

Investigation of the Sintering of Mullite
Refractories Synthesized From Technically Pure
Materials, by E. B. Kroll', D. N. Poluboiarinov,
47 pp.

RUSSIAN, per, Trudy Gosudarstvennyi Nauchno-
Issledovatel'skiy Institut Stroitel'noi Keramiki,
No 24, 1964, pp 105-127. P911284067
AEC UCRL Tr-1345

336,949

Sci - Materials
Ser 67

Diffusion Expansion of Synthetic Mullite Masses,
by D. N. Poluboyarinov, E. B. Kroll, 39 pp.
RUSSIAN, per, Trudy Gosudarstvennyi Nauchno-
Issledovatel'skiy Institut Stroitel'nykh Keramiki,
No 24, 1964, pp 133-157. F911182767
AEC UCRL Tr-1344

324,411

Sci - Materials
June 67

Wave-height Distribution Functions During
Mixed Wave Activity, by I. S. Brovikov.
RUSSIAN, per, Trudy Inst Gosudar Okeano,
No 50, 1960, pp 33-38.
*Dept of Navy 5364/APL/JHU TG230-T514

Sci - Phys
Jun 67

337,001

Observations on the Mechanism of the Hemorrhages Plague. Rept I: State of the Factors of Blood Coagulation in Experimental Plague, by I. E. Kiseleva, 12 pp.

RUSSIAN, per, Trudy Gosud Nauchno-Issled Pro-tivochumnyi Inst Rostov-on-Don, Vol XV, No 1, 1959, pp 97-105.
CFSTI AD-638 580

Sci-B&M
Jun 67

328,145

Bergman, A. G. and Obukhov, A. P.
PHYSICO-CHEMICAL PRINCIPLES OF EXTRACTION
AND REWORKING OF MAGNESIUM CHLORIDE. [1963]
[26p] 9refs
Order from OIS, SLA, or ETC \$2.60 TT-64-10276

Trans. of Gosudarstvennyi Institut Prikladnoi Khimii.
Trudy (USSR) 1934, v. 25, p. 9-19.

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-10276

I. Bergman, A. G.
II. Obukhov, A. P.

Office of Technical Services

Bergman, A. G., Klement'ev, V. A., and
Pevzner, E. B.
HYDROLYSIS OF MAGNESIUM CHLORIDE:
LABORATORY STUDY. [1963] [40p] (4figs 2tables
omitted) 14refs
Order from OTS, SLA, or ETC \$3.60 TT-64-10238

Trans. of Gosudarstvennyi Institut Prikladnoi Khimii.
(Trudy) (USSR) 1934, v. 25, p. 20-39.

(Chemistry--Inorganic, TT, v. 11, no. 11)

TT-64-10238

I. Bergman, A. G.
II. Klement'ev, V. A.
III. Pevzner, E. B.

Office of Technical Services

TT-64-10240

Bergman, A. G., Lyashenko, A. I., and Obukhov,
A. P.

HYDROLYSIS OF MAGNESIUM CHLORIDE: SEMI-
PLANT STUDY. [1963] 64p (figs tables omitted)

10refs

Order from OTS, STS, or ETO \$6.00 TT-64-10240

Trans. of [Gosudarstvennyi Institut Prikladnoi Khimii,
Trudy] (USSR) 1934, v. 25, p. 39-69.

I. Bergman, A. G.
II. Lyashenko, A. I.
III. Obukhov, A. P.

(Chemistry--Inorganic, TT, v. 11, no. 12)

Office of Technical Services

The Range of the Murman Herring and the Center
of Their Range, by M. E. Makushok, 9 pp.
RUSSIAN, per, Trudy Inst Gosudarstvennogo
Okean, Vol 1, No 4, 1932, pp 3-66.
OTS 63-11108
PL-480

Sci - Biol & Med Sci
Jun 64

260,816

On the Calculation of Wind Wave Elements
in the Case of a Variable Wind, by
I. S. Broviko.

RUSSIAN, per, Trudy Gosudarstvennyi
Okeanograficheskii Institut, No 38,
1957, pp 3-10.

Dept of Navy Tr 4724/APL/JHU TG 250-T471

Sci-E. Sci
Jun 66

302,092

Derivation of a Generalized Function of the
Wave Height Distribution on the Surface of
a Heavy Liquid, by I. S. Brovikov.
RUSSIAN, per, Trudy Inst Gos Okeanogr.
No 42, 1958, pp 105-114.
Dept of Navy 4792/APL/JHU TG 230-T472

Sci - Earth Sci
Aug 66

305,641

Using the X-Ray Analysis Method During
the Synthesis of Lead, Zinc, Mercury
Selenites, and Mercury Selenide, by
N. A. Filippova, L. A. Martynova, 6 pp.
RUSSIAN, per, Gosudarstvennyy Institut
Tsvetnykh Metallov. Sbornik Nauchnykh
Trudov, No 19, 1962, pp 795-799. P100063166
FTD-TT-65-1535

Sci - Materials
Nov 66

312,928

Experimental Research on the Evaporation Rate
of a Drop of Liquid in a Stationary High-Temperature
Medium, by V. M. Ivanov, Ye. V. Smirnova, 22 pp.

