

The Problem of Selecting a Fermentor Design  
for the Sub-Surface Cultivation of Molds, by  
N. M. Sergeeva, 10 pp.

RUSSIAN, rpt, K Voprosu Vybora Konstruktsii  
Fermentatov Dlya Glubinnogo Tyrashchivaniya  
Plesnevyykh Gribov, pp 18-23.

ACSI L-0930  
ID 2191514

Sci - Engr

4 Apr 62

189,725

Concerning the Propagation of a Plasmod in a  
Magnetic Field, by B. G. Safronov, V. P. Goncharenko,  
D. K. Goncharenko, 6 pp.

RUSSIAN, bk, K.Voprosy o Rasprostraneni Plazmenogo  
Sgustki v Magnitnom Pole, 1960. 9094429

AEC Tr-4722

Sci - Phys  
Dec 61

176,802

On the Question of Standardizing  
the Monitoring of Water  
Purity in Nuclear Reactor Loop,  
by B. A. Alekseev.

RUSSIAN, rpt, K Voprosy o Standartizatsii  
Kontrolya nad Chistotoi Vody  
v Konturakh Yadernykh Reaktorov,  
IAE 789, Moscow 1964, 46 pp.

\*AEC

Sci-86 Sci  
Mar 66

Calculation of Radiation in the Units Dimension;  
Steady Flow of a Monoatomic Gas, by V. A. Prokof'ev,  
30 pp.  
RUSSIAN, rpt, K Vopro-Vob Uchete Izlucheniya pri  
Odnomerom Statsionarnom Dvizhennyi Odnatomnogo  
Gaza, Moscow, pp 79-124.  
Navy 3979/ONI 1022

Sci-Phys  
Feb 65

274,217

Selection of Parameters for a Dynamic  
System Universal for a Given Group  
of Maneuvers, by V. V. Tokarev.  
RUSSIAN, rpt, K vyboru parametrov  
dinamicheskoy sistemy, Universal'noy  
dlya Zadannogo Klassa Manevrov.  
NACA TR F-10, 133

Sci-Math  
Jul 66

304,165

R-104-60

(~~SECRET~~ 4328).

Communications Cable, by I. I. Grodnev, B. F. Miller.  
564 pp.  
RUSSIAN, bk, Kabeli Svyazi, 1950, pp 61-350.

→ JPRS 5318

*K. Keenan*

Sci-Tech

29 Jun 60

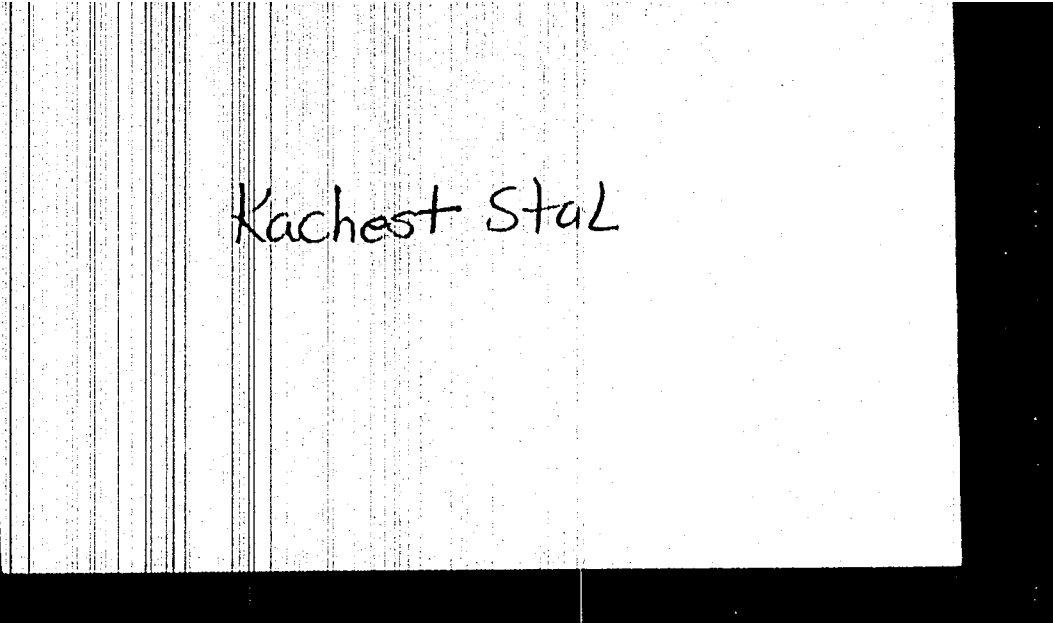
R-227/62

Electric Cables, Conductors, and Flex  
(DC-6907)

RUSSIAN, bk, Kabelik Provoda i Shnury Eletricheskiye,  
Moscow, 1960, pp 221-230

\*JPRS

USSR  
Econ  
June 62



Kachest Stal



Production of Ferromolybdenum Without Electricity,  
by I. Brigolyuk.

RUSSIAN, per, Kachestvennaya Stal, Vol IV, No 2,  
1936.

