

The Development and Mutual Enrichment of National Cultures in the USSR and the Fabrications of Anticommunism, by S. T. Kaltakchyan, 20 pp.  
RUSSIAN, bk, Problemy Sovremennoy Ideologicheskoy Bor'by, Razvitiya Sotsialisticheskoy Ideologii i Kul'tury, Moscow, 1972, pp 147-169.  
JPRS 57941

Jan 73

The Growing Role of Literature and Art in the  
Formation of the Socialist Individual, by  
M. N. Parkhomenko, 20 pp.  
RUSSIAN, bk, Problemy Sovremennoy Ideologicheskoy  
Bor'by, Razvitiya Sotsialisticheskoy Ideologii i  
Kul'tury, Moscow, 1972, pp 170-190.  
JPRS 57941

Jan 73

Soviet Film Art and the Ideological Struggle on  
the World Screen, by A. V. Karaganov, 14 pp.  
RUSSIAN, bk, Problemy Sovremennoy Ideologicheskoy  
Bor'by, Razvitiya Sotsialisticheskoy Ideologii i  
Kul'tury, Moscow, 1972, pp 191-206.

JPRS 57941

Jan 73

Autotrophic Organisms as Components of  
Closed Ecological Systems, by  
A. A. Michiporovich, 12 pp.  
RUSSIAN, bk, Problemy sozdaniya zakhmetykh  
ekologicheskikh sistem, 1967, pp 5-17.  
JPRS 45837

Sci-R&M  
Sept 68 365,898

Modern Trends in the Development of Space  
and Submarine Human Life-Support Systems,  
by G. I. Voronin, 20 pp.  
RUSSIAN, bk, Problemy sozdaniya zanknutykh  
ekologicheskikh sistem, 1967, pp 22-44.  
JPRS 45837

Sci-B&M

Sept 68

365,899

The Biosphere and Closed Biological Systems,  
by G. M. Lisovakiy, 7 pp.  
Russia, bk, Problemy sozdaniya zamknutych  
ekologicheskikh sistem, 1967, pp 44-51.  
JPS 45837

Sci-B&M  
Sept 68

365,900

Study of the Possibility of Growing Head  
Cabbage under Low Light Intensities,  
by I. T. Milovskaya, 5 pp.  
RUSSIAN, bk, Izobrazheniya sovremenya zemknykh  
ekologicheskikh sistem, 1967, pp 55-60.  
JPRS 45837

Sci-BM  
Sept 68

365,901

Preliminary Study of Chlorella Suitability for  
Feed in Experimentation on White Rats, by  
Ye. I. Kalent'yeva, 5 pp.  
RUSSIAN, bk, Problemy sozdaniya zemnnykh  
ekologicheskikh sistem, 1967, pp 67-72.  
JPRS 45837

Sci-RM  
Sept 68

365,902

Certain Characteristics of a Population of  
Chlorella as a Member of a Closed Ecological  
System, by G. I. Meleshko, 6 pp.  
RUSSIAN, bk, Problemy sozdaniya zamkнутых  
экологических систем, 1967, pp 73-78.  
JPRS 45837

Sci-B&M  
Sept 68

365,903

Growth and Development of a Culture of  
Chlorella Pyrenoidosa Pringah. 82-T. Depend-  
ing on Form of Nitrogen Nutriment, by  
S. V. Tageyeva, 11 pp.  
RUSSIAN, bk, Problemy sozdaniya zemknutych  
ekologicheskikh sistem, 1967, pp 78-91.  
JPRS 45837

Sci-B&M  
Sept 68

365,904

Continuous Cultivation of Chlorella with  
Repeated Utilization of the Medium, by  
R. I. Kuz'mina, 6 pp.  
RUSSIAN, bk, Problemy sozdaniya zamknutych  
ekologicheskikh sistem, 1967, pp 91-96.  
JPRS 45837

Sci-BM  
Sept 68

365,905

Microflora of an Algae/Bacteria Community  
Processing Human Excreta, by M. S. Rerberg,  
6 pp.  
RUSSIAN, bk, Problemy sozdaniya zamknutikh  
ekologicheskikh sistem, 1967, pp 96-101.  
JPRS 45837

Sci-B&M  
Sept 63

365,906

An Experiment in Cultivating Chlorella on  
Biologically Mineralized Product of Human  
Vital Activity, by Ye. K. Lebedeva, 6 pp.  
RUSSIAN, bk, Problemy sozdaniya zarknutykh  
ekologicheskikh sistem, 1967, pp 102-108.  
JPRS 45837

Sci-B&M  
Sept 68

365,907

Regeneration of Air by Higher Plants, by  
N. T. Milovskaya, 6 pp.  
Russia, bk, Problemy sozdaniya zamkнутых  
ekologicheskikh sistem, 1967, pp 103-114.  
JPRS 45837

Sci-BM  
Sept 68

365,908

Investigating Carbon Dioxide Excretion in Man,  
by V. I. Savkin, 5 pp.  
RUSSIAN, bk, Problemy sozdaniya zamknutych  
ekologicheskikh sistem, 1967, pp 114-118.  
JPRS 45837