RUSSIAN, per, Novyye Metody Szhiganiya Topliva
i Voprosy Teorii (New Methods of Combustion and
Problems of Theory), Inst. Gory i Kosmosa, Vol. XII, 1962,
pp 46-58. 9685421

FTD-TT-63-520

Sci-Phys

Sep 63

343,570

Means of Increasing the Commercial Fish Stocks of the Ural-Caspian Region, by P. M. Konovalov, 14 pp.
RUSSIAN, per, Trud Instituta Ikhtiol i Rybnogo Khoz Ak Nauk Kazak SSR, Vol IV, 1963, pp 3, 4. (Table of Contents, Foreward)

JPRS 23066

Sci-Biol & Med
Feb 64

246
248, 232

S-1154/63

Ways of Increasing Food-Fish Reserves in the Uralo-Caspian Area, by P. M. Konovalov. (NY-7965)

RUSSIAN, per, Trudy Inst Ikhtiologii i Rybnogo Khoz Ak Nauk Kaz SSR, Vol IV, 1963, pp 5-18.

*JPRS

Sci - Biol & Med Sci

Dec 63

S-1154/63

On the Question of Reproduction of Sturgeon in the
River Ural, N. Ye. Peseridi. (NY-7965)

RUSSIAN, per, Trudy Inst Ikhtiologii i Rybnogo Khoz
Ak Nauk Kaz SSR, Vol IV, 1963, pp 33-46.

*JPRS

Sci - Biol & Med Sci
Dec 63

S-1154/63

The Condition and Ways to Increase Fish Reserves of
Aral Sea, by A. V. Volodkin. (NY-7965)

RUSSIAN, per, Trudy Inst Ikhtiologii i Rybnogo Khoz
Ak Nauk Kaz SSR, Vol IV, 1963, pp 69-74.

*JPRS

Sci - Biol & Med Sci
Dec 63

S-1154/63

Acclimatization of Mesomysis and Possibility of
Moving in of Pontocaspian Invertebrates Into Lake
Balkhash, by S. K. Tyuten'kov. (BNY-7965)

RUSSIAN, per, Trudy Inst Ikhtiologii i Rybnogo Khoz
Ak Nauk Kazakhskoy SSR, Vol XIV, 1963, pp 152-174.

*JPRS

Sci - Biol & Med Sci
Dec 63

S-1154/63

On the Study of Reaction of Young Fishes Within the Zone
of Action of Moving Electric Field, by G. N. Zolotov,
(NY-7965)

RUSSIAN, per, Trudy Inst Ikhtiologii i Rybnogo Khoz
Ak Nauk Kazakhskoy SSR, Vol IV, 1963, pp 175-186.

*JPRS

Sci - Biol & Med Sci

Dec 63

Experimental Industrial Preservation With Sodium
Pyrosulfite of Caspian Sprat for Production of Feed
Meal, by S. V. Yezerskiy, 25 pp.
RUSSIAN, per. Trudy Inst Ikh i Ryb Khoz Ak
Nauk Kazak SSR, Vol IV, 1963, pp 211-233.
JPRS 24182

Sci - Biol
Apr 64

254, 429

On the Observations of Artificial Earth Satellites, by
A. A. Gurshteyn. 20 pp

RUSSIAN, per, Trudy Inst Inzhenerov Geodezii,
Aerofotoyemki i Kartografii, No 40, 1960, pp 103-113.

8.28.62

FTD TT 62-975

Sci - Space Res
6 Jul 62

Sediment Formation During Storage of
High-Viscosity Residua, by I. M. Korobtsov,
S. A. Ginzburg, 8 pp.

RUSSIAN, per, Trudy Inst Inzhen Morskogo
Flota Nauch, Vol XVII, 1958, pp 3-11.

ATS-221372R

Sci
Vol IV, No 7
Apr 62

193,860

Various Methods of Analysis of Sandwich Plates
With Bending and Their Comparison by Experiment,
by A. A. Nikishin. 17 pp.
RUSSIAN, per, Trudy Inzhenerno-Stroitel'nyy
Institut. Storzhi i Plastinki, No 44, 1963,
pp 103-118. P100030066
FTD-MT-65-288

Sci/Materials
Oct 66

309,493

Radiation of a High-Temperature Plasma,
by A. I. Alekseyev, 13 pp.
RUSSIAN, per. Trudy Inst Inzhenerno-Fiz.
1963, pp 83-93. P100091867
FTD-MT-64-435

Sci - Phys
Apr 67

322,049

Deceleration of a Relativistic Particle
in a Plasma, by A. I. Alekseyev, 24 pp.
RUSSIAN, per, Trudy Inst Inzhenerno-Fiz
Primeneniye Metodov Kvantovoy Teorii Polya
k Zadacham Mnogikh Tel, 1963, pp 65-82.
P100091867
FTD-IT-64-435

Sci - Phys
Apr 67

322,048

Use of Complete and Incomplete Fluorescent
Antibodies for Detection of Virus of Ornithosis,
by R. B. Collier, et al.
RUSSIAN, in, Trudy Instituta Imunologii i
Mikrobiologii im Pastera, Vol XXV, Leningrad,
1968, pp 281-289.
NII 8-24-64

Sci
Diol & Med Sci

The Combustion of Gas Mixture in a Piston
Engine, by A. I. Stezhinskiy. UNCL

UKRAINIAN,
~~RUSSIAN~~, per, Trudy Inst. Ispol'zovaniya
Gaza v Kosmosel. Khos. i Prom. Ak Nauk
Ukrain BSSR, No 3, 1955, pp 105-113.

