

17 (SC-T-71-3000) 5 INVESTIGATION OF THE SPECTRA
OF STOCHASTIC OPERATORS ARISING IN LATTICE MODELS
OF A GAS. 6 Minlos, R. A.; Sinay, Ya. G. 10 Translated by Fredric
D. Killebrew (Sandia Labs., Albuquerque, N. Mex.), from 15 Teor.
Mat. Fiz.; 2: No. 2, 230-43(1970). 17 20 24p. 24 Dep. NTIS.

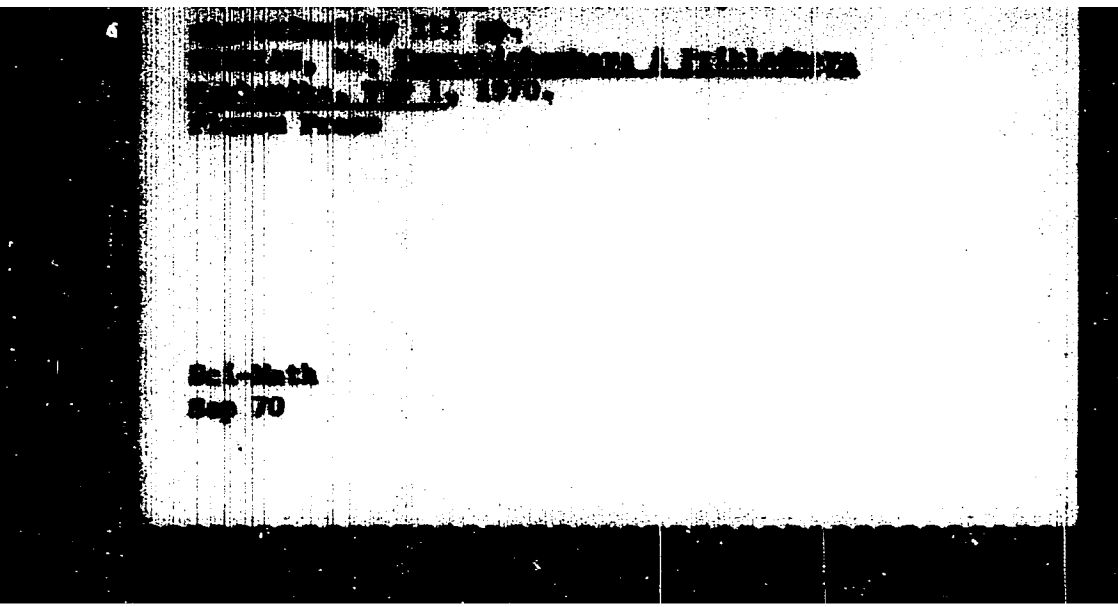
25

26 physics; translations 27 20

28 MN-34 29 P NSA

The Absorption of Light by Two-Band Superconductors,
by N. I. Botman. 21 pp.
RUSSIAN, per, Teoreticheskaya i Matematicheskaya
Fizika, Vol 2, No 3, 1970, pp 383-398.
AIR/FTD-HT-24-52-71

Oct 71



On the Thermodynamics of a Crystal Lattice, by
V. A. Fiskalenko, A. Ye. Marinchuk. 15 pp.
RUSSIAN, rpt, Teoriticheskiye i Eksperimental'nyye
Issledovaniya Fizicheskikh Svoystv Poluprovod-
nikovykh Materialov i Drugikh Kristallov, 1965,
pp 15-26.
AIR/PTD/AF-23-949-68

sci/ physics

The Influence of the Electronic Structure of the Alloying Elements on the Formation of Metallic Solutions, by V. K. Grigorovich, 26 pp.
RUSSIAN, bk, Teoreticheskiye i Eksperimental'nyye Metody Issledovaniya Diagramm Sostoyaniya Metallicheskih Sistem, 1969, pp 7-24.
AIR/FTD/MT-24-938-71

July 72

M. S. Modol'

*Use of high-temperature x-ray diffraction analysis for
studying phase diagrams. 9 pp.*

*RUSSIAN, Teoreticheskiye i eksperimental'nyye metody
issledovaniya diagramm sostoyaniya metallicheskikh
sistem, 1969, pp 246-251*

AIR/FTD-HT-23-1207-71

sept 72

Plotting isothermal diagrams by an X-ray diffraction method, by L. S. Moroz, V. V. Zhukhovskiy. 12 pp.
RUSSIAN, rpt, Teoreticheskiye i eksperimental'nyye metody issledovaniya diagramm sostoyaniya metallicheskikh sistem, 1969, pp 252-259.
AIR/FTD-HT-23-1206-71

apr 72

Theoretical Methods of Investigation of Freezing of Chemical and Electronic Processes in Low-Temperature Plasma Jets, by G. S. Aravin and N. M. Kuznetsov, et al, 9 pp.

