

BRONSHTEIN, V. I.

//INZHENERNO-FIZICHESKII ZHURNAL//

--/--/1972, V0023, N----,

Heat and Mass Transfer of a Boiling Liquid with
Bubbles,

pp 859-867, NEC 74-10363-20M00

The Effectiveness of Film Cooling with a Negative
Longitudinal Pressure Gradient, by V. A. Zysin.
INZHENERNO-FIZ ZHURNAL, No 6, 1972, pp 1001-1007.
NAVY/APL/JHU-T-2749

June 73

Segeyev, V.M.

Reaction of graphite with carbon dioxide at
temperatures of 1200°C.

INZHENERNO-FIZICHESKIY ZHURNAL, Vol. 23, N.6,
pp.1064-1070, 1972.

APL/JHU T-2767

PANKRATOV, B. M.
//INZHENERO-FIZICHESKIY ZHURNAL, //
--/01/1973, V0024, N0001,
Study of heatproof materials in nonsteady-state
operating conditions, 12 pp
pp 75-83, AIR/FTD-HC-23-909-74@@

BURN-UP OF THE HIGH TEMPERATURE PRODUCTS OF I
NCOMPLETE COMBUSTION IN A SUPERSON

SHAYKHUTDUNOV, LANGUAGE-RU COUNTRY-UR

INZHENERNO-FIZICHESKIY ZHURNAL, V. XXV, #2, 1
973 197-203.

FSTC-HT-23-0032-75

SHAYKHUTDINOV, Z.G.

//INZHENERNO-FIZICHESKIY ZHURNAL//

--/08/1973, V0025, N0002,

Afterburning of high-temperature products of incomplete
combustion in a supersonic flow upon a secondary
injection of oxidiser. 11 pp.

PP 197-203, AIR/FTD-HT-23-916-7400

PP/JHU - T-2826

Salamandra, G.D.

Preliminary electromagnetic-field "treatment"
of a fuel-air mixture.

INZHENERNO-FIZICHESKII ZHURNAL, Vol.25, No. 2,
pp.204-207, 1973.

APL/JHU T-2816

SASIN, V. I.
//INZH.-FIZ ZH. (MOSCOW).//
03/09/1973, V0025, N0003,
Heat transfer intensity in the condensation section of
a heat pipe, 7 pp
pp 436-439, NASA TT F 15449@@

Muchnik, G.F.

Hydrodynamic development of laminar flow velocity fields in rectangular channels.
INZHENERNO-FIZICHESKII ZHURNAL, Vol.25, No.4,
pp.671-675, 1973.
APL/JHU T-2840

Khayrutdinov, K. A.

Calculation of real gas properties from tables of
trigonometric functions *8pp

INZHENERNO-FIZICHESKIY ZHURNAL, vol. 24, no. 4, April,
1973, pp. 735-739

AIR/FTD-HT-23-922-74

Zelenkov, O.S.

Jet-Plume Boundary and Free-Surface Shape in
the Presence of a Longitudinal Pressure Gradient
Behind a Body of Revolution.

INZHENERNO-FIZICHESKIY ZHURNAL, Vol.24, No.5,
pp.850-853, 1973.

APL/JHU T-2800

Morozov, M.G.

Circulatory motion in the base region of axis
ymmetric bodies.

INZHENERNO-FIZICHESKII ZHURNAL, Vol.25, No.5,
pp.918-921, 1973.

APL/JHU T-2843

PANKRATOV, N.A.
//INZH.-FIZ. ~~INZH.~~//
--/--/1974,V0026,N0006,pp 1067-1071,
Thermal Connections to Diminish Heat Influxes in
Cryostats, 5 pp
CIA-X-7921

##

Smirnov, V.M.

On an Algorithm for Recognition of
Binary Codes 4 pp

INZHEN.-MATEM. METODY V FIZ I KIBERNET., MIFI,
1971, pp 93-96

CIA-X-7888

BEZDENEZHNIK, A. A.
//INZHENERNIE METODY SOSTAVLENIA DRAVNIENI SROKOSTEI
REAKTSII I RASCHETA KINETICHESKIH KONSTANT//
---/1973, V----, N----,
Engineering Methods of Deriving Equations of Reaction
Rates and of Calculating Kinetic Constants,
pp 3-27, Peter Publishing House, Gerdalen, 1973.

