

TT-64-10976

Van'yan, L. L., Kaufman, A. A., and Terekhin, E. I.
CALCULATING THE FREQUENCY-SOUNDING PHASE
CURVES BY THE TRANSFORMATION METHOD.
[1964] 9p 5 refs
Order from GTS, SLA, or ETC \$1.10 TT-64-10976

- I. Van'yan, L. L.
- II. Kaufman, A. A.
- III. Terekhin, E. I.

Trans. of Prikladnaya Geofizika (USSR) 1961, no. 30,
p. 103-114.

(Earth Sciences--Geodesy, TT, v. 12, no. 1)

Office of Technical Services

63-17762

Salkhov, A. G.
RAPID METHOD OF CALCULATING THE DEPTH OF
OCCURENCE OF RECTANGULAR-PRISM-SHAPED
BODIES DISTURBING THE GRAVITATIONAL FIELD,
[1963] 13p.
Order from ATS \$14.25 ATS-83Q69R

I. Salkhov, A. G.
II. ATS-83Q69R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Trans. of Prikl[adnaya] Geofiz[ika] (USSR) 1961, no. 31,
p. 230-247.

DESCRIPTIONS: *Gravity anomalies, Prismatic bodies,
Mathematical analysis.

(Earth Sciences--Geodesy, TT, v. 10, no. 6)

Office of Technical Services

Polyakov, E. A.
THE THEORY OF TRANSMISSION WITHOUT WIRES
OF ELECTRICAL SIGNALS FROM THE BOTTOM OF
THE HOLE TO THE SURFACE DURING DRILLING.
[1963] 11p.

Order from ATS \$16.25

ATS-51Q68R

Trans. of Prikladnaya Geofizika (USSR) 1962, no. 32,
p. 142-154.

DESCRIPTORS: *Well drilling, Surfaces, Boreholes,
*Communication systems, Electrical equipment, Sig-
nals, Transmission, Theory, *Well logging.

(Engineering, IT, v. 10, no. 6)

63-17334

- I. Title: Boring
- I. Polyakov, E. A.
- II. ATS-51Q68R
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Glumov, I. F. and Dobrynin, V. M.
VARIATION IN ELECTRICAL RESISTIVITY OF
WATER-SATURATED ROCKS UNDER THE INFLU-
ENCE OF ROCK AND FORMATION PRESSURE.
[1963] 15p.
Order from ATS \$10.75

ATS-64Q71R

Trans. of Prikl[adnaya] Geofiz[ika] (USSR) 1962, no. 33,
p. 190-204.

DESCRIPTORS: *Rock (Geology), *Resistance (Electri-
cal), Water, Impregnation, Pressure, *Geophysics.

(Earth Sciences--Geology, TT, v. 11, no. 1)

TT-63-22351

- I. Glumov, I. F.
- II. Dobrynin, V. M.
- III. ATS-64Q71R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Orlov, L. I. and Gimaev, R. S.
EFFECT OF OVERBURDEN PRESSURE ON THE
ELECTRICAL RESISTIVITY OF CARBONATE ROCKS.
[1963] 5p
Order from ATS \$6.75 ATS-65Q71R

Trans. of [trik] [atraya] Geofizika (USSR) 1962,
no. 33, p. 206-212.

DESCRIPTORS: *Carbonate minerals, *Rock (Geology),
Loading (Mechanics), Electrical properties,
*Resistance (Electrical), Weight, Pressure,
*Geophysics.

(Earth Sciences--Geology, TT, v. 10, no. 10)

63-22581

I. Orlov, L. I.
II. Gimaev, R. S.
III. ATS-65Q71R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Kal'varakaya, V. P. and Lonskii, A. V.
AN APPARATUS FOR LOGGING MAGNETIC
SUSCEPTIBILITY. [Jan 64] 11p

Order from ATS \$10.85

ATS-64Q73R

Trans. of Prikl[adnaya] Geofiz[ika] (USSR) 1962, no. 33,
p. 213-224.

