

XXXII. Chromic Oxide on Alumina as a Catalyst
for Conversions of Heterocyclic Compounds, by
Yu. K. Yuriev and V. A. Tronova, 6 pp.

RUSSIAN, mo per Zhur Obschch Khim, Vol XXI,
No 4, USSR, Apr 1951, pp 742-749

Consultants Bureau
Vol 21, Apr 1951

A 12190

YURIEV, YU. K
TRONOVA, V. A.

THE BEHAVIOR OF FURAN AND FURANIDINE WITH METAL
SULFIDES AND AMIDES

3 pages 256-257

RUSSIAN, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951

Consultants Bureau Translation

A12191

60
Optical Investigations on Electrochemically
Activated and Passivated Metallic Reflectors,
by L. Ironstad, 48 pp.
GERMAN, per. Zeitschrift für Physikalische Chemie.
Series A, Vol 142, No 4, 1929.
ACSI J-3507
ID 2204048067

Sci-Chem
Feb 68

349,183

Procédé de Fabrication de l'Hydrogène, de l'Eau
Lourde et de Métaux, (A Process for Production of
Hydrogen, Heavy Water, and Metal), by L.
Tronstad, J. Brun, 27 pp.

NORWEGIAN to FRENCH, Patent No 77,176,
24 Jul 1950.

Reverse Trans
CEA Tr-X-214

Sci
26 Apr 61

Roll Flattening During the Rolling Process, by
A. Treuss, H. Grofke.

GERMAN, von, Stahl und Eisen, Vol. LXXXII, 1962,
pp 957-963.

BIBI 3042

Sci - Eng
Mar 62

224,461

Troost, Alex and Hölling, Karlheinz.
REMARKS ON A FEW THEORETICAL PLASTICITY
FUNDAMENTALS OF STRIP ROLLING AND A SIM-
PLIFIED CALCULATION OF THE NO-SLIP POINT
(Bemerkungen über einige Plastizitätstheoretische
Grundlagen des Bandwalzens und eine Vereinfachte
Berechnung der Fließscheidenlage) [1961] [26]p.
(foreign text included) 11 refs.
Order from SLA \$2.60

61-20074

Trans. of Zeitschrift für Metallkunde (West
Germany). 1961, v. 52, no. 2, p. 95-100.

DESCRIPTORS: *Rolling mills, *Plasticity, Design,
Torque, Metals, Stresses, Mechanical properties,
Friction, *Aluminum, *Steel, Processing

The use of dynamic and kinematic variables which de-
scribe the mechanical state of a differential element of
(Metallurgy, TT, v. 7, no. 5) (over)

61-20074

I. Troost, A.
II. Hölling, K.

194887

Office of Technical Services

Hypotheses on the Effect of Size and Shape Under
Fatigue Stressing, by A. Troost.

GERMAN, per, Metall, Vol VI, No 21/22, 1952,
Metall-Verlag, Berlin-Grünwald.

D.S.I.R./27195

Sci - Min/metals
Apr 57 CTS/dax

46,685

Metal Science and Technology, by A.
Troost.

GERMAN, per, Metall, Vol VI, No 21/22,
1952, pp 675-685.

ASLIB-GB29

Sci

71, 714

Aug 58

Troost, Alex and Hölling, Karlheinz.
REMARKS ON A FEW THEORETICAL PLASTICITY
FUNDAMENTALS OF STRIP ROLLING AND A SIM-
PLIFIED CALCULATION OF THE NO-SLIP POINT
(Bemerkungen über einige Plastizitätstheoretische
Grundlagen des Bandwalzens und eine Vereinfachte
Berechnung der Pfleisscheidenlage) [1961] [26]p.
(foreign text included) 11 refs.
Order from SLA \$2.60

61-20074

Trans. of Z[eitschrift für] Metallk[un]de (West
Germany). 1961, v. 52, no. 2, p. 95-100.

DESCRIPTORS: *Rolling mills, *Plasticity, Design,
Torque, Metals, Stresses, Mechanical properties,
Friction, *Aluminum, *Steel, Processing

The use of dynamic and kinematic variables which de-
scribe the mechanical state of a differential element of
(Metallurgy, TT, v. 7, no. 5) (over)

61-20074
I. Troost, A.
II. Hölling, K.

194887

Office of Technical Services

9/
(DC-3324).

The Scientific Conference of the Irkutsk Anti-Plague
Institute (USSR), by I. Ye. Trop, 4 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol,
No 10, 1959, pp 155, 156.

JPRS-1175-D

Sci - Med
Feb 60

109,079

Compounds of Indium With Glycocoll, by
A. P. Kochetkov, V. G. Tropov, 7 pp. POST EDITED

RUSSIAN, per, Zhur Neorgan Khim, Vol. ~~XIII~~XVIII,
No 3, 1963, pp 772-774. 9693205