Combat Support of Offensive Operations of the Motorized
Rifle (Tank) Battalion (Company), by Belokon', 165 pp.
INZHENERNOYE OBESPECHENIYE NASTUPLENIYA MOTOSTRELKOVOGO
(TANKVOGO) BATAL'ONA (ROTY), 1964.
ACSI K-3428

Apr 73

Agency: Army/Reasbone

#7

729472836

P.O. #: SIPR no. 101852-45-7787

19 Feb 75

Title: Axisymmetric Oscillations of a Spherical
Shell Partially Filled with Fluid.

Author: L. I. Galabukh, A. G. Golchanov

Source: Inzhenernyi Zhurnal - Mekhanika Tverdogo
Tela, Sep-Oct, 65-71 (1967)

Language: Russian

Special Instructions: Please translate.
Edited draft only.OSESIMMETRICHNYE KOLEBANIYA SFERICHESKOY
OBOLOCHKI, CHASTICHNO ZAPOLNENNOY ZHIDKOST'YU.

Kabanov, V. V. and Uteshev, V. S.

Stability of cylindrical circular shells during the bending by a force.

INZHENERNYI ZHURNAL MEKHANIKI TVERDOGO TELA,

No 2, Mar-Apr 1968, pp 65-69.

NAL-TR-30

Shandarov, L.G.

Flutter of a cylindrical shell of elliptic cross section.
INZHENERNYI ZHURNAL, MEKHANIKA TVERDOGO TELA. No. 2,
1968, pp 122-126.

NAL-TR-15

Mianchenko, V. I. and Pakhomova, L. A.

Local stability of cylindrical shells during heating.

INZHENERNYI ZHURNAL - MEKHANIKA TVERDOGO TELA,

No 2, 1968, pp 130-134.

NAL-TR-18

Netrebko, V.P.

Optical polarization method of studying the stressed
state of anisotropic bodies.

MEKHANIKA TVERDOGO TELA, No1, 1971, pp 94-100.

INZHENERNYI ZHURNAL

NAL-TR-102

ENGINEER COMMUNICATIONS ON PERMAFRUST SOIL & P
PIPELINE CONSTRUCTION IN THE NORTH

Complete 258 pp
YASTREBOV, A L LANGUAGE-RU COUNTRY-UR

INZHENERNYYE KOMMUNIKATSII NA VECHNOMERZLYKH
GRUNTAKH

LIT. PG SROITEL'NO., LENINGRAD, 1972, 176 PP

ARM
FSTC-HT-23-1392-73

Burghardt, A.

Optimization of a Cascade of Tank Reactors for
an Irreversible n-th Order Chemical Reaction.

INZYNIERIA CHEMICZNA, Vol.1, No.1, pp.69-84,
1971.

A.T.S PJ-5826

Machej, K.

Stochastic Description of the Equimolar Mass
Transfer During the Bubbling of a Gas Through
a Liquid.

INZYNIERIA CHEMICZNA, Vol.1, No.2, pp.177-200,
1971.

A.T.S PJ-5824

Zarzycki, R.

The Distribution of Liquid in a Packed Column.
II. The Effect of Gas Flow Velocity on the Dis-
tribution of Liquid in a Packed Column.
INZYNIERIA CHEMICZNA, Vol.1, No.2, pp.201-8,
1971.
A.T.S PJ-5825

Hulewicz, Z. Z.

The influence of scrubber packing porosity on partial
coefficients of aerosol particle deposition

INZYNIERIA CHEMICZNA, v. 2, 1972, pp. 329-341

NTC 73-13069-07A

GUTOWSKI, WITOLD

//INZYNIERIA CHEMICZNA//

--/--/1973,V0003,N0003,

*Criterion for adhesion of dispersed phase particles from
a dispersion system to the collision area, 14 pp.*

PP 477-487, AIR/FTD-HC-23-2242-74,

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY,
COPYRIGHT INFORMATION, OTHER REQUEST FOR THIS DOCUMENT
MUST BE REFERRED TO FTD##

Kolomeitsev, O. P.

