

RUSSIAN

JPRS-63339  
3744

CSO: 8344/0420

5 September 74

Translations on Soviet Guidance Technology

Leningrad, PRIBOROSTROYNEIYE, pp. 62,63-68, 73-79,  
88-91 and 95-99, Issue 6, 1974

Please publish

Suggested published title: "Translations On Soviet  
Guidance Technology"

Investigation for the International Interplanetary  
Mars 307  
TRIBORY ELAY ASTROFIZICHESKIY INSTITUT IMENI P. LEVITSKIY  
Moscow, Academy of Science USSR, Report, 1974, pp. 34  
NASA ET F 15,623

ZAYTSEV, V.A.  
//PRIDORY DLYA ISSLEDOVANIYA TUMANOV I OBLAKOV  
I IZMERENIYA VLAZHNOSTI//

--/--/1970, V-----, N-----,  
Instruments for investigation of fogs and  
clouds and measurement of humidity, 18 pp,  
pp 72-86, AIR/FTD/MT-24-398-740

Belyavskiy, Ya. B.

High-speed analog code converter for the  
"DNEPR" computer

FRIBORY I. KRYUKOV, OLGA ISKRENDOMANINA, Y. OKLASTI  
VYSEMEY NERVNOY DEYATEL'NOSTI I NEYROFIZIOLO-

GII, 1972, pp. 5-9  
AIR/PTD-HT-23-1139-74

REMOVING THE ELECTROMAGNETIC FIELD OF A LOW-F  
FREQUENCY DIPOLE IN ROCKS

CGORODNEYCHUK, LANGUAGE-RU COUNTRY-UR

PRIBORY I SISTEMY AVTOMATIKI 1969 KHAR'KOV U.  
PUB. #8,70-74

FSTC-HT-23-0907-74

Rudnev, K. N.

Current Soviet Instrument Building.

6 pp

PRIBORY I SISTEMY UPRAVLENIYA. Moscow, No 12,

Dec 1972, pp 1-2.

JPRS 61016

Silayev, V. N.

Technical Facilities of the Sirena-1 Data Link  
System.

10 pp

PRIBORY I SISTEMY UPRAVLENIYA, Moscow, No 4,

Apr 1973, pp 1-4.

JPRS 59662

Didenko, K. I.

Organizing the Interface of the Hardware of Local  
Data Control Systems With the M-6000 ASVT-M  
Computer Complex.

9 pp

PRIBORY I SISTEMY UPRAVLENIYA, Moscow, No 5,  
1973, pp 5-8

JPRS 59612



Shrykov, Yu. A.

Unified Computer System of the Socialist  
Countries.

12 pp

PRIBORY I SISTEMY UPRAVLENIYA, Moscow, No 9,  
1973, pp 4-7.

JPRS 61131

Shnykov, Yu. A.

Models of a Unified System of Electronic Computers.

20 pp

PRIBORY I SISTEMY UPRAVLENIYA. Moscow, No 10,

Oct 1973, pp 1-5.

JPRS 60906

Mergelov, G. S.

The Economic Reform in the Instrument Making  
Industry.

9 pp

PRIBORY I SISTEMY UPRAVLENIYA, Moscow, No 12,  
1973, pp 47-49.

JPRS 60875

RUSSIAN

PRS-  
62257  
6 pp

CSO: 8344/2199  
5 June 1974

ASVT-M Control Computer Complexes and the  
Future of Their Development, by B. N. Naumov  
Moscow, Pribory i Sistemy Upravleniya, No 4,  
1974, pp 4-5

Please publish

BESM-4 and SDS-1604A Computer Videodisplay and  
Its Application in Processing Spark and Bubble-  
Chamber Photographs, by A. I. Yefimova,  
G. I. Zabiyakin, 10 pp.  
RUSSIAN, per, Pribory i Tekhnika Eksperimenta,  
Moscow, No 4, 1971, pp 91-98.  
JPRS 58713

Apr 73

Lemberg, Ye. A.

Using Pulsed Ultraviolet-Waveband Gas Lasers  
to Switch Spark Gaps.

5 pp

PRIBORY I TEKHNIKA EKSPERIMENTA, Moscow, No 1,  
Jan 1973, pp 140-142.