FTD-MZ-63-279
GOV'T USE ONLY

Sci - Chem
Jul 64

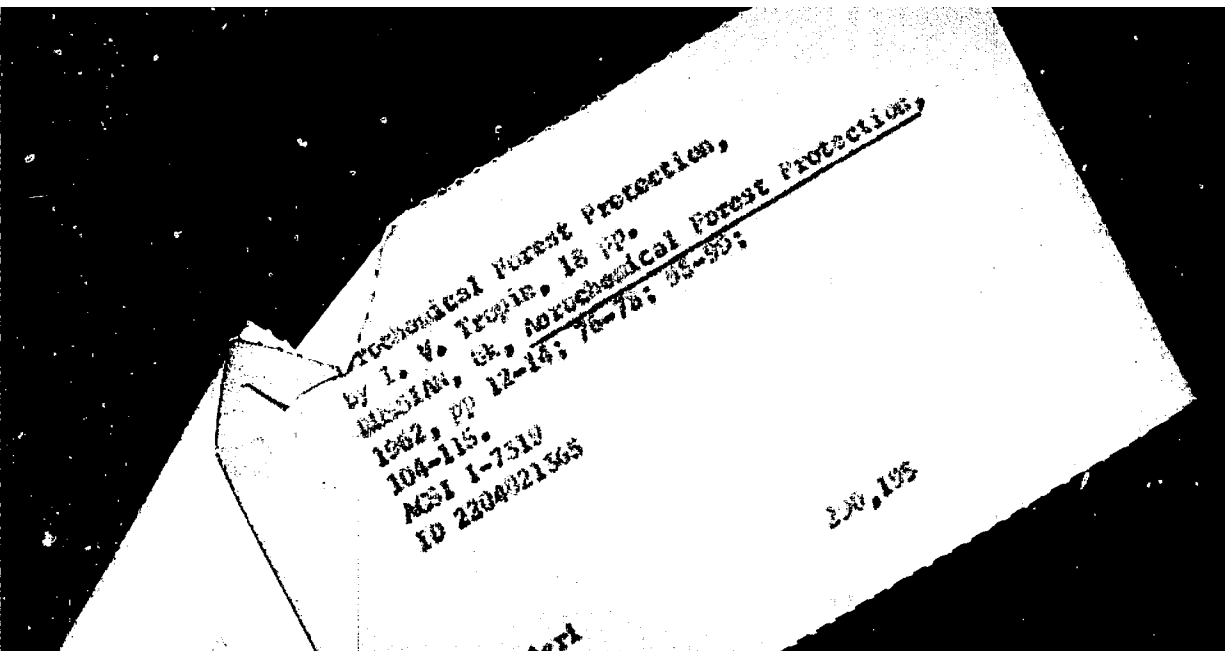
263,715

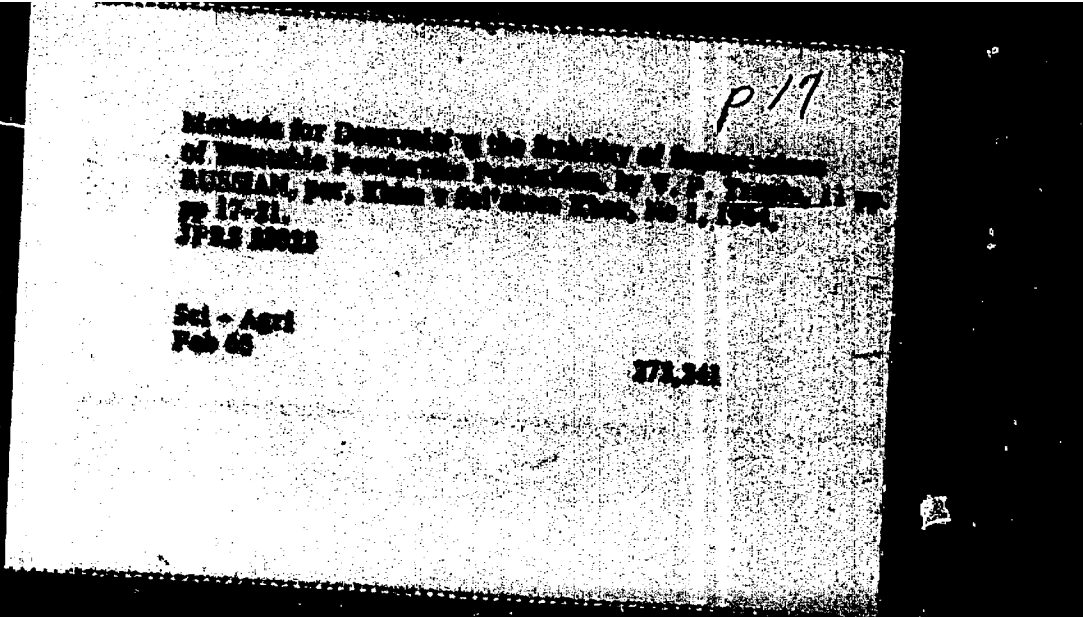
Control of Forest Pests by Aerosols, by *42*
I. V. Tropin.
RUSSIAN, bk, Prinemeniye Aerorozoley dlya
Bor'by s Vreditelyami Lesa, 1962, 61 pp.
CFSTI TT 68-50364

I. V. Tropin

Sci-BQM
Apr 69

380,295





Changes in the Structure, Degree of Dispersion and
Field Value of Peats as the Results of Complete
Freezing, by M. P. Volarovich, K. F. Guesv, S. M.
Markov, V. P. Tropin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957,
pp 401-405.