RUSSIAN, rpt, Teoreticheskiye Metody Issledovaniya Vaskalki Khimicheskikh i Elektronnykh Protsessov v Nizkoterperaturnykh Plazmennykh Struyakh, 1965, pp 1-9. R100132066
FTD-MT-65-546

Sci-Phys
Feb 67

310,207

TEORETICHESKIE OSNOVY KHIMICHESKOY
TEKHNologii
(Theoretical Foundations of Chemical
Engineering - bimonthly)
Translation begins with 1967
Lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 115.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on oversea subscription

Russ

Calculation of the Compressibility Factor of Gases
and Gas Mixtures on Computers, by A. M. Bogomol'nyi
RUSSIAN, per, Teoret Osnovy Khim Tekhnol, No 2,
No 6, 1968, pp 921-930.
ATS-RJ-5827

April 72

Theoretical Principles of Corrosion and Metal
Protection, by V. V. Skorchelletti.
RUSSIAN, bk, Teoreticheskie Osnovy Korroziy i Zashchity
Metallor, 1973.
*187

Sept 72

Principles of Livestock Breeding, by
A. S. Myakikh. 290 pp.
RUSSIAN, bk, Teoreticheskie osnovy Plodnogo
skota, 1964, 1969.
CITEL TP 68-50331

sci/ b and c
Sept 69

389,840

Theoretical Basis of the Prophylaxis and
Therapy of Disnomal Tumors, by H. I.
Lazarev.

RUSSIAN, bk, Teoreticheskie osnovy profilaktiki
i terapii disnomal'nykh opukholei.

*CB

1st quarter of 1966

May 65

Theoretical Principles of Radar (Selected Parts) 13 pp.
RUSSIAN, Teoreticheskiye Osnovy Radiolokatsii,
1970, pp 479-483; 542-549
AIR/FTD-HT-23-892-72

jan 73

1965

Vladimirov, V.I. K.I. Semenov and
V.N. Zerkinski

Quality of parents and vitality of the progeny at the
early stages of life in some fish species (Kachestvo
roditelei i zhiznesteikost' potomstva na rannikh etapakh
shizni u nekotorykh vidov ryb)
Teoreticheskie osnovy rybov. Moscow: 19-32. In Russian.

Transl. for NML as RTS 5714. 28p.. Typescript.

Avail. on Loan - NREPS, Wash., D.C.

Original Article Checked *MP*

Theoretical Principles of Radioengineering
Statistics, by B. R. Levin. 581 pp.
RUSSIAN, bk, Teoreticheskiye Osnovy Statisticheskoy Radiotekhniki, 1966, pp 1-728.
AIR/ETD/HT-23-1448-67

Sci/Electronics
Feb 69

375,509

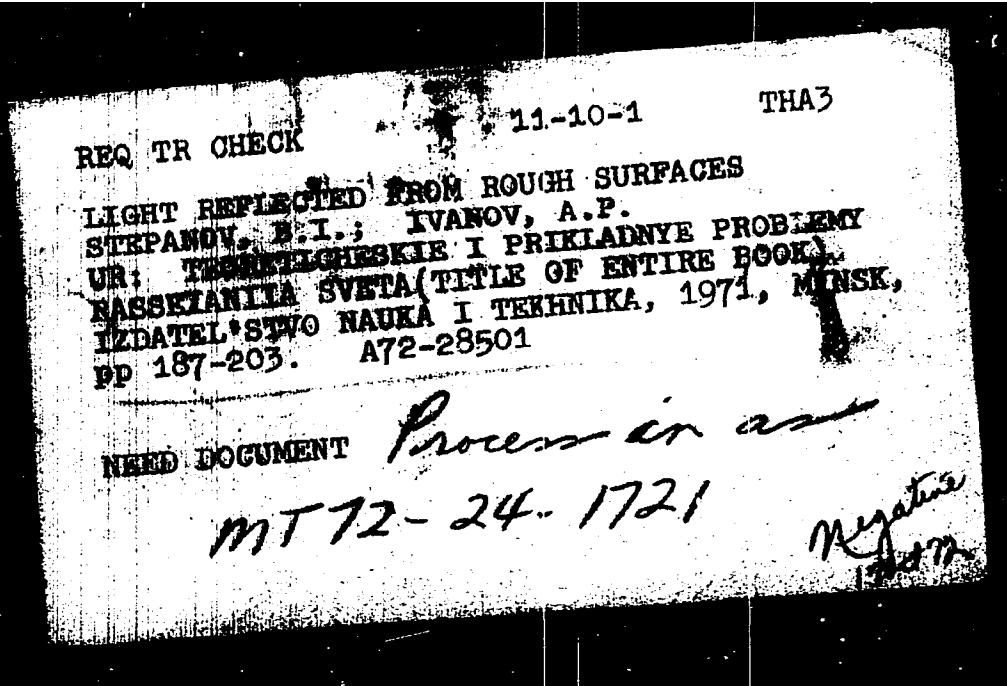
request translation check 8-8-2 BT69-1-1699T

