

Thermodynamics of Polymers. Thermodynamic
Stability of Crystalline Polymers, by
M. M. Martynuk, V. K. Semenchenko, 6 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,
Mar, Apr, 1963, pp 190-196.

CB

Sci
Aug 64

264,591

The Possibility of Carrying Out Catalytic
Dehydrogenation under Chromatographic Conditions,
by S. Z. Roginskiy, E. I. Semenovko, et al., 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry
Section, Vol CLIII, No 2, 1963, pp 383-385.

E.I. Semenovko

CB

May 65

280,269

Limiting Solutions of a Certain Parabolic
Equation, by R. M. Zaikal', K. A. Semendyyev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCIII,
No 2, 1960, pp 311.-.

AIP
Sov Phys Doklady
Vol V, No 4

b
141,680

Sci

Mar 61

The Determination of Latent Roots and Invariant
Manifolds of Matrices by Means of Iterations,
by K. A. Semendyaev

No. 3.
RUSSIAN, per, Prik Mat i Mekh, Vol VII, 1943, pp
293-322.

Av @ Brookhaven Nat Lab

Scientific - Mathematics

RT-557

A-10670

Phase Transformations of Calcium and Sodium Sul-
phates and Their Double Salts, by I. S. Rassonskaya,
N. K. Semondyayeva, 4 pp,

RUSSIAN, per, Zhur Neorgan Khim, No 8, 1961,
pp 1745-1753,

Cleaver-Hume Press Ltd

Sci
Sep 62

211,687

Semenko, E. G.
HIGH QUALITY WINTER OILS. [1962] 5p 7refs
Order from OTS or SLA \$1.10 62-14113

Abstract trans. of Neftyanoe [Khozyslstvo] (USSR)
1940, v. 21, no. 6(11) p. 60-66.
Also available from OTS or SLA \$1.60 in 61-20784
[1961] 13p.

DESCRIPTORS: *Airplane engine oils, *Low-temper-
ature lubricants, Viscosity, Wear resistance,
Lubricant additives.

(Materials--Lubricants, TT, v. 10, no. 10)

62-14113

I. Semenko, E. G.

Office of Technical Services

Modifications of Beryllium and Iron In
Films Condensed onto Cold Substrates, by
B. G. Lazarev, E. E. Semenenko, A. I. Sudovtsov,
3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XL, No 1, 1961, pp 105-108.

AIP
Sov Phys - JETP
Vol XIII, No 1

Sci
Aug 61

167, 181

Zinc and Cadmium Salts of Simple Organic Acids of
the RCOOH Type, by K. N. Semenenko, 10 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 2115-2121.

AEC-tr-4059
PL-480

Sci

Aug 61

PST 86

163,393

The Interaction of Beryllium Oxyacetate With Alcohols,
by A. I. Grigor'yev, A. V. Novoselova, K. N.
Semenenko, 11 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 2067-2072.

ABC-tr-4059
FL-480

Sci

Aug 61

PST 86

163396

Lanthanum Acetate, by V. N. Maksimov, A. V. Novoselova,
K. N. Semenenko, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 5, 1957,
pp 997-1000.

AEC-tr-4055
PL-480

Sci

155,325

Jun '61

PST 82

(NY-4645)

Ice on the Rumanian Black Sea Coast, by M.
Semenescu, 22 pp.

RUMANIAN, per, Revista Transporturilor, Vol VII,
No 4, 1960, pp 155-163.

JPRS 7390

EEur - Rumania

Econ

Jan 61

136,007

Intensification of Photosynthetic Productivity of
the Unicellular Algae Culture, by A. A.
Michiporovich, V. E. Semenenko, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2,
1962, pp 163-172. 9068177

USD A Tr A-1363

Sci - Biol
Nov 62

216,851

Apparatus for Studying Transient Phenomena of
Photosynthesis by means of the Carbon Radioisotope
 C^{14} , by V. E. Semenenko, 5 pp.

RUSSIAN, per, Fiziol Rasteniy, Vol VIII, No 1,
1961, pp 129-133.

AIBS

Sci

169,908

Sep 61

Motor and Jet Oils and Fluids, (Selected
Chapters), by N. A. Papok, Ye. G. Semenido,
147 pp. 103

RUSSIAN, rpt, Motornyye i Isputivnyye
Smala i Zhidkosti, 1965, pp 125-139;
224-230; 301-308; 411-462; 544-553, and
673-691. DANBSS-4
178-01-04-382

Ye. G. Semenido

Sci - Fuels & Prop
Feb 66

294,405

Interaction of 2, 2, 3, 3-Tetramethylpentanone-4 With
Alkylolithiums, by A. D. Petrov, Kao Ch'ing-lang, V. M.
Semenkin, 6 pp.