*Synthesis and some properties of macroreticular
anion-exchange resins.*

IONNY OBMEN I IONITY, No 4, 1970, pp 48-53

NTC 73-14418-07D

Danilov, A. D.

Experimental Data on the Distribution of Main
Parameters and Rates of Photochemical Processes
in Upper Atmosphere.

IONOSFERNYYE ISSLEDOVANIYA No. 18, pp. 7-41 ,
1969.

FSTC-HT-23-290-72

GALKIN, A. I.
//IONOSPHERNIYE IZMERENIYA//
--/--/1971, V----, N----,
Ionospheric Measurements, 258 pp,
pp 1-175, NASA TT F-759-7400

Polyakov, V.M.

Ionospheric Processes

IONOSFERNYYE PROTSSESY, 1968, 536 pp

*NTIS-TT-74-53011

*NASA-TT-F-821

*Ionosphere disturbances and their influence on radio
communications. 323 pp.*

IONOSFERNYYE VOZMUSHCHENIYA I IKH VLIYANIYE NA
RADIO SVYAZ, 1971
NASA TT F 746-73

may 73

Herczeg, Andras

Indexes of Chemical Industry Research and
Development Presented, 15 pp.

IPARGAZDASAG, Budapest, No 10, Oct 73,

pp 39-43.

JPRS 60924

Jan 74

Nagy, Jozsef

Development of Industrial Investments Reviewed,
14 pp.

IPARGAZDASAG, Budapest, No 10, Oct 73, pp 44-48.

JPRS 61123

M. 14

Drecin, Jozsef

Socialist Economic Policy, Enterprise Manage-
ment Examined, 10 pp.

IPARGAZDASAG, Budapest, No 1, Jan 74, pp 1-5.

JPRS 61797

Jun 74

Marsanyi, Istvan

Socialist Enterprise Management and Organization
Trends Discussed, 12 pp.
IPARGAZDASAG, Budapest, No 1, Jan 74, pp 6-10.
JPRS 61897

Jul 74

al-'Utaybah, Mani' Sa'id

Oil Production and Profits Increase in Abu
Dhabi, 7 pp.

IQTISADIYAT ABU DHABI, Abu Dhabi, 1971,

pp 165-179.

JPRS 61293

Mar 74

Zahran, Fu'ad Sami

Role of Computer Examined in Context of Mideast
Conflict, 5 pp.

AL-ICTISAD WA AL-MUHASABAH, Cairo, Oct 73,

pp 42-43, 46.

JPRS 61121

Mar 74

KURETS, V. K.

//IRKUTSKIY FITOTRON//

--/--/1974,V----,N----, pp 0003-0023

The Irkutsk Phytotron -- Experience in Planning
and Adjusting 19 pp

JPRS 63697

#

Dynamic Phenomena Related to Gas Flow in the Blast
Furnace - 1, by F. Himmer.
IRSID REPORT - ORE-COKE-IRON REPORT, no RP 60, 1961,
May, pp 48.
BISI 9581

April 73

Jon, R.

The Reduction of Iron Ores in Fluidization Processes.

IRSID Report No. P 129, Paper Presented at the
Conf. on Fluidization, Toulouse, 1971, 3-5 Nov.

pp.1-16.

BISI 10935

HISADA, T.

//1ryo//

--/--/1969, V0023, N----, pp 0462-0471

Changes in ribonuclease activity in
serum and urine during the course of surgical
treatment for cancer of the digestive organs
and other diseases Part 11

NTC 75-10280-06E

#

hisada, t.

//IRYO//

--/--/1969, V0023, N----, pp 0613-0625
Changes in fibonuclease activity in serum
and urine during the course of surgical
treatment for digestive organ cancer
and other diseases Part III

NTC 75-10281-06E

#

Kuchin, N. N.