Consultants Bureau

Sci - Chem

Jan 59

79,453

33

Aerochemical Forest Protection,
by I. V. Tropin, 18 pp.
CLASSIFIED, Aerochemical Forest Protection,
1962, pp 12-14; 76-78; 83-85;
104-115.
ACSI 1-7510
ID 2204021305

SciAeri
Oct 65

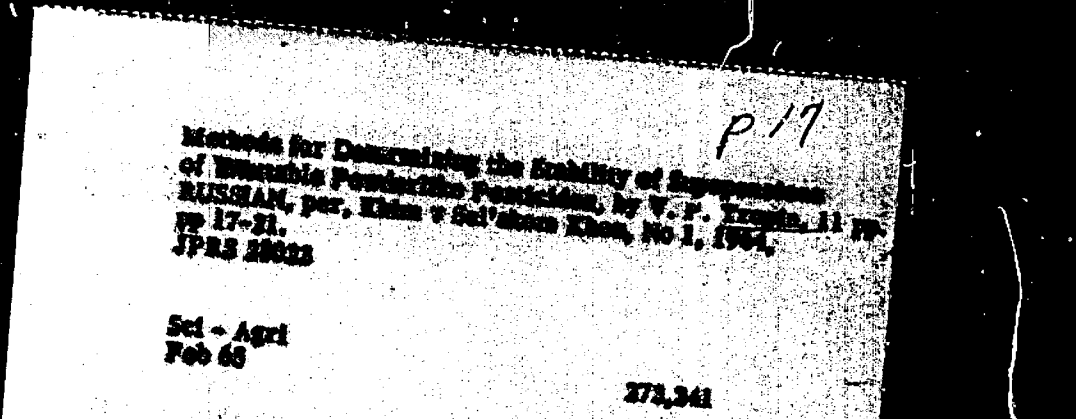
220,195

Archeological Forest Protection, by
I. V. Tropin, 18 pp. FOR OFFICIAL USE ONLY
MOSCOW, RA, sel'khozizdat, 1962.
R000211
SICR 201-705-507

Sci-Agr
Oct 65

I. V. Tropin

200,272



Changes in the Structure, Degree of Dispersion and
Yield Value of Peats as the Results of Complete
Freezing, by M. P. Volarovich, K. F. Gusev, S. E.
Markov, V. P. Tropin, 4 pp.

RUSSIA, per, Kolloid Zhur, Vol XIX, No 4, 1957,
pp 401-405.

Consultants Bureau

Sci - m

Effect of Compression of Artificially Deposited
Sediments Upon Permanent Magnetization, by A. Ya.
Vlassov, G. V. Kovalenko, Yu. D. Tropin, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,
1961, pp 1179-1182.

AGU

Effects in Earth Currents Caused by High-
Altitude Atomic Explosions, by V. A. Tropitskaya,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 9,
1960, pp 1321-1327.

ICC
OTS PB-131632-144

Sci - Geophya
23 Nov 60

133,340

(NY-3000/2)

A Good Start by Instrument Builders, by A. Kvikko,
A. Tropko, Sr. Mechanik, V. Zhilko, 5 pp.

RUSSIAN, pp, Sovetskaya Moldaviya, No 285(4854),
2 Dec 1960, p 2.

JPRS 9748

USSR
Econ

Aug 61

163,704

INDUSTRIAL TESTS OF THE R30A VIBRATING
CONVEYER, BY V. E. GERGEYEV, A. G. TROPMAN,
5.

RUSSIAN, PER, TSVETNYE METALLY, VOL 11, NO 12,
1961, PP 38-42.

PS

SCI

FEB 63

221,524

Investigations on Lipoids of Animal Organs. 8th
Report. The Occurrence of Lignoceryl Sphingosine
in the Beef Spleen, by C. Tropp, V. Wiedersheim,
11 pp.

GERMAN, per, Hoppe-Seylers Z. physiol Chem, Vol
CCXXII, 1933, pp 39-43.

NIH 6-4

Sci - Med
Jul 58

67,523

Corelborin P., by M. Ya. Tropp, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1786-1789.

Consultants Bureau

Sci - Chemistry
Jul 57

49,642

Corelborin P., by M. Ya. Tropp, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1786-1789.

Consultants Bureau

Sci - Chemistry
Jul 57

49, 642

Spectrographic Investigation of Cardiac Glycosides
From Hellebore, by M. Ya. Tropp, Yu. V. Shostenko,
D. G. Kolesnikov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 8,
1953, pp 1421-1425. CIA D 182360

Consultants Bureau

Scientific - Chemistry
Dec 54 CTS/DEK

20,103

Removal of Nitric Oxide From Coke Oven Gases
by its Catalytic Reduction to Ammonia, by
Hans Tropach, Robert Mueller, 10pp
GERMAN, year, Brennstoff-Chemie, Vol 12, 1931,
No 18, pp 345-358
SLA TX-64-20860

Hans Tropach

Sci - Eng
May 67

327,412

Composition of Products Obtained in Synthesizing
Petroleum, by F. Fischer, H. Tropsch.

GERMAN, per, Brennstoff-Chemie, Vol IX, Nos 21-24,
Essen, 1928.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 74

Sci. - Chem

87, 605

May 59

Tropsch, Hans.

REGARDING THE CATALYTIC REDUCTION AND
HYDROGENATION OF PHENOLS WITH HYDROGEN
UNDER PRESSURE. 27 Jan 31 [14]p. 11 refs.
Order from SLA \$1.60 63-10445

Trans. of Brennstoff-Chemie (Germany) 1930, v. 11,
no. 22, p. 449-452.

DESCRIPTORS: *Phenols, Reduction, *Hydrogenation,
Hydrogen, Pressure, *Catalysts, *Molybdenum,
*Nickel catalysts.

Molybdenum, even in the form of a sulphide, proved
to be the most suitable catalyst for the reduction of
cresols and caused an almost complete conversion
into hydrocarbons. Nickel is also a good catalyst but
is readily poisoned by sulphur. During the reduction
of phenol also a partial hydrogenation of the formed
(Chemistry--Organic, IT, v. 9, no. 8) (over)

63-10445

I. Tropsch, H.
II. Title: Catalytic ...

000000

Office of Technical Services

Conversion of the Northern Line of Telecommuni-
cations System to V-60 Operation, by Wilhelm
Troschke, 6 pp.

