

Poisonous Secretions of Ants, by R. Stumper.
GERMAN, per Naturwissenschaften, Vol. 47, No. 20,
1960, pp 457-463
GB/52

R. STUMPER

Sci -
July 1967

334-436

Two Reciprocating Testing Machine T.T.P.
in Practice, by H. H. Thompson.
Mach. Eng., Rev. Ed., 1944, 61, Feb., Vol XL1
209-209.
*0191 4075

Sci/Met & Mat
Mar 65

279,649

Mathematical Statistics for Use in Iron and
Steel Works, by H. Kowypel, A. Stumpf.

GERMAN, per; Archiv Eisenhüttenwesen, 2 Part XL,
Vol. XXVII, Dec 1961, pp 893-892.

BISI 2809

Scd - M/M
Jul 63

235,346

Integrated Quality Control, A New Way of Solving
Old Problems, by H. Knuppel, A. Stumpf.

GERMAN, per, Stahl und Eisen, Vol K LXXXII, No 22,
1962, pp 1552-1560.

HB 5746

Sci-M/M

Aug 63

843, 505

Accuracy of Time Studies, by A. Stumpf. UECL

GERMAN, Ger, Stahl u Eisen, 1 Dec 1955.
pp 1640-1645.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98, 406

Mathematical Statistics in Iron and Steelmaking
Plants, II - Planning and Evaluation of Trails
and Operating Records, by H. Knuppel,
A. Stumpf.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXIII, No 1, 1962, pp 67-76.

DISI 3324

Sci - M/M
Nov 63

241,658

Studies on the Cholinesterase-Inhibiting Action
of Polymethylene-bis-(N-Methylcarbamoyl -
Trimethylammonium Phenols, by E. Herzfeld, Ch.
Stumpf, 18 pp.

FUENESS, per, Archives Internationales de
Pharmacodynamie et de Therapie, Vol CVII, No 1,
1956, pp 33-44.

SLA 59-15412

Sci - Chemistry
Oct 59
Vol II, No 4

103, 224

Studies on the Cholinesterase-Inhibiting Action
of Polymethylene-Bis-(N-Methyloarbaminoyl-m-
Trimethylammonium Phenols, by E. Herzfeld,
Ch. Stumpf, 18 pp.

BELGIAN, per, Archives Internationales de
Pharmacodynamie et de Therapie, Vol CVII, No 1,
1956, pp 33-44.

SLA 59-15412

Sci - Chem
Dec 59
Vol 2, No 4

102,830

In Vitro Determination of Thyroid Function With
the Serum T_3 Test, by W. Stumpf, et al.
GERMAN, per, Medizinische Klinik, Vol 58, No 5,
1963, pp 192-196.
*AEC LI/G/2499

W. Stumpf

Sci/B&M
Jan 67

Classical Non-Linear Lattice Statics of Distorted
Crystal Structures, by E. Fues, H. Stumpf, 21 pp.

GERMAN, per, Zeit f Naturforschung, Vol Xa, No 2,
February 1955, pp 136-145.

A.E.R.E. Lib Tr 630

Sci - Chemistry

39,365

Use of Capsules in the Determination of the
Calorific Value of Solid Fuels, by E. E.
Stumpf.

GERMAN, per, Brennstoff-Chemie, Vol XXIV,
1953, p 341.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 242

Sci - Chem, *Fuels*

89,901

Jun 59

Stumpf, Karl-Ernst.
INVESTIGATIONS OF AUTOCATALYTIC AND
PHOTOCHEMICAL DECOMPOSITION OF IRON
PENTACARBONYL VAPOR IN THE PRESENCE OF
OXYGEN, AND ON THE RESULTING IRON OXIDES
(Untersuchungen Über die Autokatalytische und
Photochemische Zersetzung von Eisenpentacarbonyl-
dampf in Gegenwart von Sauerstoff und die Dabei
Entstehenden Eisenoxyde). [1963] 42p (figs omitted)
28refs
Order from SLA \$4.60

TT-63-20739

Trans. of Zeitschrift für Anorg[anische und]
Allg[emeine] Chemie (East Germany) 1952, v. 270,
p. 114-144. (Abstract available)

DESCRIPTORS: *Catalysis, *Photochemistry, *Iron
compounds, *Carbonyl radicals, *Oxides, Vapors,
Oxygen, Colloids, Phase studies, Nickel compounds.
(Chemistry--Physical, TT, v. 11, no. 4) (over)

TT-63-20739

I. Stumpf, K. -E.

08114

Office of Technical Services

Layout of New Explosive Dumps in Densely
Populated Area, by Kurt Stumpf, 9 pp.

