

Zh. Eks. Teor. Fiz. Vol. VI, No. 10, 1936 P1062

Fluorescence Spectra of
Anthracene and Phenanthrene Crystals
by Obreimov, Prishatko, & Shabalov

pp. 1062-1074 - 21 pp.

NRL Translation 212

RT-727

J-5692

(NY-3380).

Recording of Electric Waves on Paper and Its
Foundation in Theory, by V. Arkad'yev, 26 pp.

RUSSEIAN, par, Zhur: Izoper i Teoret: Fiz, Vol VII, No 1,
1937, pp 87-106.

JFRS 2315

Sci - Electronics
Mar 60

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J-5592

(EX-3320).

Characteristics of Detectors for the Chemical
Recording of High Frequency Electric Fields on
Paper, by B. Arkad'yev, E. Chernyavskaya, 13 pp.

RUSSIAN, per. Zbur Skapar i Teoret Fiz, Vol VII,
No 1, 1957, pp 107-113.

JPRS-2264

Sci - Electronics
Feb 60

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(NY-4827)

The Transmission of Detonation Between Initiating
Substances. II. The Dependence of the
Probability of Transmission of Detonation on the
Distance Between the Charges and on the Area of
the Explosive Charge, by A. F. Belyuyev, E.
Rudkovskaya, Yu. B. Kharaton, 11 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol VII,
No 1, 1937, pp 191-197.

JPRS 7236

135,820

Sci - Phys

(NY-4827)

On the Transmission of Detonation Between Initiating
Explosive Substances. III. The Dimensions of
Particles Transmitting the Detonation, by A. F.
Belyayev, V. B. Khariton, 10 pp.

RUSSIAN, part, Zhur Eksp'er i Teor'et Fiz, Vol VII,
No 1, 1937, pp 198-208.

JPRS 7218

Sci - Phys

Doc 50

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Kinetic Equation in the Case of Coulomb
Interaction, by L. D. Landau, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol VII,
No 2, 1937, pp 203-209. 9097194

CTC 43-14872
A.C.B.I.L. No 1222

NLI 111812

Sol - Phys

Mar 62

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Dec 60

(NY 4827)

Induced Predissociation in the Visible Spectrum
of Bromine, by L. Avramenko, V. Kondrat'ev,
10 pp.

RUSSIAN, per, Zhur Ekiper i Teoret Fiz, Vol VII,
No 2, 1937, pp 249-255.

JPRS 7237

Sci - Phys

135,821

Dec 60

(NY-4827)

The Absorption of Light by Gases During Low
Resolution Studies, by V. N. Kondrat'yev, 15 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol VII,
No 2, 1937, pp 256-264.

JPRS 7216

Sci - Phys

Dec 60

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The Influence of Deformation on the Diffusion of
Mercury Into Zinc, by M. A. Bol'shanina, V. A. Pavlov.

RUSSIAN, paper, Zhur Eksper i Teoret Fiz, Vol VII,
No 2, 1937, pp 318-323.

AEC Tr 559

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Scientific - Physics

Aug 1951 CRB

Electron Gas in a Magnetic Field, by
Ye. I. Litshits.
RUSSIAN, per. Zaur Eksper Teor Fiz, Vol VII,
1937, pp 390-400.
*NASA TT F-479

Sci - Phys
May 67

Zh Ek i Teoret Fiz Vol 7, pp 477-82, 1937

Intensities of electronic spectra of diatomic molecules,
by V. Kondrat'ev

AEC/ BNL/ Tr 122

(NY 4827)

Air Afterglow and Thermal Radiation of Nitrogen Peroxide, by V. N. Kondrat'yev, 8 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol VII, No 5, 1937, pp 645-649.

JPRS 7234

Sci - Phys

135,815

Dec 60

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Vol 7, No. 6 (Jun '37) pp 696-713 (17 pages)

"The Formation of Electron Pairs
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B.V. Tissa

Proj. # 5480

{A-1273.1

REC-324
SR 27 May '50.

(NY 4827)

Afterglow Spectrum During Discharge in Water
Vapor, by M. Ziskin, V. Kondrat'yev, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol VII,
No 6, 1937, pp 937-942.

JPRS 7235

Sci - Phys

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Dec 60

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On Plastic Deformation (of Rocksalt), by N. A.
Brilliantov, I. V. Oshimov.