DSIR LLJ RTS 1336

(Ll. 2s. 6a.)

113,039

Sci - Fuels
Apr 60

Investigation of Processes in Heat Ex-
changes with Moving Beds, by L. S. Piro, RUSSIAN, per, Tr. Inst. Ispol'zovaniya
Gaza v Kommunal'nim Khoz. i Prom. Ak
Nauk UkrSSR, Vol V, 1958, pp 88-108.
NLL KTS 3118
(On Loan or Purchase)

Sci-Phys
Apr 67

322,806

Hypersonic HE Flow Past Axisymmetric Bodies
Flying at an Angle of Attack, by B. E. Minostsev,
20 pp.

RUSSIAN, bk, Trudy Inst Issledovaniya po
Mekhanike i Prikladnoy Matematike, No 7,
1961, pp 136-151.2 9685419

FTD-FF-63-406

Sci-Aero

Sep 63

343,558

S-250/63

The Structure of Functions With a Limited Spectrum
and Related Problems of Communication Theory, by
B. S. Tsybakov, V. P. Yakovlev. (SF-2548)

RUSSIAN, ^{AW} ~~Trudy~~, Issledovaniya po Fizike i Radiotekhnike.
~~Trudy Instituta, Moscow, Physicotechnical Institute,~~
~~State Publishing House of the Defense Industry, No 2,~~
1958, pp 13-29.

*JPRS

Sci - Eng/Elec

Mar 63

Moving Bed Heat Exchanger, L. S. Piore, et al.
RUSSIAN, per, Trudy Instituta Ispol'zovaniya
Gaza v Kommunal'nom Khozyaistve i Promyshlennosti
Akademiya Nauk Ukrainskoi SSR, Vol 5, 1958,
pp 77-87.
NLL RTS 3117

Sci - Chem
Sept. 67

340,419

Investigation of H R-F Motors, by B.N. Gorozbenkin,
12 pp.

RUSSIAN, bk, Trudy Instituta Issledovaniya Po
Fizike i Radiotekhnike, No 8, 1962, pp 3-13.
966896

FED-TT-62-1126

216,891

Sci - Electron
Nov 62

The 100th Birthday of K. E. Tsiolkovskogo, by V. N. Sokol'skiy.

RUSSIAN, per, Trudy Inst Istorii Yestestvoznaniya i Tekh, No 6, 1953, pp 24-29.

*FTD-MT-62-16
(Machine Translation)

USSR

Biog

Jul 62

The Beginning of K. E. Tsiolkovskiy's Works on
Interplanetary Communication, by B. N. Vorob'yev.

RUSSIAN, per, Trudy Inst Istorii Yestestvoznaniya i
Tekh, No 6, 1958, pp 30-38.

*FTD-MT-62-17
(Machine Translation)

Sci - Space Res

&
Aug 62

From Correspondence by K. E. Tsiolkovskiy, by B. N. Vorob'yev.

RUSSIAN, per, Trudy Inst Istorii Yestestvoznaniya i Tekh, No 6, 1953, pp 46-49.

*FTD-MT-62-19
(Machine Translation)

~~Soviet~~
USSR

Soc

4 Aug 62

Documentary Materials of K. E. Tsiolkovski in the
Moscow Department of the Archives of the Academy of
Sciences of the USSR, by N. S. Romanova.

RUSSIAN, per, Trudy Inst Istorii Yestestvoznaniya i Tekh
No 6, 1958, pp 50-51.

*FTD-MT-62-18
(Machine Translation)

Sci - Misc.

Aug 62

A Short Outline of the Development of Rocket
Research in the USSR, by V. N. Sokolskiy, 35 pp.
RUSSIAN, per, Akad. Nauk SSSR. Trudy Inst. Istorii
Estestvovedeniya i Tekhniki, Vol 29, 1960.
CFSTI-TT-67-51340

USSR/Military
Ssh/00dance

342,478

Atmospheric Turbulence and the Stability of
Flights in Zone of Tropopause and Jet Streams,
by N. F. Gel'mgol'ts, 43 pp.
RUSSIAN, per, Trudy Inst Kazakhskiy Nauch-Issled
Gidro, No 19, 1963, pp 3-30.
FTD-MT-64-297

Sci - Aero
Apr 65

277,824

6
Remembered Heterocyclic Compounds - Products of the
Reaction of O-Phenylene-diamine with Derivatives of
Acetyl-acetone, by S. B. Vaysman, 15 pp. UNCLASSIFIED

RUSSIAN, per, Trudy Inst Khimii, Kharkivskii Univ.,
Vol IV, No 13, 1938, pp 157-174.

Sci Mu Lib 54/1617

NLL M.2631

Scientific - Chemistry

17.728

Radar Observations and Their Application in
Meteorology, by D. Simidchiyev, Al. Malinovski.