GERMAN, per, Explosivstoffe, Vol VIII, 1960,
pp 183-186.

ABC UCHL-Tr-659(L)

KBR - Germany
Geog
Oct 61

172,181

79
In Vitro Determination of Thyroid Function
with Serum ^{125}I Test, by W. Stumpf, E. G. Graul.
Circulation, par, Med Klin, Vol 58, 1963, pp 192-196.
ABO=ACME-Trans-1073

Sui-SQ1
Jan 68

348,734

Comparative Consideration of the ^{*}Blasting Methods
Used in a Large Limestone Quarry, by W.
Stumpf.

GERMAN, per, Nobel Hefte, Vol XIX, No 4, Jul
1953.

ASLIB-GB39

Sci - Engr

Jun 59

89,289

Kymographic X-ray Diagnosis for Evaluation of the
Heart, With Examples, by P. Stumpf, 149 pp.

GERMAN, bk, publ by Georg Thieme Verlag,
Stuttgart, 1951, pp 1-120.

HIB

Scientific - Medicine
May 55 CTS.

23,458

SLA 1890/57

New Formulas and Auxiliary Tables to Calculate Ephemerides, by K. Stumpff,
GOVERNMENT USE ONLY
GERMAN, per, Astronomische Nachrichten, Vol
CCLXXV, 1947, pp 108-128. 200038066
RSIC-572

K. Stumpff

Sci-Nath
Sept 66

310,578

STUMPER, R.
METTELOCK, P.

Archiv Eisenhuttenwesen, vol. 15, 4 figures,
9 tables, 4600 words; 1942.

Determination of Nitrogen in Steel.

Brutcher Trans, Order No. 1350 \$5.75

A-7854

Testing of Materials, Used for the Making of Feather
Beds and Pillows, for Imperviousness, by Arthur
Sturpp, 47 pp. UNCLASSIFIED

GERMAN, per, Mitteilungen des Deutschen Forschungs-
Institute fuer Textilindustrie, 1951.

QMT Tr 496

11,281

EFur - Germany
Economic
CIS/DEK

The Existence of Boron Nitride Intercalation Compound
by Ruedorff, E. Stumpp, 4 pp.

GERMAN, per, Z Naturforschung, Vol XIIIb, No 7, 1958,
p 459

SIA 59-10735

Sci - Chem
Sep 1959
Vol 2, No 1

97,289

The Sea Days, by Z. Studzinski, Miscellaneous
Maritime Information, 10 pp.

POLISH, per, Morse, Jun 1956, encl to Ser No
225-56, Warsaw, pp 2-3, 10, 14, 19. CIA D 542104.

Navy Tr

CTB/Dax

EE - Poland

Military - Navy

Economic - Fishing, Shipping

38, 011

J-1455/64

The Battles for Riga, by G. Stungur, 4/38.

RUSSIAN, np, Sovetskaya Latviya, 8 Oct 64.

JPRS/SPECIAL/DC-10926

USSR

Pol, Mil

Nov 64

Railroads of China in the Past and Today,
by J. Stumenberg, 14 pp.

DUTCH, per, Spoor en Tramwegen, No 26,
1961, pp 422-427.

ACSI I-1116
ID 2191535

ASIA - China
Econ
5 Apr 62

189,802

Obtaining Bipaternal Androgenetic Hybrids in the
Mulberry Silkworm, by V. A. Stannikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 3,
1958, pp 516-.

Amer Inst of Biol Sci

Sci - Med

96,127

57,110
Mode of Transport of Beryllium in Alkali
Metasomatism, by I. N. Govorov, A. A. Stumzhas, 8 p

RUSSIAN, per, Geokhimiya, No 4, 1963.

BT

Sci

Feb 64

249,110

J-321/62

The Sea Locks of Yemen, by A. Stupak,
(DC-6717)

RUSSIAN, np, Za Rubezhom, No 20, 20 May 1961,
pp 16-18. ~~VVVVVVV~~

*JPRS

NE/A - Yemen
Geog
X 20 Mar 62

(DC-6717)

The Sea Gate of Yemen, by A. I. ~~Stupak~~
Stupak, 13 pp.