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No 8, 1937, pp 978-985.

NYL M. 213
ABZ Tr 601

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Scientific - Physics

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Electron Gas in a Magnetic Field, by
Ye. M. Lifshits,
RUSSIAN, per, Zh. Eksper. Teor. Fiz., Vol VII,
1937, pp 390-400. *P910195067*
NASA TT F-479

Sci-Electr
Jul 67

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(NY 4827)

The Quantum Sensitivity of the Spectrographic
Method of Recording Radiation, by V. N.
Kondrat'ev, 4 pp.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol VII,
No 12, 1937, pp 1380, 1381.

JPRS 7220

Sci - Phys

Dec 60

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Sound Absorption in Solids, by G. L. Slonimskiy.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol VII,
No 12, 1937, pp 1457-1462.

Sci Mus Lib Tr 56/3993

SLA/R-8184

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Sci - Physics
Jul 57

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(NY 4827)

Limiting Principles of Freely-Rising Convective
Streams, by Ya. B. Zel'dovich, 6 pp.

RUSSIAN, paper, Zhur Ekspert i Teoret Fiz, Vol VII,
No 12, 1937, pp 1463-1465.

JPRS 7217

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Sci - Phys

Dec 60

(NY-4827)

Limiting Principles of Heat Transfer in an
Internal Problem at Low Velocities, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol VII,
No 12, 1957, pp 1466-1468.

JPRS 7230

Sci - Phys

Dec 60

135, 816

34 EK Ser. 75 Val 5, #1, pp 40-51 (1938)

Absorption of Sound in Strong Electrolysis
M. Leontovich

ACSIL J. # 370
(Copy in files)

Vibrational Properties of an Electron Gas, by
A. I. Vlasov, 60 pp.

RUSSIAN, no per, Zhur. Eksper. i Teoret. Fiz,
Vol VIII, No 3, 1938, pp 291-318.

AEC 7-2729
Sci Trans Center RT-3265

Sci - Physics

32,075

Investigation of a Directed Beam of High-Speed Electrons Through Mercury Vapors in a Heated-cathode Discharge Tube, by V. Polin, S. Gvozdover.
RUSSIAN, per, Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki, Vol 8, No 4, 1958,
pp 435-443. 9231703
NASA TT F-370

USSR
Sci/Electronics
Mar 60

297,196

Zh Eksp~~er~~ i Teoret Fiz

Vol 8, No 6, 1938

pp 717-723

On the ~~anis~~ Anisotropy of the Hall Effect in
Monocrystals of Zinc and ~~and~~ Cadmium.
by M. K. Noskov

Navy No. 13/ NRL Trans. No 242

Zhur. Eksper i Teoret Fiziki

Vol 8, 1938 pp 894-906

The Scattering of Slow Neutrons in a Crystalline
Lattice, by I. Pomeranchuk.

Trans AEC

Collisions of Deuterons With Nuclei, by E. Lifshitz,
22 pp.

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Sci - Chem

47,413

May 57

(SP-1053)

Displacement of the Curie Point With Pressure, by
O. I. Leypunskiy, 9 pp.

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No 3/9, 1938, pp 1026-1030.

JPRS 4059

Sci - Phys

Nov 60

131, 5-40

New Slip Planes in Zinc, by A. F. Kolesnikov, 50 pp.

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CIA/FDD XX-1651
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Jan 65
USIB Internal Use Only

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(FDD 26413)

Diffraction of Molecules, by D. Blokhintsev, 12 pp.

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Vol VIII, No 12, Moscow 1938, pp 1249-1254.

CIA/FDD/U-7173

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Sci - Physics

31,917

62-16098

I. Krasnikov, A. I.

Krasnikov, A. I.
FLUORESCENCE OF AIR AND OF METALS
(O Flyuoresentsii Vozdusha i Metallov). [1962] [21]p.
(foreign text included) 9 refs.
Order from OIS or SLA \$2.60

62-16098

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi
Fiziki (USSR) 1938, v. 8, [no. 12] p. 1285-1291.

