

Strelkov, M. I., Kryzhanovskaya, I. A. and others.  
KONTINUIERLICHES VERFAHREN ZUR AUFBEREITUNG VON ROHMISCHUNGEN ALS GRUNDLAGE EINES VOLLAUTOMATISCHEN ZEMENTWERKES (Continuous Process at the Preparation of Raw Mixtures as Basis of a Fully Automatic Cement Factory), 9p. (text in German).  
Order from T.I.B. \$1.55

Trans. of T'sement (USSR) 1960, v. 26, no. 5, p. 14-18.

DESCRIPTORS: \*Cements, Mixtures, Preparation.

62-27012

- I. Strelkov, M. I.
- II. Kryzhanovskaya, I. A.
- III. T.I.B.
- IV. Technische Informationsbibliothek Hannover.

Office of Technical Services

Denyakin, Z. A. and Kabanov, V. S.  
FEINMAHLUNG VON KREIDE-TON-SCHLAMM IM  
DURCHFLOSSDESINTEGRATOR (Fine Grinding of  
Chalk-clay Slurries in Disintegrators). 5p. (text in  
German).  
Order from T.I.B. \$1.40

Trans. of Tsement (USSR) 1960, v. 26, no. 5,  
p. 22-24.

DESCRIPTORS: \*Milling machines. Clays.

62-27015

- I. Denyakin, Z. A.
- II. Kabanov, V. S.
- III. T.I.B.
- IV. Technische Informations-  
bibliothek Hannover

Office of Technical Services

Toropov, N. A. and Volkonskii, B. V.  
POLYMORPHIC TRANSFORMATION OF  $3\text{CaO} \cdot \text{SiO}_2$   
AND THE INFLUENCE OF FERROUS OXIDE ON  
 $3\text{CaO} \cdot \text{SiO}_2$  AND OTHER CLINKER MINERALS  
(Polimorfnye Prevrashcheniya  $3\text{CaO}/\text{SiO}_2$  i Vliyaniye  
Zakisl Zheleza na  $3\text{CaO} \cdot \text{SiO}_2$  i Drugie Klinkerneye  
Mineraly) tr. by G. N. Gibson. Mar 61 [6]p. 7 refs.  
DSIR Library Communication no. 1041.  
Order from OTS or SLA \$1.10

61-27055

Trans. of Tsement (USSR) 1960, v. 26, no. 6, p. 17-20.

DESCRIPTORS: Calcium compounds, \*Silicates,  
\*Cements, Minerals, Crystal structure, Polymorphism  
Transformations, Iron compounds, Oxides.

Experiments show that tricalcium silicate exists in two  
modifications. The transition to the high-temperature  
modification takes place at  $1375^\circ\text{C}$ . The time required  
for the disintegration of tricalcium silicate to free cal-  
cium oxide and dicalcium silicate, at  $1900^\circ\text{C}$ , is about

61-27055

- I. Toropov, N. A.
- II. Volkonskii, B. V.
- III. LC-1041
- IV. Department of Scientific  
and Industrial Research  
(Gt. Brit.)

NLL M.4044

180617

Office of Technical Services

Bogdanova, I. V.  
PHOTOMETRISCHE BESTIMMUNG DES KALZIUM-  
GEHALTES IN ZEMENTROHMISCHUNGEN UND  
KLINKER UNTER VERWENDUNG VON  
KOMPLEXONEN (Photogrammetrical Analysis of the  
Calcium Content in Cement Raw Mixtures and Clinkers  
by using Complexons). 9p. (text in German).  
Order from T.I.B. \$1.55

Trans. of ~~Esment~~ (USSR) 1960, v. 26, no. 6,  
p. 27-29.

DESCRIPTORS: \*Cement, \*Chemical analysis, Photo-  
meters, \*Calcium, Laurates.

62-27033

I. Bogdanova, I. V.  
II. T.I.B.  
III. Technische Informations-  
bibliothek Hannover

Office of Technical Services

On the Hydration of the Aluminas-Containing Minerals of Portland Cement in the Presence of Micro-Admixtures of Carbonates, by P. P. Budnikov, et al.

RUSSIAN, per, Tsment, Vol XXVII, No 1, 1961, pp 5-9.

NLL M. 4769

Sci - Chem

*204,835*

Jul 62

(NY-2800/24).