~~RUSSIAN~~ RUSSIAN, par, 2a Rubezhom, No 20,
20 May 1961, pp 16-18.

JPRS 13390

192,061

~~RUSSIAN~~ *192/A - Yemen*
~~RUSSIAN~~ *Environ*
Apr 62

(NY-5100)

THE CONFERENCE ON THE PROBLEM OF THE APPLICATION
OF HYDRAULIC TRANSMISSIONS, BY B. G. STUPAK, V. A.
FEDOTOV, 3 PP.

RUSSIAN, PER, SUDOSTROYENIYE, NO LL, 1961,
P 80.

JPRS 13587

USSR
ECON
SCI - ENGR

133,361

NCH-202 538

Field 8N

Stupak, N. K.

AN ANALYTICAL METHOD OF SEPARATING
ANOMALIES (Analiticheski Sposob Razdeleniya
Anomalie). Tr. by H. R. Hayes. 1964, 8p.
NRC-TT-1153; NRC-C-5583.
Order from NRC: \$0.50 as C-5583

Trans. of Geofizicheskii Sbornik (USSR) v2 n4 p41-5 1962.

I. National Research
Council of Canada,
Ottawa (Ontario)

Analytical Report for the Division of
Anomalies, by N. K. Stupak,
Russian, bk. Analiticheskii Sposob
Razdeleniya Anomaliy, 1963,
issue 5 (7).
ACIC-TC-8578

N. K. Stupak

Sci/Earth Sci
Jul 65

283,753

TRANSMISSION OF INTENSE PULSED ELECTRON
BEAMS THROUGH DIELECTRIC TUBES . II.
BY A. K. BEREZIN, V. G. STUPAK, 5 PP.

RUSSIAN, PER, ZHUR TEKH FIZ, VOL XXXII, NO 5,
1962, PP 600-605.

AMER INST OF PHYS
SOV PHYS - TECH PHYS
VOL VII, NO 5

SCI FEB 63

221, 605

TRANSMISSION OF INTENSE PULSED ELECTRON BEAMS
THROUGH DIELECTRIC TUBES, BY
A. I. K. BEREZIN , V. G. STUPAK, 5 PP.

RUSSIAN, PER, ZHUR TEKH FIZ, VOL XXXII, NO 5,
1962, PP 593-599.

AMER INST OF PHYS
SOV PHYS - TECH PHYS
VOL VII, NO 5

SCI
FEB 63

221,604

Distribution and conditions of occurrence of the
Lower Permian sediments of the northeast Donets
Basin, by G.D. Alrayeva, V.P. Stupakov, 4 pp.

RUSSIAN, per, Geolog Neft i Gaza, Vol III, No 12-A,
1959.

RRG

193,950

Sci
Mar 62

The Aetiopathological Role of Certain Serological
Types of Escherichia coli (026, 055, 0111) in
Dyspepsias, 6 pp, by N. I. Zatsápin and T. F.
Stupakova.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXVII, No 5, 1957, pp 44-49.

Pergamon Institute

Sci- Med

Jul 58

66,443

The Listeners and Program of Radio Ljubljana, by
Ann Stuebel, 35 pp.
SERBI-CHARTIAN, per, Sociologija, No 5-6, Sept/Dec
1965, pp 133-154.
JPRS 27360

EEur-Yugoslavia
SOC
Feb 65

P 32

273,266

Sulphur Exchange Between Gas Phase and Bath of a Bas.
Open-Hearth Furnace, by Stupar.

RUSSIAN, mo per, Stal, Aug 1957, p 707.

British Iron Steel Ind
Co-op Tr Sch Tr 705

Sci - Engr
Jan 58

57,766

(DC-4751)

Advanced Schools for Social Workers and Their Place
in the School System, by Mihail Stupar, 6 pp.

CROATIAN, per, Nova Administracija, Vol VIII, No 9,
1960, pp 918-922.

JPRS 6577

KEur - Yugoslavia

Soc

Jan 61

138,685

Basic Principles of Yugoslav Labor Law in Connection with the New Law on Employment, by ~~M.~~ Mihailo S. Stupar, 17 pp.

SERBIA, per, Novi Administracija, No 10, Oct 1964, pp 570-583.

JPRS 20717

EE-Yugoslavia

Comm

Feb 65

P-29
275,150

Study of Cast Rolling Mill Rolls, by S. I.
Stupar', N. V. X Handler, T. I. Albul, 23 pp.

RUSSIAN, no per, Stal', Vol XVI, No 7, 1956,
pp 638-645.

