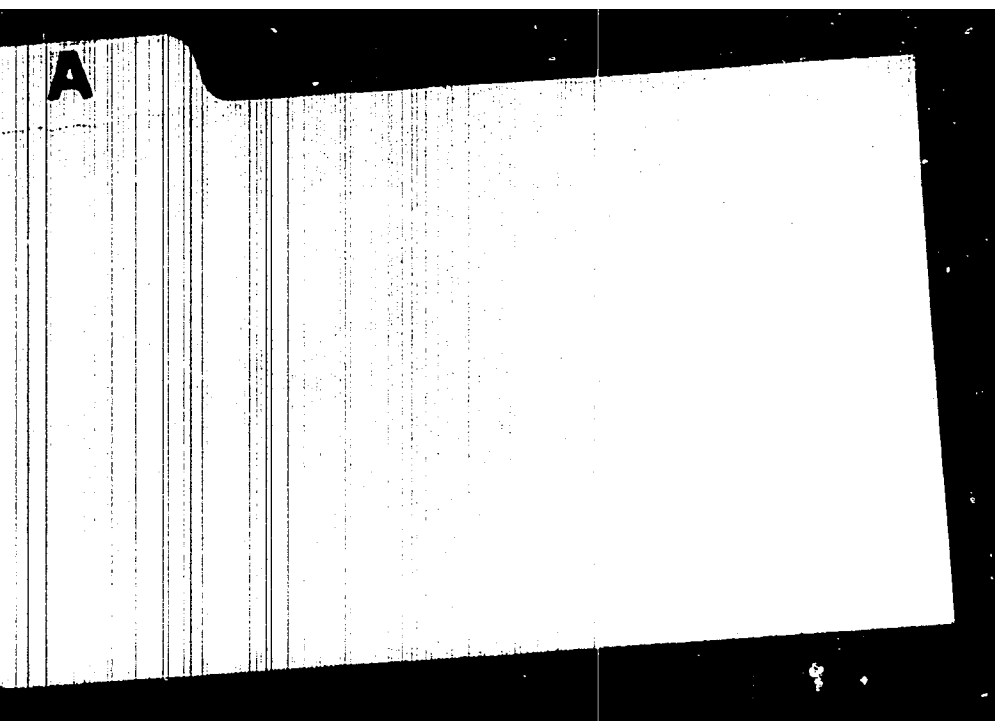


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and Amount of Nonmetallic Inclusions in Steel,
by S. Dascalu. UNCL

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de Metalurgie, No 1, Bucharest, 1958, pp 39-52.

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Steel Ind 1251
(L5 15a.Od.)

Sci - Min/Mat
May 59

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The Preparation of Ores and Auxiliary
Materials, Some Equations Concerning the
Kinetics of Flotation, by I. H. Panu.
ITALIAN, per, Acad Rep Polulare Romine
Studii i Cercetari Mat., Vol IX, No 1,
1964, pp 17-28.
Chem Trans Sv No 2681

Sci-Chem
Mar 67

320,876

Efficient Machining Schedules for Rumanian Carbon Steels, by E. P. Popov, E. D. Deciu, et al.

RUMANIAN, per, Acad Romine Studii Cerc Mec Aplic, Vol XIII, No 4, 1962, pp 1001-1020.

*BISI 3461

Sci-M/M

Nov 63

Magnetism. Influence of the Magnetic Field on
Crystallization, by D. Samuracas, 3 pp.

FRENCH, bk, Academie des Sciences, 1932, pp 1225-
1227.

SLA Tr 1551

Sci - Physics
Apr 1957

46,148

Jan 1957

Desulfurization and Refining of Gasoline and
Jet Fuel by Means of Surface-Active Agents in
a Fluidized Bed, by K. Werner, 13 pp.

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Acta Chimica, Vol XXXVI, No 1, pp 289-298.

FI00143566

FTD-TT-65-1343

Sci-Prop & Fuels
Feb 67

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Method of Determining Oxygen Consumption in
Saliva, by K. Toth, 15 p.
GERMAN, per, Academia Scientiarum Hungaricae.
Acta Medica, Vol 16, No 3, 1960, pp 319-330.
P100336667
FTD-HT-67-72

Sci-IRM
Jan 68

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Toth, 16 pp.
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FTD-HT-67-71

Soc/B & M
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62-10604

I. Hofmann, K. A.

Hofmann, K. A.
THE FORMATION AND DECOMPOSITION OF
POTASSIUM PERCHLORATE AND A NEW DETER-
MINATION OF THE HEAT OF REACTION. [1961]
12p. (3 graphs omitted) 8 refs.
Order from SLA \$1.60

62-10604

Trans. of Akademie der Wissenschaften, Göttingen.
Mathematisch-Physikalische Klasse. [Nachrichten]
(Germany) 1932, p. 448ff.

DESCRIPTORS: Potassium compounds, Perchlorates,
Decomposition, Heat of reaction.