JPRS 59677

Kurbatov, Yu. A.

Time Characteristics of Spark Gaps Activated  
by a Laser Pulse.

5 pp

PRIBORY I TEKHNIKA EKSPERIMENTA, Moscow, No 1,  
Jan 1973, pp 142-144.

JPRS 59677

REG TR CHECK

16-07-73

T059

ELECTRO-IONIZATION IMPULSE CO<sub>2</sub> LASER  
DANILYCHEV, V.A.; KERIMOV, O.M.; KOVSH, I.B.  
UR: PRIBORY I TEKHNIKA EKSPERIMENTA, NO: 1,  
1973, pp. not listed 184-185

*Primenen na*

*H574-23-0059*



PRIBORY I TEKNIKA EKSPERIMENTA, No.4, 1973,  
pp.207-208, 209-211, and 211-213.  
NAV/NISC/TRAN-3519-74

Belokon', M. V.

Organic Dye Accessory Inverter for LGI-21 Serial  
Nitrogen Laser.

4 pp

PRIBORY I TEKHNIKA EKSPERIMENTA, Moscow, No 5,  
1973, pp 191-192.

JPRS 62679

Yevdokimov, S. V.

Application of Lasers fro High-Speed Photography  
of Fast Processes.

5 pp

PRIBORY I TEKHNIKA EKSPERIMENTA, Moscow, No 5,  
1973, pp 193-195.

JPRS 62679

Kadymov, A. Kh.

Fabry-Perot Laser Interferometer For Measuring  
Plasma Density in Unsteady Flow.

5 pp

PRIBORY I TEKHNIKA EKSPERIMENTA., Moscow, No 5, 1973,  
pp 196-199.

JPRS 62679

Agency:

Library of Congress

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Title:

Use of water soluble methylcellulose  
in restoration of books and documents  
(over)

Author:

N.G. Belenkaja, E.N. Kusnetsova

Source:

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(attached) (over)

pp 114-118

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Russian

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*PRIKLADNAYA BIOKIMIYA MIKROBIOLOGIYA*

*APPLIED BIOCHEMISTRY AND MICROBIOLOGY*

*COVER TO COVER CONSULTANTS BUREAU*

*BEGAN WITH 1965 issues*

SOLOVY, V. I.

Isolation of Nitrite Reductase, from *Achromobacter*  
*guttatus*-921 and Examination of its Properties.

PRIKLADNAYA BIOKHEMIYA I MIKROBIOLOGIYA, vol. 6, no. 6

pp. 686-691, 1970.

ATS 31a131R

March 73

REQ TR CHECK

11-04-73

T516

APPLICATION OF THE METHOD OF LUMINESCENT  
ANTIBODIES FOR MICROBIOLOGICAL CONTROL  
OF FOOD INDUSTRIES: A REVIEW

UNKNOWN

UR: PRIKLADNAYA BIOKIMIYA I MIKROBIOLOGIYA  
VOL. 8, NO. 4, 1971, pp. 379-385

*Process in a*

*HS73-23-0467*

*neg  
17 APR 73*



CONTENT OF FREE NUCLEOTIDES IN AUTOLYZING MUS  
CLES OF FISH DURING GAMMA-IRRADIAT  
KLYASHTORIN, L. LANGUAGE-RU COUNTRY-UR  
*complete 9/6/73*

PRIKLADNAYA BIOKIMIYA I MIKROBIOLOGIYA, ISS.  
1, V. IX, 1973, 86-90.

FSTC-HT-23-0454-74

EXAMINATION OF IRRADIATED FROZEN EGGS DURING  
LONG-TERM STORAGE

*complete 7 pp*

POPKOV, V., YUN      LANGUAGE-RU      COUNTRY-UR

PRIKLADNAYA BIOKIMIYA I MIKROBIOLOGIYA, 1/IX  
1973, "NAUKA", 91-93

FSTC-HT-23-0455-74

Filippov, E. M.

Theory of Gamma-Gamma Logging.  
PRIKL. GEOFIZ. NO.17, pp.231-64, 1957.

A.T.S RJ-5960

Kantor, S.A.

Influence of Well Diameter on Neutron-Neutron  
Logging Instrument Indications.