CIA/FDO X-2198

Sci - Engineering
Nov 1956 CTS/dex

40,915

61-10296

Stüpel, H.
LABORATORY LAUNDERING WITH SYNTHETIC
DETERGENTS AND OTHER LAUNDERING AGENTS.
II. RELATION BETWEEN DETERGENCY AND
WATER HARDNESS. [1960] [8]p. 5 refs.
Order from SLA ml\$1.80, ph\$1.80

61-10296

Trans. of [Fette Seifen Anstrichmittel] (West
Germany) 1952, v. 54, p. 321-324.

Synthetic detergent raw materials are influenced in a
negative manner by hard water. The cleaning effect
depends on the manner of soiling and the fabric tested.
Nonionic detergents are subject to the negative effect
of hard water as much as anionic compounds. Con-
siderable differences in action exist between synthetic
and natural water hardness. The relationship of Ca to
Mg is more important than the degree of hardness
itself. Magnesium salts thus may be considered for
use as builders for synthetic detergents. (Author)

(Chemistry--Organic, TT, v. 5, no. 6)

1. Detergents--Test results
- I. Stüpel, H.
- II. Title: Relation...

Office of Technical Services

Experiments on the Determination of the Soil-Suspension
Capacity of Surface-Active Substances, by H. Stupel,
33 pp.

GERMAN, per, Textil Praxis, Vol IX, No 3, ¹⁹⁵⁴ Part I, 264-268
No 4, Part II, pp 364-367.

SLA 3032

Sci
May 58

77 7/2 562

63,728

Stupel, H.

HYGROSCOPICITY, HARDENING, AND CAKING OF
SYNTHETIC DETERGENTS. [1962] 7p.
Order from ATS \$9.00

ATS-48P64G

Trans. of Seifen-Öle-Fette-Wachse (West Germany)
1954, v. 80, no. 8, p. 170-172.

DESCRIPTORS: *Dehydration, *Hardening, *Detergents.

(Chemistry--Organic, TT, v. 9, no. 2)

63-12303

- I. Stupel, H.
- II. ATS-48P64G
- III. Associated Technical
Services, Inc., East
Orange, N. J.

0227372

Office of Technical Services

Stupel, H.
HYGROSCOPICITY, HARDENING, AND CAKING OF
SYNTHETIC DETERGENTS. [1962] 5p.
Order from ATS \$7.00 ATS-49P64G

Trans. of Seifen-Öle-Fette-Wachse (West Germany)
1954, v. 80, no. 9, p. 225-227.

DESCRIPTORS: *Dehydration, *Hardening, *Detergents.

See also: ATS-48P64G

(Chemistry--Organic, TT, v. 9, no. 2)

63-12304

- I. Stupel, H.
II. ATS-49P64G
III. Associated Technical
Service, Inc., East
Orange, N. J.

022,373

Office of Technical Services

New Industrial Uses of Synthetic Surface-
Active Agents, by H. Stupel, 26 pp.

GERMAN, per, Seifen-Ole-Fette-Wachse, Vol
LXXVIII, No 10, 1952, pp 212-124; pp 267-269.

SIA-3306

Sci

Aug 5B

71, 612

Synthetic Washing and Cleaning Agents, 13 pp.
UNCLASSIFIED / by H. Stupak
(Partial Translation from Book)

GERMAN, bk, Stuttgart, Konradin-Verlag Robert
Kohlhammer, 1954, pp 463-467.

CIA/FDD/X-1507

Scientific W - Chemistry
7

19,602

Quantitative Determination of Detergents, by H.
Stupel.
GERMAN, per, Chem Zeitung, No 76, 1952, pp 6-252
GB/256/T191

H. STUPEL

Sci -
Aug 67

336,739

The Quantitative Determination of Detergent Substances, by Helmut Stüpel, 11 pp.

GERMAN, per, Chemiker-Zeitung, No 11/12, 25 Apr 1952, pp 252-256.

S.L.A. Tr 696/1955

50,300

Sci - Chemistry
Apr 1957 CTS/dex

Heat Treatment and Mechanical Properties of Light
Wagon Wheels, by M. Yu. Shifrin, S. I. Stupel', 4 pp.

RUSSIAN, per, Stal, No 2, 1961, pp 160-.

BIBI

165,193

Sci

Aug 61

Polymerization of Chlorinated Styrene Derivatives and Their Copolymerization with Vinyl Chloride, by G. V. Tkachenko, L. V. Stupen', et al., 10 pp.