RUSSIAN, per, Zhur Obahch Khim, Vol XXX, No 2, 1960,
pp 363-368.

CB

Sci

Apr 61

153,577

The Influence of Subliminal Olfactory
Stimulations on Reflex Activity, by K. A.
Bushtuyeva, E. F. Polezhayev, A. D.
Semenko 7 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLVI, No 4, 1960, pp 452-457.

PP

Sci

134,792

Nov 60

Changes in the Optic Chronaxie and the
Electroencephalogram Due to Drugs Acting on the
Trigeminal Nerve Endings, by K. A. Bushtuyeva,
E. F. Poleshayev, A. D. Semenenko, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX,
No 3, 1960, pp 65-69.

CB

Sci

132,574

The Behaviour of Rock Strata During Underground
Gasification, by D. K. Semzenko, I. A. Turchaninov.

RUSSIAN, per, Podzemnaya Gazifikatsiya Ugley, No 4,
1957, pp 31-39.

Dept of Interior
TWI, 557, No 130

Sci - Geophys

*Div of Mines
Central Exp. Sta
A. 536 100,597*

Nov 59

Study of the Properties of Procion Bright-Red ¹⁰
As a Vital Stain, by E. P. Semenenko, 6 pp.
RUSSIAN, per, Tsitologiya, Vol 6, No. 2, 1964,
pp. 205-208,
JPRS 41751

SEMENENKO

E. P. SEMENENKO

USSR
Sci-Chem
Aug 67

333,144

The Pilot's Level of Training, by G. Semenko, 7 pp.
FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviatziya i Kosmonavtika, No 6, 1962.
9667742

PTD-ST-62-6

Sci

Aug
Next 63

237,500

Change in Nucleo Protein Content in Plants Upon
Vegetative Hybridization, by G. I. Semenko,
UNCLASSIFIED

RUSSIAN, per, Biokhimiya, Vol XVII, No 6, Nov/Dec
1952, pp 655-659.

USDA

20,177

Scientific

Biology
~~Chemistry~~

Dec 1954 GCS

The Biosynthesis of Nucleic Acid Purines
in Higher Plants, G. I. Semenenko 6 pp.

^{cbv}
RUSSIAN, per, Biokhim, Vol XXIV, No 3, 1959
pp 465-471.

Consultants Bureau

Sci
Feb 60

108,941

on Precursors of the Purines of Nucleic Acids in Higher
Plants, by G. I. Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5,
1979, pp 1190-1193.

Amer Inst of Biol Sci

Sci - Biol

89p 79

96,853

SEMENTNO, I.

Teoriya I Praktika Metallurgii, vol. 12, 1 figure, 1
table, 1200 words; 1940.

Oxides in Ball Bearing Steel.

Brutcher Trans, Order No. 1104, \$1.50

A-10671

SEMENENKO, I.
KEISS, N.

Teoriya I Praktika Metallurgii, 1940, vol. 12,
pp. 13-14, 1 figure, 850 words.

The Blowing of Air into the Open-hearth Bath.

Brutcher Trans, Order No. 1132, \$ 1.20.

A-5041

SEMENENKO, I. P.
BARDIN, I. P.
KAPITSA, P. L.
MOXHAROV, V. A.

Kislород, vol. 3, no. 1, 2900 words; 1946

Use of Oxygen in the Melting of Steel in Open-
Hearth Furnaces.

Brutcher Trans, Order No. 1895, \$4.90

14,445

245, 150
The Effect of Phosphomolybdate on the Spectro-
graphic Determination of Niobium and Tantalum, by
K. A. Semenenko, N. I. Tarasevich, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 1,
1963, pp 88-92.

CB

Sci
Dec 63

245 15
10 15

The Spectrochemical Determination of Niobium
in Rocks, by N. I. Tarasevich, K. A. Semenenko,
6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 6,
1959, pp 705-709.

CB

Sci

Sep 60

127,780

The Aluminium Acetates, by V. H. Maksimov
K. N. Senenenko, T. N. Naumova, and A. V.
Novoselova, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 3, 19
pp 558-564.

Cleaver-Rube F

Sci

Oct 60

130, 13

On the Compound Formed by Beryllium Oxycetate and
Nitrogen Dioxide, by A. I. Grigor'yev, A. V.
Novoselova, K. N. Semenenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXV, No 3,
1959, pp 557-559.