Sci-B&M  
Sept 68

365,909

A Study of Water Regeneration by Higher Plants  
when Grown in a Closed Volume, by  
M. M. Bokovaya, 5 pp.  
RUSSIAN, bk, Problemy sozdaniya zamknutych  
ekologicheskikh sistem, 1967, pp 119-123.  
JPRS 45837

Sci-L&M  
Sept 68

365,910

Regeneration of Water by Lyophilizing the  
Products of Vital Activity by Man and Plants,  
by Yu. S. Koloakova, 6 pp.  
RUSSIAN, bk, Problemy sozdsniya zemknykh  
ekologicheskikh sistem, 1967, pp 128-133.  
JPRS 45837

Sci-B&M  
Sept 68

365,911

Creating a Heat-Treating Unit for Wastes in  
a Life-Support System Based on Material  
Cycling, by B. A. Balin, 6 pp.  
RUSSIAN, bk, Problemy sozdaniya ranneniykh  
ekologicheskikh sistem, 1967, pp 144-150.  
JPRS 45837

Sci-B&M  
Sept 68

365,912

Mineralization of Products of Human and Plant  
Vital Activity by the Wet Combustion Method,  
by Yu. A. Drigo, 6 pp.  
RUSSIAN, bk, Problemy sordaniya zarkmutykh  
ekologicheskikh sistem, 1967, pp 150-156.  
JPRS 45837

Sci-B&M  
Sept 68

365,913

Physicochemical Methods of Obtaining Ammonia  
Liquor and Nitric Acid from Human Vital-Activ-  
ity Wastes, by M. I. Belyakova, 5 pp.  
RUSSIAN, bk, Problemy sozdanija zemnnykh  
ekologicheskikh sistem, 1967, pp 157-162.  
JPRS 45837

Sci-BM  
Sept 68

365,914

Moisture-Containing Human Wastes As a Product  
from Which to Derive Basic Nutrient Elements  
for Autotrophs, by G. I. Konyrevskaya, 5 pp.  
Russia, bk, Problemy sozdanija zemnomykh  
ekologicheskikh sistem, 1967, pp 166-170.

JPR8 45837

Sci-B&M  
Sept 68

365,915

Results of Biological Mineralization of Human  
Vital-Activity Products by Aeration with Active  
Sludge, by V. F. Varlamov, 5 pp.  
RUSSIAN, bk, Problemy sotsianiya zarkomnykh  
ekologicheskikh sistem, 1967, pp 171-175.  
JPRS 45837

Sci-B&M  
Sept 68

365,916

Titrimetric Determination of Sulfur and Phosphorus in the Biological Media of Life Support Systems, by Ye. I. Pokrovskaya, 5 pp.  
RUSSIAN, bk, Problemy sozdaniya zamkнутых ekologicheskikh sistem, 1967, pp 179-183.

JPRS 45837

Sci-B&M  
Sept 68

365,917

Flame-Spectrophotometry in Protracted Monitoring of Alkaline-Metal ion Concentration in Nutrient Solutions when Cultivating Higher Plants, by V. I. Rozhdestvenskiy, 5 pp.  
RUSSIAN, bk, Problemy sozdaniya zamkнутых ekologicheskikh sistem, 1967, pp 183-187.

JPRS 45837

Sci-B&M  
Sept 66

365,918

Electron-Microscope and Chemical Study of Ash  
Residues in Products of Vital Activity in Men  
and Plants, by A. V. Brumberg, 5 pp.  
RUSSIAN, bk, Problemy sozdatiya zazknutych  
ekologicheskikh sistem, 1967, pp 188-192  
JPRS 45837

Sci-B&W  
Sept 68

365,919

Problems of Nitrogen Fixation under Mild  
Conditions, by M. Ye. Vol'pin, 5 pp.  
RUSSIA, bk, Problemy sozdaniya sakhnutykh  
ekologicheskikh sistem, 1967, pp 193-197.  
JPNB 45837

Sci-B&M  
Sept 68

365,920

A Physicochemical Method of Synthesizing  
Carbohydrates from Human Vital-Activity  
Products in Restricted Closed Spaces, by  
Yu. Ye. Sinyak, 5 pp.  
RUSSIAN, bk, Problemy sozdaniya zainknytykh  
ekologicheskikh sistem, 1967, pp 197-202.  
JPRS 45837

Sci-B&M  
Sept 68

365,921

Biophysical Aspects of the Effect of Ionizing  
Radiation on Coenoses, by R. M. Aleksakhin,  
5 pp.

RSSSIAM, bk, Problemy sozdaniya zamknytykh  
ekologicheskikh sistem, 1967, pp 203-208.