RUSSIAN, per, *Zhur Fiz Khim*, 1958, Vol XXXII, No 10, pp 2250-2255.

SLA 59-10445

Sci - Chem
OTS I, 12
Jul 59

92, 262

Oxidative Action of Some Acyl Peroxides, by
G. A. Razuvaev, L. V. Stupen, and K. S. Minsker,
2 pp.

Full tr

RUSSIAN, ~~MAKER~~ no per, Zhur Obshch Khim, Vol LXVI,
No 2, 1956, pp 473, 474. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

44, 703

Flight Experiences and Tests on Two Airplanes with
Suction Slots, by Stuper

GERMAN, per, ZMB Forschungsbericht, No 1321, 1 Jul
1943.

S.L.A. Tr Pool

Scientific - Aeronautics
CTS/DEX
x

14,280

The Fluorometric Titration of Epinephrine in the
Plasma and the Adrenal ~~EXXAXA~~ Gland of the Rat.
The Influence of Different Factors, by
M. Stupfel, J. Roffi, 4 pp.

FRENCH, per, Comptes Rendus Soc Biol, Vol CLIV,
1960, pp 1216-1219.

OT 5 61-18661 NIH 10-43-61

181, 003

Sol - Med

Jan 62

95
Sodium Sulfide as a Raw Material in the Process
of Regenerating Chemicals by the Sulfate Method,
by Krystyna Soszynska, Halina Stupinska, 12 pp.
POLSKA, pr., Przemysl Chemiczny, Vol 17, No 7,
1961, pp 193-196. ~~191111167~~
ARC A1 Tr-235

Halina Stupinska

27,784

Sci - Materials
June 67

(FDD 25274)

The Contribution of Russian Researchers to the
Creation of Hydrological Instruments, by A. V.
Stupishin, 3 pp.

RUSSIAN, no par, Priroda, No 1, Moscow, Jan 1955.

CIA/FDD/U-7131

26,488

USSR

Sci - Geophysics, history, hydrology
(Amato)

Jul 55

Results of Cytological and Luminescent-Cytological
Investigation for the Diagnosis of Carcinoma of
the Cervix Uteri, by A. I. Stupko, L. N.
Brusyanikova, 5 pp.

RUSSIAN, per, Voprosy Onkol, Vol VI, No 9, 1960,
pp 66-69.

PP

159,067

Sci

Apr 61

PRODUCTION OF STEEL, BY ADAM STUPNICKI, 5 PP.

POLISH, PER, PRZEGLAD TECHNICZNY, NO 28, 15 JUL 1962,
P 5.

JPRS 15652

EEUR - POLAND
ECON
OCT 62

213,536

Relation Between the Specific Gravity and
the Nitrogen Oxide Content of Nitrosyl-
Sulphuric Acid, by S. D. Stupnikov.

RUSSIAN, per, Zhur Khim Prom, No 10/11,
1944, pp 5-8.

CSIRO

Sci - Chem
Aug 62

211,504

On the Radioactive Nature of Orthites and
Their Ratio of Uranium, Thorium, and
Rare Earths, by D. A. Mineyev, N. I.
Stupnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,
No 4, 1959, pp 916-918.

AGI

Sci

154, 664

Jun 61

Lead Isotopic Ages of Rocks of the Middle and
South Urals by N. I. Stupnikova and S. I.
Zykov, p 11 *PA*

RUSSIAN, per, Geokhimiya, No 7, 1962

Geochem Soc

Sci

Jun 63

342 6 33

Reduction With Formic Acid and its Derivatives. VI,
Synthesis of N-Cycloalkylethanolamines, by A. N.
Kost, N. I. Stupnikova, 2 pp.

RUSSIAN, no per, Zhur Obschch Khim, Vol XXVI, No 9,
Sep 1956, pp 2485, 2486.

Consultants Bureau

Sci - Chemistry
Feb 58

58,945

Absolute Age of Intrusives of the Yenisei Range,
East Tuva, by Zykov, S. I. Stupnikova, N. I. 15 pp.

RUSSIAN, per, Geokhim, No 7, 1961,

Geochem Soc

Sci

Oct 62

216,296

Natural Tularemia Foci on the Territory
of the Ukrainian SSR, by V. M. Stupnitskaya,
V. M. Marinov. 10p.