Consultants Bureau

Sci

1A,533

Jun 60

Beryllium Alcoholates I. by N. Ya. Turova, A. V.
Novoselova, K. N. Semenenko, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 5,
1959, pp 997-1001.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,417

Solubility in the Beryllium Chloride Dietherate-
Ethyl Ether System, by N. Ya. Turova, A. V.
Novoselova, K. N. Semenenko, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 1, 1960,
pp 117-123.

Cleaver-Hume Press
London

Sci
Sep 60

126,437

Semenenko, K.N.
SUR LES SELS DE ZINC ET DE CADMIUM DES ACI-
DES ORGANIQUES LES PLUS SIMPLES DU TYPE
R-COOH (O Solyakh Tsinka i Kadmiya s Irosteishimi
Organicheskimi Kislotami Tipa R-COOH)(Salts of
Zinc and Cadmium with the Simplest Organic Acids)
18p. (Foreign text included) 15 refs. GR-833
Order from OTS, ETC or CNRS \$0.80 TT-63-26920

Trans. in French of "Zhurnal Neorganicheskoi Khimii
(USSR) 1957, v. 2, no. 9, p. 2115-2121.

DESCRIPTORS: *Cadmium compounds, *Zinc compoun-
ds, Salts, Carbon compounds, Acids.

(Chemistry--Inorganic, TT, v. 11, no. 7)

TT-63-26920

- I. Semenenko, K.N.
- II. CNRS-GR-833
- III. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translation Centre

Beryllium Phenolates, by N. Ya. Turova,
A. V. Novoselova, K. N. Semenenko, R. I.
Savost'yanova, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3,
1959, pp 549-552.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,544

Compounds of Beryllium Oxycetate With Sulfur
Dioxide, by A. I. Grigor'ev, A. V. Novoselova,
K. N. Semenenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 3,
1958, pp 397-399.

CB

Sci - Chem
Oct 59

100,046

Investigation of the High-Temperature Modification
Of Beryllium Oxyacetate, by K. N. Semenenko,
4 pp.

RUSSIAN, per, Zhur Strukt Khim, Vol I, No 4, 1960,
pp 442-446.

CB

Sci

169,243

Sep 61

Chlorination of Beryllium Oxide by Carbon
Tetrachloride, by A. V. Kovoselova, K. N.
Bemenenko, 5 pp.

RUSSIAN, per, Zhur Georg Khin, Vol III, 1958,
pp 2213-2214.

AME Tr 11/3/5/1180

Sci - Chem

May 59

86,589

Determination of Molecular Weights of Dissolved
Compounds by Diffusion Through a Porous Glass
Plate, by A. I. Grigor'yev, A. V. Novoselova,
K. N. Semenenko, 7 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 2, 1958,
pp 190-192.

SIA 59-15029

Sci - Chem
Sep 59
Vol 2, No 2

97,962

Use of Polymers in Machine Building, by N. Semenov,
I. Al'shits and M. Rokhlin, 7 pp
RUSSIAN, np, Pravda, 23 Dec 64, p 2.
JPRS 29729

USSR
Econ
Apr 65

279,085

Secondary Energy Resources and Energy Technological
Combinaation in Metallurgy, by N. A. Semenenko.

RUSSIAN, bk.

May 62

*CB

(has options for memo
dated 28/5/62).

On the Penetrating Cone Method to Characterize the
Structural-Mechanical Properties of Visco-Plastic
Bodies, by P. A. Rebinder, N. A. Semenenko, 6 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol LXIV, Nov 6,
1949, pp 835-838.

Morris D. Friedman
\$3.00

Sci - Chemistry
Mar 59

84, 410

Precambrian Geochronology on the Absolute-Time
Scale, by N. P. Semenenko, 11 pp.

RUSSIAN, per, IZ Ak Nauk SSSR, Ser Geol, No 5,
1959, pp 3-16.

AGU

Sci
Feb 61

138,423

SEMENENKO, N. A.

RT-300f

Kislod, vol. 1, no. 3, 2 figures, 3 tables, 3200-
word condensed translation; 1944.

Use of Oxygen-enriched Air in Steel-melting Furnaces
from the Viewpoint of Energetics.

Brutcher Trans, Order No. 1911, \$5.60

A-1067v

New ^Method of Making Hearths of Basic Open-Hearth
Furnaces, by M. S. Sokolov and P. P. Semenenko,
4 pp.

RUSSIAN, per, Metallurg, No 8, 1957, pp 23-25.

Consultants Bureau

Sci - ~~Met~~ *thin/met*

Sep 58

72,604

New High-Efficiency High-Pressure Centrifugal Fans
for Mines, by V. S. Pak, V. D. Semenenko, 5 pp.

RUSSIAN, per, Dopovidni Ak Nauk Ukrainian RSR, No 1,
1958, pp 41-44.