GERMAN, per, Die Deutsche Post, Vol VII, No 9,
1962, pp 264-265.

JPRS 15769

215,791

EE - Germany
Econ
Sci-Electronics
Oct 62

(SF-1878)

Grigoriy Borisovich Sudoykin, by P. G. Troshinin,
3 pp.

RUSSIAN, per, Entomologicheskoye Obozreniye,
Vol. LXXIX, No 4, 1960, pp 963-964.

JPRS 11710

USSR

Biog

Jun 62

178,791

Investigation of Acridine Derivatives. 1.
Synthesis of 1-Nitro-2-methoxy-9-chloroacridine,
by A. T. Troshchenko, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8, 1958,
pp 2207-2212.

CB

Sci - Chem
Oct 59

99,945
/

Phenylxanthenes, by A. T. Troschenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957,
pp 967-969.

Consultants Bureau

Sci - Chem
Aug 58

69, 217

Strength of Powder-Metal Materials and Alloys at Normal
and High Temperatures, by G. S. DE FERRANTI,
V. T. ... 1 et. 116 pp.

RISHAN, M. Proc. Acad. Sci. USSR Div. Phys. Math. Sci. Ser. Phys. Math. Sci. 1944, pp 1-271.

JPRX 5247

Sci-Mat & Mat
Dec 63

241,700

The Effect of the Loading Rate on the Strength
Characteristics of a Number of Cermets,
by V. T. Troshchenko, 5 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 1,
(13), 1963, pp 26-32.

CB

Sci
May 64

259,277

On a Method for Determining the Fatigue Limit, by
B. A. Gryaznov, V. T. Troshchenko, 3 pp.

RUSSIAN, Per, Zavod Lab, Vol XXVI, No 12, 1960,
pp 1398-1400.

ISA

165, 623

Sci
Aug 61

The Strength of Porous Sintered Materials, by V.T.
Troshchenko, 7 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 3 (15)
1963, pp 3-11.

CB

258,421

Sci
May 64

On the Question of the Scattering of Energy in
Matter, by V. T. Troschenko, 10 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6,
1960, pp 1060-1069.

AIP
Sov Phys-Solid State

Sci

138, 160

Jan 61

Statistical Theories of Strength and Their
Application to Metaloceramic Materials
(Selected Parts), by G. S. Pisarenko,
V. T. Troshchenko, 102 pp.

RUSSIAN, bk, Statistichni Teorii Mitsnosti Ta
Ikh Zastosuvannya do Metalokeramichniki ~~NIYNY~~
Materialiv, Ak Nauk Ukrain RSR, Vidavnitsto
Ak-Nauk Ukrain RSR, Kiev, 1961, pp 12-19, 40-102.
9683302

FTD-TT-62-1765

234,542

Sci-Phys
Jun 63

Certain Problems Related to the Strength of Silicone Carbide Base Cermet Materials, by V.T. Troshchenko.

RUSSIAN, per. Inzh Fiz Zhur, No 1, 1960, pp 103-107.
CIA 9660845.

APIC MCL 640

Sci - Min/Met; Chem

Dept. Interior
TN 7 557 No 449

May 60

T60-17104 Ref DC-12

152,577

Toward the Question on Connection of Energy Scat-
tering in Material With Fatigue Strength, by
V. T. Treshchenko, 27 pp. 84

RUSSIAN, per, Trudy AN UkrSSR, Institut Metal-
lokeraniki i Spetsial'nykh Splavov, Rasseyaniye
Energii Pri Kolebaniyakh Uprugikh Sistem, No 4,
1963, pp 149-158. P100224267

FTD-MT-65-231

V. T. Treshchenko

Sci/Materials
Aug 67

336,563

Certain Problems Related to the Strength of Silicone Carbide Base Cermet Materials, by V.T. Troshchenko.

RUSSIAN, per, Inzh Fiz Zhur, No 1, 1960, pp 103-107.
CIA 9660846.

ATIC MCL 640

Sci - Min/Met; Chem

May 60

T60-17104 Ref DC-12

152,577

Troshchenko, V. T.
CERTAIN PROBLEMS RELATED TO THE STRENGTH
OF SILICON CARBIDE BASE CERAMET MATE-
RIALS. 9 Dec 60 [7]p. (2 figs. 3 tables omitted) 5 refs.
MCL-640/1.

Order from LC or SLA ml\$1.80, ph\$1.80 61-19387

Rough draft trans. of Inzhenerno-Fizicheskiy Zhurnal
(USSR) 1960, v. 3, no. 1, p. 103-107.

The breakdown mechanism of brittle silicon carbide
base ceramet materials can be calculated with accuracy
by W. Weibull's formula of the statistical theory of
strength.