RUSSIAN, per, Zhurnal Mikrobiologii
Epidemiologii i Immunobiologii, Vol 41,
No 10, 1964, pp 94-98,
SLA AD-625 647

V. m. Stupnitskaya

Sci-BRM
Jul 66

307,587

Stupnitskaya, V. M. and Gorfinkel, G. A.
GRAM-NEGATIVE MICROFLORA ISOLATED FROM
GRAY RATS IN THE CITY OF KIEV. [1961] [3]p.
Order from OTS or SLA \$1.00 62-15008

Trans. of Gosudarstvennyi Nauchno-Issledovatel'skii
Protivochumnyi Institut. Trudy (USSR) 1956, v. 10,
p. 475-477.

DESCRIPTORS: *Rats, Intestine, Microorganisms,
Sterility, Epidemiology, *Diseases.

Paratyphoid and dysenteric microbes were discovered
in the intestines of gray rats of the city of Kiev. The
parenchymatous organs of the live and healthy rats
were sterile. The microbic dissemination of the
parenchymatous organs of the dead rats takes place
posthumously from the contents of their intestines.

(Author)
(Biological Sciences--Pathology, TT, v. 7, no. 12)

62-15008

- I. Title: Kiev
- I. Stupnitskaya, V. M.
- II. Gorfinkel, G. A.

209287

Office of Technical Services

On a Microbe Isolated From Ground Squirrels in
Conditions of Spontaneous Epizootic, by P. N.
Stuphitskiy, I. S. Tinker.

RUSSIAN, per, Rev Microbiol, Vol XII, No 3,
Saratov, 1933, pp 167-174.

US Dept of Interior
Tr No 66

USSR

Scientific - Biology

Dec 54 CTS

19,814

Kinetics of Thermal Dissociation of Diatomic
Molecules, by E. V. Stupochenko, A. I. Osipov,
3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 7,
1959, pp 1526-1533.

Cleaver-Hume Press

Available Br 5 Library

Sci

May 60

116,826

The Equations of Relaxation Hydrodynamics, by
E. V. Stupochenko, I. P. Stakhanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 4, pp 782-. 1960

AIP
Sov Phys - Dok
Vol V, No 5.

Sci

Apr 61

152,492

On the Displacement of Chemical Equilibrium With the
Violation of the Maxwell Distribution, by
E. V. Stupochenko, 5 pp.

~~SECRET/NOFORN~~

RUSSIAN, per, Prikl Mekh i Tekh Fiz, No 4, 1963,
pp 103-105.

CIA/FID X-5265
FOR OFFICIAL USE ONLY

Sci - Chem Nov 63
Nov 63

240,810

Non-equilibrium Energy Distributions over the Vibrational Degrees of Freedom in Gases.

By A. I. Osipov and E. V. Stupochenko. pp. 20

RUSSIAN, per, Uspekhi Fiz Nauk Vol LXXIX, no 1-2, 1963.

Amer Inst of Phys
Sov Phys - Uspekhi
Vol VI, No 1

340, 485

Sci

Aug 63

Energy Transfer in Molecular Collisions, by
A. I. Osipov, E. V. Stupochenko, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 8, 1960, pp 4 pp.

CTT

168,907

Sci

Sep 61

Thermodynamic Properties of Air in the Temperature
Interval From 1000 to 12,000 K and the Pressure
Intervals From 0.001 to 1000 Atm, by E. V. Stupochenko,
I. P. Stakhanov, E. V. Samuilov, A. S. Pleshanov,
I. B. Rozhdetsvenskiy, 15 pp.

bk
RUSSIAN, ~~ISSR~~, Physical Gasdynamics, USSR Acad Sci,
pp 3-38.

ARS, Vol XXX, No 1
January 1960

Sci - Physics
Feb 60

107610

Distribution of Kinetic Energy of Particles Generated
by Sources in Gaseous Systems, by E. V. Stupochenko,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 3,
1949, pp 447-450.

Assoc Tech Serv

ATS RJ-1728

Sci

Aug 58

72,002

On the Theory of Nonstationary Discontinuities in
Relaxing Fluids, by E. V. Stupochenko, I. P. Stakhanov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 1,
1957, pp 65-67,

Amer Inst of Phys
Sov Phys "Doklady"
Vol II, No 6

Sci - Physics
Jul 58

67,180

SCI/Physics

C

Distribution of Kinetic Energy of Particles Formed by
Sources in Gas Systems, by E. V. Stupochenko.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVII,
No 3, 1949.