PRIKL. GEOPIZ. No. 23, pp.174-92, 1959.

A.T.S. RJ-5939

Tal'yanskii, I.I.

Fundamentals of the Theory of Pulse Neutron  
Logging.

PRIKL. GEOFIZ. No.26, pp.113-36, 1960.

A.T.S RJ-5961

Salikhov, A.G.

Rapid Method of Calculating the Depth of Occurrence of Rectangular-Prism-Shaped Bodies Disturbing the Gravitational Field.

PRIKL. GEOFIZ. No.31, pp.230-47, 1961.

A.T.S RJ-5952

Polyakov, E. A.

The Theory of Transmission without Wires of Electrical Signals from the Bottom of the Hole to the Surface During Drilling.

PRIKL. GEOF. Z. No.32, pp.142-54, 1962.

A.T.S RJ-5955

Kal'var'skaya, V.P.

An Apparatus for Logging Magnetic Susceptibility.

PRIKL. GEOFIZ., No.33, pp.213-24, 1962.

A.T.S RJ-5951



Nentsov, L. D.

The Prospects of High-Precision Gravity Pros-  
pecting in the Search for Oil.  
PRIKL. GEOFIZ. No. 85, pp.142-56, 1962.  
A.T.S RJ-5948

Gorbik, G.K. et al

Machine Interpretation of Lateral-Logging  
Curves.

PRIKL. GEOFIZ. No. 39, pp.94-106, 1964.

A.T.S. J-5949

Kulinkovich, A.E. et al

The Location of Bed Boundaries and Identification of Sandstones on the Basis of Electric Well Logging Data with the Aid of Digital Computers.

PRIKL. GEOFIZ. No.39, pp.107-13, 1964

A.T.S RJ-5950

Oblogina, T. I.

The Spectral Make-Up of Diffracted Seismic Waves.

PRIKL. GEOFIZ., No. 42, pp.3-18, 1965.

A.T.S. RJ-5947

Soldiranov, N. K.

Lithological zonation of well sections and identification of reservoir rocks by means of computers

PRIMADNAYA GEOFIZIKA, n. 48, 1966, pp. 185-194

NTC 73-13094-083

Mikolaevskiy, E. Yu.

Evaluation of the Presence of Oil and Gas in  
Clayey Reservoirs from Logging Data.

PRIKL. GEOFIZ. No. 52, pp.192-201, 1967.

A.T.S. FJ-5310

Nikolaev, I. V.

A Correlation Technique For Reducing Recording of Transformed Passing Seismic Waves.

PRIKL. GEOFIZ. Vol. 53, pp. 62-70, 1968.

A.T.S. RJ-5300

Goldin, S. V.

Statistical correlation of a wave field  
with seismic characteristics of continuous  
and thin-layered media at normal incidence.  
PRIKLADNAYA GEOFIZIKA, 1969, pp 61-69, n. 57.  
NTC 73-12130-08K.



Gorbunova, V. P.

Absorption properties of consolidated two-phase media  
ПРИКЛАДНАЯ ТЕОРИЯ, n. 17, 1969, pp. 99-111

NTC 73-1334-05G

Petrovskiy, A.S.

Subsurface Radiowave Method Theory.  
PRIKL. GEOFIZ., N.65, pp.185-65, 1969.  
A.T.S. RJ-5923

*Slutskovskii, A. I.*

*Dynamic corrections for inclined reflectors*  
*ПРИКЛАДНАЯ ГЕОФИЗИКА, n. 58, 1970, pp. 74-78*

*NTR: 72-13087-20F*

Vesely, L.

Self-induction effect of effective length  
of multicoil induction logging probes.  
PRIKLADNAYA GEOFIZIKA, n. 59. p. 199-207,  
1970  
ATS as 27A129R

may 73

Borkovskii, G. M.

Primary trends in the development of  
digital recording and processing of  
seismic exploration data.

PRIKLADNAYA GEOFIZIKA, n. 60, p. 53-60, 1970.

ATS as 94A129R

may 73

GOLISMAN, F. M.