English unk
S V Yemel'yanov
Teoreticheskiye Osnovy Tekhnicheskoy Kibernetiki.
Sistemy Avtomaticheskogo upravleniya s peremennoy
strukturoy. Moskva. Nauka. Glavnaya Fiziko-Matemati-
cheskoy Literatury. 1967, 335 pages

In process

MT-24-381-69

*Negative
8 Sept 69*



Structural Linguistics, by N. D. Arutyunova,
G. A. Klimov. 26 pp.
RUSSIAN, rpt, Teoreticheskiye Problemy Sovetskogo
Yazykoznananiya, 1968, pp 154-170.
AIR/FTD-MT-24-906-71

may 72

Machine Translation, by V. Yu. Rozentsveyg. 31 pp.
RUSSIAN, rpt, Teoreticheskiye Problemy Sovetskogo
Yazykoznaniya, 1968, pp 171-192.
AIR/FTD-MT-24-908-71

may 72

REF ID: A66333 15-9-73 11653

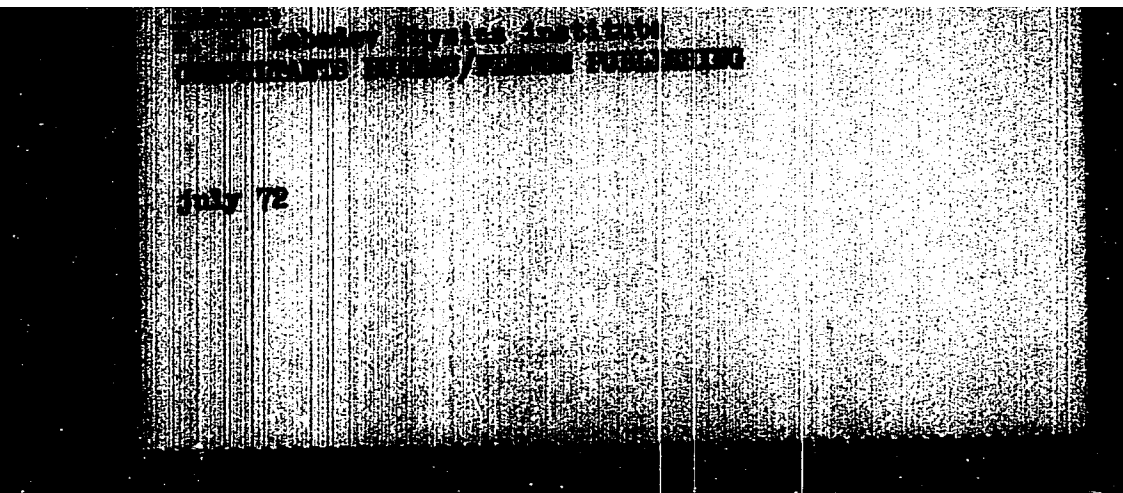
A MODEL OF ZONAL CIRCULATION OF THE
ATMOSPHERE ON A PLANETARY SCALE UP TO AN
ALTITUDE OF 200 KM
BY: B. B. BUGAYEVA I V
IN: TEORETICHESKIY VOPIOSY FIZIKI VERKHNIEY
ATMOSFERY, 1969, nr 81, pp 59-71

In process as
MT-24-71-1653
Negative
July 71

Structural Changes in the Nerve Net and Their
Relation to the Memory Process, by
V. V. Chavcharidze, N. D. Sergeyenko, 15 pp.
RUSSIAN, bk, Teoreticheskiye Voprosy Vioniki,
1966, pp 5-20.
JPRS 48075

Sci-B and M
June 69

383,569



The Theories of Limited Strategic War.

In: The Strategy of Global War, by

G. A. Trofimenko.

RUSSIAN, bk, Teoriya "Ogranichennoy Strategicheskoy

Voyny". In: Strategiya Global'noy Voyny, 1968,

pp 128-145.

***Rand**

USSR/M11

Jan 69

Theory of Algorithms and Discrete Converters,
by V. M. Glushkov.
RUSSIAN, bk, Teoriya Algoritmov i Discretnye
Preobrazovateli, 1968.
Florum Press

Sci/Misc
May 68

Van Fo Ey, G. A.