DESCRIPTORS: Fluorescence, Air, Metals, X-Rays,
X-ray photography

(Unannounced)

Office of Technical Services

Vadilo, P.
THE EFFECT OF TEMPERATURE OF THE
SOLUTION ON THE SHAPE OF GROWING CRYSTALS
AND THE CAUSE OF FORMATION OF NEEDLE-
SHAPED CRYSTALS. [1963] 9p. 2 refs.
Order from OTS or SLA \$1.10

63-14605

Trans. of [Zhurnal Eksperimental'noi i Teoreticheskoi
Fizika] (USSR) 1963, v. 18, p. 1381-1383.

DESCRIPTORS: *Crystal growth, Temperature,
Solutions, *Crystals.

(Physics--Solid State, TT v. 10, no. 7)

63-14605

I. Vadilo, P.

Office of Technical Services

Zh Ek i Teoret Fiz Vol 9, page 72-5 (1939)

Heat Capacity of Ammonium Iodide Under Pressure.
by S. A. Zlunitsyn.

AEC Trans (avail. Brookhaven)

Electron Drift in Plasma, by Kh. M. Batliyev.
G. V. Spivak, et al.
RUSSIAN, per. Zhurnal Eksperimental'noy i
Teoreticheskoy Fiziki, Vol 9, No 2, 1959,
pp 167-175. 9231708
NASA TT F-371

USSR
Sci/Electronics
Mar 60

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Calculation of the Surface Energy and the Twinning
Energy of Calcite, by F. Kaner, 11 pp.

RUSSIAN, per Zhur Eksp. i Teoret. Fiz, Vol IX, No 2,
1939, pp 218-222.

SLA 59-10504

Sci - Phys
Sep 59
Vol 2, No 1

97,789

On the Absorption of X-Rays by Metals, by A. I.
Kostarev, 32 pp.

RUSSIAN, per, Zhur Eksp. i Teoret Fiz., Vol. IX,
No 3, 1939, pp 267-279.

BLA 59-10971

Sci - Physics
Sep 79
Vol. IX, No 2

98,693

The Theory of the Equation of State, by S. N.
Tshachenko.

RUSSIAN, per, *V* Zhur Eksper i Teoret Fiz, Vol IX,
No 5, 1939, pp 578-585.

ATS RJ-1729
ATS 80K22R

Sci - *Slp*
Jul 59

90,460

Theory of Current in Vacuum. I. The Case of
Plane Parallel Electrodes, by S. V. Helwigstein.

RUSSIAN, part, Zhur Resper i Teoret Fiz, Vol IX,
1939, pp 752-759.

ARC Tr 3650

Sci & Phys

Sep 59

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At-1

FATALIEV L.

Influence of a weak magnetic field on a plasma

Einfluss eines schwachen Magnetfeldes auf das Plasma

Zhur. Eksptl. i Teoret. Fiz., 9, No. 7, 813-823 (1930)

Ph, 1960/61, No. 142 - German

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Theory of Current in a Vacuum, III. Case of Spherical
Electrodes, by S. V. Beliyustin, 12 pp.

RUSSIAN, per, Zhur Ekspoz i Teoret Fiz, Vol IX, 1939,
pp 857-863.

AKC Fr 3762

Sci - Phys

Oct 59

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The Shape of a Mechanical Twin and the Causes
Determining It, by M. V. Yakutovskh and E. S.
Yakovleva, 10 pp.

RUSSIAN, Zhur Eksper I Teoret, ¹¹⁸Vol. 9, No 7,
pp 884-888.

Sci Museum Lib No 51/3273 -London

NLL M.2632

Sci-Physics

APR 11 11/3/50

On the Criterion for Single Scattering of Fast
Electrons, by L. Artsimovich.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, No 9,
1939, p 927.

AEC Tr 581

Scientific - Nuclear Physics

Sep 51 CTS

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Pines, B. J.
THERMODYNAMICS OF THE PHASE TRANSITIONS
OF THE SECOND ORDER. [1962] 12p. 4 refs.
Order from OIS or SLA \$1.60 62-18690

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I. Pines, B. J.

Trans. of [Zhurnal Eksperimental'noi i Teoreticheskoi
Fiziki] (USSR) 1939, v. 9, no. 8, p. 963[-968].

DESCRIPTORS: *Phase transitions, *Thermodynamics,
Phase studies, *Equations of state, Differential equations,
Temperature, Pressure, Entropy, Volume.