//FRIKLANNAYA GEOMIYAZA//

--/--/1972, V-----, NO005,

A Statistical Algorithm of a Common Depth  
Reflector for Multiple Profiling by the Method  
of Reflected Waves,

pp 7-20, NTC 74-10457-08 K99

NEG. TR CHECK 1-5-74 7381

REPORT ON PARAMETERS OF A MECHANIC ACTION  
 UPON THE CHARGED SURFACE OF THE CHARACTERISTIC  
 OF THE GENERATED ENERGY

MAKOROV, V. V.  
 1971. SPETSIALNAYA AGENTURA. VNEPOSTOVNYY  
 SVOYONKHO INDEPENDENTELY ENERGIY  
 SPETSIALNAYA AGENTURA. VNEPOSTOVNYY

*Handwritten signature and date:*  
 V. V. Makorov  
 1-5-74

Chaldayev, H. S.

Evaluation of Gravimetric Observations in Bore  
Holes.

PRIL. GEOFIZ., N85, pp.164-8, 1972.

A.T.S. RJ-5922



Lukavchenko, P. I.

The Feasibility of Measuring Gravity Variations  
in Boreholes.

PRIKL. GEOFIZ., No. 65, pp. 167-172, 1972.

A.T.S. RJ-5920

Мухоморова, Е.А.  
Calculation of the Effect of Relief of a Buried Density Interface on Values of Vertical Gravity Gradient.  
PRIKL. GEOFIZ., No.85, pp.173-86, 1977.  
A.T.S. RJ-5921

ZENOV, A. A.

//PRIKLADNAYA GEOFIZIKA//

--/--/1972, V----, N0086,

*Theoretical premises for using inverse and for  
filtration in the method of common depth points*

pp 73-82, NTC 74-11403-08X##

the new GRN-1 quartz generator, by B. V. Yashin,  
K. Ye. Venzlov et al.

Moscow, Priladnaya Geofizika, no. 68, 1972, pp 152-157

Please publish, include reproductions.

Korlov, E. A.

The Effect Of Smoothing And Interpolation In  
The Processing Of Seismic Survey Data.

PRIKL. GEOFIZ., VSES. NAUCHN.-ISSLED. INST.  
GEOFIZ. METODOV RAZVEDKI, SB. STATEI, No.48,

pp. 8-24. 1966

A.T.S. RJ-5301

FOR THE OFFICE

7-27-74

ITEM-1

EXAMINATION OF THE EFFECT OF SOME SURFACE NON-EXPLOSION  
DEFENSIVE SCHEMES,

WATSON V. T., POLSANO W. K., SMITHSON V. A.,

THE PRINCIPAL INVESTIGATORS. VIEWS. THE OFFICE. MEMORANDUM

NO. 60, 1974, 19-50-55

NO. 60, 1974, 19-50-55

*FTD-MT-24-0015-75*

Baev, A.K. et al.

Study of the Thermal Decomposition of Iron Tetracarbonyl.

PRIKL. KHIM. 1972, V.4, pp.25-33.

BISI 11921

Dudkin, M.S.

Preparation of Polyaldehyde Starch and Synthesis  
of Its Derivatives

PRIKLADNOI KHIMII, Vol 45, No 9, 1972

\*NTIS-TT-74-53264



KARSHV, L. V.  
//PROKLADNAYA MATEMATIKA I KIBERNETIKA//  
--/--/1973, V-----, N-----,  
Method of differentiation with respect to a  
parameter in the theory of periodic solutions  
to differential equations 8 pp  
pp 61-64 AIR/FTD/HT-23-2060-74#

LEBIDEV, V. L.

//PRIKLADNAYA MATEMATIKA I KIBERNETIKA, //

--/---/1973, V-----, N-----.

On the analysis of linear nonsteady-state  
systems by the integral transforms method 4 pp  
pp 20-21, AIR/FTD/HT-23-2061.-7400

VALEYEV, K. G.

