

Koval'skaya, O. T., Lavrukhin, A. M. and others.
A COMPARISON OF CORONA LOSSES ON DC AND
AC TRANSMISSION LINES WITH IDENTICAL BUN-
DLE CONDUCTORS (Sravnenie Poter'na Koronu na
Liniyakh Peredachi Peremennogo i Postoyannogo Toka s
Odnakovymi Rasshchiplennymi Provodami) tr. by
G. Belkov. 1962, 9p. 10 refs. NRCC Technical
trans. 1047.

Order from NRCC \$0.50

NRCC C-4130

Trans. of Nauchno-Issled[ovatel'skii] Inst[itut]
Postoyan[nogo] Toka: (Izvest[iya]) (USSR) 1960, v. 6,
p. 155-163.

DESCRIPTORS: *Electrical corona, *Transmission
lines, Electric cables, Meteorology.

(Engineering--Electrical, TT, v. 9, no. 7)

63-12695

- I. Koval'skaya, O. T.
- II. Lavrukhin, A. M.
- III. NRCC TT-1047
- IV. NRCC C-4130
- V. National Research Council
of Canada

Office of Technical Services

Thunderstorm Resistance Characteristics of 35
to 500 KV Electric Power Transmission Lines, by
A. V. Korsuntsev, L. Ye. Kuznetsova.
RUSSIAN, per, Izvestiya NIR Postoyannogo Toka,
No 10, 1963, pp 18-37.
CIA X-6485

Sci-Electr
Feb 68

348,838

Investigation of the Volt-Second Characteristics
of Insulator Chains, by N. M. Solomonov,
M. P. Tabardanovo.
RUSSIAN, per, Izvestiya NIK Postoyannogo Toka,
No 10, 1963, pp 38-59.
CIA X-6484

Sci-Electr
1 Feb 68

348,839

Model with 1,000 CPS Frequency for Investigating
Switching Overvoltages in AC Electric Power
Transmission, by A. V. Korsuntsev,
K. I. Pokrovskaya.
RUSSIAN, per, Izvestiya NIK Postoyannogo Toka,
No 10, 1963, pp 55-69.
CIA X-6483

Sci-Electr
Feb 68

348,840

Mathematical Statistical Method of Determination
of the Stability Reserve of Steady State Operating
Conditions of Electric Power Lines, by

U. A. Rozovsky.

RUSSIAN, per, Izvestiya NIK Postoyannogo Toka,
No 10, 1963, pp 141-150.

CIA X-6486

Sci-Bath

Feb 68

343,837

(NY-6837)

From the Experience of Converting Industrial
Enterprises to the Seven- and Six-Hour Workday
in 1956-1958, by A. L. Maksimov, 79 pp.

RUSSIAN, bk, Iz Opyta Perakhoda Promyshlennyykh
Predpriyatiy na Sem - i Shestichasovoy Rabochiy
Den' v 1956-1958 gg, 1959, pp 1-45, 110-146.

JPRS 9812

163, 947

USSR

Econ

Aug 61

Dem'yanov, N. Ya. and Vil'yams, V. V.
THE REACTIVITY OF UNSATURATED HYDRO-
CARBONS WITH NITROUS ANHYDRIDE AND NITRIC
OXIDE. THE PRODUCT OF THE ACTION OF N_2O_3
ON CYCLOPENTENE. 1940, 20p. 6 refs.
Order from OTS or SLA \$1.60

63-10360

Trans. of Akademiya Nauk SSSR. Otdelenie Mate-
maticheskikh i Estestvennykh Nauk (Izvestiya, 1931,
no. 7, p. 1123-1140.

DESCRIPTORS: Hydrocarbons, *Cyclopentenes,
*Nitrogen compounds, Oxides, Anhydrides, Chemical
reactions

(Chemistry--Organic, TT, v. 10, no. 2)

63-10360

- I. Dem'yanov, N. Ya.
- II. Vil'yams, V. V.
- III. Title: Product...