DESCRIPTORS: *Well logging, Magnetic properties,
Geophysical prospecting.

(Earth Sciences--Geology, TT, v. 11, no. 10)

TT-64-12404

- I. Kal'varakaya, V. P.
- II. Lonskii, A. V.
- III. ATS-64Q73R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

On the Separation of Low Intensity Waves With the
Aid of the Adjustable Directional Reception Method
(ADR), by L.A. Ryabinkin, V.V. Znamenskii. 19 pp.
RUSSIAN, per, Prikladnaya Geofizika, No 34, 1962,
pp 3-22.

OTS-TT-63-27103

Sci/Earth Sci
May 67

326,768

Nemtsov, L. D.
THE PROSPECTS OF HIGH-PRECISION GRAVITY
PROSPECTING IN THE SEARCH FOR OIL. [1963] 11p
Order from ATS \$14.85 ATS-92Q71R

Trans. of Prikl[adnaya] Geofiz[ika] (USSR) 1962, no. 35,
p. 142-156.

DESCRIPTORS: Oils, *Geophysical prospecting,
Gravity, Precision equipment.

(Earth Sciences--Geology, TT, v. 11, no. 3)

TT-63-22927

I. Nemtsov, L. D.
II. ATS-92Q71R
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Evaluation of Accuracy of Gravimetric Maps, by
M. V. Abdulov. 253p
RUSSIAN, per, Prikl Geofizika, No 36, 1963.
ACIC
TC-833

Sci - Earth Sci & Astron
Dec 64

269,729

Influence of Vertical Accelerations on Gravimeter
Readings, by V. O. Bargamyants. *25 3 pp*
RUSSIAN, per, Prikl Geofizika, No 36, 1963.
ACIC
TC-834

Sci - Earth Sci & Astron
Dec 64

269,730

Variation of Gravimeter Readings Under the Effect
of Vertical Oscillations of Its Base, by P. I. Lukavchenko.
RUSSIAN, per, Prikl Geofizika, No 36, 1963. *253 pp*
ACIC
TC-835

Sci - Earth Sci & Astron
Dec 64

269,731

A Statistical Estimate of the Accuracy of
Averaging up the Disturbed Value of the
Gravitational Acceleration for a Finite
Period of Time, by Ya.A. Zhuravskiy.
RUSSIAN, par, Prilozheniya Geofizika, No. 37,
pp. 135-145, 1963.
AGID-TC-1066

E. Sci
Aug 66

303,694

A. Ye. Kulinkovich

Demarcation of Stratal Boundaries and Identification
of Sandstones by Means of Digital Computers
According to Electric Logging Data.

RUSSIAN, per, Prikladnaya Geofizika, No 39, 1964,
pp 107-113.

WFO 72-1-058-06G

Nov 72

Measurement of Elements of the Gravitational
Field While in Motion, by K. Ye. Veselov, 10

pp.

RUSSIAN, per, Priladnaya Geofizika, No 40,
1964, pp. 120-125.

JPRS 30234.

USSR

Sci-EB/A

Jun 65

231,263

Ginzburg, I. P.
APPLIED FLUID DYNAMICS, tr. by Albert Barouch.
1963, 258p. 69 refs. PL-480 NASA; NASA TT-F-94.
Order from OTS \$2.75 62-11032

Trans. of mono. Priladnaya Gidrogazodinamika,
Leningrad, 1958 [337p.].

DESCRIPTORS: *Fluid mechanics, *Hydrodynamics,
*Hydraulic research, Equations of motion, Fluid flow,
Pipes, Stability, Turbulence, Gas flow, Friction,
Continuum mechanics.