AEC Tr 3230

Sci - Engr
Jun 58

65,949

Apparatus for the Study of Algae, by V. E.
Semenenko, A. A. Nichiporovich.
RUSSIAN, per, Vestnik Ak Nk SSSR, Vol 32, No 1,
1962, pp 77-9.
SLA TT-65-17399

V. E. Semenenko

Sci - ES
Nov 67

343,950

INSTALLATION FOR THE STUDY OF ALGAE, BY
V. E. SEMENENKO, A. A. ~~XXX~~ NICHIPOROV ~~XXXX~~CH.

RUSSIAN, PER, VEST AK NAUK SSSR, VOL ~~XXX~~II, NO 1,
1962, PP 77-79. 90909L0

USDA TR A-1355

SCI - BIOL
AUG 62

208,175

~~z&xyk~~

Study of the Mechanism of Processes in the Induction
Period of Photosynthesis Using Carbon¹⁴, by V. E.
Semenyko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 1,
1960, pp 207-210.

AIBS

Sci

155,704

Jun 61

Apparatus With Thermistor Differential Carbon
Dioxide Analyzer for Studying the Kinetics of the
Induction Period of Photosynthesis, by V. E.
Semenenko, 8 pp.

RUSSIAN, per, Fiz R steniy, Vol V, No 6, 1958,
pp 561-568.

Amer Inst of Biol Sci

Sci - Biol
Jul 59

92, 179

Effect of Cosmic Flight Conditions on the Viability of
of Chlorella in a Spaceship, by V. E. Semenenko,
M. G. Vladimirova, 6 pp.

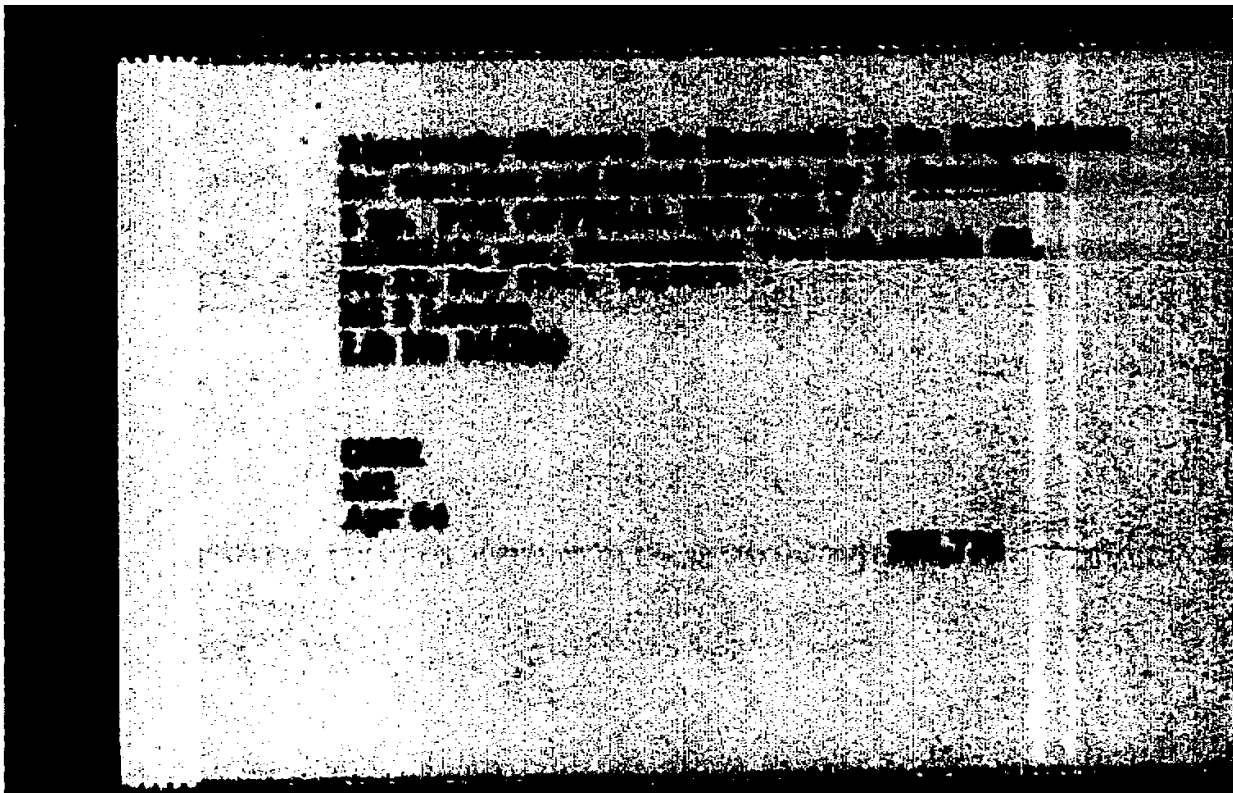
RUSSIAN, Fiziol Rasteniy, Vol VIII, No 6, 1961, pp 743-749

AIBS

Sci
Jan 64

246,770

APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010022-6



APPROVED FOR RELEASE: 2005/08/09 CIA-RDP91-00929R000201010022-6

1749-N

The Development of the Most Acute Form of Radiation
Sickness, by L. P. Benenson, 12 pp.