Brutcher Tr No 1445

16,380

Scientific - Min/Motals

\$1.60

**KOSTOROVICH, I. E.**

**Kachestvennaya Stal, vol. 4, Nos. 8-9, pp. 13-16,  
16 figs., 4 tables, 3500 words; 1936.**

**Isothermal Transformation of Austenite in Alloy  
Steels and Mechanical Properties Produced Thereby.**

**Brutcher, Trans. Order No. 409, \$3.50**

ALIMOV, A. N.  
ET AL

Kachestvennaya Stal, vol. 5, No. 7, pp. 37-40, 8 figs.,  
5 tables, 1800 words; 1937.

Isothermal annealing of tool steels.

Brutcher, Trans. Order No. 457, \$1.80

Influence of Inherent Grain Size and Grain Size  
Developed by Heat Treating Upon the Isothermal Trans-  
formation in Mn-Cr Steel, by I. Kontorovich, ~~AK~~  
S. Bolshakov.

RUSSIAN, per, Kachestvennaya Stal, Vol V, No 7,  
1957.

Butcher Tr No 456

15,786

Scientific - Min/Metals

\$1.90

BORZHIKA, A.

*Russian*

Kachestvennaya Stal, vol. 5, No. 8, 1 figure,  
2 tables, 1900 words; 1937.

Chromium-Manganese-Molybdenum and Chromium-  
Manganese-Tungsten Steels.

Brutcher Trans., Order No. 660, \$1.90

*m/m.*

Qualitative Methods in Mathematical Analysis,  
by L. E. Elsgole.

RUSSIAN, bk, Kachestvennyye Metody Matematicheskoy  
Analize, 1955, 300 pp.

\*AMS

Nov 61.

Electrochemical Methods of Finishing Metallic Surfaces, by G. M. Yakovlev, 3 pp, (AF 1010821).

RUSSIAN, bk, Kachestvo Poverkhnosti i Tochnost' Obrabotki na Metallorezushchikh Stankah, 1956, pp 67, 68.

ATIC F-TS-9101/III

Sci - Engineering  
May 1957 CTS/dex

48,079

Quality of the Surface Layer of Cast Iron After  
Electromechanical Smoothing, by B. M. Askinazi,  
V. G. Alekseyev, 10 p.

RUSSIAN, русск., Kachestvo Poverkhnostnogo Sloya  
Chuguna Posle Elektromekhanicheskogo Sglazhivaniya

BLA 59-17096

Sci  
Mar 60  
Vol 2, No 12

109,176



Blagoveshchenski, S. N.  
THEORY OF SHIP MOTIONS, tr. by Theodor and  
Leonilla Strelkoff. 1962, 2v.  
Order from Dover Publications, Inc., 920 Broadway,  
New York 10, N. Y. \$2.00/vol.

Trans. of mono. [Kachka Korabeli, Moscow, 1954]

DESCRIPTORS: Theory, \*Ships, \*Motion

(Mechanics--Hydrodynamics, TT, v. 9, no. 10)

63-12653

I. Blagoveshchenski, S. N.  
II. Dover Publications, Inc.,  
New York

Office of Technical Services

(10-0541)

How a Picture of the Other Side of the Moon  
Was Obtained, by G. B. Bogatov, 64 pp.

RUSSIAN, booklet, Kak bylo Polucheno  
Izbratnkiye Obratnoy Storony Lunny, 1961,  
pp 1-64.

JPRS 12543

Sci - Space Res  
Mar 62

186, 653

How US Foreign Policy is Made; US Intelligence  
and Foreign Policy, 9 pp.

RUSSIAN, rpt, Kak Delayetsya Vneshnyaya Politika  
SShA.

SP-1163

Jun 66

(DC-6332)

Papers of Dzerzhinskiy on the Cheka, USSR,  
by A. V. Romanov, et al, 44 pp.

RUSSIAN, bk, Kak nam Borot'sya?, 1960.

JPRS 10925

USSR

Pol

Dec 61

175,569

How to Organize the Work in the Primary Dosaaf  
Organization, 41 pp.

RUSSIAN, bk, Kak Organizovat' Rabotu y Peryichnoy  
Organizatsii Dosaaf, Moscow, 1952, Encl to IR  
1552-57, AF CIN-1AT.

AF 1116302

50,759

USSR

Political - Association (DOSAAF), workers,  
members

Aug 57

USSR/Econ/How to make better ~~table~~ milk

C

*Literature*

*3*

Table of Contents, by R. Davidov.

RUSSIAN, Kak poluchit khorosheye moloko, publ by  
Moskovskiy Rabochiy, Moscow, 1949.

OCMG Er  
QMT-31

Dec cts  
UNCLASSIFIED

Give to Branch Engineer Ostacles.

RESEARCH, Mr. Kak Prokolocat Inzhenerovye Zagrazh-  
danym, 1954.

ACS, I, Eurasian Branch  
TK-702

USSR  
Military  
Sci - Engineering  
Aug 1956

37,855

Census Methods in the USSR, by P. Galin, 21 pp.