Office of Technical Services

Experimental Investigation of Solvation of
Surfaces and Its Application to the Development
of a Mathematical Theory of Lyophile Colloids,
by B. Deryagin, M. Kusadov.

RUSSIAN, per, Iz Otdel Matemat i Esterestvennikh
Nauk, Ak Nauk SSSR, 1937, pp 1119-1150.

*FTD-TT-62-1504

Sci
Jul 63

Contribution to a Knowledge of the Fauna of the
Kara Sea, by I. D. Strel'nikov.

RUSSIAN, per, Iz Petrograd Nauch Inst imeni P. F.
Lesgafta, Vol VI, Petrograd, 1923, pp 71-80.

Navy Tr 1256/RO 310

Scientific - Geophysics;
Biology

Jan 55 CTS/DEX

29,995

Gnatovskii, V. I.
AN EXPERIMENTAL INVESTIGATION OF HEAT
TRANSFER DURING STEAM CONDENSATION IN THE
CHANNELS OF A SPIRAL HEAT EXCHANGER
(Eksperimental'noe issledovanie Teplootdachi pri
Kondensatsii Para v Kanalakh Spiral'nogo Teplo-
obmennika). Feb 64 [5p] RTS-2519.
Order from OTS, SLA, or ETC \$1.10 TT-64-13743

Trans. of Politekhn[icheskii] Inst[itut] Kiev. Izv[estiya]
1958, v. 28, p. 30-33.

DESCRIPTORS: *Heat transfer, *Heat exchangers,
Steam, Condensation, Heat transfer coefficients,
Velocity, Pressure, Design,

(Physics--Thermodynamics, TT, v. 11, no. 9)

TT-64-13743

I. Gnatovskii, V. I.
II. RTS-2519
III. National Lending Library
for Science and Technology,
Boston Spa (England)

Office of Technical Services

Mitrofanova

RUSSIAN, per, Iz Pulkovo Astron Obs, Vol. XIX, (152),
1954, pp. 100-102.

*PL 480
OTS 61-11437

Nov 61

Goldberg

RUSSIAN, per, Pulkovo Astron Obs Iz, Vol. 20,
1956, pp. 126-137.

*PL 480
OTS 61-11437

NCV 61

Speed of Solution of Compounds of Potassium, Aluminum,
and Iron of Natural Phosphates by Mineral Acids, by
A. V. Kozakov, 26 pp.

RUSSIAN, per, Iz Rezul't Veget Opytov L₂b Rabot, Vol
IX, 1913, pp 21-45.

SLA R-2680

Sci

Jul 59

92,602

Softening and Bending of Carbon at High Temperatures,
by I. S. Plotnikov, 8 pp.

UNCLASSIFIED

Full translation.

RUSSIAN, per, Iz Ross Ak Nauk, Vol XI, Petrograd,
1917, pp 883-890.

Navy Tr 610/WRL 349

Jun 52 CTS

Scientific - Engineering

DEX

Anal AIC NAUK

Measurement of Interface Impedance as a Method of
Physico-Chemical Research, by P. P. Porfirov, 7 pp.

RUSSIAN, per, Iz Sektora Fiziko-Khimicheskogo Analiza,
Acad Nauk SSSR, Vol VIII, 1936, pp 135-140.

Def Sci Info Sv
DRB Canada T 106 R

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Scientific - Chemistry
CIA 2201692

9118
Jan 54 CTS

Transformations in the Middle Part of the
System Al-Sig (excerpts), by N. S. Kurenkov,
N. I. Mikhayeva, 17 pp.

RUSSIAN, per, Iz Sektora Fiz Khim Anal Inst Obshch
Neorgan Khim Ak Nauk SSSR, Vol XIII, 1940,
pp 209-224.

AEC/SCL-T-244

Sci - Chem

Jun 59

88, 895

Double Decomposition in Absence of Solvent. Part
LIV. A Quaternary Mutual System of Fluorides,
Chlorides, and Bromides of Sodium and Potassium.
Na, KIF, Cl, Br, by V. D. Poliakov, 33 pp.