JPR3 45837

Sci-BM  
Sept 68

365,922

Probability of Mutant Cell Preservation in Continuous Culture of Microorganisms, by V. A. Darg, 9 pp.  
RUSSIAN, bk, Problemy sozdaniya zamkrutykh ekologicheskikh sistem, 1967, pp 208-216.  
JPBS 45837

Sci-I&M  
Sept 68

365,923

On the Negentropic Tendency in Evolution of  
Natural and Anthropogenic Biocoenoses, by  
S. A. Baranov, 6 pp.  
RUSSIAN, bk, Problemy sozdaniya zemnnykh  
ekologicheskikh sistem, 1967, pp 217-221.  
JPRS 45837

Sci-B&M  
Sept 68

365924

Model of Nitrogen Cycle in an Aquatic  
Ecosystem without Bottom Deposits, by  
Yu. M. Lebedev, 5 pp.  
Russia, bk, Problemy sotsdaniya ekologicheskikh sistem, 1967, pp 225-229.  
JPRS 45837

Sci-B&M  
Sept 68

365,925

A Mathematical Model of Population Development,  
by Yu. V. Chaykovskiy, 9 pp.  
RUSSIAN, bk, Problemy sozdaniya zamknutych  
ekologicheskikh sistem, 1967, pp 229-236.  
JPRS 45837

Sci-RM  
Sept 68

365,926

Resistance Mechanisms of the Siberian Larch  
to Insect Pests, by A. S. Isayev, 8 pp.  
RUSSIAN, bk, Problemy sozdaniya zaimknytykh  
ekologicheskikh sistem, 1967, pp 244-252.  
JPRS 45837

Sci-B&M  
Sept 68

365,927

Continuous Casting of Steel on a Curved-Mold  
Machine, by V. T. Sladkishteev,  
NESSIAN, par. Problemy Stal'nogo Slitka, 1969.  
EB 7847

Probлемы

Sci/Mat  
May 70

The Continuous Casting of 1500 x 150 mm  
(60 x 6 in) Steel Slabs, by A.I. Chizhikov,  
RUSSIAN, per. Problemy Stal'nogo Slitka,  
Proceedings of the Third Ingot Conference,  
Moscow, 1969.  
HB 8243

Sci/Mat  
Sep 70

Solidification of Continuously Cast Wide  
Curved Slabs, by B. A. Korotkov,  
RUSSIAN, per. Problemy Stal'nogo Slitka,  
Proceedings of the Third Ingot Conference,  
Moscow, 1969.  
HB 8210

Sci/Mat  
Sep 70

Mechanism of the Effect of Melting Practice on  
the Quality of Continuously Cast Billets,  
by L. I. Morozenskii and O. A. Mitenev,  
RUSSIAN, per, Problemy Stal'nogo Slitka,  
(Proceedings of the Third Ingot Conference)  
1969, pp 342-345.  
HB 8205

Investigation into the Chemical and Structural  
Heterogeneity of Steel Slabs Cast on a Corved-  
Mold Machine, by T. L. Kutsenko and V. T. Sladkoshteev,  
RUSSIAN, per. Problemy Stal'nogo Slitka, 1969,  
pp 353-355.  
HB 7856

Sci/Mat  
May 70

Secondary Cooling and Some Features of the  
Internal Structure of Continuously Cast  
Wide Slabs, by F. M. Murasov,  
RUSSIAN, per. Problemy Stal'nogo Slitka,  
Proceedings of the Third Ingot Conference,  
Moscow, 1969, pp 358-361.  
IIR 8129

Sci/Mat  
Sep 70

Investigation of the Nature of Defects in Plate  
Rolled from Continuously Cast Slabs and Ways of  
Avoiding Them, by A. M. Kondratyuk,  
RUSSIAN, per. Problemy Stal'nogo Slitka, 1969,  
pp 367-371.  
HB 8132

Sci/Mat  
May 70

Quality of Rolled Product and Drop Forgings  
Made from Heavy Continuously Cast Sections,  
by A. D. Podvintsev,  
RUSSIAN, per. Problemy Stal'nogo Slitka,  
1969, pp 384-386.  
HB 8211

Sci/Mat  
Feb 71

Experience in the Continuous Casting of Heavy-  
Section Blooms of Alloy Steel, by V. P. Perminov,  
RUSSIAN, per. Problemy Stal'nogo Slitka, 1969,  
pp 397-400.

HB 7766

Sci/Mat  
May 70

G. Kh. Gabuyev

Effect if casting conditions on the quality of the  
rolling surface of ball bearing steel. 6 pp.  
RUSSIAN, Problemy Stal'nogo Slitka, 1969, pp 403-407  
AIR/FTD-MT-24-730-72

nov 72

Classification in Stratigraphy. Series: Stratigraphy  
and Paleontology, by L. L. Khalfin, 178 pp.  
RUSSIAN, bk, Problemy Stratigrafiy, No 94, 1969.  
NTIS TT 71-50062