RUSSIAN, per, Trudy Instituta Khidrol i Meteorol, No 9,
1960, pp 181-240.

*FTD-TT-63-537

Sci - Earth Sci

May 63

The Connection Between the Activity, Structure, and
Acidity of Magnesium Silicate Catalysts, by
N. A. Danilova, 20 pp.

RUSSIAN, per, Trudy Inst Khim Ak Nauk Azerbaidzhan
SSR, VolXIII, pp 38-47, 1954.

SLA R-1626

Sci - Chem
Aug 58

70,586

New Preservative Colloids for the Stabilization of Dispersed Systems - Alkaline Extracts From Grape Husks in the Capacity of Surface-Active Reagent-Stabilizer of Clay Suspensions, by I. N. Ibragimov, A. K. Miskarli, 6 pp.

RUSSIAN, per, Trudy Inst Khim Ak Nauk Azerbaidzhan, Vol XVIII, 1960, pp 79-83.

CIA/FDD XX-1289

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Nov 62

USIB INTERNAL USE ONLY

216, 241

The Condensation of Acetate Esters of Certain
Polyhydric Alcohols With Aromatic Hydrocarbons
in the Presence of Anhydrous Aluminum Chloride, by
R. M. Lagidze, 11 pp.

RUSSIAN, per, Trudy Inst. Khim. Akad. Nauk Gruzinskoi]
SSR, Vol XII, 1956, pp 157-168.

I

Assoc Tech Ser (00J15R)

Sci

Jun 58

65,913

Application of Chromatography to the Investigation
of High Molecular Weight Fractions of Petroleum,
by L. D. Melikadze, T. A. Elyava, 22 pp.

RUSSIAN, per, Trudy Inst Khim. Ak Nauk Gruzinako
SSE, Vol XIII, 1957, pp 145-164. CIA 9049637

ACSIL Tr 1324

DATE: 11/11/57

Sci - Chem

SU+60-23801

122,506

Aug 60

NLL 11/11/57

Request translation check 23-10-2 BT69-8-197T

Mechanism of reduction of nitrobenzene with various
cata;usts

V Shmonina

Tr. Inst. Khim. Nauk Kaz. SSR, 7, 1961, 38-53

In process as

NT-24-435-69

4 Nov 69

Investigation of the Oxidative Ammonolysis
of Some Monalkylbenzenes, by

A. D. Kagarlitskiy,

RUSSIAN, per, Trudy Inst. Khim. Nauk Ak
Nauk Kazakhskoi SSR, Vol VII, 1961,

pp 57-67.

NLL KTS 3447

(On Loan or Purchase)

Sci-Phys

Apr 67

324,027

Methods of Preparation of Electrodes for Electro-
chemical Measurements, by V. G. Bunzhe.

RUSSIAN, per, Tr Inst Khim AN SSR, No 12, 1964,
pp 157-159.

NLL Ref: 9022.401 (746-107)

Sci/Chem

Mar 70

401,877

A Necessary and Sufficient Condition
of One Optimum Problem for a Linear
Differential Equation with Delay, by
I. A. Ozhiganova, 12 pp.

RUSSIAN, per, Trudy Institut Khim-
icheskogo Mashinostroyeniya. "Kom-
pleksnaya Avtomatizatsiya Khimiches-
kikh Proizvodstv, Vol 25, pp 172-180.
9697515

FTD-TT-65-450

Sci-Phys
Aug 65

287,065

Studying the Effect of Additions to
Polycaprolactam "B" on Antifriction
Properties and Adhesion to Metal, by
D. S. Makhmudov, A. N. Levin, 11 pp.
RUSSIAN, per, Trudy Inst Khim Mashin,
Vol XXVII, 1964, pp 194-200. 9699072
FTD-TT-65-986

Sci - M/H
Feb 66

296,364

Hydrogenation of Acetylene to Ethylene, by
N. I. Shebeglov, D. V. Sokolskiy. UNCL

RUSSIAN, per, Tr Inta Khim Nauk Kazakh SSR,
Vol II, 1958, pp 150-157.

DSIR LIU M.933

(loan)

Sci - Chem

Mar 60

111,133

62-18071

Solomin, A. V., Suvorov, B. V., and Rafikov, S. R.
OXIDATION OF ORGANIC COMPOUNDS. XVI. IN-
FLUENCE OF THE SIDE CHAIN STRUCTURE ON
THE VAPOR-PHASE OXIDATION OF MONOALKYL-
BENZENES IN THE PRESENCE OF VANADIUM
CATALYSTS. [1962] 10p. 4 refs.
Order from OTS or SLA \$1.10

62-18071

Trans. of Akad[emiya] Nauk Kazakh[skoi] SSR [Alma
Ata]. Inst[itut] Khim[icheskikh] Nauk. Trudy, 1958,
v. 2, p. 182-187.

DESCRIPTORS: *Organic compounds, Oxidation, *Ben-
zenes, Toluenes, Cumenes, Styrenes, Vapors, *Vana-
dium catalysts, Molecular structure, Alkyl radicals.