Theory of reinforced materials with coatings. 232 pp
TEORIYA ARMIROVANNYKH MATERIALOV S POKRYTIYAMI, 1971
ARM/PSTC-ITP-23-2537-72

may 73

Theory of Automates.
By V. G. Sragovich, Agasandyan
RUSSIAN, mono, Teoriya Avtomatov, 1969
*IPST
ETC-69-30601

Sci/Mech
Dec 69

397,543

External Access Language VYa-1 to an Information Reference System, by
V. A. Afanas'yev. 15 pp.
RUSSIAN, per, Seminar. Teoriya Avtomatov i
Metody Formalizovannogo Sinteza Vychislitel'-
nykh Mashin i Sistem, No 3, 1968, pp 3-17.
AIR/FTD/MT-24-21-71

Sept 71

The Optimum Synthesis of Logic Circuits Using
Ornot Elements, by S. V. Novikov. 17 pp.
RUSSIAN, per, Seminar. Teoriya Avtomativ i
Metody Formalizovannogo Sinteza Vychislitel'nykh
Mashin i Sistem, No 3, 1968, pp 59-74.
AIR/FTD/MT-24-20-71

Sept 71

On the Formal Selection of Structures of
Automatic Digital Devices, by V. P. Koryachko
and Yu. M. Koroshunov. 9 pp.

RUSSIAN, per, Seminar. Teoriya Avtomatov i
Metody Formalizovannogo Sintesa Vychislitel'nykh
Mashin i Sistem, No 3, 1968, pp 75-82.

AIR/FTD/MT-24-19-71

Sept 71

The Problem of Reliability of Automatically De-
signed Computers, 1, by Yu. G. Savchenko and
I. V. Safonov. 21 pp.

RUSSIAN, per, Seminar. Teoriya Avtomatov i Metody
Formalizovannogo Sinteza Vychislitel'nykh Mashin
i Sistem, No 3, 1968, pp 83-104.

AIR/FTD-MT-24-10-71

Aug 71

Theory of Bifurcations of Dynamic Systems on a
Plane, by A. A. Andronov, Ye. A. Leontovich, 482 pp.
RUSSIAN, bk, Teoriya Bifurkatsiy Dinamicheskikh
Sistem Na Ploskosti, 1967.

NTIS TT 69-55019

NASA TT F-556

May 71

Theory, Experiment, Practice, by
P. L. Kapitsa.
RUSSIAN, pamphlet, Teoriya, Eksperiment,
Praktika, 1966, pp 1-46.
FDD X 6160

S-534/67

Sci-Misc
Mar 67

321,862

Theory, Experiment of Practice, by
P. L. Kapitsa, 51 pp.
RUSSIAN, bk, Teoriya, Experiment,
Praktika, 1966, pp 1-48.
FED REF 67-17

Sci-Phys
Jul 67

331,409

Electric Fields in the Flow Channels of Magneto-
Hydrodynamic Installations, by A. B. Vatakhin
and S. A. Rogirer.
RUSSIAN, bk, Supplement to Teoriya Elektromag-
nitnogo Ignereniya Raschoda, 1965.
NLL RTS 3615

Sci-Physics
Nov 67

345,334

Theory of Electron Emission From Metal Surfaces, by
A. M. Brodskiy.
RUSSIAN, bk, Teoriya Elektronnoy Emissiy s
Poverkhnosti Metallov, 1973.
*IPST

Nov 72

Theory of the Fermi Gas, by V. V. Tolmachev.
RUSSIAN, bk, Teoriya Fermigaza, 1972.
*JFST

Sept 72

Special Areas of Utilization of the Theory of
Genetic Information and Potentials of Its
Further Development, N. Zhukov-Berezhnikov,

15 pp.

RUSSIAN, bk. Teoriya Geneticheskoy Informatsii.

1966, pp 291-305.

JPRS 42837

Sci-B and M

Oct 67

343,397

Theory of Inertial Navigation. Error Correcting
Systems, by V. D. Andreev, 603 pages.

RUSSIAN, bk, Teoriya Inertsialnoy Navigatsii.
Korrektiruyemye Sistemy, 1967.

CFSTI TT 69-55027

NASA TT F-564

Sci-Navi
Feb 69

Information Theory and Problems of Short-
Range Radar, by I. M. Kogan.

RUSSIAN, bk, Teoriya Informatsiy i
Problemy Blizheney Radiolokatsiy, 1968,
143 pp.

ACSI J-6254

FSTC-HT-23-446-68

Sci-Nav

Apr 69

380,557

Mechanism of Adsorption-Complex Formation Absorption,
by L. S. Alaeksandrova, 12 pp.
RUSSIAN, per, Teoriya Ionnogo Obmena i Kromatografiy,
"Nauka", 1968, pp 231-237. Trudy Vsesoyuznaya Nauchno-
Technicheskaya Konferentsiya, 1965.
ARM/FSTC/HT-23-208-72

Aug 72

S. V. Bayev

Question of relaxation oscillations of a system with
dry friction. 10 pp.

RUSSIAN, per, Teoriya kolebaniy i dinamika mostov,

No 89, 1969, pp 43-50

AIR/FTD-HC-23-9-72

july 72

Theory of Oscillation of the Earth's Atmosphere, by
L. A. Dikiy.
RUSSIAN, bk, Teoriya Kolebaniy Zemnoy Atmosfery, 1969.
*NASA TT F-679
*NTIS TT 71-53152

June 71

The Analysis and Synthesis of Contactless
Multistroke Circuits, by M. Coroi-Nedelcu,
15 pp.