This book discusses some of the problems of fluid
mechanics which are frequently met with in the
engineering design of various machine assemblies and
engineering installations. The author examines the
steady and unsteady flow of liquids and gases in pipes,
their efflux from vessels, problems of the determina-
(Mechanics-Hydraulics, TT, v. 9, no. 12) (over)

62-11032

- I. Ginzburg, I. P.
- II. PL-480 NASA (62-11032)
- III. NASA TT-F-94
- IV. National Science
Foundation,
Washington, D. C.

Office of Technical Services

Applied Fluid Dynamics, by I. P. Ginzburg, 258 pp.
RUSSIAN, bk, Prikladnaya Gidrogazodinamika,
1958.

NASA TT-F-94
PL-480

Sci - Physics
Jul 63

236,221

Applied Magnetic Hydrodynamics, 139 pp.

RUSSIAN, bk, Prikladnaya Magnitogidrodinamika, 1956,
131 pp.

APIC #TS-9981/V

Sci - Physics
Nov 59

102,427

The Application of Galerkin's Method to the
Problem of the Steadiness of the Flow of a
Viscous Liquid, by G. I. Petrov.

RUSSIAN, per, Prikladnaya Matematika i Mekhanika,
Vol 4, No 3, 1940, pp 3-11.

NLL RTS 3160

Sci - Mech
Sept. 67

340,383

On the mechanics of plastic solids by Applied Mathe-
matics and Graduate Division, Brown University
U.S. Navy Dept. David W. Taylor Model Basin
Providence, R.I. MSB-15 1947 8p

Exacts. from Prikladnaia Matematika i Mekhanika 4, 37-
42 (1940)

REF 52,708

659.1-T
General
53-T

Development and Present State of the Theory of
Plasticity, by G. K. Genki, 11 pp.

RUSSIAN, no per, Prik Mat i Mekh, Vol IV, No 3,
1940, pp 31-35.

Sci Tr Center RT-239

Scientific - Physics

10,131

On the Mechanics of Plastic Media, by
L. M. Kachanov,
CONFIDENTIAL
RUSSIAN, per, Prilozhenie i Mekh, Vol IV, No 3,
1940, pp 37-42.
CIA X-6352

Sci-Tech
Aug 67

338,190

The Pressure of a Plastic Solid on a Rigid Wedge,
by V. V. Sokolovskiy, 24 pp.

RUSSIAN, per, Prik Mat i Mekh, Vol IV, No 5-6, 1940,
pp 19-34.

Sci Trans Center RT-278

10,912

Scientific - Physics
CTS/DEX

On the Application of Hooke's Law to Rubber, by N. I. Glagolev, 9 pp.

RUSSIAN, Per. Prik Mat i Mekh, Vol IV, No 5-6, 1940, pp 123-127.

Sci Trans Center RT-283

Scientific - Physics
CTS/DIX

10,899

Plane Strain in the Case of Linear Strain Hardening, by
A. Yu. Izhlianskiy, 24 pp.

RUSSIAN, no per, Prik Mat i Mekh, Vol V, No 1, 1941,
pp 57-70.

Sci Tr Center RT-355

Scientific - Physics

10, 128

Prick Mat, Mark 4

Vol 5, # 2

(1/41)

Influence of Period of Lattice on Hydrodynamic
Characteristics

N. E. Kochin

In process - AMIC
(Section - p. 51)

17-766

Construction of Airfoils by the Hodograph Method,
12 pp. by L.A. Simenov

RUSSIAN, pdf, Prikl Matemat i Mekh, Vol V, No 2,
1941, pp 193-222.

Sci Tr Center

~~SECRET~~

HT-1166

Scientific - Mathematics

18,941

Prilozheniya

vol 5, # 3

(1941)

on Integral Methods in Theory of Boundary Layers
L. S. Lytzensky

In process - 1941
(recom - Jan 51)

On B. G. Galerkin's Method in the Calculus of Variations and the Theory of Elasticity, by I. A. Perel'man.
UNCLASSIFIED

RUSSIAN, per, Prik Matemat i Mekh, Vol V, No 3, 1941,

*Navy/APL

Sci - Physics
Feb 60

The Plastic-Elastic State of Solids, by L. M. Kachanov,
~~Excerpt~~ 13 pp.