The vapor-phase oxidation of toluene, ethylbenzene,
cumene, styrene and α -methylstyrene by moist air
over different mixed vanadium catalysts was studied.
(Chemistry-Organic, TT, v. 8, no. 10)

I. Solomin, A. V.
II. Suvorov, B. V.
III. Rafikov, S. R.
IV. Title: Influence ...

Office of Technical Services

61-15926

Kir'yakov, G. Z. and Baynlyctova, F. K.
THE EFFECT OF SOME METAL ION IMPURITIES
ON HIGH CATHODE DENSITY PROCESSES IN
ELECTROLYSIS OF ZINC SULPHATE SOLUTIONS
(O Vliyani Primesey Ionov Nekotorykh Metallor na
Katodnyye Protseesy pri Elektrolize Rastvorov
Sernokislode Tsinka v Usloviyakh Vysokikh Plotnostey
Teka). Feb 61 [8]p. 6 refs. RTS 1689.
Order from LC or SLA ml\$1.80, ph\$1.80 61-15926

Trans. of Akademiya Nauk Kazakhskoy SSR, Alma
Ata, Inst[itut] Khim[icheskikh] Nauk, Trudy, 1958,
v. 3, p. 64-71.

151992

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

- I. Zinc sulfates--Electrolysis
- I. Kir'yakov, G. Z.
- II. Baynlyctova, F. K.
- III. RTS-1689
- IV. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

Kir'yakov, G. Z., Baynlyctova, P. K., and
Vakhidov, R. S.
THE ROLE OF MANGANESE IN THE ELECTRO-
DEPOSITION OF ZINC (Rol' Mangansa v Protseesse
Elektroosazhdeniya Tsinka). Jan 61 [14]p. 34 refs.
RTS 1690.
Order from LC or SLA ml\$2.40, ph\$3.30 61-15701

Trans. of Akademiya Nauk Kazakhskoy SSR, Alma
Ata. Institut Khimicheskikh Nauk. (Trudy) 1958,
v. 3, p. 72-81.

151967

NAL RTS 2127

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

61-15701

1. Zinc--Electrodeposition
2. Manganese--Chemical effects

- I. Kir'yakov, G. Z.
- II. Baynlyctova, P. K.
- III. Vakhidov, R. S.
- IV. RTS-1690
- V. Department of Scientific and Industrial Research (Q. Brk.)

Office of Technical Services

TT-65-13821

Field 7C

Suvorov, B. V.; Rafikov, S. R.; Kagarlitskii, A. D.;
Sablrova, A. A.; Svetasheva, V. A.
THE OXIDATION OF ORGANIC COMPOUNDS, REPT,
NO. 33. THE OXIDATIVE AMMONOLYSIS OF A MIXTURE
OF p- AND m-XYLENES. 10p, 19refs.
Order from SLA: \$1.10 as TT-65-13821

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma Ata,
Institut Khimicheskikh Nauk. Trudy, v8 p109-14 1962.

I. Title: Oxidative ...

MR 666

Investigation of the Process of Catalyzed
Crystallization by the Method of
Combination Light Diffusion Spectra,
by Ya. S. Bobovich, 8 pp.
RUSSIAN, per, Trudy Inst Khimii Silikatov,
Ak Nauk SSSR, Vol III, No 1, 1963,
pp 87-90. 9699418
FTD-TT-65-689

Sci - M/M
Mar 66

296,417

Thermodynamic Analysis of Equilibrium in the
Niobium-Oxygen-Carbon System, by G. P. Shveikin,
8 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Khim. Ural
Filial, No 2, 1958, pp 45-49.

AEC Tr-4303

Sci
Aug 61

163,774

Intermediate Niobium Compounds in the Reduction of
Niobium Pentoxide With Carbon, by G. P. Shveikin, 8 pp.

RUSSIAN, For, Trudy Ak Nauk SSSR, Inst Khim, Urul
Fizik., No 2, 1958, pp 51-58.

* AEC Tr-4304

Sci
Aug 61

163,775

Kinetics of Niobium Pentoxide Reduction by
Carbon Under Vacuum, by G. P. Shveikin, 6 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst Khim,
Ural Filial, No 2, 1950, pp 57-62.

AEC Tr-4305

Sci
Aug 61

163,777

Polyster-Based Plasticizers for Nitrile Rub-
bers, by S. S. Spasskiy and N. A. Obolonskaya,
et al,

RUSSIAN, per, Trudy Instituta Khimii, Akademiya
Nauk SSSR, Ural'skiy Filial, No 3, 1959,
pp 33-41,

CFSTI TT 66-51116

Sci-Materials

Oct 66

313,056

An Investigation of the Interaction of Melts
of the Sulfates of Sodium, Potassium, Magnesium
and Calcium, by S. M. Makimov, N. I. Krylova,
A. G. Bergman, 22 pp.

RUSSIAN, per, Trudy Inst Khim Ak Nauk Uzbek SSR,
No 2, 1949, pp 94-112.

ABC UCRL-Trens-568(L)

Sci - Chem
24 Feb 61

141,068

Fluorescence of Organic Compounds, by
L. D. Melikadze, 36 pp.

RUSSIAN, per, Trudy Inst Khim Im P. G. Melikishvili,
Ak Nauk Gruz SSR, Vol XVI, 1962, pp 31-50.