RUSSIAN, monograph, *Kak Proisvodilis' Ennuy Perepisi  
Naseleniya v SSSR, Minton, 1951.*

US Dept of Commerce  
Bureau of the Census  
Foreign Manpower Research Office (Loan)

46, 221

USSR

Sec -

Oct 1956 CTS/ax



How to Construct Maps, 63 pp.

Full Tr

RUSSIAN, bk, Kak Sozdavat'sya Kar'ta, publ by  
Geodeizdat, 1954, (EDC - May 1956).

500th Mi Sv Gp  
Tr 90459

34,855

USSR  
Geographic  
May 1956

Shilov, G. E. and Natanson, I. P.  
HOW TO CONSTRUCT GRAPHS [AND] SIMPLEST  
MAXIMA AND MINIMA PROBLEMS, 3D ED., tr. by  
Jerome Kristian and others. 1963, 53p.  
Order from Heath Publishing Co., 285 Columbus Ave.,  
Boston, Mass. \$1.50

Trans. of monos. [Kak Stroit' Grafiki, Moscow] 1959  
and [Prostaishe Zadachi na Maksimum i Minimum,  
3d ed., Moscow] 1960.

DESCRIPTORS: \*Graphic analysis, \*Calculus,  
Calculus of variations.

v. 9, no. 11)

63-17049

- I. Shilov, G. E.
- II. Natanson, I. P.
- III. Heath Publishing Co.,  
Boston, Mass.
- IV. Title: Simplest ...
- V. Title: Prostaishe ...

Office of Technical Services

How to Increase Automobile Mileage Before  
Repair, by M. S. Belitsky.

RUSSIAN, booklet, Kak Uvelichit' Probeg  
Avtomobilya do Remonta, 1959.

\*ERDL  
Ft Belvoir  
T-1259

Sci - Engr

Jun 61

J.4750

(DC-2846)

How Religion Came Into Being, by M. S. Butinova,  
16 pp.

RUSSIAN, pamphlet, Kak Voznikla Religiya, Moscow,  
1957, pp 85-101.

JPRS 752-D

USSR

Soc - Religion, Atheism

Jun 59

89,031

How to Protect Yourself From Weapons of Mass  
Destruction, 27 pp.

RUSSIAN, pamphlet, Kak Zashchishchat'sya ot  
Oruzhiya Massovogo Porazheniya, 1962,  
pp 1-32.

JPRS 15589

USSR  
Sec, Mil  
Civil Defense  
Oct 62

215,590

Protection of Grain Products From Radioactive,  
Chemical and Bacterial Substances Discussed,  
by N.Y. L. Averbuch, I. Z. Berlin, 14 pp.  
RUSSIAN, Как Защищать Хлеб и Продукты от  
Радиоактивных, Химических Веществ и  
Бактериальных Средств, Moscow, 1963, pp 26-40.  
JPRS 25250

Sci - Med  
Jul 64

AP 1-47 HCSI I-5766  
ID 2204048464  
263,584

Protecting Food and Water Against Chemical  
Biological Radiological Attack, by V. Ya. Kovalenko,  
59 pp.

RUSSIAN, bt, Kak Zashchitit' Yodu i Provol'styve  
ot Radioaktivnykh, Otravlyayushchikh Veshchestv  
i Bakterial'nykh Sredstv, 1963, Medgiz, Moscow,

3-64.

JPRS 25214

Sci - B & M  
Jul 64

263,590

The Sea Guller, 227 pp.

RUSSIAN, Wk, Kaban, Moscow, 1947.

OTS 61-31057  
PL-480

Sci - Biol  
Jan 63  
PST 021

*Handwritten scribbles*



Most Important Plant Diseases ~~XXX~~ Which Are Prevalent  
in the Central Area of USSR, by M. V. Gorlenko.

RUSSIAN, in Kalendar' prirrody SSSR, Moskva, 1949.  
№ 56-80. 409 1853.

USDA Trans No 155

UCSR

Scientific - Biology, plant, protection

Economic - Agriculture, plant, protection

CALENDAR-HANDBOOK FOR RAILROAD WORKERS:  
1962-1963, 22 PP.

RUSSIAN, HDSIK, KALENDAR'-SPRAVOCHNIK ZHELEZNODOROZHNIKA  
1962-1963.

JPRS 18929

USSR  
ECON  
MAY 63

228,799

Practical Medicine in the USSR, 104 pp.  
RUSSIAN, bk. Kalendar' Vrachia na 1964 god, Moscow,  
1963, pp 133-146, 147-154, 155-165, 166-186,  
334-346, 442-453, 461-472, 473-491, 530-545.  
JPRS 25226

Sci - Med  
Jul 1964

262,635

Different Methods of Solving Space Problems  
in Gas Dynamics, by K. I. Batenko and  
V. V. Rusanov,  
RUSSIAN, rpt, Kalibaniya Giriskopiya Teoriya  
Mekhanizmov, Mekhanika Chid. i Gaza II, Ogo.  
Vsesoiuznyi , Yezd po Teoreticheskiya i  
Prikladnoy Mekahnika, Jan 27 - Feb 5 1964,  
pp 247-262.  
\*NASA TT F-10,827

Mar 67

Absorption of Hydrochloric Acid by Solutions of  
Magnesium Chloride, by A. P. Obukhov, M. N.  
Mikhailov.