AEC Tr 316

UNCLASSIFIED
PA 150T90

A 11648

Rec 275

Tables of Thermodynamic Functions of Air (For
Temperatures of 12,000 to 20,000° K and pressures of
0.001 to 1000 Atmospheres), by A. S. Predvoditelev,
E.V. Stupochenko, E. V. ~~Sm~~ Samuilov, 230 pp.

RUSSIAN, bk, 1957-1960.

ATS

Sci - Phys

180,997

Feb 62

Tables of Thermodynamic Functions of Air (For temperatures of 6000 to 12,000° K and pressures of 0.001 to 1000 atmospheres), by A. S. Predvoditelev, E. V. Stupochenko, E. V. Samuilov, 302 pp.

RUSSIAN, bk, 1957-1960.

ATS

Sci - Phys

180,998

Feb 62

The Influence of External Friction on the Formation
of Shock Waves in Circular Pipes, by E. V.
Stupochenko, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX,
No 6, 1948, pp 1073 - 1076.

AMC F-TS-7466

Sci -Physics, Hydromechanics

Jan 52 CTS

A 11649

Method of Calculation of the Transport
Coefficients of Air at High Temperatures,
by E. U. Stupochenko, B. V. Dotsenko,
I. P. Stakhanov, E. V. Samoilov, 9 pp.

RUSSIAN, par, Fiz Gazodinamika, pp 39-58.

ARS
Apr 60

Sci

115,535

(NY-5659)

The Structure of Mach Lines in Relaxing Media, by
I. P. Stakhanov, Ye. V. Stupochenko, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5,
11 Oct 1960, pp 1044-1047.

JPRS 7788

Sci - Phys

Mar 61

142,001

TT-63-20677

Stupochenko, E. V.
ON THE DISPLACEMENT OF CHEMICAL EQUILIB-
RIUM WITH THE VIOLATION OF THE MAXWELL
DISTRIBUTION. [1963] 5p
Order from OTS, SLA, or ETC \$1.10 TT-63-20677

Trans. of [Zhurnal] Prikl[adnoi] Mekh[aniki] i
Tekh[nicheskoi] Fiz[iki] (USSR) 1963, no. 4,
p. 103-105.

DESCRIPTORS: *Thermochemistry, Gases, Dissocia-
tion, *Chemical equilibrium, Theory, Quantum
statistics, *Partial differential equations, Atomic
orbitals.

(Physics--Molecular, TT, v. 11, no. 8)

I. Stupochenko, E. V.

A273650

Office of Technical Services

Physics of Gas Dynamics, by Ye. V. Stupochenko,
RUSSIAN, bk, Fizicheskaya Gaszodinanika, pp 39-58.

*DSI *London*

30 Jun 61

43
The Non-Equilibrium Distribution of Energy According to Vibrational Degrees of Freedom of the Molecules During Disturbance of the Maxwell Distribution, by A. I. Golper and Ye. V. Stupochenko. AMERICAN JOURNAL OF PHYSICS, Vol. 3, 1963, pp 41-44.
EIL RPS 3049

Sol-Physics
Rev 87

Ye. V. Stupochenko

395.371

Rotational Relaxation of Diatomic Molecules 122
in a Light Inert Gas, by M. M. Safaryan, Ye.
V. Stupochenko, 12 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiziki, No 4, 1964,

FTD-66-261

FTD-66-261

Ye V. Stupochenko

Sci-Physics

Dec 67

346,061

(SF-2021)

The Relationship of the Russian Orthodox Church
to the Ecumenical Movement and to the World Council
of Churches, by Robert Stupperich, 8 pp.

GERMAN, per, Osteuropa, No 7/8, 1961, pp 545-550.

JPRS 11197

USSR

176, 015

Soc

Dec 61

The Schilde Air-free Steam Drier for Wood,¹⁴⁴
by H. Sturany.
GERMAN, per, Holz als Roh- und Werkstoff,
Vol 10, No 9, 1952, pp 358-362.
NTC 69-12659-131

H. STURANY

Sci-Tech
Aug 69

389,491

Questions of Flow in the Drying of Wood, by
H. Sturany, 10 pp.

GERMAN, per, Holz als Roh- und Werkstoff, Vol
X, No 5, May 1952, pp 201-207.

S.L.A. Tr 791/1956

Sci - Engineering
Oct 56 CTS

39,927

(NY-6500)

History of the Study of Yellow Fever in
Russia, by Ya. T. Sturdzy, 6 pp.