Measures to Accelerate Cement Industry Development,

RUSSIAN, per, Tsement, No 2, Mar/Apr 1961,  
~~isumb page.~~

\*JPRS

USSR

Econ - Construction

26 May 61

Dependence of the Binding Properties of the  
Clinker Minerals on Their Burning Temperature and  
Crystal Structure, by Yu. M. Butt, V. V. Timashov.

RUSSIAN, por, Tsement, Vol XXVII, No 2, 1961,  
pp 17-22.

ILL. M. 4768

Sci - Phys

Jul 62

204,838

61-20554

Moroz, I. K. and Satarin, V. I.  
BRIEF REVIEW OF THE CEMENT INDUSTRY IN  
THE UNITED STATES. [1961] 7p.  
Order from OTS or SLA \$1.10

61-20554

I. Moroz, I. K.  
II. Satarin, V. I.

Trans. of Cement (USSR) 1961 [v. 27] no. 2, p. 29-31.

DESCRIPTORS: \*Cements, Production, Construction  
materials industry.

(Materials, TT, v. 7, no. 7)

Office of Technical Services



NY-2800

A NEW STAGE IN THE DEVELOPMENT OF THE  
CEMENT INDUSTRY, 5 PP.

RUSSIAN, PER, TSEMENT, NO 3, MAY/JUN 1961,  
PP 2, 3.

JPRS 10331

USSR

ECON  
NO

172,333

*Nov 61*

63-20309

Krykhin, G. S., Pirotaki, V. Z., and Royak, S. M.  
EFFECT OF WATER ADDED AT THE MILL ON  
THE CLINKER GRINDING PROCESS. [1963] 12p  
Order from OTS or SLA \$1.60 63-20309

- I. Title: Clinker
- I. Krykhin, G. S.
- II. Pirotaki, V. Z.
- III. Royak, S. M.

Trans. of Tsement (USSR) 1961, v. 27, no. 3, p. 4-8.

DESCRIPTORS: \*Cements, Milling machines,  
\*Moisture, Temperature, Mechanical properties.

Test results are given of the effect of mill performance  
of an addition of a water-air mixture to the last grinding  
compartment of the mill, and of the temperature of  
the clinker entering the mill. (Author)

(Materials, TT, v. 10, no. 12)

Office of Technical Services

(NY-2800)

FOR ANOTHER UPSURGE IN THE CEMENT INDUSTRY,  
BY Z. I. LOGINOV, 7 PP.

RUSSIAN, PER, TSEMENT, NO 5, 1961,  
PP 3-5.

JPRS 12349

USSR  
ECON  
FEB 62

182,203

(NY-2800)

The Need to Change the Current Prices of Cement,  
by A. I. Lyusov, 7 pp.

RUSSIAN, per, Tsment, No 6, Nov/Dec 1961,  
pp 17-19.

JF18 12673

USSR  
Econ  
Mar 62

183, 410

(NY-2800)

Cement Industry in the Fourth Year of the  
Seven-year Plan, 4 pp.

RUSSIAN, par, Tsment, No 1, Jan/Feb 1962,  
pp 1, 2.

JPRS 13673

USBR  
Recon  
May 62

193, 478

(NY-2600)

Broadening the Variety and Improving the  
Quality of Cement, by I. I. Erolin, 7 pp.

RUSSIAN, per, Tsment, No 1, Jan/Feb 1962,  
pp 3-5.

JPRS 13873

USSR  
Econ  
May 62

193, 479

Determination of Slag and Gypsum in Cement by the  
Thermographic Method, by N. S. Zavgorodniy.

RUSSIAN, per, Tsment, No 2, 1962, pp 13-15.

MLL RTS 226A (*Loon*)

Sol - M/M  
Feb 64

248,276

Nelidov, V.A.  
PERFECTIONNEMENT DE LA METHODE DE DÉTER-  
MINATION DE LA SURFACE SPECIFIQUE DES POU-  
DRES (Usovershenstvovanie Metoda Opredeleniya Udel-  
noi Poverkhnosti Poroshkov)( An Improvement in the  
Method for Determining the Specific Surface of Dusts).  
13p.(Foreign text included) 4refs. GR-829  
Order from OTS, ETC or CNRS \$0.80 TT-63-26918

Trans. in French of Tsement (USSR) 1962, v. 28, no. 2,  
p.15-17.

DESCRIPTORS: \*Particles, Atmosphere, \*Surface area  
Measurement.