RUSSIAN, per, Kalli (USSR), Vol III, 1932, pp  
20-23.

SIA R-3341

Sci

Aug 59

93,547

**Kheteva, Ya. M.**  
**POTASH CHEMISTRY IN THE U.S.S.R. AND ITS**  
**PROSPECTS [1963] 7p.**  
Order from OTS or SLA \$1.10 63-14573

Trans. of Khim (USSR) 1962, no. 1, p. 26-27.

**DESCRIPTORS:** \*Chemical industry, \*Potassium  
compounds, Hydroxides, Chemistry, Industrial  
research.

(Engineering-Chemical, TT, v. 10, no. 4)

63-14573

I. Kheteva, Ya. M.

Office of Technical Services

Obukhov, A. P. and Mikhailov, M. N.  
ACCUMULATION OF HYDROCHLORIC ACID BY  
SOLUTIONS OF MAGNESIUM CHLORIDE. [1964] 13p  
(figs omitted) 7refs  
Order from OTS, SLA, or ETC \$1.60 TT-64-10774

Trans. of Kalit (USSR) 1932, v. 1, no. 3, p. 20-23.  
Another trans. is available from SLA as R-3341.

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

TT-64-10774

- I. Obukhov, A. P.
- II. Mikhailov, M. N.
- III. SLA-R-3341

Office of Technical Services

Preparation of Potassium Nitrate from  
Ammonium Nitrate and Potassium Chloride,  
by S. I. Aronova and Z. N. Lunskaya,  
9 pp.

RUSSIAN, per, Kalii USSR, No 2, 1933, pp  
24-28.

SLA R-2308 (62-18108)

Sci

Aug 58

72,119



Akhunov, E. I. and Vasil'ev, B. B.  
TECHNOLOGICAL COMPUTATIONS FOR EQUILIBRIUM OF SODIUM CHLORIDE AND MAGNESIUM CHLORIDE IN WATER AT ELEVATED TEMPERATURES. [1963] [32p] 1ref  
Order from OTS, SLA, or ETC \$3.60 TT-64-10727

Trans. of Kalii (USSR) 1933, no. 3, p. 19-29.

DESCRIPTORS: \*Sodium compounds, \*Magnesium compounds, \*Chlorides, Chemical equilibrium, \*Lakes, Water, Evaporation.

(Chemistry--Physical, TT, v. 11, no. 10)

TT-64-10727

I. Akhunov, E. I.  
II. Vasil'ev, B. B.

Office of Technical Services

Preparation of Anhydrous Magnesium Chloride by  
Way of the Ammoniate, by V.K.Pershke and S.K.  
Kalinin.

RUSSIAN, pr, Kal11, 1933, no.6, pp.17-21.  
OTS-~~TT-64-18580~~

Chem  
Aug 66

3087,773

Physicochemical Fundamentals for Preparation of  
Complex Potassium Fertilizers. The Polytherm of  
the Tertiary System:  $KCl-NH_4Cl-H_2O$ , by A. G.  
Bergman, L. B. Polyakova, 5 pp.

RUSSIAN, *Tr. Kalii SSSR*, No 7, 1934, pp 32-34.

SLA R-2789

Sci

Jul 59

92, 393

<p>Shcherbakov, I. G. and Yumanova, L. V. THE THEORY OF HYDROLYSIS OF CHLORIDES: THE MINIMUM HYDROLYSIS OF MAGNESIUM CHLORIDE IN THE DRYING OF ITS HYDRATES. [1963] 25p. 12 refs. Order from OTS or SLA \$2.60                      63-18109</p> <p>Trans. of Kalii (USSR) 1934, no. 8, p. 37-43.</p> <p>DESCRIPTORS: *Magnesium compounds, *Chlorides, Hydrolysis, Theory, *Hydrates, Dehydration.</p> <p>(Chemistry--Physical, TT, v. 10, no. 9)</p>	<p>63-18109</p> <p>I. Shcherbakov, I. G. II. Yumanova, L. V. III. Title: Minimum ...</p> <p>Office of Technical Services</p>
--	--

Nikolaev, V. I. and Petrova, E. M.  
OBTAINING BROMINE FROM SYLVINITE MOTHER  
LIQUORS. [1963] 5p. 1 ref.  
Order from OTS or SLA \$1.10 63-14592

Trans. of Kall (USSR) 1935, no. 8, p. 18-19.

DESCRIPTORS: \*Bromine, Preparation, \*Potassium  
compounds, Oxides, Chlorides, Bromides, Solutions.

For abstract see chemical abstracts 30:1188, 1936.

(Chemistry--Inorganic, TT, v. 10, no. 4)

63-14592

1. Title: Sylvinite  
I. Nikolaev, V. I.  
II. Petrova, E. M.

Office of Technical Services

Tension of Water Vapors Over Solutions  
NaCl-KCl-MgCl<sub>2</sub>-H<sub>2</sub>O, by N. I. Khaidukov,  
Z. G. Linetskaya.  
RUSSIAN, per, Kalii, No 8, 1935, pp 36-35.  
Dept of Interior  
ACS E57  
No 179

TT-64-20397

Sci - Chem  
Mar 66

296,421

63-18113

Shcherbakov, I. G. and Shcherbakov, A. A.  
SPRAY DRYING OF MAGNESIUM CHLORIDE SOLUTIONS. [1963] [19p] 6refs  
Order from OTS or SLA \$1.60 63-18113

I. Shcherbakov, I. G.  
II. Shcherbakov, A. A.

Trans. of Khim (USSR) 1935, v. 4, no. 9, p. 16-22.