CIA/FDD XX-1581
NO FOREIGN DISSEM

Sci
Oct 64
USIB Internal Use Only

267,708

The Shubnikov Group 1651, by N. Balov, N. Nedorova,
T. Smirnova, 45 pp.

RUSSIAN, per, Trudy Inst Kharist Ak Nauk SSSR, No 11,
1955, pp 33-67.

SLA R-1456

JUL 58

69, 949

Investigations of Control Processes
in Living Organisms and Ways of Creating
New Cybernetic Systems, by M. A. Khvedelidze.
RUSSIAN, per, Trudy Instituta Kibernetiki,
AN URSSR, 1963, Vol 1, pp 169-190.
*PFD-WT-66-66

MT-

Sci-BRM
Jul 66

A New Method of Solving the Problem of Linear
Programming, by K. L. Yushchenko, 7 pp.
UKRAINIAN, per, Trudy Inst Kibernetich Obch
Matemat i Tezh, Ak Nauk Ukrain RSR, 1963,
pp 40-44. 7896730
FTD-TT-64-1144

Sci - Phys
May 65

280,434

Kinetics of Decomposition of Decamine- μ -
Peroxodicobalti Salts in the Presence of
Activated Carbon, by I. M. Rzibel, I. B.
Khakhan, 9 pp.

RUSSIAN, per, Trudy Kishinevskogo Sel'-
skhokhoyazychnogo Instituta imeni M. V.
Frunze, Vol 26, 1962, pp 17-24. F911145867
AEC ANL Tr-429

324,429

Sci - Chemistry
May 67

On Dictyocaulosis in Horses, by R. S.
Chobotar'ov.
RUSSIAN, per, Trudy Kiev. Vet. Inst., Vol
1, No 1, 1938, pp. 27-30.
NLL Ref: RTS 4902

Sci-B&M
July 69

387,476

Methods and Apparatus for Testing Wattmeters Over
the Audio-Frequency Range, by A. Ya. Bezikovich,
V. S. Popov.

RUSSIAN, per, Trudy Institutov Komiteta Standartov,
No 39, 1960, pp 130-142.

NLL RTS 1701

OTS 11-10728

Sci - Electron

Nov 61

174, 419

Investigations of Pictor Formant Gages, by
M. K. Zhekhovskiy.

RUSSIAN, per. Trudy Institutov Komiteta Standartov;
No 66 (106), 1960, pp 5-29.

NLE REC 1986
SIA 63-24272-

Sci - Eng

Aug 61

207,558

Correction of Elston Pressure Gauges Recalibrated
by the Influence of High Pressure, by M. K.
Zheleznovskiy.

RUSSIAN, per, Trudy Institutov Komiteta Standartov,
No 46 (206), 1966, pp 30-42.

ALL KRS 1967

Sci - Engr

201,559

Aug 62

Investigation of the Sources of
the Influence Caused by Distortions, by
A. R. Samoilov.

ISSUED FOR THE Institutov Kozhicheskoye
1966 (1966), 1966, pp 43-54.

NLI RTS 1988

to: Engv

to: [illegible]

207,579

HIGH PRESSURE PISTON GAUGES, BY V. N.
RAZUMIKHIN, ET AL.

RUSSIAN, PER, TRUDY INSTITUTOV KOMITETA
STANDARTOV, NO 46, 1960, PP 55-61.

ALL RTS 1989

SCI - ENGR

JUN 62

~~199,905~~
199,959

~~XXM~~ A STUDY OF SOME PROPERTIES OF MANGANIN
RESISTANCE GAUGES UP TO 10000 KG/CM², BY
E. V. ZOLOTYKH, ET AL.

RUSSIAN, PER, TRUDY INSTITUTOV KOMITETA
STANDARTOV, NO 46, 1960, PP 62-67.

NLL RTS 1990

SCI - ENGR

JUN 62

~~199,960~~
199,960

A THERMODYNAMIC METHOD OF MEASURING SUPER-
PRESSURES, BY M. K. ZHOKHOVSKIY.

RUSSIAN, PER, TRUDY INSTITUTOV KOMITETA
STANDARTOV, NO 46, -1960, PP 68-80.

NLL RTS 1991

SCI - ENGR

JUN 62

~~XX199,961X~~
199,961

Effect of Pressures Up to 5,000 kg/cm² on the
Viscosity of Liquids, by E. V. Zolotykh.

RUSSIAN, per, Trudy Institutov Komiteta Standartov,
No 46 (106), 1960, pp 81-95.

HLL RFS 1992

Sci - Phys

Aug 62

207, 207

A Piezostatic Method for Measuring Liquid
Viscosities at Pressures up to 5 000 kg/cm²,
M. I. N. Kozmukhin.

U.S.S.R. Jour. Study Institutov Kvaliteta Standartov,
No 46 (106), 1974, no 96-106.

ALL RTS 1993

Sci - Eng

Eng 42

207,580

GENERAL PURPOSE EQUIPMENT USED IN HIGH
PRESSURE EXPERIMENTS, BY V. A. BORZUNOV.

RUSSIAN, PER, TRUDY INSTITUTOV KOMITETA
STANDARTOV, NO 46, 1960, PP 107-116.