(Chemistry--Organic, TT, v. 11, no. 7)

TT-63-26918

- I. Nelidov, V.A.,
- II. CNRS-GR-829
- III. Centre National de la Recher --  
che Scientifique, Paris

Office of Technical Services  
European Translations Centre



)NY-1840)

INTRODUCING THE COMPLEX AUTOMATION  
OF CEMENT PRODUCTION, BY N. V. GONEBNIK,  
A. F. RYBAKOV, 7 PP.

RUSSIAN, PER, TSEMENT, NO 3, MAY/JUN 1962,  
PP 1-3.

JPRS 14930

USSR  
ECON

210,290

Automatic Control in the Burning of Clinker,  
by I. K. Zadyuzhko, A. V. Loshchinskaya.

RUSSIAN, per, Tsement, Vol XXVIII, No 3,  
1962, pp 3-7.

NLL RTS 2352  
(loan copy)

Jul 64

63-10207

Sychev, M. M. and Astakhova, M. A.  
EFFECT OF FINENESS OF THE LIMESTONE COM-  
PONENT ON THE BURNABILITY OF CEMENT RAW  
MIXES. [1959] 6p. (figs.omitted) 1 ref.  
Order from OTS or SLA \$1.10

63-10207

I. Sychev, M. M.  
II. Astakhova, M. A.

Trans. of Tsement (USSR) 1962 [v. 28] no. 3, p. 12-14.

DESCRIPTORS: \*Cements, Mixtures, Combustion,  
Calcium compounds, Carbonates, \*Calcite, \*Marble,  
Particles.

(Materials, TT, v. 10, no. 2)

Office of Technical Services

FOR A MODEL ORGANIZATION OF REPAIR SERVICES IN THE  
CEMENT INDUSTRY, 7 PP.

RUSSIAN, PER, TSEMENT, NO 4, JUL/AUG 1962, PP 1, 2.

JPRS 15372

USSR  
ECON  
OCT 62

213,529

EXPLOIT THE POTENTIAL FOR INCREASING CEMENT  
PRODUCTION, 7 PP.

RUSSIAN, PER, TSEMENT, NO 6, NOV-DEC 1962, PP 1-2.

JPRS 18149

USSR  
ECON  
MAR 63

225,517

THE GROWTH OF THE CEMENT INDUSTRY BETWEEN ~~1963~~  
1963 AND 1965, 6 PP

RUSSIAN, PER, TSEMENT, NO 1, 1963, PP L-2

JPRS 19004

USSR

ECON  
MAY 63

230,040

REDUCING LABOR EXPENDITURES AT THE BOL'SHEVIK  
CEMENT PLANT, BY V. V. TRUSOV, 6 PP

RUSSIAN, PER, TSEMENT, NO 1, 1963, PP 4-6

JPRS 19004

USSR  
ECON  
MAY 63

230,041

WAYS TO REDUCE THE MANUFACTURING COST OF CEMENT,  
7 PP.

RUSSIAN, PER, TSEMENT, NO 2, 1963, PP 1-2.

JPRS 20500

USSR  
ECON  
AUG 63

238,491



SOME SOURCES FOR INCREASING CEMENT PRODUCTION, BY  
G. M. BATEKHIN, 5 PP.

RUSSIAN, PER, TSEMENT, NO 3, 1963, MAY, PP 5, 6

JPRS 21468

USSR  
ECON  
OCT 63

346,482

AUTOMATION OF CEMENT PLANTS IN THE USSR, 8 PP.

RUSSIAN, PER, TSEMENT, NO 4, JUL-AUG 1963, PP 1, 2.

JPRS 21914

USSR  
ECON  
NOV 63

242,314

Cement Production in the USSR, by V. I. Satarin,  
7 pp.  
RUSSIAN, per, Tsement, No 6, Nov-Dec 1963, pp 1, 2.  
JPRS 24158

USSR  
Econ  
Apr 64

254, 397

Rising Cement Production and Consumer Needs Call  
for Further Specialization of Plants, by  
A. N. Lyusov, 8 pp.  
RUSSIAN, per, Tsement, No 6, Nov-Dec 1963, pp 4, 5.  
JPRS 24158

USSR  
Econ  
Apr 64

254, 398

Automatisk Kontroll Och Reglering Vid Vat-  
malning AV Ramaterial, by Ya. E. Gelfand.  
RUSSIAN, per, ~~SSSODDXXX~~ Tsement, Vol 29,  
No 6, 1963, p 12.  
ETC TT-65-20022