DESCRIPTORS: \*Driers, \*Magnesium compounds,  
\*Chlorides, Solutions, Dehydration, Hydrolysis,  
Atomization.

(Engineering--Chemical, TT, v. 10, no. 11)

Office of Technical Services

Σ  
The Isotherm of Solubility of the Ternary System, by  
M. I. Ravich, 7 pp.

RUSSIAN, per, Kalid (USBR), Vol X, 1936, pp 33-37.

SLA R-3384

Sci

Aug 59

93,604



The Polytherm of Solubility of Dipotassium Ortho-  
phosphate in Water, by M. I. Ravich, 5 pp.

RUSSIAN, per, Kalii (USSR), No 10, 1936, pp 37-41.  
N

SLA R-3380

Sci

Aug 59

93,605

The Solubility Isotherm of the Ternary System, by L. S.  
Euzg, 14 pp.

RUSSIAN, per, Kal11 (USSR), No 1, 1937, pp 28-36.

SIA R-3385

Sci

Aug 59

93, 579

Investigation of Solubility in the System Ammonia-phosphoric Acid-Water at 50°C, by B. A. Murontsev, 5 pp.

RUSSIAN, <sup>p</sup>per, Kalif (USSR), No 1, 1937, pp 36-39.

SLA R-3381.

Sci

Aug 59

93,600

Quaternary System K O-III - P O-II O, by H. S.  
Dobrowolskaja, A. Y. Zvorykin, 57 pp.

RUSSIAN, per, Kalii (USSR), No 2, 1937, pp 24-28.

SLA R-3383

Sci

Aug 59

93, 583

Isotherm of the Mutual Solubility of Dipotassium Phosphate and Diammonium Phosphate at 0°C, by S. I. Sokolov, 5 pp.

RUSSIAN, per, Kalii (USSR), No 2, 1937, pp 28-32.

SLA R-3379

Sci

Aug 59

93, 611

Crystallographic Study of Solid Phases in the System  
 $K_2CO_3-H_2O$ , by E. E. Burovaya, G. B. Bokis, 3 pp.

RUSSIAN, per, 111 (USSR), No 2, 1937, pp 32-33.

SLA R-3382

Sci

Aug 59

93,581

Tunas and the Tuna Fishery in the Atlantic  
Ocean, by V. Zharov, Yu. Zharnitskiy.  
RUSSIAN, per, Kaliningradskoe Knizhnoe  
Isdatel'stvo, 1964, 182 pp.

Dept of Interior  
Fish and Wildlife Service  
BCF, Bureau of Foreign Fisheries

USBR  
Econ  
Oct 67

342,977

On the Discharge of Alkali Metals in the  
Electrolysis of Carnallite, by I. G. Shcherbakov,  
L. V. Yuzakova, 22 pp.

RUSSIAN, per, Daliy, No 3, 1937, pp 16-23.

Sci. Tr Center  
RT-2249

Scientific - Chemistry  
CIS 70/Jul 55

25, 217



63-18303

Shcherbakov, I. G., Karpachev, S. V. and others.  
THE ELECTROLYTIC EXTRACTION OF MAGNESIUM  
FROM NATURAL CARNALLITE (RESULT OF  
RESEARCHES 1930-31. Paper presented at Mendeleev  
Convention (no. 9). [1963] 30p.  
Order from OTS or SLA \$2.60

63-18303

Trans. of Khim. (USSR) 1963, v. 5, no. 10, p. 19-28.

DESCRIPTORS: \*Material separation, \*Electrolysis,  
\*Magnesium, Electrolytes, Additives, Feasibility  
studies, \*Carnallite.

(Chemistry--Physical, TT, v. 10, no. 11)

I. Shcherbakov, I. G.  
II. Karpachev, S. V.  
III. Title: Mendeleev...

Office of Technical Services

Influence of Temperature and Storage Time  
on the Changes in Food When Kept in the  
Frozen State, by J. Kuprinoff.

RUSSIAN, per, Kaltetechnik, Vol 3, No 3,  
1956, pp 102-107.

CB/147/Fulham

Sci -  
Jul 67

334,317

GEOGRAPHY OF KAMCHATKA, BY YELENA L'IOVNA  
LYUBIMOVA, 191 PP.

RUSSIAN, K BK, KAMCHATKA, FIZIKO-GEOGRAFICHESKIY  
OCHERK, MOSCOW, 1961, PP 1-190.

JPRS 17536

USSR  
~~EEK~~GEOG  
FEB 63

221,548

CR-170/63

Stone, by A. A. Zavarzin, 13 pp.

RUSSIAN, M., Kamen', Moscow, 1961, 50 pp.