RUSSIAN, par, Medit Radiol, Vol III, No 3,
Moscow, May/June 1958, pp 70-77.

US JPRS Tr L-579-N

Sci - Medicine
Jan 59

78,337

Motor Fuels, Oils and Fluids (Selected Articles), by
K. K. Papok, Ye. G. Semanida, (AF 111901B), 442 pp.

RUESIAN, bk, Motornye Topliva Masla I Zhidkosti,
Vol XI, Moscow, 1957, pp 19-189, 292-305, 367-528.

ATIC F-TS-9589/V

Sci - Fuels
Oct 59

99,489

How We Developed Great Skill in Firing, by Sgt M. Kryukov; We strove for Full Interchangeability, by Sgt A. Semenidov; Fight to Extend the Inter-Repair Period of Operation of Vehicle Assemblies and Parts, by Sgt V. Gerasimchik; In the Outstanding Gun Crew, Seconds Count, by N. Sazanakov; Important Requirements for Success in Combat Training, by Sgt F. Budinskiy, 19 pp. UNCLASSIFIED (ID 2068173)

RUSSIAN, bk, Otlichniki Sovetskoy Armii i Voenno-Morskogo Flota, Moscow, 1957, pp 27-34, 47-50, 68-71, 100-103.

ACSI, G-0533

61,073

USSR
Mil
58

New Trends in the Production of Motor Oils; Prop-
erties and Advantages of the New Lubricants, by
E. G. Semenko.

RUSSIAN, per, Khim i Tekhnolog Topliva i Masel,
Vol III, No 4, 1958, pp 1-9.

Assoc Tech Serv RJ-1377
" " " 6K24B

Sci - Fuels

Apr 59

85,275

Multigrade Automobile Oils of Improved Low Temperature Properties, by E. G. Semenidov, 12 pp.

RUSSIAN, par, Moskovskiy Dom Nauchno-Tekhnicheskoy Propagandy Issni F. E. Dzerzhinsk; Moscow, 1957, pp 257-269.

AMS Lib Tr

Sci - Fuels
Sep 58

73/64

Changes in the Molecular Weight and Fractional
Composition of Polyisobutylene in the Course of
Degradation in Mineral Oil Solution, by N. I.
Kaverina, E. G. Semenido, 6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 12,
1956, pp 1856-1860.

Consultants Bureau

Sci - Chem

59,427

Mar 58

More on the New Direction in the Motor Oil Production,
by E. G. Semenido.

RUSSIAN, per, Neft Khos, Vol XXXIII, No 12, 1955,
pp 55-60.

35,627.

Tech and Comm Tr
\$62.50

J.R.
Scientific - Fuels
.....

Fractional Composition of Motor Oils, by E. G.
Semenido, I. A. Ivanov, N. I. Kaverina.

RUSSIAN, per, Neftianoe Khoziaistvo, Vol XXXIII,
No 1, 1955, pp 71-76.

29,461

Tech & Com Tr
2135 Spruce St,
Phila 3, Penna

Scientific - Chemistry

**The Theory of the Use of Viscosity Improving
Additives in Lubricating Oils, by
Ye. G. Semenido.**

**RUSSIAN, ~~ENG.~~ Khimicheskii Toplivnyi Zhurnal, Vol 7,
No 10, 1962, pp 52-55.**

MLL Ref:5838.47 (N.13423)

Ye. G. Semenido

**Sci-Materials
Feb 70**

401,553

50
Mechanism of the Action of Viscous Additives,
by Ye. G. Semenko, 7 pp.
RUSSIAN, per, Neftyanoye Khozyaystvo, Vol
32, No 3, 1954, pp 38-41. 9697142
FTD-TT-64-1274

Ye. G. Semenko

Sci-Fuels
Jun 65

282,265

Developments in Rocket and Jet Fuels, by
K. K. Papak, Ye. G. Semenko, 9 pp.

UNKNOWN.

Dept on Interior
INT 57 No 387

Sci - Aero

Sep 61

168,214

Motor, ~~JMK~~ Jet, and Rocket Fuels, by K. K. Papok,
Ye. G. Semenido, 988 pp.