Sci-Chem  
Aug 66

308,460

Tasks of the Cement Industry in the Accelerated  
Growth of Chemical Industry, 6 pp.  
RUSSIAN, per, Tsement, No 1, Jan-Feb 1964,  
pp -1-3.  
JPRS 24588

USSR  
Econ  
May 64

259, 521

For Reduced Manufacturing Losses in the  
Cement Industry, 5 pp.  
RUSSIAN, per, Tsement, No 2, Mar, Apr 1964,  
pp 1, 2.  
JPRS 25716

USSR  
Econ  
Aug 64

264,496

Cement Plant Production is Below Full Capacity,  
by I. K. Moroz, 6 pp.  
RUSSIAN, per, Tsement, No 3, May, Jun 1964, pp 1, 2.  
JPRS 27061

USSR  
Econ  
Dec 64

270,175



For Improved Capital Investment Procedures in the  
Cement Industry, by L. Yu. Astanskiy, ~~et al.~~  
Ya. A. Rekitar, et al, 8 pp.  
RUSSIAN, per, Tsement, No 3, May, Jun 1964, pp 15, 16.  
JPRS 27061

USSR  
Econ  
Dec 64

270,176

Quality of Cement, 6 pp.

RUSSIAN, per, Tsement, No 4, Jul/Aug 1964,  
pp 1-2.

JPRS 27300

USSR  
Econ  
Jan 65

271,560

Common Industries of the Ukraine in the Second  
Plan, by G. M. Boklanov, 51 pp.

RUSSIAN, *lit. tsimentnaya promishlennost' Ukrainy*  
*Sankt-Peterburg, 1900, pp 1-60.*

JPRS 11/16

USSR

*180, 382*

Econ

Jan 62

R-1798

Cement

RUSSIAN, bk, Tsementy i Tonkomolotyye Dobavki Postroyech  
nogo Izgotovlenniya, Chap I, Chap D7, pp 5-12, 78-80

R-1798

(DC-1551)

Excerpts From: Cement and Fine Ground Admixtures  
Manufactured at Construction Sites, by V. I.  
Soroker, A. N. Popov, 23 pp.

RUSSIAN, monograph, Tsementy i Tonkomoletyye,  
Dobavki Postroyechnogo, Moscow, 1950, pp 5-12,  
78-90.

US JPRS/DC-L-458

USSR

Econ - Bldg Materials industry

66,895

Price and Value in a Socialist Economy,  
by D. D. Kondrashev, 177 pp.  
RUSSIAN, bk, Tsena i Stoimost' Sotsialisticheskoy  
Khozyaystve, Moscow, 1963, pp 3-245/  
JPRS 25346

USSR  
Econ  
Jul 64

263,633

no- 1105  
25 Sep 65

Controlled Prices and Price Fixing in the USSR  
by G. D. Stolyarov, pp Introduction, 203-5, Chap I:  
part I pp 12-20; part II: 1, 2, 3: 221-23; Chap IV:  
parts 1, 2, 3, pp 86-111, 127-177, Chap VI pp 192-216,  
in *Statisticheskii Sbornik Gosstatiznitsy SSSR, Moscow, 1963*

Handwritten

US 2/100

F.O. 10 Oct 65

Incl. all figures, tables.

books do not utilize.

*Handwritten initials*

(FDD 27105)

Prices for the Installation of Equipment, Communi-  
cations and Signaling, 274 pp.

RUSSIAN, price list, *Tsennik na Montazh Oborudova-*  
*niya Svyazi i Signalizatsiya, Moscow, 1971, pp 3-159.*

USSR

CIA/FDD U-8441

38,056

Spec - Communications



Price Determination in the USSR, by Lazar'  
Moiseyevich Kantor, 181 pp.  
RUSSIAN, bk, Tseno-obrasovaniye v SSSR, 1964,  
pp. 3-181.  
JPRS 34385

USSR  
Econ  
Mar 66

296,705



(DC-6799)

CENTRALIZED CONTROL OF TECHNOLOGICAL PROCESSES,  
BY I. M. SHENBROT, 165 PP.

RUSSIAN, BK, TSENTRALIZOVANNYY KONTROL'  
TEKHNOLIGICHESKIKH PROTSESSOV, NO 40,  
1961, 97 PP.

JPRS 14389

SCI - ENGR  
JUL 62

202,447

The Central Arctic, by V. Kh. Byrnitskiy, 39 pp.