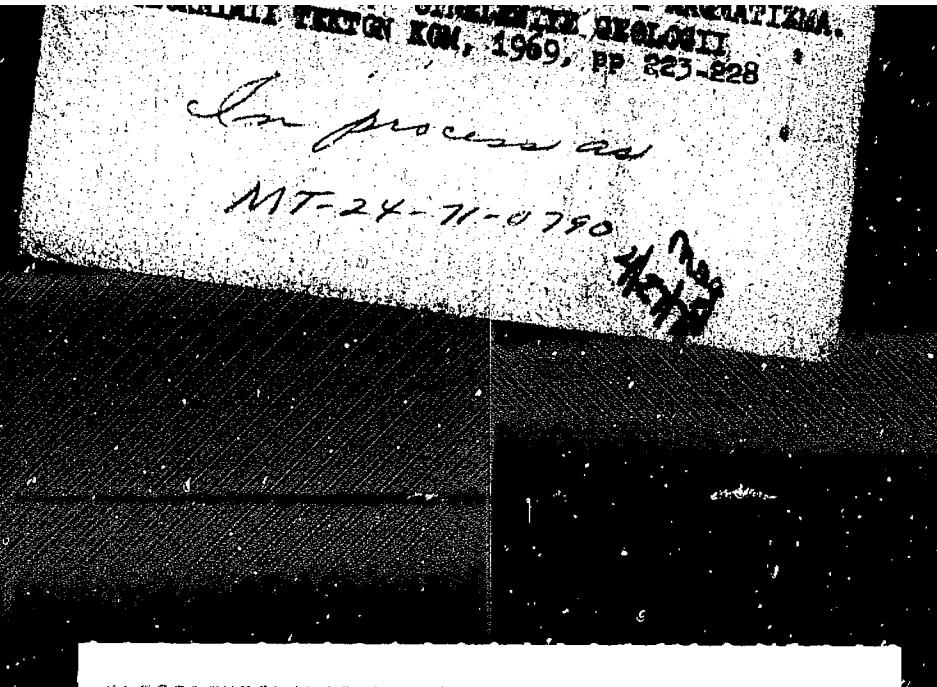
May 72

Problems in Superconducting Materials (Transactions of an All-Union Conference on the Physical Chemistry, Metallurgy, and Metal Physics of Superconductors). approx 194 pp.  
RUSSIAN, MR. Problemy Sverkhprovodimykh Materialov. Trudy Vsesoyuz. Soveshchaniya po Fiziko-Khimii, Metallovedeniyu i Metallo-fizike Sverkhprovodnikov, 1970.  
Plenum Press

Sci-Mat  
Dec 70

APPROVED FOR RELEASE: Thursday, September 04, 2003

CIA-RDP91-00403R000200300026-4



APPROVED FOR RELEASE: Thursday, September 04, 2003

CIA-RDP91-00403R000200300026-4

Increase in the Thermal Stability of a Solid Rotor of  
a Synchronous Machine in Starting and Under Abnormal  
Conditions, by V. I. Shevtchenko, 10 pp.  
RUSSIAN, per, Problemy Tekhnicheskoi Elektrodinamiki,  
No 22, 1970, pp 143-147.  
X-7614

June 72

REQ TR CHECK

26-03-73

T401

A TRAVELLING MAGNETIC FIELD WAVE WITH  
VARIABLE AMPLITUDE AND PHASE VELOCITY  
DURING THE FLOW OF LIQUID METAL IN A  
DIVERGING CHANNEL

KIM, KII.; SYUSYUKIN, A.N.;  
UR: AN UKRSSR. PROBLEMY TEKHNICHEISKOY  
ELEKTRODINAMIKI, 1971, NO. 32, pp. 35-40

*Process in as*  
HT73 - 23 - 0410

*Negative*  
*3 Apr 73*

Problems of the Theory of Gravitation and  
Elementary Particles, by K. P. Stanyukovich.  
RUSSIAN, bk, Problemy Teorii Gravitatsii i  
Elementarnykh Chastits, Vol 2, 1968.  
PLENUM PRESS

Sci/Ear Sci  
Oct 68

366,865

The Investigation of the Aerodynamics of a Twisted Jet Propagated Along a Cylindrical Wall in a Co-Stream, by I. I. Ibragimov.

B. P. Ustimenko.

RUSSIAN, per, Kazakhskiy Nauchno-Issled Inst Energetiki. Problemy Teploenergetiki i Prikladnoy Teplofizki, No 2, 1965,

pp 166-172.