RUSSIAN, no per, Prik Mat. i Mekh, Vol V, No 3, 1941,
pp 431-438.

Sci Tr Center RT-282

Scientific - Physics

10, 130

Application of the Theory of Plasticity to the
Rolling of Metals, by K. N. Shevchenko, 20 pp.

RUSSIAN, no per, Prik Mat i Mech, Vol V, No 3,
1941, pp 439-452.

Sci Tr Center RT-348

Scientific - Physics

10, 135

On Integral Methods in the Theory of the Boundary
Layer, by L. G. Loytyanskiy.

RUSSIAN, per, Prik Mat Mekh, Vol 5, 1941,

pp 453-470.

SAEC 127-64

(ANL - Memo 579

Sci-Math
Jul 68

Three Dimensional Flow in Hydraulic Turbines,
by L. A. Simonov, 33 pp.

RUSSIAN, trans. per, Prikl Matemat i Mekh, Vol V,
No 3, 1941, pp 471 - 488.

AMC F-TS-7476

Scientific - Engineering

Dec 1951 CTS

Application of Galerkin's Method to the Socalled
Procedure of Reduction to Ordinary Differential
Equations, by L. V. Kantorovich.

RUSSIAN, per, Fizmatgiz, Vol 6, 1942,
pp 31-40.

AEC ANL-Trans-578

Sci-Math
Jul 68

357,315

Theory of Stability of Thin Elastic Anisotropic Plates of Variable Rigidity, by P. G. Shulezhko.
RUSSIAN, per, Prikladnaya Matematika i Mekhanika, Vol 7, No 2-3, 1942, pp 139-150.
*NASA TT F-11,346

Sci-Mech
Jan 68

Variational Principles for Elastic-Plastic
Solids, by L. M. Kachanov, 18 pp.

RUSSIAN, per, Prikl Matemat I Mekh, Vol VI,
1942, pp 187-196.

Sci Trans Center
RT-1954

Scientific - Physics

Jan 55 CIB/DEX

20,883

On a Problem of Elastic-Plastic Torsion, by
V. V. Sokolovskiy, 11 pp.

RUSSIAN, per, Fizik Matemat i Mekhanika, Vol
VII, Nos 2, 3, 1942, pp 241-246.

~~RESTRICTED~~

SCI Tr Center
RT-1955

20,397

Scientific - Mathematics

Jan 55 CTB/DEX

On the Distribution of Stresses in a Rolled
Bar, by M. K. Shevchenko, 19 pp. UNCLASSIFIED

RUSSIAN, per, Prik Matemat i Mekh, Vol VI,
No 5, 1942, pp 361-394.

Sci Tr Center
RT-1797

Scientific - Physics

Jan 55
Revised CTS

20,540

I. Malkin

Some basic theorems of the theory of stability of
motion in critical cases, 50 pp
RUSSIAN per, Prikladnaya Matematika i Mekhanika,
1942 Vol 6, pp 411-448