JPRS/SF-2664

USSR  
Geographical  
Jun 63

231,663

J-1276/64

Kamo (The Life and Activities of the Professional  
Revolutionary, S. A. Ter-Petrosyan, by L. Shaumyan,  
~~DC-10832~~ 4005.

RUSSIAN, bk, Kamo (Zhizn' i Deyatel'nost' Professional'-  
nogo Revolyutsionera S. A. Ter-Petrosyana, 1959,  
300 pp.

*[Handwritten signature]*  
\*JPRS/SPECIAL/DC-10832

USSR  
Pol 8  
Sept 64

24-Channel System of Frequency Telephony (K-24), by  
A. V. Sheremetev, N. N. Astashkina, 35 pp.  
Full tr

RUSSIAN, bklt, 24-Kanalnaya Sistema Mnogokanalnogo Tele-  
fornirovaniya, Moscow, 1953, 27 pp.

ATTC F-TS-8870/III

Sci - Electronics  
Feb 1957 CTS/dex

44, 456

(FID 27712)

12-Channel System of High Frequency Telephony  
Along Cable Communication Lines, Type K-12),  
225 pp.

~~RUSSIAN, Dr, 12-Kanal'naya Sistema Vysokochastot-  
nogo Telekomiunika tsionnogo Liniiam  
Svyazi (Type K-12), Moscow, 1974, pp 3-162.~~

CIA/RM U-9192

USED

See - Communications  
See 56 OMB

42,185

A 256-Channel Analyzer With Two-Beam Cathode Ray  
Tube and Magnetic Drum Memory Devices, by A. P.  
Tsitovich, 28 pp.

RUSSIAN, bk, 256-Kanal <sup>nyy</sup> Vremennoi Analizator s  
Ustroystvom Pamyati na Dvukhluchevykh Trubkakh i  
Magnitnaya Barabans, 1960. 9094465

AEC Tr-4700

176,798

Sci - Electronics  
Dec 61.



Communications Channels, by H. D. Boayy,  
272 pp.  
RUSSIAN, bk, Kanaly Svyazi, 1963, pp. 1-392.  
JFIS 32369

USSR  
Sci-Electronics  
Oct 65

290,864

On the behaviour of compressed air pressure in  
diesel-engine starting air reservoir and its  
application, by K. Yamane,  
RUSSIAN, per, Kansai zosen kyokai-shi, 1963, No  
110, pp 38  
NLL 9022.065 (2333)

Sci - Int Comb and Other Spec Eng  
Apr 67

325,828

Cylinder-oil flowmeter or marine diesel engines,  
by M. Uehara, et al.  
RUSSIAN, per, Kansai zosen kyokai-shi, 1963, No 111,  
pp 60  
NLI 9022.065 (2339)

Sci - Int Comb and Other Spec Eng  
Apr 67

325,821

Capillary Method of Investigating Microorganisms,  
by E. V. Perfilyev and D. R. Gobe,  
RUSSIAN, bk, Kapillyarnyye Metody Issleniya  
Mikroorganizmov, 1961, pp 213-221, 463-470.  
\*NAGA TT F-10,728

Sci-DM  
Feb 67

3

(DC-6771)

CAPITAL CONSTRUCTION IN THE USSR: A STATISTICAL  
COLLECTION, 378 PP.

~~RUSSIAN, BK, KAPITAL'NOMYE STROITEL'STVO V  
SSSR; STATISTICHESKIY SBORNIK, MOSCOW, 1961,  
200 PP.~~

JPRS 14600

USSR  
ECON  
JUL 62

205,183

ISSE Capital Repair, 43 pp.

RUSSIAN, ms, Kapital'nyy remont, 34 pp.

CIA/FDD/OT-4454

USSR

Econ - Labor consumed, expenditures, funds

Apr 56

33,102

Hygiene of Sheep and Measures for Controlling  
Them in Tajikistan, by V. I. Sychevskaja.

RUSSIAN, per, Karakulovodstvo i Zverovodstvo,  
Vol VI, No 2, 1953, pp 67-70.

Sci Tr Center  
RT-3117

Sci - Biology  
USSR  
Econ - Agriculture  
Jan 1956/CTB No 77

30,528

Host Reservoirs in the Developmental Cycle  
of the Nematode *Filaroides Bronchialis*,  
by A. A. Dubnitskiy.  
RUSSIAN, per, Karak Zver, Vol VIII, No 3,  
1955, pp 51, 52.  
HEW NIH No 4-38-66

Sci - B/M  
May 66

301,376



Course of the Foot-and-Mouth Disease in Sheep  
of Karakul Breed, by N. N. Novak.

RUSSIAN, part, ~~Karaulovodstvo i Kizilovodstvo.~~  
Vol VIII, No 5, Sep/Oct 1955. CIA 901893L

USRA

SLA

54,931

Sci - Medicine  
Nov 57

T/C and bk review  
Titanium Carbide and Other Heat Resistant  
Materials With a Tic Base, by V. N. Yerenenko,  
5 pp.

RUSSIAN, bk, Karbid Titana i Zharostoykiye  
Materialy na Yego Osnove, Kiyev, 1954, 74 pp.