AIR/FTD/HT-23-565-68

Sci-Aero

Apr 69

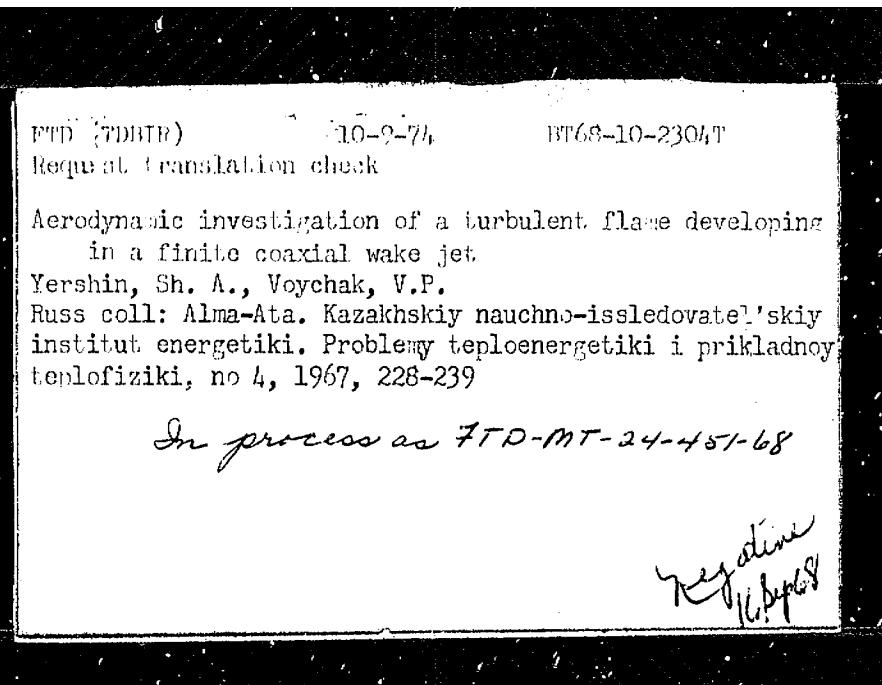
379,866

Experimental Determination of Fuel-Atomization  
Quality from High-Capacity Centrifugal Spray  
Nozzles, by Yu. I. Khavkin, 15 pp.  
RUSSIAN, per, Problemy Teploenergetiki i  
Prikladnoy Teplofiziki, No 3, 1966, pp 70-79.  
F100116668-V  
FTD-MT-67-235

Sci-Propulsion & Fuels  
July 68 350,864

Mathematical Analysis of Diffusion Combustion in the Boundary Layer of a High-Velocity Stream, by L. P. Yarin.  
RUSSIAN, per, Problemy Teploenergetiki i Prikladnoy Teplofiziki, No 3, 1966,  
pp 80-88.  
Dept of Navy APL/JHU CLB-3 T-575

Sci-Mat  
May 69 380,939



Interaction of Plasma Jets, by V. T. Tolok,  
10 pp.  
RUSSIAN, rpt, Problemy Termoyadernykh  
Issledovaniy. Seriya IX: Fizika, Matematika,  
Astronomiya. Novoye v Zhizni, Nauke, Tekhnike,  
1965. P100204068-V  
FTD-LT-24-48-68

Sci/Phys  
Oct 68

366,964

77  
78 (LF-tr-41) PROBLEMS OF PLUTONIUM TOXI-  
COLOGY. Buldakov, I. A.; Lyubchanskii, E. R.; Moskalev,  
Yu. I.; Nifatov, A. P. Translated by A. A. Horvath (Lovelace  
Foundation, Albuquerque, N. Mex.), from Problemy Toksikologii  
Plutoniya, Atomizdat, Moscow, 1969. 225p. Dep. NTIS.

25

26 biomed; translations 2706

28 MN-48 29P NSA

Meeting of the Yukut Scientific and Research  
Institute of Tuberculosis, by I. A. Vasil'yev  
and M. F. Shepetov, 7 pp.  
RUSSIAN, per, Problemy Tuberkuleza, No. 9,  
1966, pp. 82-84.  
JPRS 39033

USSR  
Sci-B/MS  
Dec 66

316,018

Comparative Characterization of the Processes  
of Healing in Caverns of Different Localizations,  
by N. I. Denisiuk.  
RUSSIAN, per, Probl Tuberk, Vol 45, No 2, 1967,  
pp 81-87.  
HEW NIH  
1-18-69

Sci/B&M  
Apr 69

378,688

The Effect of Koumiss Treatment on the Vitamin  
Metabolism and Blood Serum Transaminase Activity in  
Phthisics, by V. D. Goldshtien, N. S. Ponomareva, 9 pp.  
RUSSIAN, per, Probl Tuberk, Vol 47, 1969, pp 23-29.  
ACSI K-0247

July 71

Stability Problems in Structural Mechanics,  
by V. V. Bolotin, 302 pp.  
RUSSIAN, bk, Problemy Ustoichivosti v  
Stroitel'nom Mekhaniki, Moscow, 1965.  
CIA/FDD X-5796

Sci - Mech  
Feb 66  
FOR OFFICIAL USE ONLY

294,762

Problems of Bacteria Virulence, 248 pp  
RUSSIAN, bk. Problema Virulentnosti Bakteriy,  
1967.  
ACSI-k-0372  
FSTC-HT-23-1292-71

Sep 72

Thirtieth Anniversary of the Discovery of the  
Causative Agent of Tsetse-Borne Encephalitis, by  
Ye. N. Levkovich, M. P. Chumakov, 8 pp.  
RUSSIAN, per, Problemy Virusologii, No 5, Sep  
1967, pp 524-530.  
JPRS 43974

Sci-B and M  
Jan 68

348,947

Problems of War and Peace, by Ye. D. Modrzhinskaya  
B. T. Grigoryan, et al. 491 pp.  
RUSSIAN, bk. Problemy Vojny i Mira, 1967,  
pp 1-461.  
AIR/FTD/IT-24-59-68

sci/behavioral sci  
mar 69

377,782

O. G. Gazenko

Mathematical Methods for Studying Cardiac Automatism  
and Their Application to Space Medicine.