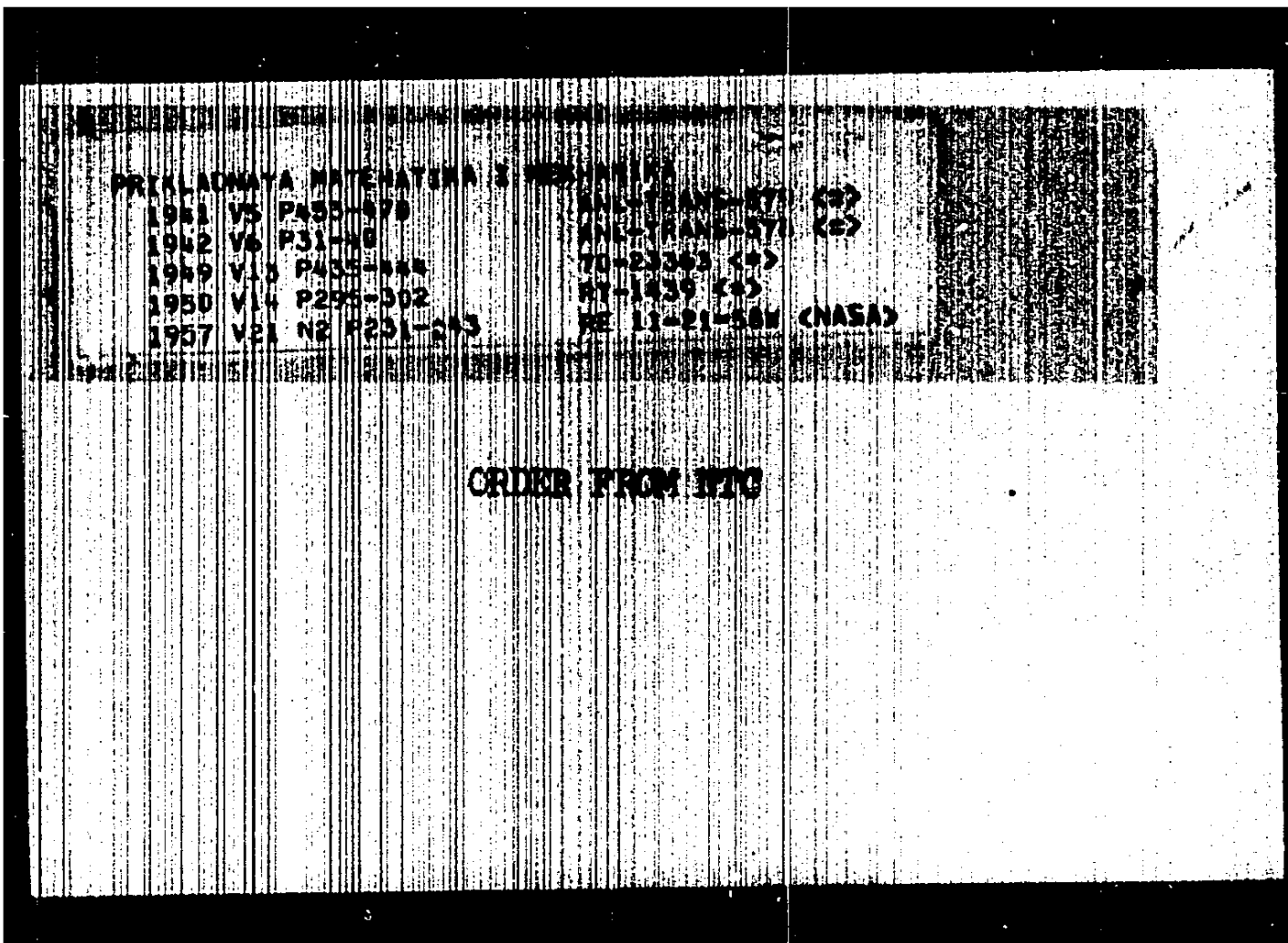
M. G. M. Math. Lib. No. 52/1087

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Apr 18 1956

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Math. Lib.



Boundary Layer in Compressible Gas, by A. Dorodnitsyn,
65 pp.

Full translation.

RUSSIAN, no par, Prikl Matemat i Mekh, Vol VI, No 6,
1942, pp 449-506.

MACA N-12716

Sci - Chem

DEK

Deflection of a Semi-infinite Plate Lying
On an Elastic Foundation, by G. S. Shapiro.

RUSSIAN, mime per, Priklad Matemat i Mekh,
Vol VII, 1943.