RUSSIAN, bk, Motornyye Reaktivnyye i Raketnyye
Topliva, Moscow, 1962, pp 1-741. 9669064-V

FTD-TT-62-1308

Sci-Fuels
Jun 63

232,454

Synthetic Nonhydrocarbon Lubricants, by K. K.
Papok, Ye. G. Semenido, 26 pp.

RUSSIAN, bk, Motornye Topliva, Masla i Zhidkosti,
1957, pp 190-213, Encl to AFCIN-1A1, IR-1734-57,

AF 1134123

54,717

Sci - Fuels
Nov 57

At a Remote Garrison, by G. Semenikhin, 6 pp.

RUSSIAN, per, Aviat i Kosmonavtika, No 5, 1963.
9689792-V

FTD-ST-63-5

Sci

245, 83~~4~~

Jan 64

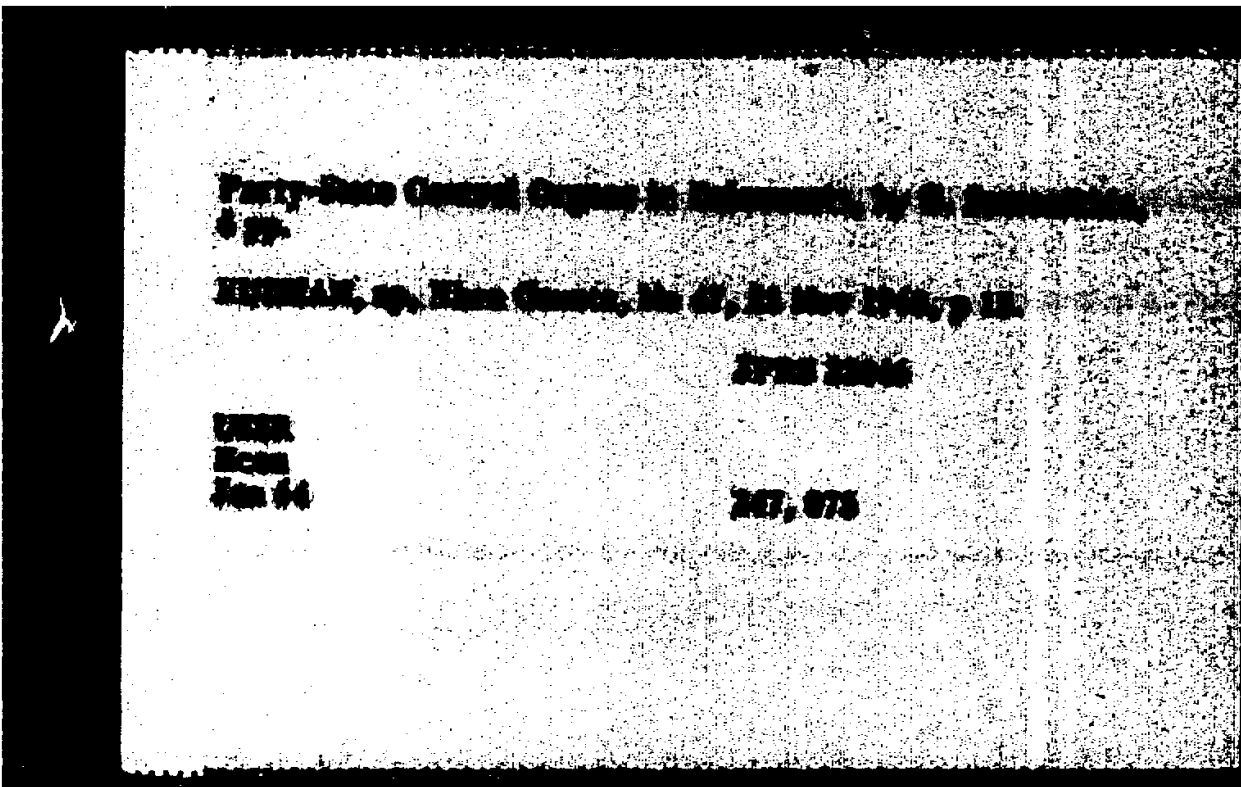
AGRICULTURAL EQUIPMENT AND PETROLEUM PRODUCTION
IN THE BELORUSSIAN INDUSTRY, BY G. SEMENIKHIN,
~~EXIB~~ 5 PP.

RUSSIAN, PER, KOMMUNIST BELORUSSII, NO 7, 1962,
PP 20-24.

JPRS 15957

USSR
ECON
NOV 62

216,267



Single Combat, by Gemadiy Semenikhin, 10 p.