Transitions of the second order are considered as taking place in a finite interval of temperature and pressure resulting in a finite change in entropy and volume. Validity of the Ehrenfest's equation along the whole transition path has been demonstrated (for the increase in the values of heat capacity and coefficients of expansion and compressibility connected with the (Physics--Thermodynamics, TT, v. 9, no. 10) (over)

Office of Technical Services

62-27305

I. Sena, L. A.
II. Technische Informations-
bibliothek, Hannover
(West Germany)

Sena, L. A.
METHODEN DER MESSUNG DER EFFEKTIVEN
QUERSCHNITTE DER WECHSELWIRKUNG
ZWISCHEN IONEN UND ATOMEN IM GAS (Methods
of Measuring the Effective Cross Sections of the
Interaction between Ions and Atoms in Gases). 14p.
Order from TIB \$2.35

Trans. in German of Zhurnal Eksperimental'noi i
Teoreticheskoi Fiziki (USSR) 1939 [v. 9] no. 9,
p. 1061-1068.

DESCRIPTORS: Measurement, *Ions, *Atoms,
Gases, *Proton cross sections.

(Nuclear Physics and Nuclear Chemistry, TT, v. 9,
no. 11)

Office of Technical Services

62-32586

Rudenko, N. S.
VISCOSITY OF LIQUID O₂, N₂, CH₄, C₂H₄ AND AIR,
tr. by Donald C. Rich. 17 Aug 62 [10]p. 9 refs.
[AMC] (Redstone) Trans-nr 32-62.
Order from OTS or SLA \$1.10 62-32586

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi
Fiziki (USSR) 1939, v. 9, no. 9, p. 1078-1080.

DESCRIPTORS: *Liquefied gases, *Oxygen, *Nitrogen,
*Methanes, *Ethylene, Air, Viscosity, Oscillation,
Measurement, Low temperature research.

Values of the viscosity of pure O₂, N₂, CH₄, C₂H₄
and air were measured in a wide interval of tempera-
tures--from the boiling point under normal pressure
up to a temperature which is close to critical. The
method of measuring is based on observation of the
damping of torsional oscillations of a cylinder, sus-
(Mechanics-Hydrodynamics, TT, v. 9, no. 8) (over)

- I. Rudenko, N. S.
- II. AMC (Redstone)
Trans-32-62
- III. Army Missile Command,
Redstone Arsenal, Ala.

Office of Technical Services

Bresler, S. E. and Frenkel, Ya. I.
CHARACTER OF THERMAL MOTION OF LONG
ORGANIC CHAINS WITH REFERENCE TO THE
ELASTIC PROPERTIES OF RUBBER. [6p] 6 refs.
Order from OCS, SIA, or ETC \$1.19 TT-61-16972

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi
Eliziki (USSR) 1939, v. 9, p. 1094-1105.

TT-61-16972

I. Bresler, S. E.
II. Frenkel, Ya. I.

(Materials--Rubber, TT, v. 12, no. 4)

Office of Technical Services

The Effect of the Magnetic Field Upon the Electrical Resistance of Single Crystals of Zinc and Cadmium at Low Temperatures. Part II, by B. G. Lazarev, N. M. Nakhimovich, E. A. Parfenova, 6 pp. UNCLASSIFIED

Full translation.

RUSSIAN, bimo per, Zhur Ekspoz 1 Teoret, Vol IX, No 10, USSR, 1939, pp 1182-1187.

Navy Tr 666/NRL 403

Scientific - Physics, Zinc, Cadmium

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Ion-Atom Interaction in Gase, by L. A. Sena.

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AEC-Tr-5615

Sci - Phys

Apr 63

227,050

On the Normal Theory of Cathode Sputtering, by
S. V. Linařlov, 6 pp.

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RUSSIAN, per: Zhur Ekspri i Teoret Fiz, Vol 9 (12),
1939, pp 1469-1472

~~51/2646~~

Sci Museum Lib No ~~51/2646~~ 51/2646 - London

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P 22 212T

sendy lines - See 51

Thermal Theory of Electron ~~IX~~ Emission under the Impact of Fast Ions, by S. V. Ismailov.

RUSSIAN, no per, Zhur Eksper i Teoret Fis, ^{no} Vol IX, 1939, pp 1173 - 1183.