RUSSIAN, per, Teoriya Konechnykh i Veroyat-
nostnykh Avtomatov, 1965, pp 199-210.

P100341267

FTD-MT-66-92

Sci-Electronics and
Electrical Engr.

Jan 68

346,488

Theory of Soil Consolidation, by Yu. K. Zaretskiy, 308 pp
RUSSIAN, bk, Teoriya Konsolidatsiy Gruntov, 1967.
NTIS TT 70-50131

Nov 72

COMPLETED SPECIAL 181 pp

CSO: 91199/72

15 Dec 71

TEORIYA I KONSTRUKTSIYA GIROSKOPICHESKIKH PRIBOROV I
SYSTEM, 1971

Chapt 13, pp 488-504

Chapt 2, (3,4,5,6,7) pp 377-401

Chapt 3 Sect 3.5 pp 142-161

Chapt 12 pp 437-487

Phase Separation Theory and Atomic Tonic Structure of Some Two Component Glasses, 15 pp.

RUSSIAN, bk. Teoriya Liknatsii i Atomno-Ionnaya Stroktura Nekotorykh Dvukhkomponentnykh, 1969.

ACSI-J-9425

FSTC-HT-23-445-71

Aug 71

Theory of Linear Accelerators, by
A. D. Vlasov.
RUSSIAN, bk, Teoriya Lineinykh Uskoritelei,
1965, 240 pp.
CSTI TT 68-50322
AEC-tr-6718
UC-28

Sci-Phys
Apr 69

380,292

Theory of Lubrication in the Turbulent Regime,
by V. N. Constantinescu,
RUSSIAN, bk, Teoria Lubrificatiei in Regim
Turbulent, 1965, 342 pp.
*ABC-tr-6720

Sci-
Nov 66

Theory of Magneto-ordering of Crystals With
Impurities, by Yu. A. Izyumov, N. V. Medvedev.
approx 240 pp.

RUSSIAN, bk, 'Teoriya Magnitoporyadochennykh
Kristallov s Primesyami, 1971.

CONSULTANTS BUREAU/PLENUM PRESS

sci/physics
sept 69

390,861

*The effect of vibration frequency on static friction, by
V. M. Kobelev, Yu. F. Kopelov. 5 pp.
RUSSIAN, per, Tsoriya Mekhanizmov i Mashin, No 5, 1969,
pp 76-78.
AIR/FTD-HT-23-1239-71*

apr 72

S. I. Bol'shakova:

A study of the change in thickness of the oil layer in oil-film bearings in sheet mills. 9 pp.

RUSSIAN, Teoriya Mekhanizmov i Mashin Respublikanskiy Meshvedomstvennyy Nauchno-Tekhnicheskiy Sbornik, No 9, 1970, pp 40-44

AIR/PTD-HT-23-859-72

jan 73

Theory of Mechanisms and Machines (Theory, Example, Graphical Operations), by
Sh. F. Margolin. 515 pp.
RUSSIAN, bk, Teoriya Mekhanizmov i Mashin. Teoriya, Primery, Graficheskiye Raboty, 1968, pp 1-357.
AIR/FTD-HC-23-510-70

Aug 71

Theory of Molecular Excitons, by A. S. Davydov.
RUSSIAN, bk, Teoriya Molekulyarnykh Eksitonov,
1969
PLENUM PRESS

Sci/B&N
Sep 68

366,486

G. S. Tsirama

*A method of synthesis of a digital aggregate of
variable structure. 10 pp.*

RUSSIAN, Teoriya nadezhnosti i massovoye obsluzhivaniye

1969, pp 201-208

AIR/FTD-MT-24-1751-71

sept 72

Lifting Line Theory of a Hydrofoil of
Arbitrary Shape Moving in Shallow Water,
by G. A. Goshev, 12 pp.

RUSSIAN, rpt, Teoriia Nesushcheii Linii
Podvodnogo Kryla Proizvol'noi Formy na
Melkovod'ye, Jan 1966.