RUSSIAN, per, Vest Vox Flot, No 8, 1959,
pp 80-85. 653797

ATIC

Sci

Apr 60

112,480

The Springtime of the Victors, by
Gennadiy Semenikhin, 7 pp.
~~FOR OFFICIAL USE ONLY~~

RUSSIAN, per, Aviatsiya i Kosmonavtika,
No 5, 1962.

FTD-ST-62-5

Sci

Jan 63

220,503

Heroes of Our Days. Along Difficult Roads,
by G. A. Semenikhin, 10 pp.

RUSSIAN, per, Vest Voz Flota, No 2, 1961,
pp 18-25. 9671179

FTD

USSR

170,517

M11

17 Oct 61

Thinking of the Party, by G. A. Semanikhin, 6 pp.

RUSSIAN, per, Vest Voz Flota, No 1, 1959, pp 8-13.
649222

ATIC

USSR

Pol.

Sep 59

97,639

Transfer Functions of Control Systems with Linearly
Varying Parameters
By V. K. Semenikhin, *a. 9pp.*

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 11,
1962, pp. 1421 - 1430

ISA

Sci

Aug 63

342,454

(NY-3108).

Machine Translation From Japanese Into Russian, by
A. A. Babintsev, Yu. P. Semeniashchev, 5 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,
Vol I, Leningrad, 1958, pp 209-215.

JPRS-2150-N

Sci - Misc
Feb 60

107,869

J-4/60 (CG)

(DC-3285).

Has Religion Always Existed?, by Ion Semeniuc, 3 pp.

RUMANIAN, per, Viata Studenteasca, Vol IV, No 11,
Bucharest, 1959, p 5.

JPRS-L-2010-D

EEur - ^uRomania

Soc

Jan 60

106,313

Research in Norm Setting Conducted During
1964-1965, by A. Bugrov, S. Semenkevich, 8 pp. 4
RUSSIAN, per, Sotsial Trud, No 5, 1964, pp 81-86.
JPRS 25616

USSR
Econ
Aug 64

264,212

Aerial Target Search in the Stratosphere, by G. G.
Semenko, *ibid.* FOR OFFICIAL USE ONLY

RUSSIAN, *ibid.* Vest Voz Flota, No 7, 1961. 9573800

FTD-ST-61-6

USSR

MLL

186,800

MAR 62

The Methodological Skill of an Air Commander,
by G. G. Semenko, 7 pp.

RUSSIAN, per, Vest Voz Flot, No 3, 1959, pp
9-15. 651020-C Reel #689

ATIC

USSR

MLL

Dec 59

104,866

The Pilot Flies in the Zone, by G. G. Semenko,
10 pp.

RUSSIAN, per, Vest Voz Flota, No 2, 1961,
pp 41-47. 9671179

FTD

USSR

170,528

M11

17 Oct 61

A Hero Teaches Flying Under ~~such~~ Adverse Weather
Conditions, by G. G. Semenko, 4 pp.

RUSSIAN, per, Vest Voz Flota, No 2, 1960, 657949

ATIC

Sci
Sep 60

127,527

Penetrating the Clouds Upwards and Downwards in
Fighter Planes With the Most Suitable Regimes,
by I. I. Telkov, G. G. Semenko, 8 pp.

RUSSIAN, per, Vest Vos Flota, No 9, 1957, pp 31-39.
CIA 642216

AFIC

USER
MI1
Dec 58

79,196

Flight Evaluation, by G. G. Semenko, 8 pp.

RUSSIAN, per, Vest Vos Flot, No 9, 1959,
pp 36-41. 653985

ATIC

Sci

May 60

115,209

Fighter Piloting at Night by G. G. Semenko, 7 pp.

RUSSIAN, per, Vest Voz Flota, No 4, 1958, pp 35-40.
CIA 615891

ATIC

USSR
Military
Sci - Aeronautics
Oct 58

74,357

Choosing a Zone for Instrument Flying, by G. G.
Semenko, 4 pp.

RUSSIAN, per, Vest Vol Flot, No 11, 1957, pp ~~38-40~~
643040

ATIC

USSR
MIL
Feb 59

81,123

**Instructor Skills, by G. G. Semakho, 6 pp. FOR
OFFICIAL USE ONLY**

**RUSSIAN, per, Vest Voz Flota, No 10, 1961.
9677115**

FID-ST-61-9

**USSR
KGB ML1
18 Jun 62**

200,534

Special Techniques of Low-Altitude Piloting, by G. G.
Semenko, 5 pp.