~~RUSSIAN~~ RUSSIAN, bk, Tsentral Arktika, Leningrad  
1949. CIA D 197033 *CIA 9014623*

*T-39RU*

American Meteorological Society  
for Geophysics Research Directorate  
Available: ASPIA, Knott Bldg.  
Dayton, Ohio

Scientific - Geophysics  
Feb 56 GTS

*31,029*

*SKIT TO 1-855*

(DC-3259)

Central Asia Physical Geography Handbook, by V. M. Sinityn, 229 pp.

RUSSIAN, bk, ~~Tsentral'naya Aziya~~, 1959, pp 3-11, 43-122, 151-254, 276-309, 368-425, 448, 449.

JPRS 3420

FE - China, Mongolia

Geographic

Jun 60

120, 102

Measuring Pulsating Pressures With the Aid of Membrane  
Transducers, by Yu. G. Zakharov, 21 pp.  
RUSSIAN, per, Tsentral'nyy Aero-Gidro Inst Promy  
Aerodinamika, Iz Vozdushnykh Potokov, No 19, 1960,  
pp 9-20. 9692050  
FTD-TT-63-737

Sci - Biol & Med Sci  
Apr 64

253,426

Rotating Stall in Axial Compressor, by  
G. A. Borisov, Ye. A. Lokshtanov.  
RUSSIAN, per, Tsentral'nyy Aero-Gidrodinamicheskiy  
Inst Prom Aerodinamika Lopatochnyye Mash i Tech  
v Kanalakh, No 24, 1962, pp 35-47.  
\*FTD-MT-64-438

Sci  
Oct 64

Effects of Radial and Peripheral Nonuniformity of  
Flow on the Characteristics of the Stages of an  
Axial Compressor, by A. S. Ginevskiy,

A. I. Morozov.

RUSSIAN, per, Tsentral'nyy Aero-Gidrodinamicheskiy  
Inst Prom Aerod Lopatochnyye Mash i Tech v  
Kanalakh, 1963, pp 63-73.

\*FTD-MT-64-438

Sci

Oct 64



Reducing Aerodynamic Resistance Holes with  
Annular Ribs and Recesses, by V. I. Khanzhonkov,  
24 pp.

RUSSIAN, per, Tsentral'nyy Aero-Gidrodinami-  
cheskiy Institut Ineni Prof. N. Ye. Zhukovskogo.

"Promyshlennaya Aerodinamika". Sbornik No 12.

Ventilyatory i Vozdukhoprovody, Gosudarstvennoye  
Isdatel'stvo Oboronnoy Promyshlennosti, No 12,  
1959, pp 181-196. P100337767

FTD-HT-66-371

Sci-Physics  
Jan 68

346,475

Experimental Investigation of Two One-Stage  
Compressors in a Wide Range of Reynolds  
Numbers, by S. A. Dovzhik, 26 pp.

RUSSIAN, per, Tsentral Aero-Gidrod Inst imeni  
Zhukovskogo. From Aero Osvyye Dozvukovyye  
Kom Statsionarnogo Tipa. No. 20, Moscow, 1961,  
pp 57-75. 9668192

FTD-TT-62-1750

Sci-Engr  
Apr 63

227,073

On Motion of Fluid in Boundary Layer from the  
Intersection of Two Planes, by L. G. Loytianskiy,  
V. P. Bolshakov, 27 pp.

<sup>TS</sup>  
RUSSIAN, Central AeroHydrodynamical Institute,  
Transaction Rpt 270, 1936, pp 3-18.

NACA TM 1308  
Sci Mus Lib No 52/0129

Scientific - Mathematics

15,885

Approximate Hydrodynamic Design of a Finite Span  
Hydrofoil, By A. N. Vladimirov, 68 pp.

~~RUSSIAN~~, ~~1937~~, Central Aero-Hydrodynamical Institute,  
~~Sept.~~ 311, 1937.

*No*

HACA TM 1341

USSR  
Sci - Aeronautics

*25,807*

Motion of a Cylinder Under the Surface of a Heavy Fluid  
by I. N. Sretensky

*ТСЕНТРЪ НА ГИДРО ДИНАМИКА*

RUSSIAN, C.A.S.I. Rep., Moscow, 346, 3-27 pp., 1933.

NACA Washington, Tr No 1335

Scientific - Engineering

*581*

**INDEX**  
Index -Aeronautics

Calculation of the Lateral-Dynamic Stability of Aircraft, by A. Raikh, 82 pp.