(Materials--Ceramics, TT, v. 5, no. 10)

61-19387

- I. Ceramic materials--
Mechanical properties
2. Silicon carbide--
Properties

- I. Troshchenko, V. T.
- II. MCL-640/1
- III. Technical Information
Center, Wright-Patterson
AFB, Ohio

Office of Technical Services

66
Production of Clad Stainless Steel, by F. A. Ksenzuk,
N. A. Troshchenkov, 10 pp.
RUSSIAN, bk, Prodata i Otdelka Polosovoy Nerzhaveyu-
shchey Staley, Moscow, Chapter X, 1963, pp 190-196.
JPRS 24422

Sci-Mat & Met
May 64

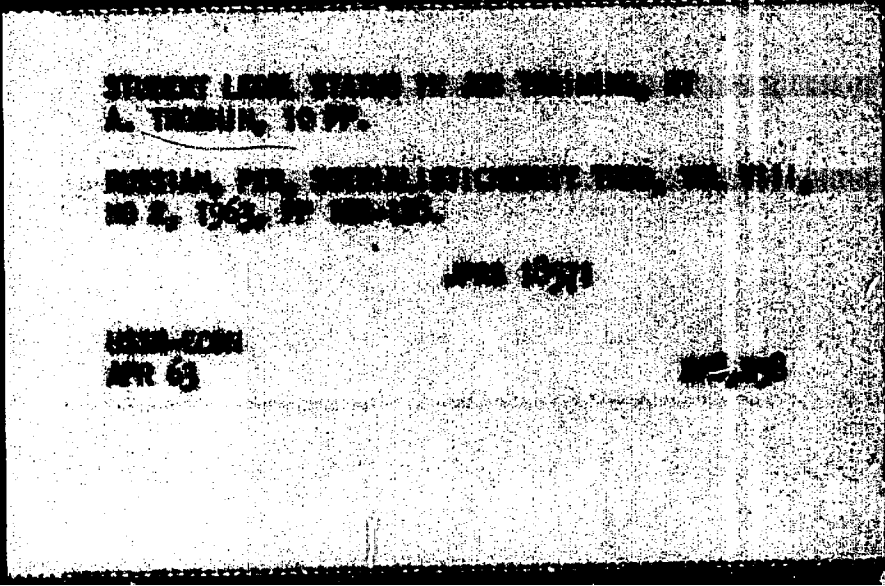
257,190

55
On Methods for the Study of Individual Features
of Higher Nervous Activity in Rabbits, by
G. V. Malinovskiy, In. G. Troshikhina, 7 pp.
RUSSIAN, per. Metodiki Issledeniya Tipologicheskikh
Osobennostey Vysshey Nervnoy Deyatelnosti
Zhivotnykh. 1964, PP 77-81. F100183668-V
F11-61-67-186

yu. G. Troshikhina

Sci/Sec
Aug 68

31 8 68



Some Lines of Cytological Investigation in the
U.S.A., by A. A. Troshin, 18 pp.

RUSSIAN, per, Embriologiya, Vol III, ~~NO. 4~~
No 4, 1961, pp 489-493.

NIH 11-49-61

181, 085

Sci - Med

Jan-62

and Distribution of Sulphur Between Metal and Slag

Concerning the Physiological Foundations of Psychotherapy
by A. K. Troshin, pp. 55-56.

RUSSIAN, bk, Psychoterapy in The Soviet Union

CIA Lib.
RC 480 .L4 E5

Dec 61.

50
Cytology Manual 5, Theories of Permeability,
by A. S. Froshin, et al,
RUSSIAN, bk, Rukovodstvo Po Tsitologii. V. L.
5, Teories Pravitelstvenosti, 1965, pp 537-551.
CARD

Sci-888
Nov 66

313,129

The Sorbtion Theory of Distribution of Substances
Between the Cell and the Environment, by A. S.
Troshin, 16 pp.

RUSSIAN, bk, Voprosy Tsitologii i Protistologii,
Sbornik Rabot, 1960.

OTS 61-31010
PL-480

Sci

Jun 62

PST 545

197,671

(DC-6731)

Applied Cytology, by A. S. Troshin, V. P. Faribok,
et al, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol,
Vol XXVII, No 1, Feb 1962, pp 127-310.

JPRS 13487

Sci - Biol
Apr 62

192, 330

On Bound and Free Sodium in Frog Skeletal
Muscles, by A. S. Troshin, 11 pp.

RUSSIAN, per, Biofizika, Vol II, No 5, 1957,
pp 617-627.

Pergamon Press

Sci - Phys

Sep 58

71,851

S-470/60

(NY-4287)

Research Tasks on the Problem "Key Questions of
Cytology, by A. S. Troshin, 12 pp.

RUSSIAN, per, Tsitologiya, Vol II, No 2, 1960.

JPRS 5498

Sci - Med

128,965

Oct 60

(S)

Research on the Mitotic Division of Cells. by A. S.
Troshina, L. N. Zhinkin, 4 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXII, No. 11,
1961.

JPNS 11836

Sci - Biol

180,381

Jan 62

(NY-6745)

SOME TRENDS OF CYTOLOGICAL RESEARCH IN
THE UNITED STATES, BY A. S. TROSHIN, LO PP.

RUSSIAN, PER, TSITOLOGIYA, VOL 111, NO 4,
JUL/AUG 1961.

JPRS 12:195

SCI
FEB 62

181,661

Labeling Films and Monomers With Radioactive Phosphorus
by N. V. El'yashova, A. S. Troshin, 10 pp.

RUSSIAN, per, Zool Zhur, Vol XXXII, No 4, 1964, pp 241-247.

JPRS 22104

Sci-Stat
Dec 63

241,701

NEW DATA ON CHANGES IN THE CELL RESISTANCE FROM
INACT AND EXCITATION, BY G. L. BERENTIN,
A. S. TROSHIN, 10 PP.

RUSSIAN, PER, TRUDOLITE, VOL. 7, NO. 1, PP. 34-43.

J FEB 21964

SCI-BIOL & MED SCI
NOV 63

212,2110

Permeability of the Cell Membrane, by A. S. Diamond, 24 pp
RUBIN, per, Tshologiya, Vol 7, No 4, Mar, Dec 1963,
pp 601-616.

