

REQ TR CHECK 8-03-20 TCK4
ELECTRONIC EFFECTS OF ALKYL GROUPS
VORONKOV M G
UR: TEOR. EKSP. KHIM., 1971, VOL 7, nr 1,
pp 40-45

Process ID 95
HF72-23-0869
Negative

16MAY
1971

Theoretical Electrochemistry, by
L. I. Antropov. 15 pp.
RUSSIAN, book, Teoreticheskaya Elektrokimiya,
1969, pp 9-19, and 486-496.
AIR/FTD/MT-24-120-71

Dec '71

Use of Integral Equations for Calculation of Periodic Modes in Nonlinear Circuits, by Ye. A. Karpov, 6 pp.
RUSSIAN, per, Teoreticheskaya Elektrotehnika, No 5, 1968, pp 108-112.
ARM/FSTC/HT-23-381-72

Mar 72

REQ TR CHECK

12-1-19

TBW1

Handwritten signature

TEORETICHESKAYA I MATEMATICHESKAYA
PIZIKA
(Theoretical and Mathematical Physics -
monthly)
Translation begins with 1969
Lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: \$ 125.00/year
\$ 30.00 single issues
\$ 15.00 single article reprints
add \$ 5.00 on oversea subscription

Read

REF ID: A66581 (SC-T-71-3000) INVESTIGATION OF THE SPECTRA
OF STOCHASTIC OPERATORS ARISING IN LATTICE MODELS
OF A GAS. Minlos, R. A.; Sinay, Ya. G. ¹⁰Translated by Fredric
D. Killebrew (Sandia Labs., Albuquerque, N. Mex.), from ¹⁵Teor.
Mat. Fiz.; 2: No. 2, 230-43(1970). ¹⁷24p. ¹⁴Dep. NTIS.

25

26 physics; translations 27 20

28 MN-34 29 P NSA

The Absorption of Light by Two-Zone Superconductors,
by N. I. Botoshan. 21 pp.

RUSSIAN, per, Teoreticheskaya i Matematicheskaya
Fizika, Vol 2, No 3, 1970, pp 383-398.

AIR/FTD-MT-24-52-71

Oct 71

Theoretical and Applied Mechanics, No 1.
approximately 112 pp.
RUSSIAN, No. Teoreticheskaya i Prikladnaya
Mekhanika, VMP 1, 1970.
Plenum Press

Sci-Math
Sep 70

On the Thermodynamics of a Crystal Lattice, by
V. A. Moskalenko, A. Ye. Marinchuk. 15 pp.
RUSSIAN, rpt, Teoreticheskiye i Eksperimental'nyye
Issledovaniya Fizicheskikh Svoystv Poluprovod-
nikovykh Materialov i Druyikh Kristallov, 1965,
pp 15-26.
AIR/FTD/IR-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 Metallicheskikh Sistem, 1969, pp 7-24.
AIR/FTD/MT-24-938-71

July 72

M. S. Model'

*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. Ohukhovskiy. 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 Zatsalki Khimicheskikh i Elektronnykh Protsessov v Nizkotemperaturnykh Plazmennyykh Struyakh, 1965, pp 1-9. P100132066
FTD-MT-65-546

Sci-Phys
Feb 67

318,207

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
Metallov, 1973.
*FIRST

Sept 72

Principles of Livestock Breeding, by
A. S. Vsyatikh. 290 pp.
RUSSIAN, IN, Teoreticheskie Osnovy Plakennogo
Dala, 1964, 1969.
CESTI TT 68-50331

sci/ b and m
sept 69

389,840

Theoretical Basis of the Prophylaxis and
Therapy of Dishomonal Tumors, by H. I.
Iazarev.

RUSSIAN, bk, Teoreticheskie osnovy profilaktiki
i terapii dishomonal'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

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

1965

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 NLI as RTS 5714. 28p., typescript.

Avail. on Loan - NMFS, 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.
ATR/FTD/HT-23-1448-67

Sci/Electronics
Feb 69

375,509

Request translation check 8-8-2 BT69-1-16991

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

In process

NT-24-381-69

*negative
Sept 69*

REQ TR CHECK

11-10-1

THA3

LIGHT REFLECTED FROM ROUGH SURFACES
STEPANOV, B.I.; IVANOV, A.P.

