine Tools with Programme Control,
by A. A. Spirodenov.
RUSSIAN, bk, Metallorazhushchie Stanki
s Programmya Upravleniya, 1964, 280 pp.
NLL N. 35135

93

A. A. Spirodenov

Sci-Engr
June 66

301,465

7

Relationship Between Inevitability and Chance in War,
by Avn N. Sbytov, K. Spirov, 5 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil, No 19,
Oct 1968, pp 90-92.
JPRS 24097

USSR
MI
Apr 64

254, 215

TT-64-12341-1 (p. T168-T174)

Spirov, M. S.
PRINCIPAL FEATURES OF THE EVOLUTION AND
HOMOLOGY OF THE LYMPH NODES OF THE
ABDOMINAL CAVITY IN MAN. Jan/Feb 64, 7p
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T168-T174)

Trans. of Arkhiv Anatomii, Gistologii i Embriologii
(USSR) 1963, v. 44, no. 3, p. 91ff.

DESCRIPTORS: *Evolution, *Lymphatic system,
Glands, Man, *Abdomen.

(Biological Sciences, TT, v. 11, no. 10)

I. Spirov, M. S.
II. Federation of American
Societies for Experimental Biology,
Washington, D. C.

280535

Office of Technical Services

SUPPLY OF ELECTRICITY FOR THE CITIES OF BULGARIA,
BY MIKE SPIROV, DINKO DIMITROV, 15 PP.

BULGARIAN, PER, TERZHANA, VOL II, NO 10, 1962,
PP 361-365.

JPRS # 19950

EEUR - BULGARIA
ECON .
JUN 63

235,196

Application of the Biogeochemical Method to Prospects
for Nickel on the Kola Peninsula, by Aleshovskiy, V. I.
A. A. Mal'kov, V. N. Spiner, 2 pp.

RUSSIAN, izv. Geokhim, No 3, 1959, pp 266-272.

Geochem Soc

Sci
Oct 61

172,537

An Amplifier for Strain Measurement with
Wire Resistance Gages, by K. V. Salanov,
V. V. Spirov, 3 pp.

RUSSIAN, per, Izmeritel Tekh, No 6, 1958,
pp 35-37.

Instru Soc of Amer

Sci

Apr 60

113, 151

Z. Spitalnik

Processing of Fluorine Wastes From
Superphosphate Manufacture, by
Z. Spitalnik.
CZECH, per, Chemicky Průmysl, Vol 13,
1963, pp 458-460.
NTC 72-10911-07A

May 72

UNFOLDING OF THE RIBOSOMAL PARTICLES INTO
RIBONUCLEOPROTEIN STRANDS AND A MODEL OF THE PACKING,
by Ipatin, A. S., et al.
RUSSIAN, per, Biokhimi, Vol. 28, No. 5, pp. 920-930,
1964.
HEW 2-9-65

USSR
Sci-B/M
Mar 65

275,772

Preparation and Properties of Artificial Complexes of
Desoxyribonucleic Acid and Serum Albumin, by V. S.
Tongur, B. S. Diskina, D. M. Spitkovsky, 8 pp.

RUSSIAN, per, Biokhim, Vol XXII, No 5, 1957, pp 879-
887.

Consultants Bureau

Sci - Med

Jul 58

166 833

Some Effects Caused by the Two Configurations of
DNA, by D. M. Spitkovkiy, P. I. Tseitlin, V. S.
Tongur, 11 pp.

RUSSIAN, per, Biofizika, Vol V, No 1, 1960, pp 3-15.

PP

Sci

Aug 68

10

124,541

~~xxxx~~ Relation Between Configurational Stability
of Deoxyribonucleic Acid and Its Molecular
Weight (Problems of Radiosensitive and Radio-
resistant forms of DNA), by V. S. Tongur,
D. M. Spitkovskiy, P. I. Tseitlin, 7 pp.

RUSSIAN, per, Biofiz, Vol VI, No 1, 1961.

PP

Sci

182,724

Jan 62

Relation Between Molecular Morphology of Macromolecules of Deoxyribonucleic Acid and Their Radiosensitivity (Problem of the Radiosensitive and Radioresistant Forms of DNA), by P. I. Tseitlin, D. M. Spitzkovskiy, N. P. Ryabchenko, 5 pp.

RUSSIAN, per, Biofiz, Vol V, No 4, 1960, pp 393-397.

PP

Sci

157,084

May 61

Determination of Certain Molecular Parameters of
Deoxyribonucleic Acid by the Method of Viscometry,
by D. M. Spitzkovskiy, 6 pp.

Russian, per
~~Full Translation of Soviet Periodical Biofiz~~, Vol
III, No 4, 1958., 402-411.