NLL RTS 1994

SCI - ENGR

JUN 62

XXX199,9⁶2

S-364/64

Standard DC Automatic Thermistor Bridge, by
L. M. Zaks. (SF-3189)

RUSSIAN, per, Trudy Issledovaniya kv Oblasti
Radiotekhnicheskikh Izmereniy (~~Trudy Institutov
Komiteta~~) (~~Vsesoyuznyy Nauchno-Issledovatel'skiy
Institut Fiziko-Tekhnicheskikh Izmereniy~~),
Vol XLVIII, No 108, 1960, pp 7-23.

*JPRS

Sci - Engr
May 64

S-365/64

Analysis of the Errors of a Microcalorimeter With
Circulating Liquid, by V. I. Pronenko. (SF-3189)

RUSSIAN, per, Trudy Issledovaniya v Oblasti
Radiotekhnicheskikh Izmereniy (Trudy Institutov
Komiteta) (Vsesoyuznyy Nauchno-Issledovatel'skiy
Institut Fiziko-Tekhnicheskikh Izmereniy), Vol XLVIII,
No 108, 1960, pp 24-41.

*JPRS

Sci - Engineering
May 64

Research in Fields of Radiotechnical Measurements.

RUSSIAN, per, Trudy Inst Komiteta. Vses Nauchno-
Issled Inst Fiz-Tekh i Radio Izmereniy, Standartgiz,
No 65(125), 1962, 85 pp.

*FTD-MT-64-6

Sci - Engr
Jan 64

Avotina, M. P. and Ostromukhova, G. P.
AN INSTALLATION FOR THE ABSOLUTE MEASURE-
MENT IN ROENTGENS OF X-RADIATION IN THE
20-60 KV RANGE (Ustanovka dlya Absolyutnykh Iz-
merenii v Rentgenakh Rentenovskogo Izlucheniya ot 20
do 60 Kv). [1962] [12]p. 12 refs.
Order from OTS or SLA \$1.60 62-23691

Trans. of Komitet Standartov, Mer i Izmeritel'nykh
Priborov. Trudy Institutov Komiteta (USSR) 1961,
no. 55(115) p. 35-41.

DESCRIPTORS: *X-rays, Electron tubes, *Dosage,
*Dose rate, Measurement, *Ionization chambers.

(Nuclear Physics--Instruments, TT, v. 8, no. 5)

62-23691

- I. Avotina, M. P.
- II. Ostromukhova, G. P.
- III. Research International
Associates, Washington,
D. C.

Office of Technical Services

Balon, Z. P. and Maksimova, M. P.
NATIONAL ROENTGENOMETRIC STANDARD
INSTALLATIONS AND THEIR COLLATION
(Etalonnye Natsionalnye Rentgenometricheskie
Ustanovki i Slicheniya Ikh). [1962] 18p. 16 refs.
Order from OTS or SLA \$1.60 62-23692

Trans. of Komitet Standartov, Mer i Izmertitel'nykh
Priborov. Trudy Institutov Komiteta (USSR) 1961,
no. 55(115) p. 42-54.

DESCRIPTORS: *X-ray laboratories, Test equip-
ment, *Radiation instruments, Standardization.

This article presents an outline of standard
roentgenometric installations in a number of
countries (the USSR, the United States, Great Britain,
Sweden, France and others), also the results of
collation. (Author)

(Physics, TT, v. 8, no. 10)

62-23692

I. Balon, Z. P.
II. Maksimova, M. P.
III. Research International
Associates,
Washington, D. C.

Office of Technical Services

62-23690

Aglintsev, K. K. and Ostromukhova, G. P.
ROENTGEN READINGS IN THE γ -RADIATION
RANGE, WITH QUANTUM ENERGY OF 0.25-3 MEV
(Vosproizvedenie Rentgena v Oblast γ -Izlucheniya s
Energiei Kvantov 0,25 - 3 Mev). [1962] [18]p. 20 refs.
Order from OIS or SLA \$1.60 62-23690

Trans. of Komitet Standartov, Mer i Izmeritel'nykh
Priborov. Trudy Institutov Komiteta (USSR) 1961,
no. 55(115) p. 55-65.

DESCRIPTORS: *Sulfur, Beta particles, *Cobalt,
Gamma rays, *Radioactivity, Measurement, Dose
rate.

As a result of measurements of β -radiation of S^{35} and
 γ -radiation of Co^{60} , it has been shown that the cor-
responding currents of saturation arising in chambers
with pressures up to 20 atm, can be calculated by the
(Nuclear Physics--Radioactivity, TT, v. 8, no. 8)
(over)

I. Aglintsev, K. K.
II. Ostromukhova, G. P.
III. Research International
Associates, Washington,
D. C.

Office of Technical Services

62-23689

Aglintsev, K. K., Maksimova, M. P., and Uryaev, I. A.

ON THE SPECTRUM METHOD FOR THE DETERMINATION OF DOSES FROM BETA-PARTICLE RADIATORS (O Spektralnom Metode Opredecheniya Doz ot Izluchatelei). [1962] [14]p. 9 refs.

Order from OTS or SLA \$1.60

62-23689

Trans. of Komitet Standartov, Mer i Izmeritel'nykh Priborov. Trudy Institutov Komiteta (USSR) 1961, no. 55(115) p. 90-97.