OGE Tr 48

Scientific - Geophysics

CBS 65/Feb 55

21, 425

Chetaev, N. G.
ON SUFFICIENT CONDITIONS OF STABILITY OF
ROTARY MOTION OF A PROJECTILE. [1963] 28p
(formulae omitted) 2refs
Order from OTS, SLA or ETC \$2.60 TT-63-20579

Trans. of Prikladnaya Matematika i Mekhanika (USSR)
1943, v. 7, p. 81-96.

DESCRIPTORS: *Projectiles, Stability, Rotation, Ve-
locity, *Ballistics, Projectile trajectories, Complex
variables, Euler's angles, Partial differential equations,
Differential equations.

(Engineering--Ordnance, TT, v. 11, no. 4)

TT-63-20579

I. Chetaev, N. G.

Office of Technical Services

On the Stability of the Visco-Plastic Flow in a Strip
and in a Cylindrical Bar, by A. Yu. Izhinskiy,
~~30~~ ~~109-130~~

RUSSIAN, per, Prikl Matemat i Mekhanika, Vol VII, No 2,
1943, pp ~~109-130~~ 109-130

Sci Tr Center
RT-1080

Scientific - Physics

15,383

Trish Mate i. Mekh, Vol 7, 1943.

*"Elastic-Plastic State of Stress of a Tube
Under the Action of Uniform Internal
And External Pressure"*

Done in A. B. by ACSIL (Admiralty)

49/4663

Y 21552T

See Index Aero, May 1950, p 62

Trak Mate & Mekk, Vol 7, No. 3, p 155, 1943.

"The Approximate Solution of Certain Problems of Stability of a Thin-Walled Conic Shell with a Circular Cross-Section"

Done in S. B. by ACSIC (Admiralty)

49/4670

p 212557

See Index Aero, May 1950, p. 63

The Determination of Latent Roots and Invariant
Manifolds of Matrices by Means of Iterations,
by K. A. Semendyaev

RUSSIAN, per, Prik Mat i Mekh, Vol VII, 1943,
pp 293-322.

Av @ Brookhaven Nat Lab

Scientific - Mathematics

Shooting and Drawing at High Speeds, by A. Yu. Izrael, 9 pp. UNCLASSIFIED

Transektsion, part, Prikladnaya Matematika, Vol VII, No 3, 1943, pp 226-230.

Sci Tr Center
RT-1072

Scientific - Physics

15,376

Recent Problems in the Theory of Plastic Deformations,
by A. A. Il'yushin, 52 pp. ~~SECRET~~

RUSSIAN, par. Prikl Matemat i Mekhanika, Vol VII,
no 4, ZHUR 1948, pp 245-272

Sci Tr Center
RF 1082

Scientific - Physics

SB/193/535

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DATE 11/19/83 BY SP-6/BJL

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15,381

Novozhilov, V. and Finkel'stein, R.
ON THE ERROR OF THE KIRCHHOFF HYPOTHESIS
IN SHELL THEORY (O Pogreshnosti Gipotez Kirkhgofa
v Teorii Obolochek). [1962] [31]p. 7 refs.
Order from OTS or SIA \$3.60 62-16104

Trans. of Prikladnaya Matematika i Mekhanika (USSR)
1943, v. 7, no. 5, p. 331-340.

DESCRIPTORS: *Elastic shells, Theory, Errors,
Elasticity, Deformation, Stresses, Transformations
(Mathematics), Differential equations, Mechanics.

For the purpose of elucidating the inaccuracies men-
tioned in the title of this paper the authors develop a
theory of shells independent of the Kirchhoff and Love
hypothesis. This theory generalizes and extends the
earlier treatments published by Basset and partly by
Kilchevsky. The results obtained lead to the conclu-
(Mechanics, [1], v. 8, no. 5) (over)

62-16104

- I. Title: Kirchhoff Hypothesis
- I. Novozhilov, V.
- II. Finkel'stein, R.