Pergamon Inst

Sci - Biol

Apr 59

86,043

The Action of Small Doses^N of Ionizing Radiation in Deoxyribose Nucleoproteins, by V. S. Tongur, N. P. Golubeva, L. S. Diskina, D. M. Spitkovskiy and G. V. Filippova, 6 pp.

RUSSIAN, no per, Biofiz, Vol II, No 4, 1957, pp 469-475.

Pergamon Inst

S41 - Biol

Jul 58

67,482

The Change in Certain Properties of Deoxy-
ribonucleoproteins as a Function of their
Protein Content, by B. S. Diakina, D. M.
Spitkovskiy, V. S. Tongur, 4 pp.

RUSSIAN, per, Biokhin, Vol XXIII, No 3, 1958,
pp 382-387.

Consultants Bureau

Sci - Chem. Biol

Mar 59

83,685

The Structures and Physico-Chemical Properties of
Deoxyribose Nucleoproteins, by D. M. Spitzkovskiy,
V. S. Tongur, and B. S. Diakina, 12 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958,
pp 129-143.

Pergamon Inst

Sci - Med
Feb 59

81,635

Study of Nucleoproteins: The Structural Relationship Between Nucleic Acid and Protein in a DNA-
JC -Chymotrypsin Complex and in Native Nucleo-
Proteins, by D. S. Diskina, D. M. Spitzkovskiy, 8 pp.

RUSSIAN, per, Biofiz, Vol XII, No 6, 1958, pp 633-640

Pergamon Press

Sci

108,126

Feb 60

Determination by a Viscosimetric Method of the
Molecular Weight of Deoxyribonucleoprotein and
of the Deoxyribonucleic Acid Contained In It, *by*
D. M. SPitkovskiy, P. I. Tseitlin, 3 pp.

RUSSIAN, per, Biofiz, Vol III, No 3, 1958,
pp 369-370.

Pergamon Inst

Sci.-Med

Mar 59

82,515

The Structures and Physico-Chemical Properties of
Deoxyribose Nucleoproteins, by D. M. Spitkovskiy,
V. S. Tongur, and B. S. Diskina, 12 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958,
pp 129-143.

Pergamon Inst

Sci - Med
Feb 59

81,635

Elastic Stretching of Polymers, by E. I. BURG,
D. M. Spitzkovskiy, N. N. Mel'teva, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
XXXXIV, No 2, 1952, pp 257-260.

CIA/FDD/X-1345

Scientific - Chemistry
CTS/DEX

14,395

Ionic displacement polarization in complex
ionic crystals, by A. E. Glayuberman & I. M.
Spitzkovskiy, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 3, 1958, pp 260-262.

Columbia Tech

Sci - Phys

May 59

87,404

The Theory of the Surface Tension of Metals, by I.
M. Spitkovskiy.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXIV, No 9,
1950, pp 1090 - 1093.

AEC Tr 1005

also DRB-77-227

Scientific - Chemistry

Nov 1951 CES

A11444

Tables and Graphs for Determining the Moments
of Intersection of the Boundaries of the Earth's
Shadow by Cosmic Objects, by I. P. Spitsberg.

RUSSIAN, bk.

*CB

Sci-Earth Sci & Astron
Jan 64

On the Transformation of β -Particle Energies
to Electrical Energy in Germanium Crystals
with p-n Junctions, by B.M. Vul, V.S. Vavilov,
L.S. Smirnov, G.N. Galkin, V.M. Patskevich,
A. V. Spitsyn, 6 pp.

A. V. Spitsyn.
RUSSIAN, per, Atomaya Energiya, Vol II,
No 6, 1957, pp. 533-537.

Consultants Bureau

Sci - Nuc Phys

Jan 58

65,057

The Effect of Fast Neutron Irradiation on the Recombination of Electrons and Holes in Germanium Crystals, by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov, M. V. Chukichev, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fis, Vol XXXII, No ~~11~~, Nov 1957, pp 702-705.

4

AmerInst of Phys
Sov Phys-JETP
Vol V, No 4

58,073

Sci - Physics
Jan 58

Influence of Fast-Neutron Irradiation of Recombination of Electrons and Holes in Germanium Crystals,
by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov,
M. V. Chukichev,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,
pp 450-458.

AEC NP Tr-448

Sci - Min/Met
27 Oct 60

130,784

Formation of Crystal Lattice Defects in Germanium
by Fast-Electron Bombardment, by V. S. Vavilov,
L. S. Smirnov, G. N. Galkin, A. V. Spitsyn, V. M.
Patskevich, 4 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1865-1869.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54, 406

Oct 57

Study of Isotope Exchange of Oxygen Between
Heavy-Oxygen Water and Certain Niobates and
Tantalates, by I. Spitsyn, A. V. Lapitskiy,
R. I. Aistova, D. Nishanov, V. A. Pchelkin,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 1, 1958, pp 107-109.