//PRIKLADNAYA MATEMATIKA I KIBERNETIKA, //

--/--/1979, Vol. 1, No. 1

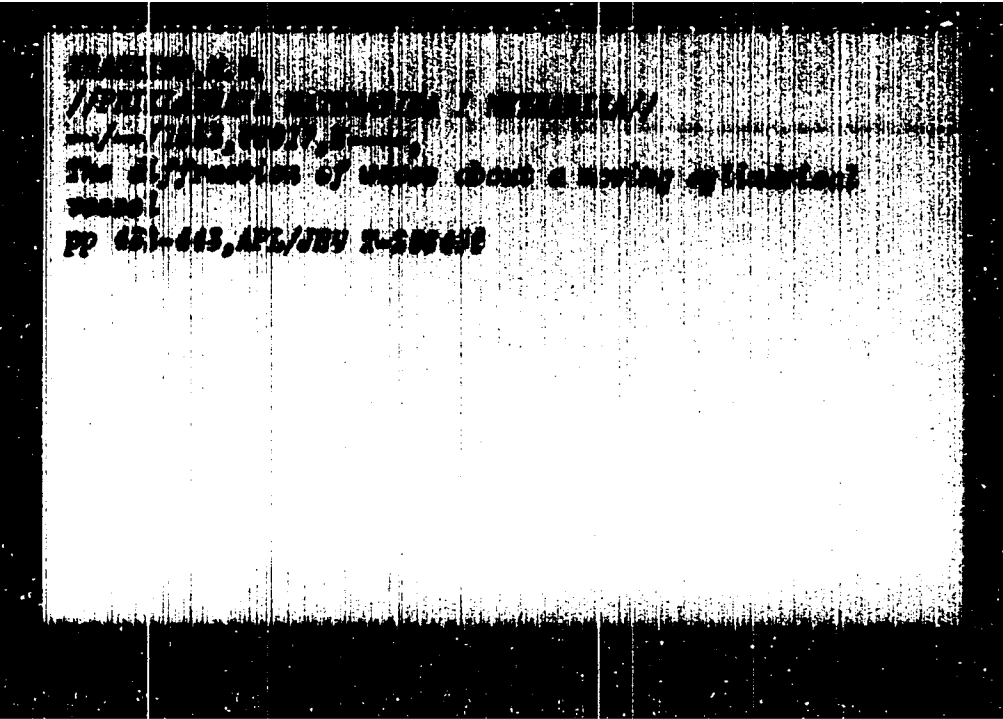
Study of the stability of solutions to a  
quasisteady state system of linear differential  
equations with quasiperiodic coefficients 6 pp  
pp 114-117, AIR/FTD/HT-23-2062-7400

Tsyvix, P. V.

Application of the perturbation method to solve problems of the natural vibrations of nearly rectangular plates.

INSTITUT MEKHANIKA AKADEMII NAUK SSSR, PRIKLADNAYA  
MATEMATIKA I MEKHANIKA, Vol. 16, 1952, pp 349-351.

NAL-TR-81



DYNAMIC METHOD OF INVESTIGATING STABILITY OF  
A COMPRESSED ROD

DEYNEKU, K., LE      LANGUAGE-RU      COUNTRY-UR

PRIKLAD. MAT. I MEKHANIKA, TOM XIX, 1955, #6,  
738-744

\*  
FSTC-HT-23-0845-74

Gotlib, TS. A. and Prokopyev

Equation of equilibrium of a plate of variable thickness.  
AN ISSR, PRILADNAYA MATEMATIKA I MEKHANIKA, Vol 34,  
No 2, 1970, pp 332-338.

HAL-TR-115

Time Optimal Problem in Systems With Control Forces of  
Limited Magnitude and Pulse, by A. M. Formal'skiy, 22 pp.  
PRIKLADNAYA MATEMATIKA I MEKhanIKA, Vol. 34, 1970,  
pp 836-849.  
ARM/FS'IC/HT-23-1036-72

Feb 73



11-Sep-73

Uncl (MLM--2084(tr)) Steadiness of convective  
currents of binary mixtures in plane thermodiffusion  
columns. NIKOLAEV, B.I.; TUBIN, A.A. Translated from  
~~Pril. Mat. Mekh.~~ 35: No. 2, 248-254(1971). 11p.  
Dep. NTIS \$4.00.