RUSSIAN, rpt, Problemy Vychislitelnoi Diagnostiki,  
1969, pp 7-15.

NTC 72-13759-06P

KA-11115, 213 1/2 pp

Nov 72

Russia:

Completed  
Affidavit

DC

1,722/70  
4 Feb '70 SF

Problems of Computer Diagnostics by Ye.B.Daleshik  
edit.

book, x Problemy vychislitel'noy diagnostiki,  
Leningrad, 1969, ppk.0-192, +pp3-6

Special Type "B": Transl. draft plus one

(insert affiliation of each author)

booklet- do not mutilate,

V. V. Parin

CSO: 22858 DC

11 Mar 69 SF

Problems of Earth and Space Biotelemetry. The  
Use of Biotelemetry in medicine, and physio-  
logy of work and exercise.

Problemy Zemnoy i Kosmicheskoy Biotelemetrii,  
Aug 1968, pp 1-25.

Mar 73

The General Case of Deformation of Shells of Revolution, by I. A. Birger, 34 pp.  
RUSSIAN, per, Prochnost' i Dinamika Aviatsionnykh Dvigateley. Sbornik Statey, No 2,  
1965, pp 3-35.  
P100251868-V  
FTD-MT-66-145

Sci-Physics  
Oct 68

366,135

Free Oscillations of Smooth and Structurally  
Anisotropic Cylindrical Shells in the Presence  
of Static Loads, by N. V. Nikulin, 73 pp.  
RUSSIAN, per, Prochnost' i Dinamika Aviat-  
sionnykh Dvigateley. Sbornik Statey, No 2,  
1965, pp 52-128.  
P100251868-V  
FTD-MT-66-145

Sci-Physics  
Oct 68

366,136

Calculation of Shells for Explosions,  
by N. P. Dronov, 14 pp.  
RUSSIAN, pex, Prochnost' i Dinamika Aviat-  
sionnykh Dvigateley. Sbornik Statey, No 2,  
1965, pp 173-185.  
P100251868-V  
FID-MT-66-145

Sci-Physics  
Oct 68

366,137

Forced Vibrations in the Coaxial Rotors  
System Allowing for the Gyroscopic Effect  
of the Discs, by V. O. Bauyer,  
RUSSIAN, per, Prochnost i dinamika Aviat-  
sionnykh Dviжateley, Sbornik Statey, Mashin-  
ostroyeniya, No 2, 1968, pp 201-254.  
ACSI J-1600  
ID 2204002467

Sci-Tech, Etc Engr  
Apr 67 321,463

Approximation Method of the Determination of Frequencies of Natural Vibrations of Cylindrical, Conical, and Toroidal Shells, by I.I.Meyerovich,

30 pp.

RUSSIAN, bk, Prochnost' i Dinamika Aviatsionnykh Dvigateley, Izd-vo "Mashinostroyeniye," 1965,  
pp 148-172.

AIR/FTD/MT-24-06-67

NQ SA TT F 10, 377

Sci-Physics  
Nov 68

366,257

Design of Pinned Blades for Vibration, by  
B. F. Shorr  
RUSSIAN, mono, Prochnost i Dinamika Aviatsionnykh  
Dvigatelei, 1965, pp 292-315  
NTC 71-15379-01C  
NASA TT F 10, 273

mar 72

Calculating the Strength of a Cylindrical Shell  
with Temperature Stresses, by R. N. Gorokhovskiy,  
11 pp.

RUSSIAN, per, Prochnost Din. Aviats. Dvigateley,  
No. 3, 1966, pp 101-108.

AEC-SC-Tr-18-1510 P911203068-V

NYC 70-21545

Sci/Phy  
Sept 68

357,457

Calculation of Ballbearings Working Under Combined Loads, by M. A. Leykand, 40 pp.  
RUSSIAN, per, Prochnost' i Dinamika Aviatatsionnykh Dvigatelyey. Sbornik Statey. No 3, 1966,  
pp 273-308. PI00245268-V  
FTD-MT-24-334-67

Sci-Mech Engr  
Oct 68

367.506

Ultimate Deformations of Turbomachine Disks, by  
V. M. Andryushchenko. 7 pp.  
RUSSIAN, per, Prochnost' i Dinamika Aviatsionnykh  
Dvigateley. Sbornik Statey, No 4, 1966, pp 110-116.  
FID S-773

448-69

aug 69

388,545

Methods of Diagnosing Failure of Anti-Friction Bearings, by A. I. Yeroshkin,  
V. P. Maksimov.  
RUSSIAN, per, Prochnost i Dinamika Aviats Dvigateley. Sbornik Statey, No 4, 1966,  
pp 214-230.  
AIR/FTD/MT-23-312-68