Consultants Bureau

Sci - Chem

Jun 59

88,820

The Effects of High-Energy Electrons on
Platinum Complexes, by I. Spitsyn, G. N.
Pirogova, A. K. Pikayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 406-408.

ATS - 31743R
CB

Sci

Apr 61

149,129

CERTAIN NEW PROBLEMS OF RADIOCHEMISTRY, BY
ZIMMERMAN, I. SPITSIN, 7 PP.

RUSSIAN, PER, VESTNIK AK NAUK SSSR, NO 1, 1963,
PP 11-15.

JPRS 10188

SCI-CHEM
APR 63

226,691

Chemical and Electrochemical Properties of Technetium in Aqueous Solutions, by I. Spitsyn.
RUSSIAN, rpt. Proceedings of the Third International Conference on the Peaceful Uses of Atomic Energy,
31 Aug-9 Sept 1964, Vol 10,
CIA X-6712

I. Spitsyn

Aug 68

364,624

(DC-5487)

Successes of Soviet Electric Spindle Making, by
N. A. Spitsyn, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved. Mash,
No 11, 1960, pp 130-134.

JPRS 8333

Sci - Electricity

155, 457

Jun 61

Natural Tularaemia Foci of the Ravine-Steppe
Tape, by V. P. Borodin, N. A. Spigitsyn, A. P. Samsonova,
A. P. Koroleva, V. P. Chumikhin, 7 p.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i
Immunobiol, Vol XXX, No 3, 1959, pp 35-40.

Pergamon Press

Sci.

Apr 60

112,382

Researches in the Field of Rolling
Contact Bearings, by N. A. Spitsyn. UNCL

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 3,
pp 3-8.

DSIR LLH RTS 1301

(15s. Od.)

Sci - Engr
Feb 60

107,250

Obtaining Anti-Anthrax Serum From Horses and
Rams by the Method of Hyperimmunisation with
the Anthrax Vaccinal Strains "STI" by ~~the~~
~~Method~~ Spitsyn, N. A. UNCLASSIFIED

RUSSIAN, per, Veterinariya, Vol XXI, No 1,
Jan 1944, pp 22-24.

20,263 UEDA

Scientific - Medicine, Biology Dec 54 CTS

Study of Isotope Exchange ~~REX~~ Between Gaseous
Oxygen and Alkali Metal Sulfates at High Tempera-
ture, *b*, Associate Member of the Academy of Sciences,
USSR Vint. I. Spitsyn and V. G. Finkov, 4 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 491-

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,180

Tungstates of Zirconium and ~~HAFFM~~ Hafnium, by Vikt.
I. Spitsya, L. N. Komissarova, Z. A. Vladimirova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 1,
== 120-124.

Consultants Bur

Sci
Aug 60

1056, 381

Effect of Radioactive Radiation of ^{35}S
and ^{90}Sr on Specific Surface Value of
Molybdenum Disulfide, by V. I. Spitsyn,
I. Ye. Zimkov, 5 pp.
RUSSIAN, per, Radiokhimiya, Vol VI, No 1,
1964, pp 150-152. 9697843
FTD-TT-65-26

Sci - Phys
Aug 65

267,557

48

P1m0aaqqqqq
Investigations in the Field of Uranium
Chemistry, by V. I. Spitsyn, E. A.
Ippolitova, L. M. Kovba.
RUSSIAN, bk. Issledovaniya v Oblasti
Khimii Urana, 1961, pp 4-349 9229240-V
ANL-11-33

V. I. Spitsyn

Sci-Chem
Oct 65

290,031

On the Influence of the Radioactive
Radiation of a Solid Body on Its Catalytic
Properties by, A.A. Balandin, Vikt. I.
Spitsyn, N.P. Dobrosel'skaya, 5pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 565-570.

CB

Sci.
April 62

200,666

The Effect of the Radioactivity of Molybdenum
Trioxide on the Velocity of Its Evaporation, by
V. I. Spitsyn, I. E. Zinakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 3,
1961, pp 654-657.

CB

Sci

190,319

Apr 62

Preparation and Some Properties of Metallic
Scandium, by Vint. I. Spitsyna, L. N. Komissarova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXDLIX,
No 4, 1961, pp 903-906.

CB

Sci

Jun 62

200,798

Electron-Microscope Study of the Effect of Radioactive Radiation of Solids on Their Surface Structure, by Vikt. I. Spitsyn, L. I. Zemlyanova, I. E. Mikhailenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 5, 1961, pp 1163-1165.

CB

Sci

190,328

Apr 62

An Apparatus for Studying Processes of Heterogeneous
Catalysis at High Temperature Using Radioactive
Catalysts and Ionizing Radiations, by A. A.
Balandin, V. I. Spitsyn, et al, 6 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4,
1961, pp 626-632.