Dept of Navy/BuShips Tr No 966

Sci-

Theory of Representation of Surfaces for
Surveyors and Cartographers,
by Franciszek Biernacki.
POLISH, bk, Teoria Odwzorowan Powierzchni
dla Geodetow i Kartografow, Warsaw, 1965.
CFSTI TT 61-11313

Sci - ES
Jun 66

302,329

Theory of Operator Nodes in Hilbert Spaces, by
M. S. Livsic.
RUSSIAN, bk. Teoriya Operatornykh Uzlou v Gil'bertovykh
Prostranstvakh, 1971.
American Mathematical Society

June 72

The Theory of Plasticity, by V.V. Sokolovskiy,
RUSSIAN, bk. Teoriya Plastichonosti, 1969,
pp 3-608.
ACSI-J-9749
FSTC-HT-23-656-71

Oct 01

A. B. Mikhaylovskiy

*Theory of plasma instabilities. Vol I. Instabilities
of homogeneous plasma. 310 pp.*

TEORIYA PLAZMENNUKH NEUSTOYCHIVOSTEY. TOM 1. NEUSTOYCHI-
VOSTI ODNORODNOY PLAZMY, 1970, PP 1-294

AIR/FTD-HC-23-735-72

mar 73

Theory of Plasma Instability, Vol. 1: Instability
of Uniform Plasmas, by A. B. Mikhailovskiy.
RUSSIAN, per, Teoriya Plazmnykh Neustoiichivostei,
T. 1, Neustoiichivosti Odnorodnoi Plazmy, 1970,
approx 400 pp.
CONSULGATES BUREAU/PIENUM PRESS

sci/physics
sept 69

397,997

Theory of Elements, Vol 01. approx 400 pp.
RUSSIAN, by Leonid P. Labadov.
История ЭЛЕМЕНТОВ Института Ил П. Н. Лабодова. 1971
CS/PL/EX/1001

aug 71

Forced Feed As a Means of Estimating Reliability
and Service Life of Hydraulic Machinery and
Assemblies, by A. A. Komarov and
Yu. S. Urbanskiy. 11 pp.
RUSSIAN, rpt, Moscow. Teoriya Pnevmo - I -
Godroprivoda, 1969, pp 198-204.
AIR/FTD/HC-23-349-71

Dec 71

Field Theory, by L. M. Al'Pin.
RUSSIAN, bk, Teoriya Polya, 1966.
Plenum Press

Sci/Phys
May 68

356,633

Theory and Practice of Dust Control in Coal
Mines, by A. I. Keenofontova and A. S. Burcha-
kov, 13 pp.

RUSSIAN, bk, Teoriya i Praktika Bor'by s
Pyl'yu y Ugol'nykh Shakhtakh, 1965.

JPRS 36195

USSR
Sci-Engr
Jul 66

304,658

Change in Performance Capability of Athletes
Under Altitude Condition of Mountains of
Middling Height, by N.I. Volkov, 9 pp.
RUSSIAN, per. Teoriya i Praktika Fizicheskoy
Kul'tury, No 7, pp 43-48.
ACSI-K-2430

June 72

**Energy-Expendng Characteristics (On the
Basis of Gas Exchange) of Sport Exercises
in Men, by I. P. Elokhin, 6 pp.**

**RUSSIAN, per, Teoriya i Praktika Fiziches-
skoy Kul'tury, No 1, Jan 1965, pp. 32-35.
JPRS 30577**

**USSR
Sci-B/M
Jun 65**

281,350

On Problems of Perfecting Coaching Methods
in Competitive Sports, by V. S. Kspitonov,
8 pp.

RUSSIAN, per, Teoriya i Praktika Fizicheskoj
Kul'tury, No 1, Jan 1965, pp. 46-50.

JPRS 30377

USSR

Soc

Jun 65

281,351

Cybernetics and Physical Training, by V. M.
Zatsiorskiy, 43 pp.
RUSSIAN, par, Teoriya i Praktika Fizicheskoy
Kul'tury, No 4, Apr 1965, pp. 12-20 and ibid
No 5, May 1965, pp. 22-30.
JPRS 30754

USSR
Sci-Phys.
Jun 65

282,058

Development of the Scientific Principles of
Soviet Sports (General Theory)*, by L.P.
Matveyev, 14 pp.
RUSSIAN, per, Teoriya i Praktika Fizicheskoy
Kul'tury, Moscow, Dec 67, pp. 5-11.
JPRS 45,053

Sci-Bio. and Med.Sci.
April 68*

355,588

Fifty-Year History of Physical Training in the
Soviet Armed Forces, by A. A. Bratsev and
A. S. Bulatov, 8 pp.
RUSSIAN, per, Teoriya i Praktika Fizicheskoy
Kultury, Feb 1968, pp 2-7.
JPHE 45621

Sci-B&M
July 68

350,872

On Psychological Training of Candidates to the
Soviet Olympic Wrestling Team, by Yu. Ya.
Kiselev and N. Lents, 6 pp.
RUSSIAN, per, Teoriya i Praktika Fizicheskoy
Kultury, Mar 1968, pp 23-25.
JPRS 45621

Sci-B&M
July 68

350,873

Thermal Ignition Regime in a Couette
Flow, by Sh. A. Yerchin, R. P. Rybelova.
RUSSIAN, bk, Teoriya i Praktika
Sobremennaya Gasa. Vol 3, Leningrad, 1967,
pp 234-245.
NASA CR P-11,662

Sci/Phys
Oct 68

369,165

Request translation check 24-10-1 ET69-1-2049T

Velocity and temperature distribution in a system of
plane jets

M A Izyumov and D M Khzmalyan

book: Teoriya i praktika szhiganiya Gaza. IV.