Sci-Mech  
Apr 69

379,551

The Characteristics of Durability of Turbine  
Blades, by L. V. Morozov. 15 pp.  
RUSSIAN, per, Prochnost' i Dinamika Aviat-  
sionnykh Dvigateley, No 5, 1969, pp 91-102.  
AIR/FTD/HT-23-37-71

Sept 71

REQ TR CHECK

14-03-73

T354

APPLICATION OF A VARIABLE PITCH IN  
COMPRESSOR GUIDE VANES FOR REDUCING THE  
VIBRATIONS OF THE ROTOR BLADES  
MEYERS MEYERSON, I L; GAZARYAN, YU KH  
UR: PROCHNOST' I DINAMIKA AVIATSIONNYKH  
DVIGATELEY, 1969, NO 5, 102-112

*Process in as*

14T73-23-0339

*Neg*  
*28 MAR 73*

Determination of the Energy Dissipation in  
Materials Associated With Steady-State Resonance  
Oscillations, by V. N. Tyulenev. 40 pp.  
RUSSIAN, per, Prochnost' i dinamika aviatcion-  
nykh dvigateley, No 5, 1969, pp 169-193.  
AIR/FTD/HC-23-103-71

Sept 71

Strength Conditions Under the Varying Stresses  
of an Unsteady Condition With Respect to the  
Breakdown Probability Parameter, by

L. A. Kozlov. 33 pp.  
RUSSIAN, per, Prochnost' i Dinamika Aviatsion-  
nykh Uvigateley. Sbornik Statey, No 5, 1969,  
pp 193-213.

AIR/FTD/MI-24-354-70

Sept 71

M. I. Kurushin

High-speed radial-thrust multipoint ball bearing  
design, by M. I. Kurushin.  
RUSSIAN, per, Prochnost' i dinamika aviatcionnykh  
dvigatelei, No 6, 1971, pp 222-260.  
NASA TT F 14,304

may 72

Failure Criteria in Cyclic Elasto-Plastic Deformation, by S. V. Serensen,  
R. M. Shneyderovich, 10 pp.  
RUSSIAN, per, Prochnost' pri Malom Chisle Tsiklov  
Nagruzheniya, Moscow, 1969, pp 80-87.  
JPRS 58180

Feb 73

Kinetics of Stresses and Failure of Hardening Materials, by V. V. Larinov. 10 pp.  
RUSSIAN, rpt, Prochnost' pri Malom Chisle Tsiklov  
Nagruzheniya Voprosy Mekhanicheskoy Ustalosti,  
1969, pp 87-93.  
AIR/FTD/HG-23-688-71

Dec 71

Kinetics of Crack Development During Cyclincal Softening,  
by N. R. Makhutov, 9 pp.

RUSSIAN, bk, Prochnost' Pri Malom Chisle Tsiklov  
Nagruzheniya, Moscow, 1969, pp 102-109.

ARM/FSTC/HT-23-1030-71

ARM/FSTC/HT-23-572-71

Jan 72

Methods and Research on Kinetics of the Failure of  
Laminated Materials with a Small Number of Loading  
Cycles, by V. M. Markochev, B. A. Drozdovskiy, 7 pp.  
RUSSIAN, per, Prochnost' Pri Malom Chisle Tsiklov  
Nagruzheniya, 1969, pp 179-183.  
AIR/FTD-MT-24-46-71

Sept 71

Low-Cycle Fatigue of Structural Alloys In Relation  
To Their Plasticity, by R. N. Sizova. 14 pp.  
RUSSIAN, rpt, Prochnost' pri Malom Chisle Tsiklov  
Nagruzheniya. Voprosy Mekhanicheskoy Ustalosti,  
Izd-vo Nauka, Moscow, 1969, pp 186-193.  
AIR/FTD/MT-24-248-70

April 71

High-Temperature Strength of Materials,  
by G. S. Pisarenko.  
RUSSIAN, bk, Prochnost Materialov pri  
Vysokikh Temperaturakh, 1966, 621 pp.  
CFSTI TT 68-50308  
NASA TT F-508

Sci-Mat  
Apr 69

386,297

Complex Study of the Basic Stages of Structural  
Damage in the Fatigue of Certain Ferrous Alloys,  
by B. I. Kostetskii, V. V. Shevelya, et al. 8 pp.  
RUSSIAN, npt, Prochnost' Metallov pri Tsiklicheskikh Naqruzkakh. Materialy Soveshchaniya po Ustalosti Metallov 4th, 1966, 1967, pp 32-37.  
AIR/PTD/HI-23-314-69