CB

Sci

Jun 62

200,431

The Separation of Pa²³³ Without a Carrier From
Thorium Nitrate Preparations Irradiated by Slow
Neutrons, by V. I. Spitsyn, M. M. Golutvina,
3 pp.

RUSSIAN, per, Atom Energ, Vol VIII, No 2, 1960,
pp 117-120.

CB

Sci

158, 501

Jun 61

New Data on the Effects of Radioactive Solids
on Heterogeneous Isotopic Exchange, by I. E.
Mikhaylenko, V. I. Spitsyn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 1,
1960, pp 129-132.

CB

144,759

Sci

Apr 61

The Effects of External Radiation on the Isotopic
Exchange of Sulfur in the $K_2SO_4-SO_3$ System at
High Temperature, by V. I. Spiteva, I. E.
Mikhaylenko, I. V. Vereshchinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI,
No 2, 1960, pp 360-363.

CB

149,751

Sci

Apr 61

CEA-tr-R-1313 Uncl.

ETUDE DE L'ACTION DU RAYONNEMENT EXTERNE SUR LE
TAUX D'ÉCHANGE ISOTOPIQUE DE SULFURE DANS LE
SYSTEME $K_2SO_4 - SO_3$ À HAUTES TEMPERATURES.

(Study of the Action of External Radiation on
the Isotopic Exchange Rate of Sulfur in the
 $K_2SO_4 - SO_3$ System at High Temperatures).

V. I. Spitsyn (Spitzine), I. E. Mikhailenko,
I. V. Vereshchinskii, and P. Ya. Glazunov.
Translated into French from Doklady Akad. Nauk
S.S.S.R., 131: 360-3(1960). 10p. 9092306

Chemistry; Translations MC-4

C-4 NP NSA Dep.(mc); \$1.10(fs), \$0.80(mf)

N-7 JCL or IC

The Effects of Radiation on the Solubility of
Radioactive Solids, by V. I. Spitsyn, E. A.
Torchenkova, I. N. Glazkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 3, 1960, pp 643-645.

CB

Sci

Apr 61

149, 157

Effect of Specific Radioactivity of Cerium
Oxalate on its Solubility, Vikt. I. Spitsyn,
N. G. Moshchenskaya, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 859-861.

CB

Sci

149,189

Apr 61

Effect of β -Radiation of S^{35} on Isotopic Exchange of Oxygen in the System $Na_2SO_4 - O_2^{18}$, By
Vikt. I. Spitsyn, V. G. Finikov, EK 4
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1361-1363.

CB

Sci

Apr 61

149, 167

New Data on the Effect of Radioactive Radiation
on Solids and External Radiation on Some
Heterogeneous Chemical Processes, by Vikl.
I. Spitsyn, 7 pp

RUSSIAN, per, Iz Ak Nank SSR, Otdel Khim Nauk,
No 8, 1960, pp 1325-1332.

CB

Sci

169,402

Sep 61

The Solubility of Some Sparingly Soluble Alkali
Salts of heteropoly-Acids, by Vikt. I. Spitsyn
and H. B. Babayev, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 3, 1960,
pp 580-585.

Cleaver-Hume Press

Sci

Oct 60

1301134

2
Chromatographic Purification of Technetium, by
A. F. Kuzina, Vikt. I. Spitsyn, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 5,
1960, pp 1006-1012.

Cleaver-Home

Sci

Feb 61

138,334

Triguanidinium Phosphomolybdate and the Products
of Its Reaction with Guanidinium Carbonate, by
Vikt. L. Spitsyn, M. P. Rubel, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 12,
1960, pp 2774-2780.

Cleaver-Hume Press

Sci

179, 261

Jan 62

Isotopic Exchange Between Free Oxygen and
Several Silicon Compounds, by V. I. Spitsyn,
V. G. Finikov, 2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1959, pp 1351, 1352.

SLA 60-10945

Sci

OTS, Vol III, No 6

126, 890

Sep 60

Tasks in the Investigation of Complex Compounds in
Their Relation to the Chemical Problems of the Seven-
Year Plan, by Vikt. I. Spitsyn, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12,
1959, pp 2067-2072.

CB

Sci
Oct 60

130,314

Adsorption of Radiostrontium by Some Soils and
Soil Materials, by V. I. Spitsyn, V. V. Gromov,
5 pp.

RUSSIAN, per, Pochvovedeniye, No 12, 1959, pp 45-5

AIBS

Sci

156,250

Jun 61

An Examination of the Influence of Water on the
Structure of Sodium Para- and Metatungstates from
the Infrared, by Yu. F. Berezkina, V. I. Spitsyn,
4 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 4,
1959, pp 823-829.

Cleaver-Hume Press Ltd.
London

Sci.-Chem
Jan 60

106,517