07A chemical engineering; translations  
MN-4 P NSA

Some Solutions of the Laimar Boundary-Layer Equations  
with Strong Injection, by V. N. Filimonov.  
PRIKLADNAYA MATEMATIKA I MEKHANIKA, Vol 36, No 4,  
1972, pp 647-658.  
NAVY/APL/JHU-T-2723

June 73

UNKNOWN

//PRIKLADNAYA MATEMATIKA I MEKANIKA//

--/--/1973, V0037, N-----

Journal of Applied Mathematics and Mechanics  
C/C translation being done by Pergamon Press Ltd.  
and supplied approx. 12 months after Russian  
Journal is published. A Bi-Monthly.

Per Letter 10 May 197400

Armenyan, Ia. A.

Echo signal of a finite spherical pulse from an elastic cylindrical shell.

PRILADAYA MATEMATIKA I MEKANIKA, Vol 87, No 2, 1973,

pp 271-281

MSC 73-14120-20X

Z-7786

BRITANOVICH, A. I.

//PENTACADHAMA MATHEMATIKA I BRITANOVICH//

---/1952, VOLUME, NO 215.

Generalized Similarity Laws for the Fluctuation  
Indices under Assumption of the "Isolated-Element  
Law",

PP 257-262, APL/JHU 0-285108

APL/JHU T-1936

BUREVIN, A. A.  
//ПРИКЛАДНАЯ МАТЕМАТИКА I МЕХАНИКА//  
---/---/1973, V0037, N0003,  
On Shockwave Propagation in an Elastic Medium  
under Plane Finite Strain,  
pp 900-904, NTC 74-10418-01A@@

REC TR CHECK

9-05-73

TQ23

WAVES IN AN INCOMPLETELY ELASTIC MEDIUM

SAEODASH, P F

UR: PRIKLADNAYA MATEMATIKA I PROGRAMIROVANI

YE, NO. 3, 1970, PP. 70-78

*In process as*

*HT-23-2606-74*

*PRIKLADNAYA MEKHANIKA*

*SOVIET APPLIED MECHANICS*

*COVER TO COVER CONSULTANTS BUREAU*

*BEGAN WITH 1966 ISSUES*



Bivin, Yu. K.

Carrying capacity of cylindrical shells subjected  
to dynamic external pressure.

PRIKLADNAYA MEKHANIKA. KIEV, Vol 6, No 10, 1970,  
pp 28-34.

NTC 73-11354-20K

Grigolyuk, E. I.

State of the art of the theory of multilayer shells.  
PRIKLADNAYA MEKhanIKA, KIEV, Vol 8, No 6, 1972,

pp 3-17.

NTC 73-11351-20K

Zadoroznyi, V.F.

Estimation of the influence of couplings between subsystems on the stability of a linear non-stationary system.

PRIKLADNAYA MEKhanIKA, Vol. 8, No. 9, pp.65-71, 1972.

\*APL/JHU J-1872

BUIVOL, V.N.

//PRIKL. MEKH.//

--/--/1974, V0010, N0007, pp 0120-0125,

Deformation of Thin Three-Dimensional Caverns in  
a Gravity Fluid under the Effect of Lift on the

Cavitator, 5 pp

CIA/X-7924

##

Savin, G.N. and Van Foff, G.A.

Stress distribution at an elliptical hole in a plate of fibrous material.

AKADEMIYA NAUK UKRAIN SKOI SSSR, PRIKLADNAYA MEKhanIKA,  
Vol. 2, No 5, 1966, pp 5-11.

NAL-TR-51

Podstrigach, Ya. S. and Ozadchuk, V. A.

Thermal stresses in an infinite stringer-reinforced  
cylindrical shell.

PRIKLADNAYA MEKhanIKA, Vol 4, No 5, pp 19-27.

NAL-TR-29

Van Puff, G.A.

Stress concentration around holes in three layer shells.  
AKADEMIA NAUK UKRAINSKOI SSR, PRIKLADNAIA MEKHANIKA,  
Vol 5, No 2, Feb 1969, pp 51-61.

HAL-TF-70

REQ TR CHECK . 14-08-73 T270

RANDOM DISTURBANCES OSCILLATIONS OF MULTI-  
MASS SYSTEMS DURING KINEMATIC  
LAZARYAN, V.A.; USHKALOV, V.F.  
UR: PRIKLADNAYA MEKHANIKA, VOL. 6, 1970,  
NOV, pp. 110-113

*c/c Review Press*

*Process in as*

*HS74-23-0270*



Kovalenko, A.D. and Vovkody, I.I.