sci/materials  
apr 70

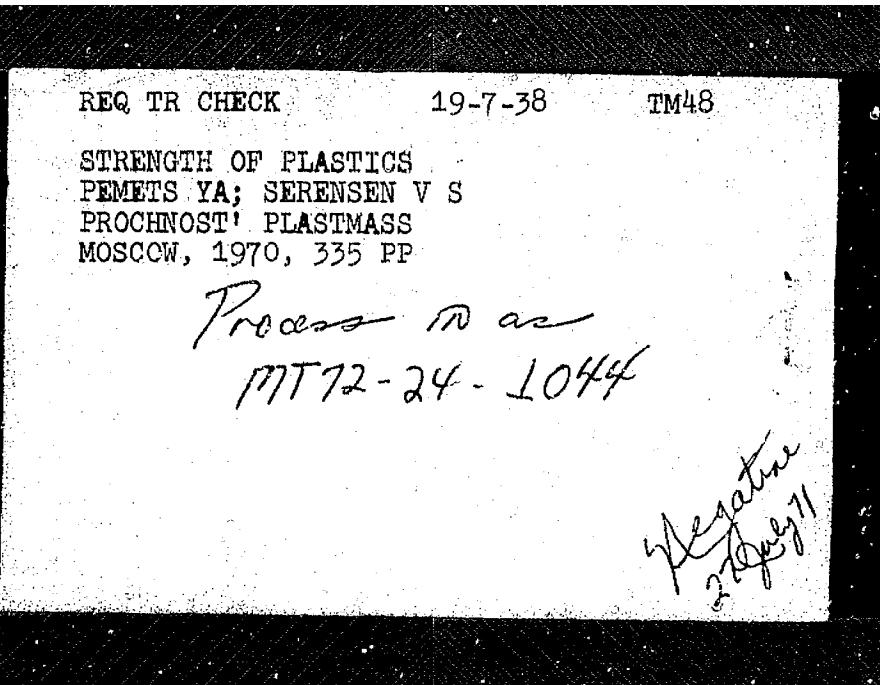
404,527

Investigation of the Crack Propagation Rate  
from the Measured Deflections of a Sample,  
by V. V. Kruchinin.  
RUSSIAN, bk, Prochnost Metallov pri  
Tsiklichesikh Nagruzkakh, 1967,  
pp 107-113.  
\*NASA TT F-12,224

Sci-Mat  
Mar 69

Strength and Plasticity, by V.V. Sokalovsiy,  
618 pp.  
RUSSIAN, bk. Prochnost' i Plastichnost',  
ACSI-K-1575  
FSTC-HT-23-1135-72

Apr 72



Strength and Group of Laminated Plastics, by  
V. N. Yatsenko. 250 pp.  
RUSSIAN, bk, Prochnost i Polzuchest Sloistykh  
Plastikov, 1966.  
NASA TT-F-1161 TT-67-59014  
COPYRIGHT

July 71

Strength of Turbine Disks, by V. P. Rabinovich.  
148 pp.

MOSCOW, bk, Prochnost' Turbinnykh Diskov, 1966,  
pp 1-151.

AIR/ITD/MT-23-494-68

AIR/ITD/MT-23-78-68 - 121 pp

sci/mechanengr

apr 69

377,972

STRENGTH OF HARD ALLOYS

KREYMER, G LANGUAGE-RU COUNTRY-UR

PROCHNOST' TVERDYKH SPLAVOV

PUB. METALLURGIYA, 1971, 2-6

FSTC-HT-23-2447-72

Strength Stability Vibrations, Volume 2, by  
A. Ya. Aleksandrov, S. A. Ambartsumyan. 527 pp.  
RUSSIAN, bk, Prochnost' Ustoychivost' Kolebaniya, 1968  
pp 1-463  
AIR/FTD-HC-23-598-69

mar 71

Calculation of Toroidal Shells, by I. A. Birgera,  
Ya. G. Panovko. 39 pp.  
RUSSIAN, par, Prochnost. Ustoychivost. Kolebaniya,  
Vol 1, 1968, pp 776-812.  
AIR/FTD/MT-24-31-70

Sci-Phys  
Jul 70

Strength. Stability. Oscillations (Chapter 3),  
by I. A. Birgera, Ya. G. Panovko. 120 pp.  
RUSSIAN, bk, Prochnost. Ustoychivost. Kolebaniya,  
Vol 3, 1968, pp 127-215.  
AIR/PTD/MT-24-32-70

Sci-Phys  
Jul 70

Service Life Prolongation of Friction Parts and  
of Lubricating Oils in DVS [Internal Combustion  
Engines] with the Help of the Solid Inhibitors  
and Halides, by N. A. Zakharov, V. P. Korotnenko,  
et al. 24 pp.

RUSSIAN, bk, Problemy Sroka Sluzhby Detalej  
Treniya i Smazochnykh Masel v DVS s Pomoshch'yu  
Tverdykh Inhibitordov. 1969, pp 1-24.  
AIR/FTD-MT-24-35-71

Feb 72

K. S. Kolesnikov

Longitudinal vibrations of rockets with liquid fuel engines. 318 pp.

PRODOL'NYYE KOLEBANIYA RAKETY S ZHIDKOSTNYM RAKETNYM

DVIGATELEM, 1971, pp 1-260

AIR/FTD-HC-23-1198-72

mar 73

Production and Circulation of Organic  
Matter in Inland Waters, by B.K. Shtegman,  
287 pp.  
RUSSIAN, bk, Produtsirovanie i Krugovorot  
Organicheskogo Veshchestva vo Vnutrennikh  
Vodoomakh, 1966  
CFSTI TT 69-55032

Sci/b&m  
May 70