Office of Technical Services

The Pulling Force during Rolling, by K. N.
Shevchenko, 9 pp UNCLASSIFIED

RUSSIAN, per, Prikl Matemat i Mekhanika, Vol VII,
No 5, 1943, pp 389-392.

Sci Tr Center
RT 1119

Scientific - Physics

15,374

Equilibrium of an Elastic Symmetrically
Loaded Spherical Shell, by A. I. Lur'ye.
RUSSIAN, per, Priklad Matemat i Mekh, Vol VII,
1947, pp 393-404.
HCRA - Ex - 1242(L)

Sci - 23
Oct 65

288,078

6 Stability of Visco-Plastic Flow of a Circular Slab,
by A. M. Lichitskiy, 24 pp UNCLASSIFIED

RUSSIAN, ruz, Prikl Matemat i Mekhanika, Vol VII,
No 6, 1943, pp 405-412.

Scientific - Physics

15,382

A Direct Method of Computing the Vector
and Tensor Derivatives in Orthogonal
Systems of Curvilinear Co-ordinates,
by D. I. Kutilin.

RUSSIAN, per, Prikl. Matem. i Mekhan.,
1943, Vol 7, pp 431-438.

NLL 9022.551 1964 (261) (On loan)

Aug 65

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Greek Math & Mech, Vol 7, 1944.

"The Stability of Plates and Shells Stressed
Beyond The Elastic Limit"

Done in G. B. by ACSIL (Admiralty)

49/4664

215531

^{Index}
See also, May 1950, p. 62

Arch Mater i Mekh, Vol 5, 1944

"Elastic - Plastic Bending of Circular
Plates and Rings"

Done in S. B. by AC 512 (Admiralty)

49/4660

F 21549T

See Index Aero, May 1950, p 62

Prick Mat i Mak4

Vol 3

(1944)

Propagation of Plane Impact Wave due to Ordinary
Explosion Near a Rigid Wall

A. G. Grit

In Process - HAD
(Telecom - 1944)

Publ. Mat. ; Act 67

Vol 8

(1988)

Influence of Point of Ignition on Parameters of
Air Impact Wave Spreading Due to Detonation
of Gas Mixture
A. A. Gorkh

Dr. Gorkh - A.M.C.
(Tel. 51)

On the Application of the General Theory of
Elasticity to Thin Shells, by A. L. GURGENYAN
DOKL. 2. p. Gal'denweiser

RUSSIAN, Izv. Akad. Nauk SSSR, Ser. Fiz.-Mat. Nauki, Vol VIII, No 1,
1944, pp 3-14.

76, 732

Sci Trans Center
RT-2382

Scientific - Physics

Aug 55 CTS/DEX

Approximate Theory of Elastic-Plastic Deformations
of Shells With Axial Symmetry, by A. A. Il'iushin,
20 pp.

RUSSIAN, per, Prik Mat i Mekh, Vol. VIII, No 1, 1944,
pp 15-24.

Sci Trans Center IT-556

Scientific - ~~XXXXXXXXXX~~ Physics
CTS/DEM

10,978

Motion of a Viscous Fluid in a Longitudinally
Vibrating Pipe, by G. V. Aronovich, 10 pp.

UNCLASSIFIED

RUSSIAN, bino per, Prik Matemat i Mekh, Vol VIII,
1944, pp 79-83.

AMC F-TS-7480

Sci Tr Center RT-942

Scientific - Physics, math

CIA 686008

Nov 51 CTS

14,553

The Wave Resistance of Bodies in Supersonic
Flow, by S. Z. Belen'kiy, 9 pp.

RUSSIAN, bino per, Prik Mat i Mekh, Vol VIII,
No 1, 1944, pp 84-87.