Ischemic heart disease and cosmic radiation.

ISHEMICHESKAYA BOLEZN' SREDTSA I KOSMICHESKOYE IZLUCHENIYE

ZDRAVOOKHRANENIYE KAZAKHSTANA, No 3, 1973, pp 19-22

*NASA TT F 14,992

K. Tachimoto, et al.

WARNING OF DISINTEGRATED SODIUM FLUORIDE FOR LOW TEMPERATURE
SERVICES.

ISHIKAWAJIMA-HARIMA TECH. REV., Vol. 11, No. 1, 1969.
BTSF 1411

AN 11

Vozzhernikova, T.F.

1967

Fossilized poridiniid algae in the Jurassic, Cretaceous
and Palaeogene deposits of the USSR (Iskopayemye poridiniid
Turskikh, Melovykh i Paleogenovykh otlozheniy SSSR)
Izd. "Nauka," Moscow, 347p. In Russian.

Transl. by Dr. E. Lee in 2 vol. for NLL, 1971, 453p.,
processed. Avail. NLL, price \$5.50 per set.

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

Original Article Checked. *AR*

Foreign Newsmen Question Minister on Food
Situation, 17 pp.
ISI, Delhi, 0830 GMT, 10 Oct 74.
IPRS 63345

Dec 74

Features, Philosophy of Fourth Plan Are
Dissected and Analyzed, 6 pp.
ISLAH-ANIS, Kabul, 30 May 73, p 14; 2 Jun 73,
p 9; 3 Jun 73, p 9.
JPRS 59656

Sep 73

Fourth Five-Year Plan Is Discussed in Greater
Detail, 10 pp.

ISLAH-ANIS, Kabul, 4 Jun 73, p 9; 5 Jun 73,
p 9; 6 Jun 73, p 9.

JPRS 59416

Jul 73

Problems of University Scientific Research
Center Are Discussed, 6 pp.
ISLAH-ANIS, Kabul, 20 Jun 73, p 11.
JPRS 59599

Aug 73

Modern Legislation in Country Is Reviewed,
14 pp.

ISLAH-ANIS, Kabul, 26 Jun 73, p 13; 30 Jun 73,
p 13; 3 Jul 73, p 13.

JPRS 59797

Sen 73

Jalalar, Mohammad Khan

1973/74 Budget Message Is Read to Parliament,
9 pp.

ISLAH-ANIS, Kabul, 10 Jul 73, pp 1, 2, 8.
JPRS 59898

Sep 73

Evolutionary Nature of Legislation in Afghanis-
tan Is Described, 5 pp.
ISLAH-ANIS, Kabul, 10 Jul 73, p 13.
JPRS 59898

Sep 73

Evolutionary Nature of Legislation in Afghanistan Is Described, 5 pp.

ISLAH-ANIS, Kabul, 14 Jul 73, p 13.

JPRS 59940

Sep 73

Nation's Industry, Agriculture Require Serious
Attention, 5 pp.

ISLAH-ANIS, Kabul, 2 Aug 73, p 7.

JPRS 60084

Oct 73

Behrens, H.

The Connection Between Explosion Mach Number
and Reaction Heat of Gas Explosion

ISL-TECHNISCHE MITTEILUNG T 37/69

ACSI M-1995
FSTC-H-23-1451-72

11-Oct-73

Uncl (MLM--2092(TR)) Depletion column for the collection of protium oxide, $^1\text{H}_2\text{O}$, by isotope exchange between hydrogen and water. MERCEA, V.; PALIBRODA, N.; FODOR, T.; STOICOVICI, L. Translated from Isotopenpraxis; 4: No. 8, 328-330(1968). 8p. Dep. NTIS \$3.00.

07A chemistry(separation); 18D isotopes; translations
MN-22 P NSA

SCHUETTE, H. R.

//ISOTOPEPRACTIS//

--/--/1971,V0007,N----, pp 0279-0282

The absorption, translocation and
elimination of prophan in sugar beets

NTC 74-13928-06A

#

Unclassified (ORNL-tr--2671) Chemical purification and conversion of electromagnetically separated isotopes of cadmium. Kellner, K. Translated by L.T. Newman (Oak Ridge National Lab., TN), from Isotopenpraxis; 8: 22-25(1972). 8p. Dep. NTIS.