Full translation.

<sup>TS</sup>  
RUSSIAN, Central Aero-Hydrodynamical Institute,  
Transactions, No 453, 1939.

NACA TM 1264

Sci - Aero

DEK

Clear Air Turbulence in Jet Streams, by  
A. A. Reshchikova, 20 pp.  
RUSSIAN, per, Tsentral'naya Aerolog Obser.  
No 54, 1964,  
Dept of Navy Tr 5202/ONI Tr 2314

Sci - Space Tech  
Mar 67

320,572

A Method for Measuring the Vertical Velocity  
of An Aircraft in the Entire Frequency Spectrum  
of Its Variation, by L. A. Fakhomov, 22 pp.  
RUSSIAN, per, Tsentral'naya Aerologicheskaya  
Observatoriya. Trudy, No 55, 1964, pp 3-17.  
F100340767  
FTD-MT-66-26

Sci-Aeronautics  
Jan 68

346,477



The Main Soil Subtypes of the Forest  
Zone in the European USSR, by  
A. A. Zavalishin, 63 pp.  
RUSSIAN per, Tsentral Nazoi Poch im.  
V. V. Dokuchaeva Akad Nauk SSSR,  
Collection No 1, Moskva-Leningrad,  
1954, pp 100-159.  
OTN-TT 65-50066

Sci-Agri  
May 65

278,739

About Abrasive Properties of Steel  
Erosion Products During Electrospark  
Processing, by N. V. Afanas'yev,  
A. G. Goloveyko, 7 pp.  
RUSSIAN, per, Tsentral'naya Nauchno-  
Issled Labor Elek Obrab Metallov,  
Elek Obrab Metallov, Ak Nauk SSSR, 1963,  
pp 134-138. 9698241  
FTD-TT-65-451

Sci - M/M  
Jan 66

291,986

Caterpillar Track Cranes, Hoisting, Hauling and Special Machinery for Construction and Installation Work; A Catalogue-Handbook, No 2, by L. I. Kozlovskiy, et al.

RUSSIAN, bk, Tsentral'nyy Institut Nauchno-Tekhnicheskoy Informatsii po Avtomatizatsii i Mashinostroeniysbii Gosudarstvennogo Komitea po Avtomatizatsii i Mashinostroeniy pri Gosplane SSSR, 1963, 227 pp.

\*FTD-TT-64-150

Sci - Engr Feb 64

CR-231/63

(SEE SUN CHING-CHIH)

ECONOMIC GEOGRAPHY of  
A Central China, by Sun' Tszin-Chzhi, <sup>A</sup> (SF-2749)

RUSSIAN, bk, Tsentral'nyy Kitay, Moscow, 1961,  
pp 1-437.

~~JPRS~~ CANCELLED

Far East - China  
Geog - Central China  
Jul 63

Duplicate of  
JPRS 2227-N  
Translated from  
the original Chinese  
Book.

Effect of Titanium, Aluminum, Carbon, and Boron  
on the Structure and Phase Composition of a  
Nickel-Base Alloy, by G. S. Chernyak and A. V.  
Smirnova, et al, 17 pp.

RUSSIAN, per, Tsentral'nyy Nauchno-Issledo-  
vatel'skiy Institut Chernoy Metallurgiy, Svor-  
nik Trudov, No 38, 1964, pp 51-65. P100145366  
FTD-TR-65-1412

Sci-C<sup>4</sup> en  
Feb 68

318.211

Technical Operation of the Merchant Marine, No. 15-16.  
P. I. Strumpe (Editor in Chief)  
RUSSIAN, rpt, TsNIIMF: Tsentral'nyy Nauchno-Issled  
Institute Morskogo Flota, 1963, pp 4-135.  
NAV/NIC-Tr-3162-71

Mar 71

Pilot Identification Instruments, by R. P.  
Bibichkova and R. P. Daitriyev,  
RUSSIAN, per, Tsentral'nyy Nauchno-Issledovat-  
el'skiy Institut Morskogo Flota, Informatsio-  
nyy Sbornik, No 79, 1962, pp 31-39. PI00142266  
FTD-MT-65-35

Sci-Aerms  
Feb 67

318,237

The Effect of Sea Roughness on Radar Visivility  
of Small Ships, by I. D. Demin,  
RUSSIAN, per, Tsentral'nyy Nauchno-Issledovat-  
el'skiy Institut Morskogo Flota, Informatsion-  
nyy Sbornik, No 79, pp 56-63, 1962, P100142266  
FTD-MT-63-35

Sci-  
Feb 67

318,238



Automatic Processing of Information Received  
from Pulse Navigation Systems with the Aid of  
Electronic Digital Techniques, by V.A. Zhilin,  
13 pp.