JPRS 25472

Sci-Med
Mar 64

251,490

(DC-3356)

The Work of Dmitriy Nikolayevich Nasonov, by A. S.
Troshin, 4 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 6, 1959,
pp 601-604.

JPRS 3628

Sci - Med

122,909

Aug 60

(NY-6502)

Communism - A Science, by D. M. Troshin,
11 pp.

RUSSIAN, per, Priroda, No 10, 1961,
pp 3-10.

JPRS 13126

USSR
Fol
Apr 62

189,384

Sci/Biology/Dialectical Development of Michurin Biol. C

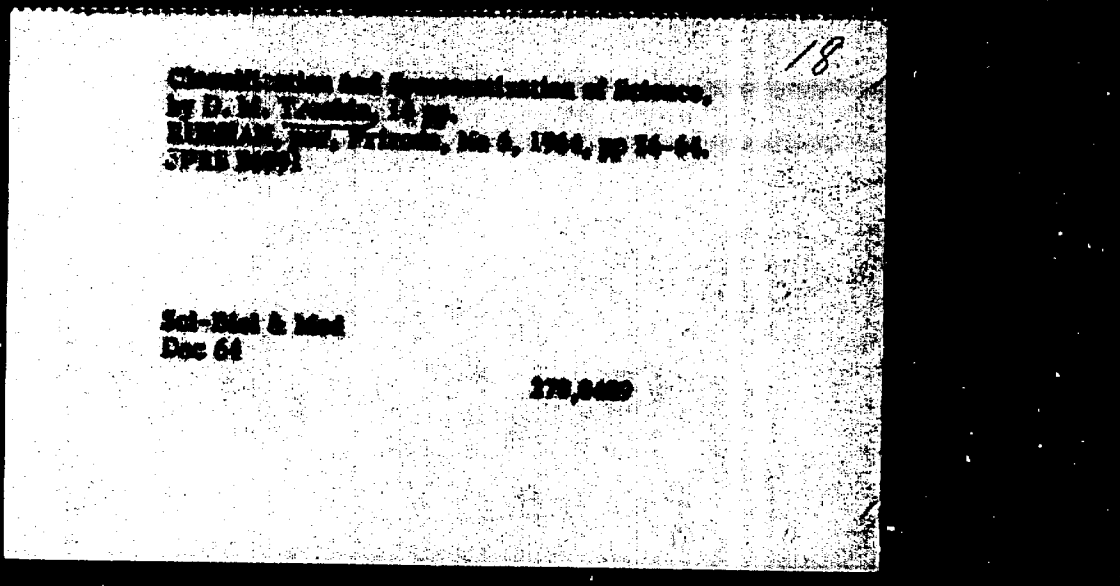
Table of Contents, by D. M. Troshin.

RUSSIAN, Dialektika Razvitiya v Michyurinskoy Biologii,
Gospolitizat, Moscow, 1950.

OQMG Tr
QMT-39

Dec cts
UNCLASSIFIED

A12192



Running Control of Operation of Drying Plants, by
A. V. Troshin

RUSSIAN, per, Prom Energetika, 1952, Vol VI, pp 4-9.

PT 2744
D.S.I.R. Tr No T.C.L. 45

Scientific - Engineering

List No 49, Apr 1953

1085

(NY-6753)

The Problem of Combined Disturbances of
Cerebral and Coronary Circulation, by
V. D. Troshin, 9 pp.

RUSSIAN, per, Terapev Arkhiv, Vol XXXIII,
No 7, 1961, pp 35-38.

JPRS 11625

Sci - Med

178, OP2

Jan 62

Gas Flow Through an Opening in a Channel Wall, by
V. I. Troshin, 6 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXIII, No 5,
1959, pp 944-947.

Pergamon Press

Sci

Apr 60

114,926

Flow of a Gas Jet Out of A Channel Past a Flat
Plate, by V. L. Troshin, 7 pp

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIII,
No 4, 1959, pp 766-769

Pergamon Press

001

Feb 60

109,293

Measurement of the Transference Numbers of Ions
Relative to the Solution
By B. P. Konstantinov and V. P. Troshin, pp. 5

RUSSIAN, per. Zhur Prik Khim, Vol XXV, No 11, 1962,
pp. 2420 - 2425

CB

Sci

240-931

Oct 63

The Structure of the Front of Spherical Flames
and the Instability of Normal Combustions, by
Y. K. Troshin, K. I. Shehelkin, 9 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz,
Vol IX, 1955, pp 160-166. 9036521

SLA R-1183

TIL-T-7708

May 58

May 1979/T-42

63,172

SLA: 61-13309

Gasdynamics of Combustion, by K. I. Shchelkin,
Ya. K. Troshin, 365 pp. 30
RUSSIAN, bk, Gazodinamika Goreniya, Moscow,
1963, 255 pp.
NASA TT F-231

Sci-Phys
Nov 64

268,534

(NY-5590)

Generalization of the Hugoniot Equation for
Nonstationary Flame Propagation Processes in
Tubes, by Ya. K. Troshin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, No 3,
21 Jul 1955, pp 465-468.

JPRS 7586

140,289

Sci - Phys

Feb 61

No 14

(DC-3639).

On the Similarity Between Combustion in a Detonation
Wave and in a Rocket Motor, by Yu. N. Denisov, Ya.
K. Trosnin, K. I. Shchelkin, 17 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energet i Avtomat, No 6, 1959, pp 79-89.