18D isotopes; translations
MN-23 P NSA

2-Jul-73

Uncl (SLAC-Trans--156) Measurement and reproduction of the roentgen exposure unit at the German measurement and testing agency. Part II. Cavity ionization chambers for ^{60}Co and ^{137}Cs gamma radiation. HECKER, O.; ROTHE, H. Translated from Isotopenpraxis; 8: No. 10, 373-379(1972). 22p. Dep. NTIS \$3.25.

18D instrumentation; translations
MN-37 P NSA

11-Oct-74

Uncl (ANL-Trans--960) Recent results in the application of column extraction chromatography in inorganic analysis. STRONSKI, I. Translated from isotopenpraxis; 9: 273-279(1973). 18p. Dep. NTIS \$4.00.

07 chemistry (analytical); 07E chemistry (radio and radiation); translations
MN-4 NP NSA

ETTENHUBER, E.

//ISOTOPENPRAKIS//

--/05/1973, V0009, N0005,

Report on the first international seminar on
radiation, environment and population, 9 pp.

pp-10

pp 189-191, AIR/FTD-HC-23-2303-74##

MISSILE SYSTEM, ANTI-TANK, AND LONG RANGE SPARV
IERO, 1972 RISERVATO

LANGUAGE-IT COUNTRY-IT

ISPETTORATO DELLE ARMI DI FANTERIA E CAVALLER
IA, SEPT 21, 1972, 30 PAGES

FSTC-HT-23-1526-73

9844 / 2465
30 Oct 74

Library of Congress
No. LB75-780

Utilization of Paper Pulp in Restoration Work
Yu. P. Nyuksha
Restoration of Library Material, 1958, p.41-48
Russian

Instructions: Please translate, type single space, no
paste-up, leave space, translate all information.

ЭКОНОМИЧЕСКОЕ СУЩЕСТВОВАНИЕ МАССЫ В РЕСТАВРАЦИОННОЙ РАБОТЕ

Gubin, V. I.

*Use of empirical influence functions for the prediction
of meteorological fields. 115 pp.*

ISPOL'ZOVANIYE EMPIRICHESKIKH FUNKTSIY VLIYANIYA DLYA

PROGNOZA METEOROLOGICHESKIKH POLEY, 1970, pp 1-111

AIR/FTD-MT-24-432-73

Shifrin, K. S.

Using the light scattering function for

studying suspended matter in the sea

ISPOLIZOVANIYE INDIKATRIS RASSEIANIYA SVETA

DLYO- ISSLEDOVANIYA MORSKOY VZLESTI. IN:

OPTIKA OKEANA I ATMOSFERI, Nauka Press, 1972,

pp. 25-43

MASA TF F 14,781

Kravtsova, V. I.

Use of Space Images for Glacier Investigation of Mountainous Regions.

ISPOL'ZOVANIYE KOSMICHESKIKH SNIMKOV DLYA GLYATSIOLOGICHESKOGO IZUCHENIYA GORNYKH RAYONOV, Feb. 12-17, 1973,

30 pp.

9
NASA TT F 14,969

REQ TR CHECK · 28-08-73 T388

LABORATORY MODELLING OF EXPLOSIONS WITH
REGARD TO OUTBURST
ADUSHKIN, V.V.; RODIONOV, V.N.
UR: ISPOL'ZOVANIYE VZRYVA V NARODNOM
KHOZYAYSTVE, NO. 3, 1970, pp. 3-15

Process in use
HT 74-23-0388

Zel'manov, I. L.

Study of an explosion in bulk soil when the
charge is surrounded by an air-filled cavity
ISPOL'ZOVANIYE VZRYVA V NARODNOM KHOZYAYSTVE,
nr. 3, 1970, pp. 96-102
AIR/FTD-HT-23-392-74

Romaahov, A. N.