(Unannounced)

Office of Technical Services

TT-64-10588

I. Plaskowski, J.

Plaskowski, Jerzy.
THE INFLUENCE OF THE CAST IRON MODIFICATION OF NODULAR GRAPHITE (Influenta Modificarii Fontei cu Ferrosiliciu Asupra Formarii Grafritului Nodular). [1963] [68p] (foreign text included) 23refs
Order from SLA \$6.60 TT-64-10588

Trans. of Acad[emia] Rep[ublicii] Populare Romine.
[Centrul de Cercetari Metalurgice]. Studi[ul]
Cercetari [de] Metalurgie 1960, v. 5 [no. 1] p. 7-27.
(Abstract available)

DESCRIPTORS: *Iron, *Castings, Iron compounds,
Ultracompounds, Graphite, Magnesium, Micro-
structure, Crystallization, Statistical functions,
*Metallurgical analysis.

There was studied the influence of the modification which
(Metallurgy--Ferrous Metals, TT, v. 11, no. 9)(over)

Office of Technical Services

Automatic Adiabatic Microcalorimeter for Measure-
ment of Radioactivity, by A. Hill, Al. Sanielsvici, 9 pp.
ITALIAN, per, Academia Republicii Populare Romine
Institutul Fiz, Studi Cercetari Fiz, Vol VI, 1955,
pp 373-376. 9224365
AEC-UCRL-Tr-1034(L)

Sci-Phys
Aug 64

265,122

Balta, P. and Oprea, P.
SEMICONDUCTOR PROPERTIES OF SINTERED
BODIES IN THE SYSTEM $ZnO-TiO_2$. [1963] 8p
Order from ATS \$10.00

ATS-53Q72RU

Trans. of Academia Republicii Populare Romine.
[Centrul de Cercetari Metalurgice]. Studiul Cer-
cetarii [de] Metalurgie [1962, v. 7, p. 405-414.

DESCRIPTORS: *Zinc compounds, Oxides, *Titanium
compounds, Sintering, *Semiconductors.

(Physics--Solid State, TT, v. 11, no. 3)

TT-64-12052

- I. Balta, P.
- II. Oprea, P.
- III. ATS-53Q72RU
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Dragulescu, C., Simionescu, L. and others.
METAL COMPLEXES OF ANTHRANYL-N, N-DIACETIC
ACID. II. THE COMPLEX Fe^{III} -AND A COMPOUND.
[1962] 7p.
Order from SLA 11.10

62-14448

Trans. of (Academia Republicii Populare Romine. Baza
de Cercetari Stiintifice, Timisoara. Studii si
Cercetari Stiintifice. Seria Stiinta Chimice, 1959, v. 6,
no. 3/4, p. 9-15).

DESCRIPTORS: *Complex compounds, Metals, *Iron,
Copper, Thorium, *Acetic acids, Reaction kinetics,
Chemical analysis.

Photocolorimetry was used to determine the instability
constant of the $[Fe(III)-ANDA]$ complex by removing
copper from the $[Cu-ANDA]$ complex and replacing it
with $Fe(III)$. The value of K_{Fe} was found to be equiva-
lent to $2.39 \cdot 10^{-10}$ for $\beta = 0.1$. A value of similar
(Chemistry, TT, v. 9, no. 4) (over)

62-14448

I. Dragulescu, ...
II. Simionescu, L.
III. Title Complex ...

Office of Technical Services

On the Ammonia-Phosphoric Acid System,
by Enrico Crepaz, 3 pp.

ITALIAN, per, Accademia Patavina
di Scienze, Lettere e Arti. Atti
e Memorie, Vol LXII, 1949/1950,
pp 35-38.

SLA 60-16200

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Jun 62

The Inactivation of Alkaloids by Urotropine and
Certain of its Salts, by Jean Gautrelet.
FRENCH, per, Academie Nationale de Medecine, BULL.
1932, ser. 3, vol. 108, pp. 1678-1681.
K-H-1109-e

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Aug 66

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On Heat Transfer in Reactors, by M. Bucherstaun,
6 pp.

ITALIAN, per, Acad Rep Popolare Roma, Inst Fis
59411A Caratteriz Filz, Vol VII, 1956, pp 63-66.

REC-TR-3609

Sci - Phys

Jul 59

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Optimum Conditions for Separation in a Thermal
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Application to the Nitrogen Isotopes, by Gh. Vasaru,
10 pp.
ITALIAN, per, Academia Republicii Populare Romine,
Institutul de Fizica Atomica si Institutul de Fizica,
Studii si Cercetari de Fizica, Vol XIII, No 6, 1962,
pp 947-957. 9224893
AEC-ORNL-Tr-116

Sci-Phys
Nov 64

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Oroveanu, T. and Pascal, H.
THE PROPAGATION OF PRESSURE WAVES IN A
LIQUID FLOWING THROUGH A POROUS MEDIUM.
[1962] 4p.

Order from ATS \$6.00

ATS-02P59RU

Trans. of Acad[emia] Rep[ublicii] Populare Romine.
Inst[itutul de] Mecan[ica] Ap[p]licata. Studii [si]
Cercetari [de] Mecan[ica] Ap[p]licata 1958, v. 9,
p. 625-629.

DESCRIPTORS: *Shock waves, *Propagation, Fluid
flow, Porous materials.