615.6

Head, Lib Sv Sec  
Aif Info Div, Lib Cong

X-Ray Examination of the Orientation of  
Crystallites in Polypropylene Film,

by L. G. Kazaryan, et al.

RUSSIAN, per, Karbot. Vys. Soed., 1963,

pp 267-271.

NLL Ref: 9022.84B 1966 (1266)

Sci-Chem

Aug 66

308,731

Stenosing Coronary Atherosclerosis in Dogs,  
by T. A. Sinityna, et al,  
RUSSIAN, Per, Kardiologiya, Vol 1, 1961,  
pp. 25-39.  
HEG 411 3-32-67  
(Available on Loan)

Sci-389  
Apr 67

324,720

Stenosing Coronary Atherosclerosis  
in Dogs, by T. A. Sinitsyna, K. M. Pozharisskii.  
RUSSIAN, per, Kardiologia, Vol I, Nov-Dec 1961.  
pp 25-30.

\*CFSTI TT 67-51381

NOT FOR PUBLICATION  
CALL CLEARINGHOUSE  
NOT TO BE SOLD BY IPST OR THE CLEARINGHOUS

(NY-6503)

SCIENTIFIC STUDIES ON PROBLEMS OF HYPERTENSIVE  
DISEASE, ATHEROSCLEROSIS, AND CORONARY IN-  
SUFFICIENCY FOR THE PERIOD 1961 -- 1962,  
7 PP.

RUSSIAN, PER, KARDIOLOGIYA, NO 2, MAR/APR  
1961, PP 89-91.

JPRS 12419

SCI - MED  
FEB 62

182,260

(NY-6503)

XII Scientific Session of the Institute of  
Therapy of the Acad Med Sci USSR, by  
G. Ye. Perchikova, 11 pp.

RUSSIAN, par, Kardiologiya, No 3, 1961,  
pp 88-92.

JPRS 12794

Sci - Med  
Mar 62

183,593

(NY-7106)

PHYSICOPHYSIOLOGICAL STUDY OF A HIGH-FREQUENCY  
BALLISTOCARDIOGRAM OF A HEALTHY PERSON, BY  
YE. B. BABSKIY, V. L. KARPMAN, ET AL., 24 PP.

RUSSIAN, PER, KARDIOLOGIYA, VOL 11, NO 1, 1962,  
PP 44-52.

JPRS 14,454

SCI - MED  
JUL 62

202,976



(NY-7106)

ON THE TECHNIQUE OF DYNAMIC VECTORCARDIOGRAPHIC  
INVESTIGATION, BY M. L. MEDVEDEV, 12 PP.

RUSSIAN, PER, KARDIOLOGIYA, VOL 11, NO 1, 1962,  
PP 89-92.

JPRS 14,454

SCI - MED  
JUL 62

202,977

Safonov, Yu. D.

THE DIAGNOSTIC IMPLICATIONS OF THE  
BALLISTOCARDIOGRAM IN CARDIAC ARRHYTHMIAS  
AND CONDUCTION DISTURBANCES IN MITRAL  
STENOSIS AND IN MYOCARDIAL FIBROSIS OF  
ATHEROSCLEROTIC ORIGIN. [1963] [24]p. 23 refs.  
FASEB manuscript no. S 283-2.  
Order from OTS or SLA \$2.60

63-19357

Trans. of Kardiologiya (USSR) 1962, v. 2, no. 2,  
p. 38-44.

DESCRIPTORS: Diagnosis, \*Ballistocardiography,  
\*Arrhythmia, Bioelectronics, \*Heart, Cardiac muscle,  
\*Atherosclerosis, Diseases.

(Biological Sciences--Pathology, TT, v. 10, no. 5)

63-19357

- I. Title: Mitral stenosis
- I. Safonov, Yu. D.
- II. FASEB S-283-2
- III. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Larina, V. S.  
OXYGEN DEFICIENCY IN PATIENTS WITH  
MYOCARDIAL INFARCTION. [1963] [12]p. 9 refs.  
FASEB manuscript no. S 285-2.  
Order from CTS or SLA \$1.60 63-23008

Trans. of Kardiologiya (USSR) 1962, v. 2, no. 2,  
p. 74-76.

DESCRIPTORS: \*Hypoxia, Blood circulation, \*Heart,  
Blood vessels, \*Thrombosis, \*Necrosis, Tissues  
(Biology), Oxygen consumption.

Arterial and venous hypoxemia was observed in  
patients with myocardial infarction at all stages of the  
disease, especially during the acute phase. Half of the  
patients were found to have desaturation of the oxygen-  
carrying capacity of the blood. The arteriovenous  
oxygen difference and the coefficient of oxygen con-  
sumption were abnormally high in half of the patients.  
(Biological Sciences--Pathology, TT, v. 10, no. 7)(over)

63-23008

- I. Larina, V. S.
- II. FASEB S-285-2
- III. Federation of American  
Societies for Experimental  
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services

Some Biochemical Factors in Coronary Insuf-  
ficiency and Their Diagnostic Significance, by  
P. Ye. Lukomakiy, 19 pp.