RUSSIAN, per. Is Bek Fiz-Khim Anal Inst Obshch i
Neorgan Khim, Vol XIII, 1940, pp 299-320.

Sci Trans Center RT-955

Scientific - Chemistry
CRS/DEK

14, 044

Electrical Conductivity of the System $H_2SO_4-H_2O$. 7.
by F. Ust'Kachkintsev, A. N. Zhdanov, 7 pp.

RUSSIAN, per, Iz Sektora Fiz-Khim Anal Inst Obshch
i Neorg Khim, Vol XIV, 1941, pp 205-210.

SLA R-3336

Sci

Aug 59

93, 614

Area of Solid Solutions of Potassium and Ammonium
Phosphates in an Aqueous System of $\text{NH}_4\text{H}_2\text{PO}_4$, KCl
 KH_2PO_4 , NH_4Cl at 0° , by M. I. Ravich, Z. V. Popova,
16 pp.

RUSSIAN, per, Iz Sektora Fiz Khim Anal Inst Goshkh
i Neorg Khim, Vol XIV, 1961, pp 373-386.

SLA R-3337

Sci

Aug 59

93,606

Lengauer, D.
CONCERNING THE MANUFACTURE OF A NEW
TYPE OF POTASSIUM RAW MATERIAL INTO
POTASSIUM CHLORIDE, POTASSIUM MAGNESIUM
SULFATE AND POTASSIUM SULFATE. [1963] 43p.
16 refs.
Order from OTS or SLA \$4.60 63-14645

Trans. of Akademiya Nauk SSSR, Sektor Fiziko-
Khimicheskogo Analiza, Izvestiya 1941, v. 14,
p. 411-430.

DESCRIPTORS: *Potassium compounds, Magnesium
compounds, Chlorides, Sulfates, Manufacturing
methods, Rock salt, Solvent action, Crystallization,
Decomposition, Fertilizers.

The possibility is demonstrated of reprocessing of a
new type of potassium raw material into products used
(Engineering--Chemical, TT, v. 10, no. 7) (over)

63-14645

1. Title: Langbenite
2. Title: Kainite
1. Lengauer, D.

Office of Technical Services

On the Energy of Mixing and Energy of Arrangement of
Solid Solutions, by B. Ya. Pines, 6 pp.

Full translation.

RUSSIAN, Iz Bek Fiz-Khim Anal. Inst Obsh i
Teor Khim, 1943, Vol XVI, No 1, pp 64-67.

Sci Mus Lib No 52/3270

Scientific - Chemistry

27 December 1952

6
The Decomposition of the Solid Solution of Silver in
Aluminum, by N. V. Ageev, M. A. Skriabina,

RUSSIAN, per, Iz Sek Fiz-Khim Anal., No 15, 1947,
pp 80-87

Fulmer Research Institute No 3

Scientific-Chemistry 60,680

External Components of the Fusion Diagram of
the Quaternary Reciprocal System H_2O , KCl , NO_3 ,
 H_2PO_4 , by A. G. Bergman, 54 pp.

RUSSIAN, per, Invest Sektors Fiz Khim Anal, Inst
Obshched i Neorg Khim, Akad Nauk SSSR, Vol IV,
1947, pp 157-199.

SLA R-2657

NEL 10-10-50

Sci

Jul 59

92,394

Fusion Diagram of the Quaternary Reciprocal System
 NH_4 , K// Cl, No 3, H_2 PO_4 , by A. G. Bergman, V. P.
Radishchev, I. N. Nikonova, 39 pp.

RUSSIAN, per, Izvest Sektora Fiz-Khim Anal ^{11/17}
Obshchei i Neorg Khim Akad Nauk SSSR, Vol XV, 1941, ^{11/17}
pp 200-233.

SLA R-3051

NLS 11/17/51

Sci

Jul 59

92, 391

Solid Solutions of Potassium and Ammonium Phosphates, by N. S. Kurnakov, A. Y. Zvorykin, V.Y. Katkovich. 27 pp.