DESCRIPTORS: *Beta particles, Sources, Dose rate, Determination, *Dosimeters, *Beta ray spectrometers, *Scintillation counters, Stilbene, Crystals, *Electrons, Distribution.

This article surveys a method for the determination of doses from flat β - radiators, based on the knowledge of the spectral distribution of the electrons. For the (Nuclear Physics--Instruments, TT, v. 8, no. 3)

(over)

- I. Aglintsev, K. K.
- II. Maksimova, M. P.
- III. Uryaev, I. A.
- IV. Research International Associates, Washington, D. C.

Office of Technical Services

R-7414-D

22 August 66

Experimental Determination of the light equivalent
of A Radiant Force

By: V. Ye. Kartashevskaya

From: Komitet Standartov Mer i Izmeritel'nykh Priborov.

Issledovaniia i oblasti opticheskikh izmerenii i
ismerenii luchistoi energii. Trudy

V 56(116) 1961, pp 36-46

(11 pp)

Russian - est for wds:

Translate and type 1 original copy only.

Do not cut or paste-up the figures, but make a figure
appendix at the end.

S-363/64

A New Method of Temperature Compensation for
Superhigh Frequency Thermistors for Power Measure-
ments, by L. M. Zaks, et al. (SF-3127)

RUSSIAN, per, Trudy Komitet Standartov Mer i
Izmeritel'nykh Priborov, Vol LXV, No 125,
1962, pp 13-20.

*JPRS

Sci - Elec
apr 64

Expansion of the Frequency Limit of
Applicability of High-Frequency
Permeameters, by A. L. Grokhol'skiy, et al.
RUSSIAN, per, Trudy Institutov Komiteta,
No 72, (132), 1963, pp 53-58.
*FTD-MT-65-408

Sci-Elect
Sep 65

Investigation of a Apparatus for the
Determination of a Curve of Magnetization
of Electrotechnical Steel in Low Fields,
by A. Z. Veksler, N. V. Pen'kov.

RUSSIAN, per, Trudy Institutov Komiteta,
No 72 (132), 1963, 59-72.

*FD-11F-65-408

Sci-Elect

Sep 65

New Highly Sensitive Ballistic Method
to Test Ferromagnetic Materials, by
P. N. Gorunov.
RUSSIAN, per, Trudy Institutov Komiteta,
No 72 (152), 1963, pp 73-84.
*FTD-IT-65-408

Sci-Elect
Sep 63

Using a Quartz Magnometer in Controlling
Helmholtz, by I. G. Mekhei.
RUSSIAN, per, Trudy Institutov Komiteta,
No 72 (132), 1963, pp 85-93.
*FTB-MI-65-408

Sci-Elect
Sep 65

Electron Gaussmeter HG-1 Based on the
Use of the Hall Effect, by V. F. Vitkovskiy,
E. A. Sokolova.
RUSSIAN, per, Trudy Institutov Komiteta,
No 72 (132), 1963, pp 94-100.
*FTD-MT-65-408

sci-Elect
Sep 65

International Unit System in the
Practice of Magnetic Measurements,
by E. N. Cheburina.
RUSSIAN, per, Trudy Institutov
Komiteta, No 72, (152), 1965, pp 5-16.
*FTD-MT-65-408

Sci-4/3
Sep 65

Ferrite-Transistorized Frequency Dividers for
Quartz Clocks, by S. V. Shustrov.
RUSSIAN par, Trudy Inst Komiteta, Gosudarstvennyy
Komitet Standartov Ser I Izmeritel'nykh Priborov,
No 77(137), 1962. 1965 pp 33-36
*FTD-HT-23-1394-67

Sci-Elec
Apr 68

Machine Recognition of Handwritten Numbers, by
V. A. Trusfus, et al.
RUSSIAN, per, Trudy Kazanskogo Aviatsionnogo
Instituta. Radiotekhnika i Elektronika Kazan,
to 88, 1964, pp 80-86.
*FTS-7-23-1075-67

Sci/Electronics
Nov 67

Calculation of Thermal Conditions of Roller Bearings of Gas-Turbine Engines, by V.M. Demidovich,
15 pp.
RUSSIAN, per. Trudy Kazan. Aviatsionny Institut,
No 66, 1961, pp 49-62. 9700917
FTD-MT-65-32

Sci/Engr
Aug 66

306,208

Utilization of the Theory of Similitude in the
Analysis of Oil Flow in the Passages of Gas
Turbine Engine Bearings, by V. M. Demidovich.
RUSSIAN, per, Trudy, Kazan, Aviatsionnyy institut.
Aviatsionnyye dvigateli, No 76, 1963, pp 63-73.
*ITD-RT-24-116-68

Sci/Aeron
May 68

Foam Formation Upon Oxidation of Paraffin
in Bubbling Towers, and in a Continuous
Action Foam Oxidizer, by V. V. Nesmelov,
O. V. Maninov.

RUSSIAN, per, Trudy Khimiko-Teknologicheskii
Institut Kazan, No 26, 1959, pp 15-18.
SIA TT-66-10613.

Sci-Chem
Jul 66

303,907