RUSSIAN, per, Kardiologiyu, No 3, 1962,  
pp 3-16.

JPRS 15624

Sci - Med  
Oct 62

215,617

Some Peculiarities of Geographical Distribution and the Clinical Course of Coronary Atherosclerosis in Hot Climate Conditions in the Fergana Valley, by M. Ya. ~~El~~ Laufer, 8 pp.

RUSSEAN, par, Kardiologiya, No3, 1962,  
pp 64-69.

JPRS 15624

Sci - Med  
Oct 62

215,616

Effect of Ionizing Radiation on the Heart, by  
P. D. Gorizontov, 12 pp.

RUSSIAN, per, Kardiologiya, Vol II, No 4, 1962,  
pp 3-9.

JPRS 15872

Sci - Med

Oct 62

211.960

Vikbert, A. M. and Serebrovskaya, Yu. A.  
LOCALIZATION OF RENIN IN KIDNEYS OF  
HEALTHY PEOPLE AND ANIMALS. Jan/Feb 64,  
Sp. 23refs  
Order from FASEB \$2.00 in Federation Proceedings  
Translation Supplement, 1964, v. 23, no. 1  
(p. T178-T182)

Trans. of Kardiologiya (USSR) 1962, v. 2, no. 4,  
p. 1077.

DESCRIPTORS: \*Renin, Secretion, \*Kidneys, Urine,  
\*Kidney function tests, Animals, Man.

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

TT-64-12541-1 (p. T178-T182)

I. Vikbert, A. M.  
II. Serebrovskaya, Yu. A.  
III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.

Office of Technical Services

Aronov, D. M.  
BLOOD CALCIUM IN ATHEROSCLEROSIS (O  
Sobremennoi Kal'tsiya v Krovi pri Ateroskleroze).  
[1963] [12p] State FASEB Ms no. 8428-3.  
Order from OTS, SLA, or HTC \$1.60 TT-64-13844

Trans. of Khirurgiya (USSR) 1962, v. 2, no. 4,  
p. 42-44.

DESCRIPTORS: \*Atherosclerosis, \*Calcium, \*Blood  
chemistry, \*Calcification.

(Biological Sciences--Pathology, TT, v. 11, no. 8)

TT-64-13844

- I. Aronov, D. M.
- II. FASEB-S-428-3
- III. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- IV. Scripta Technica, Inc.,  
Washington, D. C.

Office of Technical Services



Andreev, L. B. and Bazarenko, N. A.  
AN ANALYSIS OF DISTORTIONS OF THE KINETOCARDIOGRAM ARISING DURING PASSAGE OF THE APICAL IMPULSE THROUGH THE ANTERIOR CHEST WALL, AND A METHOD FOR THEIR ELIMINATION. [1963] [12p] (refs omitted) PASEB manuscript no. S 430-3.

Order from GTS, SLA, or ETC \$1.60      TT-64-1346

Trans. of Kardiologiya (USSR) 1962, v. 2, no. 4, p. 75-78.

DESCRIPTORS: Cardiology, Thorax, \*Electrocardiography, \*Diagnostic agents

(Biological Sciences--Medical Specialties, TT, v. 11, no. 9)

TT-64-1346

- 1. Title: Kinetocardiograms
- I. Andreev, L. B.
- II. Bazarenko, N. A.
- III. PASEB-S-430-3
- IV. Federation of American Societies for Experimental Biology, Washington, D. C.
- V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

PLENARY MEETING OF THE ALL-RUSSIAN SCIENTIFIC SOCIETY  
OF THERAPEUTISTS, BY P. N. YURENEV, I. N. RYBKIN,  
8 pp.

RUSSIAN, PER, KARDIOLOGIYA, NO 4, JUL/AUG 1962,  
PP 91-93.

JPRS 15553

SCI - MEDICINE

OCT 62

212,938

Gebel', G. Ya.

THE MECHANICAL ACTION AND ENERGY METABOLISM OF THE HEART UNDER THE INFLUENCE OF NEUROTROPIC AND ANTIHISTAMINIC DRUGS, I. [1963] [35p] 26refs FASEB manuscript no. S 427-3. Order from OTS, SLA, or ETC \$3.60 TT-64-13411

Trans. of Kardiologiya (USSR) 1962, v. 2, no. 5, p. 18-27.

DESCRIPTORS: Energy, Metabolism, Heart, Drugs, \*Psychotropic agents, Antihistaminics, \*Chlorpromazine, Blood circulation, \*Phenothiazines.

(Biological Sciences--Pharmacology, TT, v. 11, no. 8)

TT-64-13411

1. Title: Pipophen
2. Title: Promethazine
1. Gebel', G. Ya.
- II. FASEB-S-427-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

THE SIGNIFICANCE OF PHONO-, VECTOR- AND  
BALLISTOCARDIOGRAPHY IN THE COMPLEX INVESTIGATION  
OF MITRAL LESIONS OF THE HEART, BY N. P. MALYSHKIN, 3  
5 PP.

RUSSIAN, PER, KARDIOLOGIYA, N VOL 11, NO 5,  
1962, PP 69-70. -

JPRS 17171

SCI - MED

JAN 63

219,627