UR: TEORETICHESKIE I PRIKLADNYE PROBLEMY
RASSEIANIIA SVETA (TITLE OF ENTIRE BOOK)

IZDATEL'STVO NAUKA I TEKHNIKA, 1971, MINSK,
PP 187-203. A72-28501

NEED DOCUMENT

Process in as

MT 72-24-1721

*Negative
1/10/72*

Structural Linguistics, by N. D. Arutyunova,
G. A. Klimov. 26 pp.
RUSSIAN, rpt, Teoreticheskiye Problemy Sovetskogo
Yazykoznaniya, 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

REQ TR CHECK

15-7-3

TL63

A MODEL OF ZONAL CIRCULATION OF THE
ATMOSPHERE ON A PLANETARY SCALE UP TO AN
ALTITUDE OF 200 KM

BELICH R B: BUGAYEVA I V
UR: TEORETICHESKIY VOPROSY FIZIKI VERKHNİY
ATMOSFERY. 1969, nr 81, pp 59-71

In process as

MT-24-71-1653

*Negative
20 July 71*

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

Sed-B and M
June 69

383,569

Theoretical and group methods in physics. 320 pp approx
RUSSIAN, bk. Trudy #70, Teoretiko-grupповые metody v
fizike,
P. N. Lebedev Physics Institute
CONSULTANTS BUREAU/PLENUM PUBLISHING

July 72

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.
*Hand

USSR/M11
Jan 69

Theory of Algorithms and Discrete Converters,
by V. N. Glushkov.
RUSSIAN, bk, Teoriya Algoritmov i Discretnye
Preobrazovateli, 1968.
Plenum 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/FSTC-HI-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 Sinteza Vychislitel'nykh
Mashin i Sistem, No 3, 1968, pp 75-82.
AIR/FTD/MP-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 Avotomatov 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

Nikolskii, V. 1945

Theory of fish population dynamics as the biological background for rational exploitation and management of fishery resources (Teoriia dinamiki stada ryb i ee biologicheskaia osnovaniia ratsional'noi ekspluatatsii i vosproizvodstva rybnykh resursov)
"Nauka" pub. house, Moscow. In Russian.

Transl. by J.F.S. Bradley for Oliver & Boyd, publishers, Edinburgh, 1969, 323p. Avail. fr. Oliver & Boyd, price \$8.10 s.

Avail. on loan - ICN, Wash., D.C.

Original Article Checked. *AK*

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, Eksperiment,
Praktika, 1966, pp 1-48.
WFO MF 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. Regirer.

RUSSIAN, bk. Supplement to Tezhiva Elektromag-
nitnogo Izmereniya Raskhoda, 1965.
NIL 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.
*IFST

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. Androev, 643 pages. *413 pp*
RUSSIAN, bk, Teoriya Inertsialnoy Navigatsii.
Korrektiruyemye Sistemy, 1967. *623 pp*
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 Kromatografii,
"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: 01199/72

15 Dec 71

TEORIYA I KONSTRUKTSIYA GIROSKOPICHESKIKH PRIBOROV I
SYSTEM, 1971

Chapt 13, pp 488-504

Chapt 9, (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.
CBSTI 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.
*AHC-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 Magnitoporyadchennykh
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. Kobleu, Yu. F. Kopelev. 5 pp.
RUSSIAN, per, Teoriya 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 Mezhdomstvennyy Nauchno-Tekhnicheskiy Sbornik, No 9, 1970, pp 40-44

AIR/FTD-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,
1960
PLENUM PRESS

Sci/B&N
Sep 68

366,486

G. S. Tsiramaia

*A method of synthesis of a digital aggregate of
variable structure. 10 pp.
RUSSIAN, Teoriya nadezhnosti i massovoye obsluahivaniye
1969, pp 201-208
AIR/FTD-MF-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 Nesushchei Linii
Podvodnogo Kryla Proizbol'noi Formy na
Melkoved'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.
CFSI TT 61-11313

Sci - ES
Jun 66

302,329

Theory of Operator Nodes in Hilbert Spaces, by
M. S. Livsic.