RUSSIAN, Ser, Izvest Sektora Fiz Khim, Akad Inst
Obshchei i Neorg Khim, Akad Nauk SSSR, Vol XVI,
No 3, 1948, pp 108-126.

SLA R-2032

Sci

Jul 59

92,348

New Method for the Study of the Bending Strength
of Metallic Systems at High Temperatures, by
I. I. Kornilov, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, ~~Sektor Fiz-Khim~~,
Anal, Vol XVIII, 1948 (?), pp 72-82.

25,180 Sci Mu Lib Tr 55/0925

Scientific - Physics

Jul 55 CTS

The Flexural Strength of ~~Aluminum-Magnesium~~ Alloys
at 300°C, by I. I. Kornilov, A. A. Azovskaya,
3 pp,

RUSSIAN, per, *SEKTOP FIZ-KHIM ANAL*
Iz Ak Nauk SSSR, Vol XVIII, 1948,
pp 83-85. 1

23,555

Sci Mu Lib Tr No 55/0382

Scientific - Min/Metals

May 55 CTR

Topology of Reciprocal Complex Formations in
Ternary and Quaternary Systems, by A. G. Bergman,
G. A. Bukhalova, 15 pp.

RUSSIAN, per, IZ Sektora Fiz Khim Anal Inst.
Obshch Neorg Khim Ak Nauk SSSR, Vol XIX, 1949,
pp 33-50.

AEC Tr 2421

33,259

Sci - Chemistry, Physics
Apr 56

Klochko, M. A.

THE ANALOGY BETWEEN THE PHASE RULE AND
EULER'S THEOREM FOR POLYHEDRONS. [1962] 12p.
10 refs.

Order from OTS or SLA \$1.60

62-14847

Trans. of Akad[emiya] Nauk SSSR. Sektor Fiz[iko]-
Khim[icheskogo] Anal[iza]. Izv[estiya] 1949, v. 19,
p. 82-88.

DESCRIPTORS: *Geometric forms, Phase studies,
*Chemical equilibrium, Physical chemistry, Chemical
analysis, Algebraic topology, Analysis.

The analogy between the mathematical formulation of
the phase rule and Euler's theorem is purely one of
form based on the similarity of certain algebraic
groupings. Nevertheless, the study of topological rules,
such as Euler's theorem, inherent in phase diagrams is
useful for the profound understanding of chemical equi-
libria. (Author)

62-14847

1. Title: Euler's theorem
1. Klochko, M. A.

(Chemistry - Physical, 17,
v. 9, no. 5)

Office of Technical Services

The Chemistry of Multicomponent Systems, by A. G. Bergman, 15 pp.

RUSSIAN, per, Iz Sektora Fiz-Khim Analiza Ak Nauk, SSSR, Vol XIX, 1949, pp 113-119.

Sci Trans Center
RT-2196

Scientific - Chemistry

Feb 55 CTS/DEX

21,482 SLA R-2790

On the Characteristic Properties of the Chemical
Diagrams of the Stable Elements of Ternary and
Quaternary Reciprocal Systems, by A. P. Falkin,
12 pp.

RUSSIAN, per, Is Sektora Fiz Khim Anal Inst
Obshch Neorg Khim Ak Nauk SSSR, Vol XIX, 1949,
pp 120-125.

AEC Tr 2422

33,260

Sci - Chemistry, Physics
Apr 56

Some Comments on the Effect of the Degree of
Dispersion and Density of Phases Upon Equilibrium,
by V. A. Kirayev, 13 pp. UNCLASSIFIED

RUSSIAN, per, Iz Sektora Fiz. - Khim. Anal, Inst
Obshchei Neorg Khim, Ak Nauk SSSR, Vol XIX, 1949,
pp 134-143.

19,543

ABO-Tr-1967

SLAR-3041

Scientific - Chemistry

54
Not to be used

Electric Conductivity, Viscosity and Density
of the Fused Binary Salt Systems With a Simple
Eutectic, by I. P. Vereshchetina, N. P.
Lushnaja, 33 pp.