RUSSIAN, per, Sovet Zdravookhraneniya,
Vol XIX, No 12, 1960, pp 59-62.

JPRS 11397

Sci - Med
Dec 61

176,900

The Diffusion of Comets, by K. A. Shteins, &
S. Ya. Shtur, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIX, No 3, 1962,
506-515.

Amer Inst of Phys
Sov Astron - AJ
Vol VI, No 3

Sci
Apr 64

254,318

Contribution to Knowledge on the Chill-Aging of
Soft Unalloyed Steels, Primarily From Observations
of Regeneration, by Matthias Hacken, Herbert Sturies.
UNCLASSIFIED

GERMAN, per, Archiv fur das Eisenhuttewesen, Vol
XXIX XXIX, No 4, Apr 1958, pp 235-240.

Navy 2437/778

NRL

Sel - Min/net
Mar 60

109,922

History of X-Ray Fluorescent Materials, by W. Starmer,
8 pp.
KERNSTADT, GERMANY, par. Forts Gebiete
Kernstrahlung Nuklearmed, Vol XCVII, No 4, 1962,
pp 314-319.

CIA/FDD XX-1514
NO FOREIGN DISSEM

Sci - Phys
Mar 64
USIS Internal Use Only

252,367

Some Unexplained Phenomena in Kraft Cooking, by
W. Surewicz, 8 pp.

GERMAN, per, Zellstoff und Papier, Vol VIII,
No 8, 1959, p 302.

SLA 60-18473

Sci
Jul 62

203,565

Vol 4, No 12

Sturm, F. V. and Ressel, M.
INFLUENCE OF EXPERIMENTAL CONDITIONS DURING ANALYTICAL DETERMINATIONS BY MEANS OF SQUARE WAVE POLAROGRAPHY AFTER ELECTROLYSIS ON A STATIONARY ELECTRODE. [1963] 23p.
31 refs.

Order from SLA \$2.60

63-18150

Trans. of Zeitschrift für Analytische Chemie
(West Germany) 1962, v. 186 [no. 1] p. 63-769

DESCRIPTORS: *Polarographic analysis, *Electrolysis, Electrodes, Mercury, *Electrochemistry.

A combination of square-wave polarography with the anodic stripping technique is described. Concentration of the metals is carried out by pre-electrolysis at a stationary mercury-drop electrode in a stirred solution. (Chemistry--Analytical, TT, v. 10, no. 12) (over)

63-18150

I. Sturm, F. V.
II, Ressel, M.

00714

Office of Technical Services

Device for Automatic Shutting of the Suction
Conduit From the Teat Cups in Milking
Machines Working Through Suction Alone, the
Shutting Occurring When the Supply of Milk
to a Container Ceases, by Georg Sturm, 3 p.

GERMAN, patent, 284367, cl. 45g, gr. 3,
pub 22 May 15, pat. 5 Mar 13.

Dec 59
Sci
Vol 2, No 6

SLA 59-17194

104,032

the Structure and the Essential Properties of Cast Iron
Investigated on Standard Test Bars, by J. Sturck.
CHERMAN, per, Metallurgy, Vol 9, No 8, Aug 1964,
pp 504-505.
HB 6411

J. Sturck

Sct/ 14824
Apr 65

278,768

Sturm, I. D. and Orlova, S. I.
THE CONVERSION OF FAT, PARAFFIN AND PALM-
TIC ACID UNDER THE INFLUENCE OF MICRO-
ORGANISMS FROM LAKE MEA KUL. 29p. (foreign
text included). 13 refs. MTWL: 169.
Order from OTS or ETC \$2.43 61-17855

Trans. of Mikrobiologiya (USSR) 1937, v. 6, no. 6,
p. 754. *~~~~~*

DESCRIPTORS: *Fats, Fatty acids, Hydrocarbons,
*Microorganisms, Fuels, *Decomposition.

61-17855

- I. Sturm, I. D.
- II. Orlova, S. I.
- III. MTWL-169
- IV. Stichting Maatschappij
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

(DC-6002)

Measuring Labor Productivity in Shipyards, by H. P.
Wolff, M. Sturm, 9 pp.

GERMAN, per, Schiffbau^utechnik, Vol X, No 12,
1960, pp 611-613.

JPRS 8955

170,570

EEur - Germany
Econ
Oct 61
SETEE