RUSSIAN, bk, Teoriya Operatornykh Uzlov 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 51

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 Plazmennykh Neustoiichivostei,
T. 1, Neustoiichivosti Odnorodnoi Plazmy, 1970,
approx 400 pp.
CONSULTANTS BUREAU/PLENUM PRESS

sci/physics
sept 69

392,997

Theory of Plasmas, Vol 61. approx 496 pp.
RUSSIAN, bk, Teoriya Plazmy.
Trudy Fizicheskogo Instituta IM P. N. Lebedeva, 1971
CS/Plasma Publ

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/FPD/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. Ksenofontova and A. S. Burcha-
kov, 13 pp.

RUSSIAN, bk, Teoriya i Praktika Bor'by s
Fyl'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-Expending Characteristics (On the
Basis of Gas Exchange) of Sport Exercises
in Man, by I. P. Elokhin, 6 pp.
RUSSIAN, per, Teoriya i Praktika Fiziche-
skoy Kul'tury, No 1, Jan 1965, pp. 32-35.
JPRS 30377

USRR
Sci-B/M
Jun 65

281,350

On Problems of Perfecting Coaching Methods
in Competitive Sports, by V. S. Kapitonov,

8 pp.

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

JPRS 30377

USSR

Soc

Jun 65

281,351

Cybernetics and Physical Training, by V. H.
Zatsiorskiy, 43 pp.
RUSSIAN, par, Teoriya i Praktika Fizicheskoj
Kul'tury, No 4, Apr 1965, pp. 12-20 and ibid
No 5, May 1965, pp. 22-30.
JPBS 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.
JPRS 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. Yershin, R. P. Rybalova.
RUSSIAN, bk, Teoriya i Praktika
Sahiganiya Gaza, Vol 3, Leningrad, 1967,
pp 234-245.
NASA TT F-11,662

Sci/Phys
Oct 68

369,165

Request translation check 24-10-1 BT69-1-2049T

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. (VTOEP) publisher: NEDRA. Leningrad
1968, pages 25-39

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

4790-69

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

*ACSI-K-1680

*FSTC-HT-23-1108-72

Jan 72

A. N. Bragin

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

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

AIR/FTD-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 Pribory, 1970, pp 371-377

AIR/FTD-MT-24-998-72

jan 73

Representation Theory and Automorphic Functions,
by I.N.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 Proportsionalnoi
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. L. Kan.
RUSSIAN, per, Teoriya Proportsionalnoi
Navigatsii, 1965, pp 18-57.
NTC 72-11188-17G

May 72

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

I and II

488 pp.

X-7720 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 Raketnogo Dvigatelya na
Tverdom Toplive. 1966, pp 1-256.
AIR/FTD/AM-24-384-67

sci/propulsion and fuels
apr 69

377,922

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

sci/aero
nov 70

Theory and Design of Aircraft Turbomachines, by
K. V. Kholshchevnikov, 967 pp.
RUSSIAN, bk, Teoriya Raschet Aviatsionnykh
Lopatochnykh 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 i Letatel'nykh Apparatakh, 1970, pp 1-412.
AIR/F2D/HC-23-780-70

Nov 71

Grids for Transonic and Supersonic Flow
Velocities, by N. M. Markov. 13 pp.
MOSKVA, npt, Teoriya i Raschet Lapatodinoogo
Apparata Osevykh Turbonashin, 1966, pp 174-184.
AIR/PTD/In-23-1286-68

sci/ propuslaicna nd fuels
dec 69

397,347

Theory and Computation of Magnetohydrodynamic Channel
Flow, by L. A. Viliu.
RUSSIAN, bk, Teoriya i Raschet Magnitogazodinamicheskikh
Techeniy v Kanalah, 1971.

#1187

May 71

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

Sci - Math/DP

303,437

Normalizing Convertors of the EAUS 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 EUFZ-1 Summator, 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