AEC Tr 1090

Sci - Nuclear Physics

Dec 51 GTS

On the Problem Concerning the Nature of Cathode
Diffusion and Kinetic Emission of Secondary
Electrons, by N. D. Morgulis, 24 pp.

RUSSIAN, no per, Zhur Ekaper i Teorat Fiz, Vol IX,
No 12, 1939, pp 1464-1467.

ATTC P-TS-8321

Scientific - Physics
ATTC 172519
CIA 2522255

15,123

Jun 54 CTS/DEX

Agency: Picatinny Arsenal
P.O. Box 123-70

R-11703-D
1 June 1970

Title: Absorption Spectra & Photochemical Decomposition
of Nitrobenzene Vapors. pp. 1527 to 1529.

Author: Shalagova, O.M.

Source: J. Exptl. Theoret. Phys. U.S.S.R. (JETP Letters)
Vol. 9. (1959). 3pp

Language: Russian.

Special Instruction: Please translate & type 1 copy only

Zal'dovich Ya.

Zal'dovich, Ya.
THEORY OF IGNITION BY A HOT SURFACE (Teoriya Zazhiganiya Nakalenoi Poverkhnost'yu). [1962] [11]p. (foreign text included) 3 refs.
Order from OTS or SLA \$1.60

63-10878
I. Zal'dovich, Ya.

CIA/FOO X-2100

Trans. of Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (USSR) 1939, v. 9, no. 12, p. 1530-1534.

DESCRIPTORS: *Ignition, Gases, Surface temperature, *Autoignition, *Thermal conductivity, *Partial differential equations, Numerical analysis.

(Physics--Thermodynamics, TT, v. 10, no. 5)

Office of Technical Services

Zh Ek i Teoret Fiz Vol 10, page 29-36 (1940)

The chain decomposition of uranium by slow neutrons.
by Ya. B. Zel'dovich and Yu. B. Khariton.

AEC Trans (avail Brookhaven)

Zh Bk 1 Teoret Fiz Vol 10, page 477-82 (1940)

Kinetics of chain decomposition of uranium.
by Ya. B. Zel'dovich and Yu. B. Khariton.

AEC Trans(avail Brookhaven)

KT-963

(NY-4822)

Application of Propagation Theory of an Arbitrary
Discontinuity to Certain Cases of Gas Ignition,
by Ya. S. Zeldovich, K. I. Shchelkin, 17 pp.

RUSSIAN, *ibid.*, *Zhur Eksp. i Teoret. Fiz.*, Vol. X, No 5,
1940, pp 569-575.

JPRS 5508

Sci - Phys

134,419

Dec 60

Quantum Theory of the Radiation of Light of
an Electron with Uniform Motion in a Medium,
by V. L. Ginzburg, 32pp
RUSSIAN, per, Zhurnal Eksperimental'noi i
Teoreticheskoi Fiz, Vol 10, 1940, No 6,
pp 589-600
SLA UT-64-16955

Sci - Phy
May 67

326,525

On the Theory of Diffusion in Solid Bodies,
by G. P. Il'kevich,
RUSSIAN, per, Zhur. Eksperim. i Teor. Fiz.
no. 10, 1940, pp. 659-665
*CFSTI TT 70-57024

Sci/-phys
Feb 70

Incomplete Separation of Variables for Bivalent
Atoms, by V. A. Fok, M. G. Veselov, M. I. Petrashen',
23 pp.

RUSSIAN, per, Zhur Eksper. i Teoret. Fiz, Vol X, 1940,
pp 723-739.

AEC Tr 4010

118,749

Sci - Phys
Jun 60

Effect of Surface Roughness of a Tube on the
Origination and Propagation of Detonations in Gases,
by E. I. Shehelkin, 10 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Eksp. i Teoret Fiz, Vol K,
No 7, 1940, pp 822-827.

ATIC F-TS-8322

Scientific - Physics

ATIC 173725

CIA 2523258

15,120

Twining of Sodium Nitrate by Plastic Deformation, by
R. L. Barber, 2 pp. UNCLASSIFIED.

Exsp 1 Teor

1940,

RUSSIAN, part, Zhur ~~Exsp 1 Teor~~ Fiz, Vol X, No 7, pp
328, 329, Encl. to MA 135108, Ser. 442-6-54.