Nauchno tekhnicheskoye obshchestvo energeticheskoy
promyshlennosti. (NTOEP) publisher: NEDRA. Leningrad
1968, pages 25-39

*In process as
MT-24-393-69*

47702-69

Efficiency of Heat Transfer onto the Surface
of a Plate from a High Temperature Stream of
Combustion Products, by S.S. Shorin,
RUSSIAN, per. Teoriya i Praktika Szhiganiya
Gaza, No 4, 1968, pp 134-143.

*ACSI-K-1680

*FSTC-HT-23-1103-72

Jan 72

A. N. Bragin

*Balancing high-speed light motors resting on bearings
with gas lubrication, 11 pp.*

*RUSSIAN, Teoriya i praktika Uravnovesivaniya Mashin i
Priborov, 1970, pp 210-216*

AIR/PTD-MT-24-290-72

nov 72

I. I. Rybin

The effect of defects in the geometric shape of anti-friction bearings on the balancing precision of rigid rotors. 10 pp.

RUSSIAN, Teoriya i Praktika Uravnovesivaniya Mashin i Priborov, 1970, pp 371-377

AIR/PTD-MT-24-998-72

jan 73

Representation Theory and Automorphic Functions,
by I.M.Gelfand and M.N.Grayev.
RUSSIAN, mono, Teoriya Predstavlenii Avtomorfnye
Funktsii, 1966,512pp.
*API , *OTS Vol.16,No.3.

Aug 66

Theory of Compacting of Metal Powders, by
G. M. Zhdanovich. 281 pp.
RUSSIAN, bk, Teoriya Pressovaniya Metallicheskih
Poroshkov, 1969, pp 1-262.
AIR/FTD-HC-23-775-70

Aug '71

Fundamental Proportional Navigation
Equations, by V. L. Kan.
RUSSIAN, per, Teoriya Proporsionalnoi
Navigatsii, 1965, pp 9-17.
NTC 72-11187-17G
CIA X-7507 34 pp

May 72

Proportional Navigation for the Value
of the Navigation Constant, by
V. S. Kan.
RUSSIAN, per, Teoriya Proportionalnoi
Navigatsii, 1965, pp 18-57.
JTC 72-11188-17G

May 72

Theory of Ramjet and Rocket-Ramjet Engines,
 Part II, by V. S. Zuyev, V. I. Makaron, 244 pp.
 RUSSIAN, bk. Teoriya Pryanotochnykh i Rakstno-
pryamotochnykh Dvigatelye. Moscow, 1971, ~~367~~ pp.
 JPRS 57062-2

I and II

1788 pp

L 4720 pp 310-317

Sept 72

Theory of Solid Fuel Rocket Engines, by
Ya. M. Shapiro, G. Yu. Mazing, et al. 261 pp.
RUSSIAN, bk, Teoriya Raketnoy Dvigatelya na
Tverdom Toplivo. 1966, pp 1-256.
AIR/PID/AT-24-384-67

sci/propulsion and fuels
apr 69

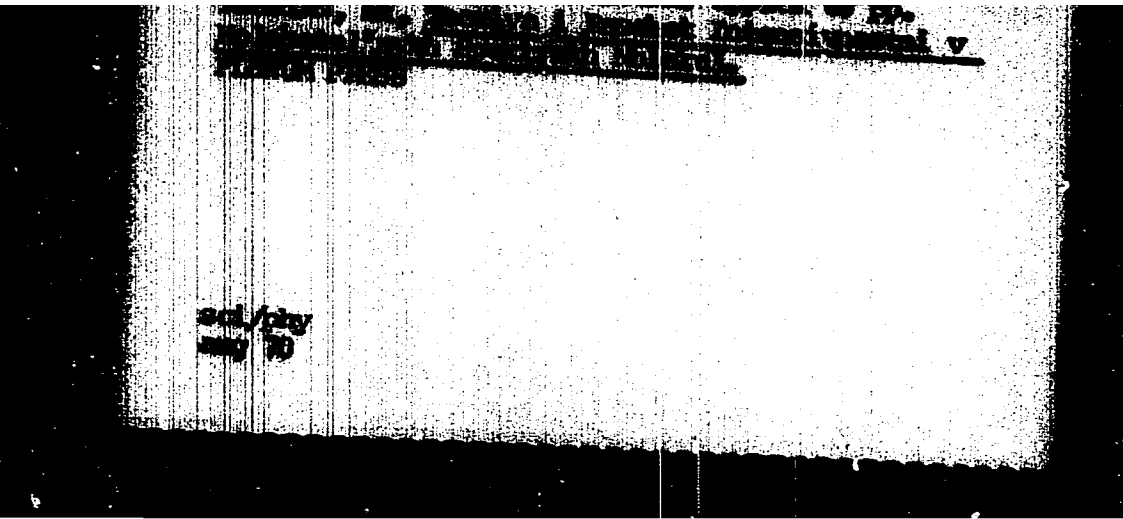
377,922

Theory of Rocket Engines, by V. Ye. Alemanov,
A. F. Dregalin. 732 pp.
RUSSIAN, book, Teoriya Raketnykh Dvigatelay,
1969, 2nd Edition, pp 1-547.
AIR/FTD-HT-24-116-70