JPRS 3321

118,674

Sci - Engr
Jun 60

On Spin Near the Gas Detonation Limits, by I. K. Troshin, K. I. Shchelkin, 3 p.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 9, 1957, pp 142-143. CIA 1071116

Morris D. Friedman

Sci

Jul 59

91,342

Pulsating and Spinning Detonation of Gaseous
Mixtures in Tubes, by Yu. N. Denisov, Ya. K.
Troshin, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 1,
1959, pp 110-113.

Consultants Bureau

Sci

Apr 60

114,946

Troshin, Ya. K.
GENERALIZATION OF THE HUGONIOT EQUATION
FOR NONSTATIONARY FLAME PROPAGATION
PROCESSES IN TUBES (Obobshcheniye Uravneniya
Gyugonio na Nestatsionarnyye Protsessy Raspro-
straneniya Plameni v Trubakh). 29 Jan 61, 7p. 6 refs.
JPRS: 7586.
Order from OTS \$0.50 61-21130

Trans. of Akademiya Nauk SSSR. Doklady, 1955,
v. 103, no. 3, p. 465-468.

(Physics--Thermodynamics, TT, v. 5, no. 8)

61-21130

1. Flames--Propagation
 2. Pipes--Thermodynamic properties
- I. Troshin, Ya. K.
 - II. JPRS-7586
 - III. Joint Publications Research Service, New York

Office of Technical Services

Points on Lower Hugonit Curve Describing Combustion
Modes in Jet Engine Chambers, by Ya. K. Troshin.

RUSSIAN.

ARS Journal (Supplement)
Oct 1959

(NY-5341/4)

Structure of Gaseous Detonation in Tubes, by Yu. N. Denisov, Ya. K. Troshin, 28 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 4, 1960, pp 450-459.

JPRS 7224

AIP

Vol. XXX, No. 4, 1960

Sci - Phys

Dec 60

135,814

Gallium-Indium Ratio in Sphalerites of
Transbaikaliya, by Yu. P. Troshin, 10 pp.

RUSSIAN, per, Geokhin, No 4, 1962.

Geochem Soc

Sci

Jun 63

233,618

An Adiabatic Calorimeter Working on the Continuous Heating Principle, by Yu. D. Tret'yakov, V. A. Troshkina, K. G. Khomyakov.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1, 1959, pp 5-12.

The Cleaver-Hume Press Ltd

Sci - Chemistry
Jan 60

105,862

(NY-5502)

The Effect of Gradually Increasing Stimuli on
Muscle Tissue, by V. P. Troshin, 6 pp.

RUSSIAN, per, Tsitologiya, Vol II, No 5, 1960.

JPRS 7884

Sci Med

Apr 61

146,633

8-5229

(NY-2637).

The Reversibility of Neutral-Red Granule-Formation
as a Function of the Duration of Existence of
the Granules, by Z. S. Shtempel', V. P. Troshina,
8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 1, 1959,
pp 105-110.

JPRS-1802-N

Sci - Med, Cytology
Aug 59

94,302

The Influence of Low Temperatures Upon Isolated
Epithelial Tissues of White Mice and Frogs, by
V. P. Troshina, V. A. Shturm, 4 pp.

RUSSIAN, no per. Byul Eksper Biol i Med, Vol XLI,
No 7, Jul 1956, pp 63-66.

Consultants Bureau

Sci - Med

56,184

Doc 57

62-16333

Troshkin St. John. A. N. and Titterton, W. E.
A PROCESS FOR COATING (OR LINING) AN ELON-
GATED OBJECT WITH THE AID OF POLYTETRA-
FLUOROETHYLENE AND PRESTRESSED TUBES.
[1962] [15]p.

- I. Troshkin St. John. A. N.
- II. Titterton, W. E.
- III. Patent (Belgium) 564 359

Order from OTS or SLA \$1.60 62-16333

Trans. of Belgian patent 564,359 by Resistoflex Corp.,
USA, appl. 29 Jan 58, granted 29 July 58 (priority: USA,
filed 30 Jan 57).

DESCRIPTORS: *Plastic tubing, Coatings, *Polyethyl-
ene plastics, Fluorides, Heat treatment, Stresses,
Manufacturing methods.

A tube of polytetrafluoroethylene resin agglomerated
under heat and subjected to a prestressing has stable
dimensions at ambient temperature but is susceptible,
because of its being prestressed, of having the length of
its periphery modified in a uniform manner along its
(Materials - Plastics, TT, v. 9, no. 5) (over)

C227844

Office of Technical Services

HYDROMETRY; THEORY AND PRACTICE OF HYDRAULIC
MEASUREMENTS, BY ADAM TADEUSZ TROSKOLANSKI.

POLISH, BK, HYDROMECHANIKA TECHNICZNA, 1960, 684 PP.