RUSSIAN, per, Iz Sektora Fiz Khim Anal Inst
Obshch Neorg Khim Ak Nauk SSSR, Vol XIX, 1949,
pp 188-207.

AEC Tr 2423

RT-3754
33,261

Sci - Chemistry, Electricity

Apr 56

Yanat'eva, O. K.

INVESTIGATION OF EQUILIBRIA IN THE MARINE SYSTEM K, Na, Mg // Cl, SO₄--H₂O, PT. 1 (Issledovanie Ravnovesii v Morskoi Sisteme K, Na, Mg // Cl, SO₄--H₂O pri 25°). [1962] [34]p. (foreign text included) 19 refs.

Order from OTS or SLA \$3.60

62-16438

Trans. of Akademiya Nauk SSSR. Sektor Fiziko-Khimicheskogo Analiza. Izvestiya, 1949, v. 17, p. 370-382.

DESCRIPTORS: Minerals, *Crystals, *Potassium, *Sodium, *Magnesium, Chlorides, Sulfates, Hydrates, Chemical equilibrium, Fertilizers.

The 25° solubility isotherm was studied of the quaternary system K₂SO₄--Na₂SO₄--MgSO₄--H₂O, which enters into the composition of the five-component marine system K, Na, Mg || Cl, SO₄ H₂O. The (Earth Sciences--Mineralogy, TT, v. 8, no. 10)(over)

62-16438

1. Title: Marine systems

1. Yanat'eva, O. K.

Office of Technical Services

The Activity of Solution Components in Liquid Hydrogen Fluoride; The Activity of Fluorides of the Alkali Metals in Liquid Hydrogen Fluoride; The Activity of Hydrogen Fluoride in Solutions of Ammonium Bases, by N. S. Nikolayev, I. V. Tananayev, 17pp; 12pp; 13pp, (42 Pp.)

RUSSIAN, per, Iz Sektora Fiz.-Khim. Anal Akad Nauk SSSR, Vol XX, 1950, pp 184-195; 196-203; 204-211.

21,236

AEC Tr No 1996

Scientific - Chemistry Feb 55 CTS

The Solubility of Dolomite in Aqueous Salt Solutions,
by O. K. Ysnat'eva.

RUSSIAN, per, Iz. Sektora Fiziko-Khimicheskogo Analiza
Instituta Obshch i Neorganicheskoi Khim, Vol XI, 1950,
pp 252-268.

36,107
Assoc Tech Serv RJ-381

Scientific - Chemistry

Jun 56/æx

Drakin, S. I.
A NEW METHOD OF SEGREGATING EUTECTIC
ALLOYS [Paper] presented at All-Union Conference of
Physico-Chemical Analysis (no. 2) 31 Jan 50. [1962] 9p.
3 refs.

Order from QTS or SLA \$1.10

62-18910

Trans. of Akad[emiya] Nauk SSSR, Sektor Fiziko-
Khimicheskogo Analiza, (Zvestiya), 1950, v. 20,
p. 341-344.

Another trans. is available from LC or SLA at \$1.80,
pb \$1.80 as 61-10290 [1960].

DESCRIPTORS: *Bismuth alloys, *Cadmium alloys,
Separation, Tin alloys, *Eutectics.

For abstract see Technical Translations 5: 180, 1961.

(Chemistry--Physical, TT, v. 9, no. 3)

62-18910

I. Drakin, S. I.
II. Title: All-Union. . .

Office of Technical Services

Thermographic Method of Determining Heat Effect,
by A. F. Kapustinakiy, Yu. P. Barskiy.
RUSSIAN, per, Iz Sektora Fiz-Khim Anal, Ak Nauk SSSR,
Vol XX, 1950, pp 317-325. 9693962
DDC-RSIC-362

Sci - Phys
Mar 65

275,027

Solubility Isochrones-Isotherms of
Apatite in the System $H_2SO_4-H_3PO_4-H_2O$ as Example of Topochemical Kinetics,
and the Production of Superphosphate, by
E. B. Brutskus and M. L. Chepelevetskiy,
7 pp.