sci/aero
nov 70

Theory and Design of Aircraft Turbomachines, by
I. V. Kholodchikov, 967 pp.
RUSSIAN, bk, Teoriya Raschet Aviatcionnykh
Lyastochaykh Mashin, 1970, pp 1-610.
AIR/FTD/HC-23-754-71

July 72



D. V. Khronin

Aviation Engine Vibration Theory and Calculation, by
D. V. Khronin, 512 pp.
RUSSIAN, bk. Teoriya i Raschet Kolebaniy v
Dvigatelyakh Letatel'nykh Apparatov, 1970, pp 1-412.
ATR/PTD/HC-23-780-70

Nov 71

Grids for Transonic and Supersonic Flow
Velocities, by N. I. Markov. 13 pp.
RUSSIAN, rpt, Teoriya i Raschet Ispatodinoye
Apparata Osevykh Turbonashin, 1966, pp 174-184.
AIR/PTD/III-23-1286-68

sci/propulsion and fuels
dec 69

397,347

Very low resolution of magnetic tape
copy of L. A. T. 111.
The following is a list of the names of the
persons who were in the area of the
incident on 10/10/71.

10/10/71

A comparative Review of Domestic Automatic
Control System, Yu. S. Yakovlev 31 pp,
RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektronnoy Agregatnoy Unifitsir-
ovannoy Sistemy, 1965 pp. 4-37
JPRS 35,632

Sci - Math/DP

303,437

Item 66

Normalizing Convertors of the EBUS System, by
A. Z. Zakharov, 10 pp.
RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektronnoy Agregatnoy
Unifitsirovannoy Sistemy, 1965 pp. 38-47
JPRS 35,632

Sci - Math D/P
Jun 66

303,438

The EUPZ-1 Sumator, by V.G. Grishanov, 9 pp.
RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektronnoy Agregatnoy
Unifitsirovannoy Sistemy, 1965, pp. 48-55
JPRS 35,632

Sci - Math D/P
Jun 66

303,439

Analysis of the RPI Electronic Block Circuit
and Structural Modernization of it, by
A. Kh. Slobodkin, 11 pp.
RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektronnoy Agregatnoy
Unifitsirovannoy Sistemy, 1965, pp. 56-65
JPRS 35,632

Sci - Elect
Jun 66

303,440

Dynamic Characteristics of Electrical Servomechanisms
by A. A. Zhidkov, Yu. S. Yakovlev, 9 pp.
RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektronnoy Agregatnoy
Unifitsirovannoy Sistem, 1965, pp. 66-74
JPRS 35,632

Sci - Elect
Jun 66

303,441

Using the Pulse Characteristics of Actuating
Mechanisms in the Determination of the Dynamic
Properties of PI-Regulators, by Yu.V. Novoselov,
7 pp.

RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektromy Agregatnoy
Unifitsirovannoy Sistemy, 1965, pp. 75-81
JPRS 35,632

Sci - Elect
Jun 66

303,442

Automatic Control System for the Temperature
of Superheated Steam in the MN-7 Electronic
Simulator, by Yu. V. Novoselov,
M. A. Grigor'yeva, 9 pp.
RUSSIAN, bk, Teoriya, Raschet i Printsipy
Konstruirovaniya Elektronnoy Agregatnoy
Uzfitsirovannoy Sistemy, 1965, pp. 82-90
JPRS 35,632

Sci - Math D/P
Jun 66

303,443

**Theory and Design of Turbocompressors, by
K. P. Salessnev, Yu. S. Fedotuyev, et al.
488 pp.**

**RUSSEAN, bk, Teoriya i Raschet Turbokompressorov,
1968, pp 1-405.**

AIR/FTD/MT-24-190-69

**sci/mechan engr
apr 70**

405,872

Stress and Strain in Metall Rolling, by
A. Tselikov.
RUSSIAN, bk, Teoriya Rascheta Usiliy v
Prokatnykh Stanzakh, 1967.
Mir Publishers
(Available CIA Library)

Nov 67

Theory of Automatic Control Systems, by V. A.
Besekerskiy and Ye P. Popov, 903 pp.

RUSSIAN, bk. Teoriya Sistem Avtomaticheskogo
Regulirovaniya, 1966, 992 pp.

ACSI J-3765

ID 2204054967

Sci-Mlec

Mar 68

344,231