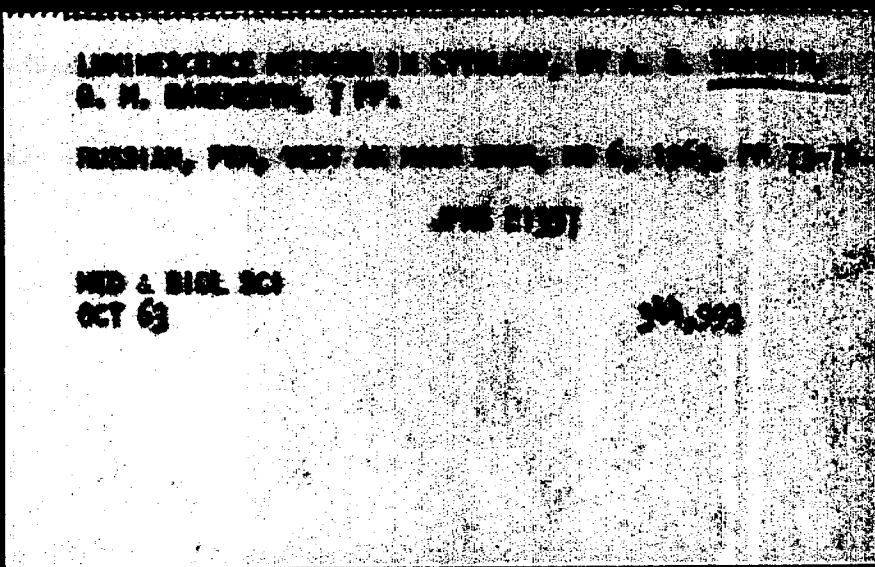
DEPT OF INTERIOR
TC177 T683

SCI - ENGR

NOV 62

075.62-12049

216,717



27

Influence of Alloying on the Hardness of NiAl and
Its Solid Solutions, by L. A. Kucherenko, V. A. Troshkina,
5 pp.
RUSSIAN, per, Vest Moscow Univ, Ser II Khimiya,
No 1, 1964, pp 53-55. 9695735
FTD-TT-64-1270

Sci - M/M
Jan 65

271,464

(DC-3354)

G. Yu. Belitskiy Ionnye Mekhanizmy Osnovnykh
Nervnykh Protsessov, [Ionic Mechanisms of the
Basic Nervous Processes], by V. P. Troshina, 8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 3, May/June
1959, pp 341-344.

JPRS 3398

Sci - Biol

118,869

Jun 60

(DC-3354)

Conference on Adaptational Reactions and Methods of
Increasing Resistance of the Organism to Unfavorable
Influences, by I. P. Suzdal'skaya, V. P. Troshina,
8 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 3, May/June
1959, pp 347-350.

JPRS 3398

Sci - Biol

118,863

Jun 60

Portable Sets Using Pulse Transformers
to Obtain Short X-Ray Flashes, by K. F.
Zelenski, I. A. Troshkin, 5pp.

RUSSIAN, per, ~~Prithory i Tekh Ekspar~~, No
2, 1963, pp 140-144.

ISA

Sci-Electron
Dec 63

245,707

An Investigation of Internal Mass-Transfer Processes During the Drying of Pasty Materials under the Conditions Obtaining in the Roller-Belt Dryer-, by B. S. Sashin, O. A. Troshkin, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 7, 1963, pp 1483-1493.

CB

Sci
Sep 64

566,575

The Determination of Amino Acid Esters by the
Hydroxamic Reaction, by I. M. M. Botvinik, E. V.
Troshko, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 5,
1962, pp 1382-1388.

CB

Sci

Mar 63

233,535

The Effect on Room Temperature of Drawing Water for Household Needs Directly From the Heating Main, by P. V. Troshyn, 2 pp.

~~CONFIDENTIAL~~
RUSSIAN, Teplos Khozy, Vol 16, No 4, 1940, pp 36-7
See Watford: Building Research Station.

BRL Comm No 150/22

Sci Museum No 51/2753

~~CONFIDENTIAL~~
Economic

A12193

TT-63-23903

Troshykhin, V. A.
SOME QUESTIONS ON THE DEVELOPMENT OF
CONGENITAL CONDITIONED REACTIONS AND
NEUROSES DURING ONTOGENESIS (Deyaki Pytannya
Rozvytku Pryrodzbenykh Umovnykh Reaktsii i
Nevroziv v Ontogenezi). [1963] [18p] 16refs FASEB
Manuscript no. S 349-2.
Order from OTS, SLA, or ETC \$1.60 TT-63-23903

Trans. of Fiziolichnyi Zhurnal (USSR) 1962, v. 8,
no. 2, p. 159-167. (Abstract available)

DESCRIPTORS: *Conditioned reflex, Reflexes,
*Reaction (Psychology), *Neuroses, *Speech disorders,
Infants, Analyzers (Psychology)

The development and changes of the sucking and
optokinetic reflexes of puppies during the first year of
life are described. Neuroses were developed in puppies
by conditioned reactions formed in association with
(Behavioral Sciences--Psychology, TT, v. 11, no. 7)
(over)

- I. Troshykhin, V. A.
- II. FASEB S-349-2
- III. Federation of American
Societies for Experimental
Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

73551

Office of Technical Services

Temperature Effects in the Plasma Vibrations of
High-Density Fermi-Gas, by I. V. Trosnikov, *et al.*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6
1960, pp 1347-1350.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,325

The Use of the Electron Micro-Scope for the Evaluation of the Molecular Weight and of the Polydispersity of Methyl Polymethacrylate, by A. G. Nasini, G. Ostacoli, G. Saini, G. Maldifassi, L. Trossarelli.

ITALIAN, ~~XXX~~, pamphlet, Symp Macromol Chem Pap, Milan, Turin, 1954, 13 pp.

TPA3/TIB T 4455

Weur - Italy
Sci - Electronics, Physics

29,392

Detection of "Separations" In Sheet Material
With Ultra Sonics, by A. Trost, 7 pp.

GERMAN, per, Verein Deutscher Ingenieure,
Zeitschrift, Vol LXXXVII, No 23/24, 1943,
pp 352-354.

SLA 60-14402

Sci
Aug 61

OTS, Vol III, No 12

163,145