DTIC 68-20148

Sci Tr Center
RT-3923

Sci - Physics
Sep 56 CTS/dsx

39, 123

Part VIII (5) 1944

Vladimir

Comparative of Thin Walled
Pneumatic Shells

(NACA Technical Memo (12-34) 571 pp June 1944)

Basic Differential Equations in General Theory
of Elastic Shells, by V. S. Vlasov, 29 pp.

RUSSIAN, Prilozh. Matemat i Mech, Vol 8, 1944,
pp 109-140.

NAC for Aero. Techn Memo 1241

Sci Museum Lib No 51/1367 - London

Handwritten signature or initials

Sci- Aeronautics, Mathematics

Discontinuous Flow Past a Lattice of Broken Profiles, by
N. V. ~~Isakovich~~ Lamin, 28 pp.

RUSSIAN, binn per, Frik Matemat i Mekh, Vol VIII, 1944,
pp 187 -- 200.

ANC F-TS-7481

Sci -- Physics

Feb 52 CTS

I. G. Malkin

On stability under constant acting disturbances,
8 pp

RUSSIAN per, Prilozheniya Matematika i Mekhanika, 1964
Vol 8, pp 241-245

Sci Museum Lib No 52/0999

ASC TR-146 - available

at Brookhaven

Math. Lib. - TR-146

Prilek treat + hash, no 9, 1945 P 13-66

"The Theory of the Circular
Wing"
N.E. Kochin

Done in G.B.

TPA 3/TIB Translation (3685) 71 pp.

No Copy in FDD

2220
DSIK LLU (Loren)
M-242
30 Chester Place
London, N.W.1

The Problem of Plasticity With Axial Symmetry and
Erinoli's Test, by A. Yu. Izhinskiy, 37 pp.

RUSSIAN, per, Pril Matemat i Mekh, Vol VIII, No 3,
1954, pp 201-224.

Sci Tr Center RT-1214.

Scientific - Physics

Jul 51

16, 057

Translational Motion of Bodies Under the Free
Surface of a Heavy Fluid of Finite Depth, by
M. D. Khaskind, 20 pp.

RUSSIAN, per, Prik Mat i Mekh, Vol IX, No 1, 1945,
pp 67-78.

Sci Trans Center RT-248

Scientific - Physics
CTS/DEK

10,907

REQ. DR. CHECK

16-634

TJ37

SPREADING OF WAVES: PROPAGATION OF WAVES

RAKEMATULIN KH. A. PRIKLADNAYA MATEMATIKA I MEKHANIKA

vol 9, 1945, pp 91-100

~~W.S. Ref 8732 (NRC TT-1376)
should be checked to see if from NTC~~

L. process as

115-23-71-0984

The Propagation of an Unloading Wave,
by Kh. A. Rakhmatulin,
RUSSIAN, per. Prik. Mat. i Mekh., Vol 9, No 1,
1945, pp 91-100,
NLL Ref: 8732 (NSC TT-1376)

Sci/Physics
Mar 70

404,089

A Finite Relation Between the Forces and Moments
and Their ~~ESSENTIAL~~ Connection With the Deformations
in the Theory of Shells, by A. A. Il'yushin, 17 pp.

RUSSIAN, part, X Prikl Mat i Mekh, Vol IX, No 1, 1945,
pp 101-110.

Sci Trans Center RT-415

Scientific - Physics
CIS/DEX

10,902

About Prandtl's Integrodifferential
Equation, by I. N. Vekua, 11 pp.
RUSSIAN, per, Prikl Mate i Mekh, Vol IX,
No 2, 1945, pp 143-150. PI00002267
FTD-HT-66-149

Sci - Math Sci
Feb 67

318,805

Relationship Between the Theory of St.-Venant-Levy-Mises
and the Theory of Small Elastico-Plastic Deformations, by
a. A. Il'yushin, 17 pp.

RUSSIAN, per, Prikladnaya Matematika i Mekhanika,
Vol 9, 1945, pp 207-218.

ARM/FSTC/HT-23-907-72

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