*Certain results in the use of large-scale directed
explosions (Experience at Medeo and Baypazy). 8 pp.*
ISPOL'ZOVANIYE VZRYVA V NARODNOM KHOZYAYATVE, TRUDY
VIII, No 3, 1970, pp 102-107
AIR/FTD-HT-23-393-74

REQ TR CHECK

10-04-73

T506

INVESTIGATION OF THE RESISTANCE OF A STREAM
OF EXPLOSION PRODUCTS FROM SECONDARY
EXPLOSIVES

KOROL'KOV, V.L.; MEL'NIKOV, M.A.

UR: ISPOL'ZOVANIYE VZRYVA V NARODNOY
KHOZYAYSTVE. VZRYVCHATYYE VESHCHESTVA I
SREDSTVA VZRYVANIYA. 1970, pp. 83-91

Process in us
H573-23-449

neg
17 APR 73

RUSSIAN

Comp. Sp

80pp

CSO: 8344/0175 W
25 July 1973

The testing of cable and wire, by S.S. Gorodetskiy and R.M. Lakernik.

Moscow, Ispytaniya kabeley i provodov, 1971, pp 268-272, 104-105, 130-132, 138-141, 188-203, 206-209, 231-235, 241, 259-267.

Special type B

Do not publish

Translator's draft plus one copy

Graphics may be pasted on copy

Skubachevskiy, L. S.

Testing Jet Engines. 111 pp.

ISPYTANIYA VOZDUSHNO-REAKTIVNYKH DVIGATELEY, 1972,
pp. 3-6; 7-40; 56-77; 165-167; 181-193; 225-228.

AIR/FTD-MT-24-96-73

Skubachevskiy, L. S.

The Testing of Jet Engines (Chapters 5 and 6) 63 pp
ISPYTANIYA VOZDUSHNO-REAKTIVNYKH DVIGATELEY, 1972,
pp. 3-40, 56-123, 199-205, 223-224
AIR/ FTD-MF-24-345-73

ISSLED STOP GO TO NEXT WORD

Khodarev, Yu. K. et al

Study of the Flight Dynamics of Spacecraft

ISSLEDOVANIYA PO DINAMIKE POLETA KOSMICHESKIKH APPARATOV,

Moscow, "Nauka" Press, 1973, pp. 1-141

*NASA TT F-778

Popovich, D.I.

Investigating the Electronic Properties of
Metals and Alloys

ISSLEDOVANIYE ELEKTRONNIKH SVOISTV
METALLOV I SPLAVOV 1967, 135 pp

*NTIS-TT-74-52042

Mnichev. Yu. S.

On the faunal composition, ecology and systematics
of the family retusidae (opisthobranchia
cephalaspidea) from possett bay, sea of Japan.

ISSLEDOVANIYA FAUNY MOREI, v. 8, p. 230-241, 1970.

NTC 73-11165-08A

Minichev, Yu. S.

On the Biology of certain Species of Pyramidellidae
(Gastropoda) From Posset Bay, Sea of Japan.

ISSLEDOVANIYA FAUNY MOREI, v. 8, n. 16, 1971,
p. 221-229

NTC 73-11995-08A

NLL RTS 7090

Bykhovskiy, B. E.

The Fauna of the Tonkin Gulf and Conditions
of Life in It.

ISSLEDOVANIYA FAUNY MORLY, Leningrad 1973,
pp. 8-21, 22-146, 147-168, 169-178, 179-197,
198-209, 210-224, 225-256.

NOO TRANS 603

Explorations of the Fauna of the Seas XII (XX)
Geographical and Seasonal Variability of Marine
Plankton

ISSLEDOVANIYA FAUNY MOREI XII (XX)
GEOGRAFIЧЕСКАЯ И SEZONNAYA IZMENCHIVOST'
MORSKOGO PLANKTONA 1972, 266 pp

*Keter Pub. 9 Sep 73

Works of the Arctic & Antarctic Scientific-Research
Institute - Study of the Physical Nature of Ship Icing,
by Ye. P. Borisenkov, Ed., Vol 298.