RUSSIAN, per, Iz Sektora Fiz Khim Anal,
Ak Nauk SSSR, Vol XX, 1950, pp 383-388.

SLA R-2261

Sci

Aug 58

72,159

The Decomposition of Solid Solutions in
Phosphorus-Sulfur Systems, by V. V. Illarionov,
T. I. Sokolova, 5 pp.

RUSSIAN, per, Iz Sektora Fiz Khim, Anal Akad Nauk
SSSR, Vol XXI, 1952, pp 153-158.

CIA/FDD/XX-46

Scientific - Chemistry

Jan 56 CTS/DEX

LAC INTERNAL USE ONLY

30,367

Study of the $\text{BiCl}_3 + 3\text{Ag} \rightleftharpoons 3\text{AgCl} + \text{Bi}$ System, by
T.I. Sokolova, 23³pp.

RUSSIAN, per, Iz Sektora Fiz Khim Anal, Inst
Obsachei Neorg Khim, Ak Nauk BSSR, Vol XXI, 1952,
pp 2210-2215.

150-111.

28A P-3494
AEC Tr 3168

Sci - Chem

May 58

62,641

Bergman, A. G. and Bukhalove, G. A.
THERMOCHEMICAL INTERRELATIONS IN TERNARY
RECIPROCAL SYSTEMS WITH COMPLEX
FORMATION. [1962] 40p.
Order from K-H \$50.00 K-H 5035 a

Trans. of [Akademiya Nauk SSSR]. Sektor Fiziko-
Khimicheskogo Analiza, Izvestiya, 1952, v. 21,
p. 228-249.

DESCRIPTORS: *Thermochemistry, *Complex
compounds.

(Chemistry--Physical, TT, v. 9, no. 11)

64-16432
63-12947

- I. Bergman, A. G.
- II. Bukhalove, G. A.
- III. K-H-5035-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

The Solubility of Calcite in the Presence of CO_2 and
NaCl, by E. B. Shternin, E. V. Prolova.

RUSSIAN, per, Iz Sektora Fiziko-Khimicheskogo Analiza
Instituta Obshch i Neorganicheskoy Khim, Vol XII, 1952,
pp 271-287.

36,114
Assoc Tech Serv RJ-379

Scientific - Chemistry

Jun 56/dex

Investigation of the Melting Point Diagram of
the Boron-Carbon System and Nature of Phases
in This System, by G. A. Moerson, G. V. Samsonov,
17 pp.

RUSSIAN, per, Is Sektora Fis Khim Anal Inst
Obshchest Nauch Khim, Ak Nauk SSSR, Vol XXII,
1953, pp 92-103.

ABC Tr 3317

Sci - Chem

73, 954

Sep 58

On the Hardness of Refractory Carbides, by G. A.
Meerson, Ya. S. Umanakiy, 7 pp.

RUSSIAN, per, Is Sektora Fiz Khim Anal Inst Obshch
Khim, Akad Nauk SSSR, Vol XXII, 1953,
pp 108-110.

AEC Tr 3629

Sci - Chem

May 59

86,974

A Singular Irreversible Reciprocal System With
the Stratifying of Silver and Potassium Nitrates
and Iodides, by N.S. Dombrovskaya, Z.A. Koloskova.
RUSSIAN, per, Izv. Sekt. Fiz.-Khim. Analiza, Inst.
Obsch. Neorg. Khim, Akad. Nauk SSSR, Vol 22, 1953
pp 178-195. 9233249
AEC AI-tr-207

Sci/Physics
Aug 66

306,282

Bhidin, V. P.
A RECIPROCAL SYSTEM OF CHLORIDES AND
NITRATES OF RUBIDIUM AND CESIUM. [1963] 13p
(figs omitted) Srets
Order from GTS, SLA, or ETC \$1.60 TT-64-14405

Trans. of Akademiiya Nauk SSSR, Sektor Fiziko-Khim-
icheskogo Analiza, Izvestiya, 1953, v. 23, p. 2307-10.
(Abstract available)

DESCRIPTORS: *Fused materials, Salts, *Rubidium
compounds, *Cesium compounds, *Chlorides, *Nitrates,
Phase studies, *Complex compounds.