A.E.R.E. Tr 11/3/5/121/4

Scientific - Physics

19, 283

(NY-4822)

Theory of Nuclear Breakup, by Ya. B. Zel'dovich,
E. Yu. A. Zysin, 11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol X,
No 8, 1940, pp 831-834.

JPRS 5509

Sci - Nu Phys

Dec 60

134,420

Photochemical Oxidation of Carbon Disulfide Vapors,
RUSSIAN (UNCLASSIFIED) V. Kondrat'ev, A. Yakovleva.]

RUSSIAN, per, Zhur Ek 1 Tekh Fiz, No 10, 1940,
pp 1038-1042. ^{SECRET} Vol 10, 1940, 6

Assoc Tech Ser, RJ-74
Price: \$11.60 (\$1.60)

Scientific - Chemistry

17,850

61-23306

Zeldovich, [Ya.] B. and Semenov, N. N.
KINETICS OF CHEMICAL REACTIONS IN FLAMES:
THE THEORY OF FLAME PROPAGATION. I. [AND]
RATIONAL FORMULAE FOR THE DEPENDENCE OF
THE FLAME VELOCITY ON THE PARAMETERS. II
(Kinetika Khimicheskikh Reaktsii v Plamenakh).
Aug 47 [31] p. 38 refs. BISI-318; [DSIR LLU] M.2773.
Order from OTS or SLA \$3.60 61-23306

- I. Zeldovich, Ya. B.
- II. Semenov, N. N.
- III. Title: Theory ...
- IV. Title: Rational ...
- V. BISI-318
- VI. DSIR LLU M.2773
- VII. British Iron and Steel Industry Translation Service

Trans. of [Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki] (USSR) 1940 (v. 10) no. 9/10, p. 1116-1136.
Another translation of pt. I is available from SLA as RT-402.

See RT402
CIA V 472436
176650

DESCRIPTORS: *Reaction kinetics, Chemical reactions, Flames, *Flame propagation, Propagation, Mathematical analysis.

A theory of flame propagation is developed and the behaviour of the chain processes taking place in the flames is investigated. The basis of the method of (Chemistry--Physical, 11, v. 6, no. 6) (over)

Office of Technical Services

The Cold-Brittleness of Steel in Torsion, by F. F. Vitman, I. H. Davidenkov, H. A. Zlatin, 12 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol X, No 9/10, 1940, pp 1137-1145.

SLA 59-10815

Sci - Minerals/Metals

Sep 59

Vol. II, No 2

98,661

The Dependence of the Critical Shear Stress for
Twinning and Slip in Crystals of Cadmium on the
~~Specimen~~ Specimen Diameter, by E. S. Yakovleva,
M. V. Yakutovich, 7 pp.

RUSSIAN, no par, Zhur Eksper i Teoret Fiz,
Vol X, 1940, pp 1146-1150.

AEC Tr 2264

28,458

Scientific ~~Abstract~~ Physics
Nov 55 CTS/DEX

Formation of Negative Ions of Halide During
Reaction of Alkali-Halides With Surfaces of
Glowing Tungsten, by V. M. Dukel'skiy,
N. I. Ionov.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol X,
1940, pp 1248-1256.

SLA 63-14464

Sci - Chem, Phys
6 Feb 63

Concerning Genesis of Centers of Crystallization
in Supercooled Liquids. II. Crystallization of
Organic Substances in Ultrasound Field, by V. I.
Danilov, B. M. Teverovskiy, 11 pp.

RUSSIAN, per, ~~Zhur.~~ Eksp. i Teoret. Fiz., Vol X,
No 11, 1940, pp 1305-1310.

S.L.A. Tr No R-317

Scl - Chemistry
Apr 57

#6, 841

(NY 4822)

One Property of Contacts, by Ya. D. Zel'dovich,
Yu. B. Khritonen, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol X,
No 12, 1940, pp 1422, 1423.

JPRS 5511

Sci - Phys

134,426

Dec 60

The Nature of Ball Lighting, by Ya. I.
Frenkel, 3 pp.

RUSSIAN, per, Zhur Ekspoz. i Teoret Fiz,
Vol X, 1940, pp 1424-1426.

CIA/FDD/2-214

Sci - Physics

32,172

The Kinetics of Chemical Reactions in Flames III.
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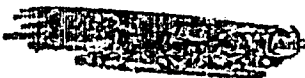
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