RUSSIAN, per, Tsentral'nyy Nauchno-Issledovatel'-  
skiy Institut Morskogo Flota. Trudy. "Vychis-  
litel'naya Tekhnika i Avtomatizatsiya na  
Morskoy Flote", No 51, 1963, pp 55-68.

P100134168-V

FTD-HT-67-378

Sci-Navigation, Communications,  
Detection & Countermeasures  
July 68

360,717

Vibration of Tall Buildings, by I. L. Korchinskiy,  
17 pp.

RUSSIAN, rpt, Tsentral'nyy Nauchno-Issledovatel'skiy  
Institut Proryablennykh Sooruzheniy, 1953.

Earthquake Eng Res Inst  
465 California Street  
San Francisco 4, California

Sci - Geophysics

Nov 60

TH  
1095  
.E1

131, 259

A General Outline of the Work of TsNIITMASH  
(Central Scientific Research Institute for  
Technology and Engineering).

RUSSIAN, bk, Tsentral'nyy Nauchno-Issledovatel-  
skiy Institut Tekhnologii i Mashinostroeniya,  
Moscow, 1959, 79 pp. 9076761, 9076762

BISI 1837

Sci - Engr  
Jun 61

*154,006*

Obtaining a Plane Compression Wave During Electrical Discharge in Water, by M. A. Lyubimova, 6 pp.

AN SSSR. TSENTRAL'NAYA NAUCHNO-ISSLEDOVATEL'SKAYA LABORATORIYA ELEKTRICHESKOY OBRABOTKI METALLOV.

ELEKTROISKROVAYA OBRABOTKA METALLOV, IZD-VO AKADEMIY NAUK SSSR, MOSCOW, 1963, pp 69-72.

AIR/FTD/MT-24-1193-72

Feb 73

U-2018 Sub Jan 1964; Muzhaling Current Main Common on  
Highway Muzhaling, 5 pp.

INFORMATION, newspaper, Central, 1st Year, 1964  
Information, 1964, 1st Year, 1964, 1st Year, 1964,  
1964, 1st Year, 1964

1964-01-03-061

Sci - Elec  
Jan 64

276, 236

(NY-7006)

EXTRACTS FOR THE CENTRAL CHERNOZEM (BLACK  
EARTH) REGION, BY K. V. DOLGOPOLOV, 227 PP.

RUSSIAN, BK, TSENTRAL'NO-CHERNOZEMNY RAYON,  
1961.

JPRS 13847

USSR  
GEOGR  
MAY 62

197,331

Brochures on Electronic Computers and  
Instruments, 142 pp.

RUSSIAN, bk, Tsentral'noye Byuro Tekhnicheskoy  
Informatsii, Moscow, pp 70. 9662696

ATIC MCL-407/1

Sci - Electron

Jul 61

159,521

Vinylplastic.

RUSSIAN, pamphlet, Tsentral'noye Byuro Tekhnicheskoy  
Informatsii Mashinostroyeniya, pp 1-3.

\*ATIC

*Sci - Min/met*

May 61

C-923

*11*

*Sk*



# 16

(DC-4022).

Soviet Aerosol Investigations, by S. A.  
Prechistenskiy, 10 pp.

RUSSIAN, monograph, Tsentrifugirovaniye Aerozole  
v TsRP, 1960, pp 3-10, 142.

JPRS 6039

Sci - Phys  
Oct 60

127,999

The Centrifugal Separation of Coal.

RUSSIAN, par, Tsentrobeshnoye Obozhasheniye  
Uglyn, 1956, p 22.

*d*  
DSIR ILLU M.953

(loan)

Sci - Min/Int  
Apr 60

112,689

63-22669

Khinchin, A. Ya.  
CONTINUED FRACTIONS 3D ED. 1963, 115p  
Order from Scripta Technica, Inc., 1000 Vermont  
Ave., N. W., Washington, 3, D. C.

Trans. of mono. [Труды Дро], 3d ed., Moscow,  
111p].

DESCRIPTORS: \*Continued fractions, Measure  
theory.