Investigation was made by the visual-polythermic
method, of the binary systems: $\text{RbNO}_3\text{-CsNO}_3$,
 $\text{CsNO}_3\text{-CsCl}$, $\text{RbNO}_3\text{-RbCl}$, $\text{LiNO}_3\text{-CsNO}_3$, and
 $\text{LiNO}_3\text{-RbNO}_3$. The complex compounds α and β
(Chemistry-Physical, TT, v. 11, no. 11). (over)

TT-64-14405

I. Bhidin, V. P.

Office of Technical Services

Solubility Isotherm of the System $\text{Na}_2\text{SO}_4\text{-Na}_2\text{CO}_3\text{-NaCl-NaOH-H}_2\text{O}$ at 25° , by L. S. Itkina, V. P. Kokhova.

RUSSIAN, per, Izvest Sektora Fiz Khim Anal
Akad Nauk SSSR, Vol XXIII, 1953, pp 284-299.

Assoc Tech Sv RJ-525
\$13.10 (\$5.25)

Sci - Chemistry
Apr 1957 CTB/dex

46,784

030

Systemation of Binary Intermetallic Phases, by
P. I. Kripyakevich, E. E. Cherkashin, 82 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Sektora Fiziko-
Khim Analiza, Vol XXIV, 1954, pp 59-123. 9696764
FTD-TT-64-1018

Sci - Phys
May 65

280,437

The Alloys of Nickel and Zirconium, by S. A.
Pogodin, V. I. Skorobogatova.

RUSSIAN, per, ~~Invest~~ Sekt Fiziko-Khimich Analiza,
Vol XXV, 1954, pp 70-80.

~~*AEC~~

Sci - Min/met
Feb 58

ATE RJ-917

Ditto - also

Properties of the System of Borides of Titanium
and Zirconium, by B. A. Meyerson, G. V. Samsonov,
R. B. Kotel'nikov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Sektor Fiz i Khim
Analiza, Vol XXV, 1954, pp 89-93.

LC or SLA 59-10096

Sci - Chemistry
Feb 59

1.80

81,548

The Chemical Nature of the Sigma Phase in the
Iron-Chromium System, by A. T. Grigor'ev,
N. M. Gruzdeva, I. A. Bondar,

RUSSIAN, per, Iz ~~Ann~~ ~~Sekt.~~ Fiz -Khim Anal,
Vol XXI, 1954, pp 132-143.

25,289

Brutcher Tr 3454
#5.80

Scientific - Min/Metals

Jul 55 CFS

Phase Equilibria in the System $\text{NaCl-NaOH-H}_2\text{O}$ at
High Temperatures, by M. I. Ravich, et al.

RUSSIAN, per, Iz Ak Nauk SSSR Sektora Fiz-Khim
Anal, Inst Obshchei i Neorg Khim, Vol XXIV, 1954,
pp 280-293.

ATS RJ-2048

Sci - Chem
Dec 59

104,055

The Alloy of Nickel and Zirconium, by S. A.
Pogodin, V. I. Skorobogatova.

RUSSIAN, per, Iz Seki Fiziko-Khimich Analiza,
Vol XXV, 1954, pp 70-80.

AMS RJ-517

See - AM/121

Jul 59

91,072

Some Physico-Chemical Properties of Systems Formed
by Titanium and Zirconium-Borides, by G. A. Meyerson,
G. V. Samsonov, R. B. Kotelnikov. UNCLASSIFIED

RUSSIAN, per, Iz Sek Fiz-Khim Anal Ak Nauk SSSR,
Vol XXV, 1954, pp 89-93.

Sci Mus Lib 57/4487

Sci - Phys; Chem
Xas Sep 58

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The Existence of the Equilibrium Solid Phase $K_2CO_3 \cdot Na_2CO_3$ in the System K_2CO_3 - Na_2CO_3 - H_2O at Temperatures Above 100° , by M I. Ravich, et al.

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