Application of the generalized hypergeometric functions  
in the thermoelastic cylindrical shell of variable  
thickness.

PRIKLADNAIA MEKHANIKA, Vol 6, No 5, 1970, pp 114-199

NAL-CR-87

ONETSINSKAYA, B.B.

//PRIKLADNAYA MEKHANIKA//

--/--/1970, N0006, N0010

Propagation of Short Waves in a Cylindrical Shell, 8 pp

no pp given, ARN/FSTC-HT-23-404-7200

REQ TR CHECK

7-08-73

T211

THE ACOUSTIC CONDUCTANCE OF THE COMBUSTION  
SURFACE OF A SOLID FUEL MIXTURE  
SULIMA, I.M.

UR: PRIKLADNAYA MEKHANIKA, VOL. 8, No. 2,  
1972, pp. 100-107

*C/C P. L. L. L. L.*

*Process in case*

*HS 74-23-0211*

REC TR CHECK

15-01-74

TE92

REACTION OF A GLASS PLASTIC CYLINDRICAL  
SHELL TO EXPLOSIVE SHOCK LOAD  
NEMTA, A.A.; OYERIMENKOV, V.R.  
SP: PRIKLADNAYA MEKANIKA, VOL. 8, NO. 8,  
1972, PP. 80-85

*Process in case*

HT 74-23-1488

Zachorozhnyi, V.F.

Evaluation of the influence of couplings between sub-systems on the stability of a linear nonstationary system.

Prikladnaya Mekhanika, Vol. 8, No. 9, pp.65-71, 1972.

APL T-2779

Lebedev, A. I. and Melnik, A. A.

Vibration of cylindrical shells of variable thickness  
and stiffness.

AKADEMIYA NAUK UKRANINSKOI SSSR, PRIKLADNAYA MEKHANIKA  
Vol 7, No 6, 1971, pp 43-48.

NAL-TR-97

Valikov, K.V. and Gots, A.E.

Calculation of natural frequencies of spherical shells.  
AKADEMIYA NAUK SSSR, FIZIKALAYA MATEMATIKA,  
Vol 17, No 6, 1971, pp 49-51.

NAL-TR-98

Lutovoi, P.Z.

Stress concentration around a circular hole in a conical shell.

AKADEMIYA NAUK UKRAINSKOI SSSR, PRIKLADNAYA MEKHANIKA,  
Vol 7, No 2, 1971 pp 63-70.

NAL-TR-84



Kortun, A. V.

Vibration of a cylindrical shell due to random loading.  
AKADEMIYA NAUK UKRAINSKOI BSSR, PRAKLYADNATA MEKHANIKA,  
Vol. 7, No 2, 1971, pp 117-122.

NAL-TR-93

Lur'ovoi, P.Z.

Torsion of a conical shell, weakened by a large circular hole.

PRIKLADNAYA MEKHANIKA, Vol 7, No 5, pp 116-120.

NAL-TR-91

Voik, S. I.

*Cyclic symmetric strain of shells of revolution with  
meridian ribs*

PRIKLADNAYA MEKHANIKA, v. 7, n. 8, 1971, pp/ 16-23

NTC 72-13959-20K

Khrushchenko, A. N. and Kharitonko, A. S.

On the problem on vibrations of shell with concentrated mass.

AKADEMIA NAUK UKRAINSKOI SSSR, PRILADNAYA MEKHANIKA,  
Vol 3, No 1, pp 22-26.

NAL-TR-124

Repin, A.A.

Free vibration of conical shells with different boundary conditions.

AN UKRAINSKOI SSSR, PRIKLADNAYA MEKHANIKA, Vol. 8, No. 1, 1972, pp 35-40.

NAL-TR-125

Kozlov, V.E.

Thermoelastic vibration of a rectangular plate.

PRIKLADNAYA MEKHANIKA, Vol. 8, No 4, pp 123-127.

NAL-TR-155

Shablyi, O. N.

On the steady creep of shells of revolution in the  
tresk criterion case.

PRIKLADNAYA MEKHANIKA, Vol 8, No 5, p. 13-20, 1972.

NTC 73-10612-20K

may 73