(Physics--Wave Propagation, TT, v. 8, no. 3)

62-12806

- I. Oroveanu, T.
- II. Pascal, H.
- III. ATS-02P59RU
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Lupu, N. Gh. and Velican, C.
THE BIOLOGY OF THE SCLEROTIC PROCESS. III.
EXPERIMENTAL INVESTIGATIONS CONCERNING
THE ROLE OF CHRONIC SMOKING. [1962] 25p.
Order from K-H \$31.25 K-H 11548-d

Trans. of Academi Republicii Populare Romine.
Institutul de Medicina Internal. Studii [si] Cercet[ari]
de Medicina Internala 1961, v. 2, p. 247-251.

DESCRIPTORS: *Atherosclerosis, Smokes, Tobacco,
*Cigarettes.

(Biological Sciences-Pathology. IT, v. 8, no. 10)

62-17502

- I. Lupu, N. Gh.
- II. Velican, C.
- III. Title: Experimental...
- IV. K-H-11548-d
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Automatic Adiabatic Microcalorimeter for the
Measurement of Radioactivity, by A. ELIF.

ITALIAN, for, Academia Republicii Populare Romane,
Institutul Fiz, Studii ~~EXXEXEX~~ Cercetari, Fiz,
Vol VI, 1955, pp 373-376.

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Sci - Electr

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Development, Calculation and Planning of Helical
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ITALIAN, per, Accademia Repubblica Popolare Romina,
Instituto Fis Atomico, Studi si Orestari Fis,
Vol X, 1960, pp 539-580.

NASA TT' F-8231

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Jan 63

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On the Formation of Thermal Decomposition
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Romane Filiala Cluj. Studii si Cercetari de
Chemie, Vol 11, No 1, 1960, pp 55-66.
SLA TT-66-10266

Sci-Chem
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Separation of the Effects of Fast-Neutrons
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ROMANIAN, per, Academia Republicii Populare
Romane, Institutul de Fizica, Atomica, Studii
si Cercetari de Fizica, Vol 12, 1961,
pp 557-562.
NASA TT F-11,176

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Sci-Nucl Sci

Nov 67

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5 pp.

ITALIAN, for, Acad Rep Populare Romania, Inst Fiz
Atomice si Inst Fiz Studiilor Ceretari Fiz, Vol XII,
1961, pp 583-587.

ABO-Tr-5808

Sci - Phys

Aug 63

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A Problem of Flow Through a Fractured Porous
Mediu, by T. Orovesanu.

ITALIAN, per, Acad Republicii Populare a României
Institutul de Mecanica Aplicata si
de Mecanica Aplicata, Vol XII, N
pp 633-640.

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Handel, Petru.
SLOW SURFACE STATE RELAXATION IN SEMI-
CONDUCTORS. [1962] 13p. 6 refs.
Order from SLA \$1.60

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Trans. of Acad[emia] Rep[ublicii] Pop[ulare] Romine.
Inst[itutul] de Fizica. Studii si Cerc[etari] de Fiz-
[ica] 1961, v. 12, no. 4, p. 753-763.

DESCRIPTORS: *Semiconductors, Surface properties,
Films, Oxides, Impurities, Electrons, *Relaxation
time, Space charges, *Electric fields.

(Physics--Solid State, TT, v. 9, no. 11)

I. Handel, P.

Office of Technical Services

62-18769

Draganescu, M.
THEORY OF TRANSISTORS WITH HIGH INJECTION
LEVELS: DEPENDENCE OF THE VELOCITY OF
SURFACE RECOMBINATION ON THE INJECTION
LEVEL AT THE BASE OF THE TRANSISTOR.

[1962] 7p. 7 refs.

Order from SLA \$1.10

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Trans. of Academia Republicii Populare Romine.
Institutul de Fizica. Studii si Cercetari de Fizica.
1961, v. 12, no. 4, p. 815-820.

DESCRIPTORS: *Transistors, Theory, Injection,
Surface properties, Velocity.

(Physics--Electronics, TT, v. 9, no. 11)

I. Draganescu, M.
II. Title: Dependence...

Office of Technical Services

Thermodynamic Properties of Zirconium and Hafnium
Halides, by S. N. Lungu, 8 pp.

ITALIAN, per, Acad Rep Populare Romine, Studii Cercetari
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AEC-Tr-5906

Sci - Nucl Sci
Nov 63

241, 305

On the Formation and Thermal Decomposition of
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Reactions Proceeding at the Thermal Synthesis
of Apatite, by C. Liteanu, D. Macarovici.
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Romine Filiala Cluj. Studii si Cercetari de
Chimie, Vol 13, No 2, 1962, pp 157-170.
SLA TT-66-10267

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Aug 66

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A New Criterion Regarding the Stability of
Systems Containing Nuclear Reactors,

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FRENCH, per, Ann. Rep. Populare Romine,

Studia Cercetari Energet. Ser A, Vol XII,

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Sci - NS

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Apatite, by C. Liteanu, D. Macarovici. 8p.
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Chimie, Vol 8, No 3/4, 1957, pp 199-206.
35-10265

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