ISSLEDOVANIYE FIZICHESKOY PRIRODY OBLEDENENIYA SUDOV,
1972.

ACSI K-3655

186 pp.

Apr '73

Osipov, N. K.

The passage of an electron stream through the atmosphere. 15 pp.

ISSLEDOVANIYA PO GEOMAGNETIZMU, AERONOMIY I FIZIKE
SOVNTSA. ZEMNOY MAGNETIZM, Vol 5, 1969, pp 107-116
AIR/FTD-HT-23-862-73

Study of immunological reactivity
ISSLEDOVANIYE IMMUNOLOGICHESKOY REAKTIVNOSTI,
Academy of Sciences USSR, Moscow, 1973, 6 pgs.
NASA TT F 15,080

Investigation of the ionosphere and meteors. 89 pp
ISSLEDOVANIYE IONOSFERY I METEROV, 1971.
NASA TT F-744-73

Broderick, D. D.

An investigation of compact radio emission
sources at a wavelength of 3.55 cm

ISSLEDOVANIYE KOMPAKTNYKH ISOTOCHNIKOV
KOSMICHESKOGO RADIOIZLUCHENIYA NA VOLNE 3.55
CM REPORT Pr-117 USSR, May 1973, 33pp
NASA TT F 14902

Pellinen, L. P.

Study of the Gravitational Fields and Shape
of the Earth, Other Planets, and the Moon,
Based on Spacecraft Observations 229 pp

ISSLEDOVANIYE KOSMICHESKOGO PROSTRANSTVA-1970
(SPACE EXPLORATION-1970) 1972, 180 pp

DMAAC-TC-1924

★ AIR 727D-471-34-0015-75

II. *The methods of precise observations of ISZ
(Artificial Earth Satellite). 7 pp*

ISSLEDOVANIYA KOSMICHESKOGO PROSTRAUSTVA, 1970,

pp 20-24

AIR/FTD-MT-24-706-74

Pellinen, L. P.

Space research. (Investigation of the gravitational fields and the shape of the earth, other planets and the moon by observations from space vehicles) 250pp

ITOZI NAUMI. ISSLEDOVANIYE KOSMICHESKOGO PROSTRANSTVA,

1972, pp. 1-160

AIR/FTD-LP-24-775-73

3-Jun-74

Uncl (JPRS--61609) Research on materials for the manufacture of open-cycle MHD generator electrodes. SAMSONOV, G.V.; SLEPTSOV, V.M.; GNESIN, G.G.; FOMENKO, V.S.; PODCHERNYAEVA, I.A.; LAPSHOV, YU.K.; SHEGOLEV, G.M.; KUKOTA, YU.P.; STRASHININ, E.P. 29 Mar 1974. Translated from pp 393-409 of Issledovanie materialov dlya MGDG otkrytogo tsikla, Kiev, 1971. 14p. JTIS.

11B ceramics; 10 energy conversion; translations
MN-13 NP NSA

JPRS 61609

Tsiolkovskiy, K.E.

Study of Outer Space by Reaction Devices

ISSLEDOVANIYE MIROVYKH PROSTRANSTV
REAKTIVNYMI PRIBORAMI, 1967, 375 pp

*NTIS-TT-74-53380

NASA-TT-F-15,571

Grigoryeva, L. I.

*Investigation of plasma heating in a strong variable
electric field. 43 pp.*

ISSLED. NAGREVA PLASMY V SILNOM PEREMEN. ELEKTR POLE.
Rept. KhFTI-70-64, 1970, 41 pp.

NASA TT F 14,673

may 73

Orudzheva, I. M.

Preparation of amides and quaternary ammonium salts of
naphthenic acids and study of their inhibiting
properties

ISSLEDOVANIYA V OBLASTI NEORGANICHESKOI I FIZICHESKOI
KHIMII. AKADEMIYA NAUK AZERBAIDZHANSKOT SER. INSTITUT
NEORGANICHESKOI I FIZICHESKOI KHIMII. BAKU, 1971,
T. 8. PP. 211-214
ISSN 03-1292-070