(Mathematics, TT, v. 10, no. 12)

I. Khinchin, A. Ya.  
II. Scripta Technica, Inc.,  
Washington, D. C.

Stechet Hafnor  
Service Agency  
INC,

Office of Technical Services

Parts of Machines, Acherkan, N.S., et al

RUSSIAN, bk, Tsepnyye Peredachi, pp 443-460, 255, 270  
366-386, 699-715

\*ERDL

Sci - Eng  
Jul 61

Determination of the Velocity Constants of the Reaction of Hydrogen Atoms With Hydrocarbons at Increased Temperatures, by N. N. Tikhomirova, V. V. Voyevodskiy, 13 pp.

RUSSIAN, bk, Tsennyye Reaktsii Okisleniya Uglevodородов v Gazovoy Faze, Moscow, 1955, pp 172-186, Encl to IR 1023-57, AFON-1A1.

AF 1071268

44,068

Sci - Chemistry, physics  
Feb 1957 CIS

IR-29/62

Tsesis, by A. Anspak, ~~XXXXXXXXXX~~

RUSSIAN, blt, Tsesis, 1960, pp 26-32.

6 JPRS NY 7014

USSR  
Econ  
16 Mar 62

The Digital System of Storing and Retrieving Information,  
by A. F. Belov, A. L. Belous, 44 pp.

RUSSIAN, bk, Tsifrovaya Sistema Nakopleniya i Obrabotki Infor-  
matstsi (AI-2048), 17 Apr 1963, pp 1-37, 52, 100, 101, 109,110,  
and 143.

JPRS 22930

Sci-Phys  
Jan 64

247, 133

( NY-4385 ).

From the Editor, by I. S. Bruk, *2/11*

RUSSIAN, monograph, Tsifrovaya Tekhnika i Vyshislitel'-nyye Ustroystva, 1959, pp 3-4.

\*JPRS *7491*

Sci - Electronics; Engineering

4 Jan 61



(NY-4385)

A 4096-Bamber Ferrite Storage Unit, by Yu. N. Glukhov, V. I. Zolotarevskiy, M. A. Kartsev, V. P. Konstantinov, R. P. Shidlovskiy, 33 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye Ustroystva, 1959, pp 5-27.

JPRS 7491

Sci - Electron

Mar 61

143,900

(NY-4385)

A Checking Device for the Preparation and Tuning  
of a Ferrite Memory, by L. V. Ivanov, Ye. N.  
Filinov, 20 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 28-41.

JPRS 7491

Sci - Electron

Mar 61

148,901

(NY-4385)

Use of a Junction-Transistor Dynamic Trigger in  
Arithmetic-Unit Circuits, by A. H. Chernov, 23 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 42-56.

JPRS 7491

Sol - Electron

Mar 61

143,902

(NY-4385)

The Use of Surface-Barrier Transistors in  
Circuits With Direct Coupling, by N. A.  
Dorokhova, A. B. Zalkind, 14 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 57-65.

JPRS 7491

Sol - Electron

Mar 61

143,895

(NY-4385)

A Transistorized Digital Frequency Meter,  
by A. I. Zaikind, L. Ya. Chumakov, 12 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 66-73.

JPRS 7191

Sci - Electron

Mar 61

143,896

(NY-4385)

The Investigation of Technological Spread in  
Transistor Parameters, by O. V. Mamontov, 18 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 74-86.

JPRS 7491

Sci - Electron

Mar 61.

143,897

(NY-4385)

On the Instability of the Characteristics and  
Parameters of Transistors, by O. V. Mamontov,  
11 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 87-93.

JPRS 7191

Sci - Electron

Mar 61

143,898

(NY-4385)

The Stability of Electronic Simulator Circuits  
With Direct-Current Amplifiers, by N. N. Lenov,  
3 $\frac{1}{2}$  pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 94-115.

JPRS 7491

Sci - Electron

Mar 61

143,891



(NY-4385)

Solution of Electrical-Engineering Problems on  
Electronic Computers, by Z. E. Golebo,  
18 pp.

RUSSIAN, bk, Teifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 116-127.

JPRS 7491

Sci - Electron

Mar 61

143,892

(NY-4385)

Solution of Electrical-Engineering Problems on  
Electronic Computers, by Z. B. Golebo,  
18 pp.

RUSSIAN, bk, Tsifrovaya Tekhnika i Vychislitel'nyye  
Ustroystva, 1959, pp 116-127.

JPRS 7191

Sci - Electron

Mar 61

143,892