RUSSIAN, no per, Vest Voz Flot, No 1, 1957.
CIA 602074

ATIC

USSR

51,981

Mil - Training

Sep 57

Interaction of Gamma Quanta With Oriented
Nonspherical Nuclei, by S. F. Semenko, B. A.
Tulupov, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI, No 6,
1961, pp 1996-2001.

AIP
Sov Phys - JETP
Vol XIV, No 6

Sci
Jul 62

205,055

A Chamber With a Graduated Optically Neutral Filter
for Obtaining Light Curves of Photosynthesis, by
V. E. Semenko, 8 pp.

RUSSIAN, per, Fiz Rasteniy, Vol IV, No 5, 1957,
pp 470-475.

Amer Inst of Biol Sci

Sci - Biol

Jul 58

67,012

(NY-1690)

All-Union Conference on the Cultivation of
Unicellular Algae, by V. Ye. Semenko,
M. G. Boadimirova, 6 pp.

RUSSIAN, per, Fiziologiya Rasteniy,
Vol VIII, No 4, 1961, pp 518-520.

JPRS 13273

190,520

Sci - Biol
Apr 62

Instructions to the Crew of the TU-104
Aircraft on the Execution of Flights to
Le-Bourget, Paris, Amsterdam, Brussels, by
A. Semenov, et al., 21 pp. SECRET

RUSSIAN, bk, Instruktsiya Ekipazhu Samoleta
TU-104 po Proizvodstvu Poletov na Aerodrome
Le-Burzhe, Parizh, Amsterdam, 1958, 22 pp.
9670700

FTD-FTS-10133/III

Sci - Aero
Aug 61

164, 966

New Political Economy Programs and Teaching and
Methodological Aids, by V. M. Semenkov, 3 pp.

RUSSIAN, per, Srednee Spetsial'noy Obrazovanie, No 1,
1960,

Internl Arts & Sci Press
Sov Education
Vol II, No 7

USSR

Soc

Aug 60

122,745

Crystallization of Bi, Te, and Bi_2Te_3 by
Means of the Peltier Effect, by S. A. Semenkovich,
L. A. Kolomojts, N. V. Kolomojts, 2 pp.

RUSSIAN, per. Fiz Tverdogo Tela, Vol. III, No 5,
1961, pp. 1597-1600.

AIP
Sov Phys - Solid State
Vol. III, No 5

Sci

Mar 62

189,127

Semenkovich, S. A.
ALUMINUM MONOFLUORIDE (AlF). [1962] [8]p.
8 refs.
Order from OTS or SLA \$1.10 63-13588

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii
Aluminievo-Magnlevyi Institut. Trudy (USSR) 1960,
no. 44, p. 113-119.

DESCRIPTORS: *Aluminum compounds, *Fluorides,
Aluminum, Chemical reactions, Hydrogen, Argon,
Enthalpy, Chemical equilibrium, Thermodynamics,
Vapor pressure, Temperature.

The paper reports the results of a study of the reaction:
$$2\text{Al}_{\text{liq.}} + \text{AlF}_{3\text{sol.}} \rightleftharpoons 3\text{AlF}_{\text{gas}}$$

The reaction was studied by the "transfer" method. Hydrogen, or
in some cases argon, was used as the "carrier" gas.
(Chemistry--Physical, TT, v. 10, no. 5) (over)

63-13588

I. Semenkovich, S. A.
II. Translations, New York

A242636

Office of Technical Services

Semenkovich, S. A.
ALUMINIUM MONOCHLORIDE. [1961].
Order from FRI FRI Trans-149
Trans. of *Zhurnal Prikladnoy Khimii (USSR) 1960,
v. 33, no. 6, p. 1281-1285.
DESCRIPTORS: *Aluminum compounds, *Chlorides.

(Chemistry--Inorganic, TT, v. 6, no. 1)

61-22427

I. Semenkovich, S. A.
II. FRI Trans-149
III. Fulmer Research Inst., Ltd.
(Gr. Brit.)

Office of Technical Services

Thermoelectrical Properties of Some Metal-like Compounds, by N. V. Kolomoets, V. S. Neahpor, G. V. Samsanov, S. A. Semenkovich, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 11, 1958, pp 2382-2389.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 11

Sci - Phys
Jul 59

90,753

Chemical Reactions of Aluminum Monohalides in
Vapors, by S. A. Semenkovich, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 3,
1960, pp 552-558.

Sci

Apr 61

CB

CB

144,343

Aluminizing of Iron With Aluminum Monochloride
Vapor, by S. A. Semenkovich, A. V. K. Svirnov.

RUSSIAN, per, Metal i Odra Metallov, No 5, May
1958, pp 48-51.

Bruthcer Tr 4225
\$3.50

Chem
Sci - *Met*
Sep 58

72,591