

<p>Semenov, A. D., Ivleva, I. N., and Datsko, V. G. DETERMINATION OF MICROGRAM QUANTITIES OF AMINO ACIDS IN NATURAL WATERS. [1961] 3p. Order from ATS \$6.00                      ATS-73N53R</p> <p>Trans. of *Akad[emiya] Nauk SSSR. Otdel[enie] Khim[icheskikh] Nauk. Izvest[iya] 1961, no. 1, p. 184-186.</p> <p>DESCRIPTORS: *Amino acids, *Water, *Micro- volumetric analysis</p> <p>(Chemistry--Analytical, TT, v. 6, no. 8)</p>	<p>61-25354</p> <p>I. Semenov, A. D. II. Ivleva, I. N. III. Datsko, V. G. IV. ATS-73N53R V. Associated Technical Services, Inc., East Orange, N. J.</p> <p>195232</p> <p>Office of Technical Services</p>
--	---

Rapid Combustion of Organic Material in the Determination of Phosphorus and Nitrogen in Natural Waters, by V. T. Kaplin, A. D. Semenov, V. G. Datsko, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1959, pp 1526-1528.

GB

Sci -  
May 61

152, 788

The Chemical Nature of the Organic Matter in  
the Waters of the Major Rivers in the USSR,  
by A. D. Semenov, 5 pp. 67  
RUSSIAN, per, Doklady Akademii Nauk USSR,  
Vol. 170, No. 4, 1966, pp. 941-943.  
JPRS 60613

A. D. SEMENOV

USSR  
Sci-Chem  
June 67

323,444

✓  
The Molecular Weight of Some Titanium Tetrachloride  
Complexes, by O. A. Osipov, A. D. Semenov, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 11, 1955, pp 2059-2061. CIA 542766-C, reel 3.

37,597

Consultants Bureau

Scientific - Chemistry  
Aug 56 CBS

Hot Cracking of Alloys of the V95 Type, by  
I. I. Novikov, A. E. Semenov, 7 pp.

RUSSIAN, bk, Deformiruyemye Alyuminiyevyye  
Splave, Oborongiz, Sbornik Statey, Moscow,  
1961, pp 189-194. 9667895

FTD-TT-62-1272

Sci-M/M  
Mar 63

224,431

The Use of Vibration During Solidification for  
the Elimination of Hot Shrinkage Cracks,  
by I. I. Novikov, G. A. Korol'kov, A. E. Semenov.  
UNCL

RUSSIAN, per, Lit Proiz, No 1, 1958, pp 7, 8.

Aluminium Lab, Ltd.  
B-TM-233-59  
02/3598

Sci - Min/Met; Phys  
Sep 59

96,780

Apparatus for Observing EPR Spectra of Solids  
During Irradiation by Fast Electrons, by Yu. N. Molin,  
A. T. Koritskiy, A. G. Semenov, N. Ya. Buben, V. N.  
Sharshev, 5 pp.

RUSSIAN, per, Priboyni Tekh Eksper No 6, 1960,  
pp 75-77.

ISA

Sci  
Aug 61

163,206

High-Productivity Oxygen Cutting With a Propane-Butane  
Mixture, by A. G. Semenov, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 4, 1961, pp 33-34.

BWRA

Sci  
May 62

195,220



Spectrometer for Studying Electron Paramagnetic  
Resonance, by A. G. Semenov, N. H. Bubnov,  
4 pp.

RUSSIAN, per, Prihory i Tekh Eksper, No 1, 1959,  
pp 92-95.

Instru Soc of Amer

Sci

Apr 60

114,087

Electron Paramagnetic Resonance Spectrometers (Review),  
by A.G. Semanov, 12 pp.

RUSSIAN, per, Pribery i Tekhnika Ekspoz, No 5, 1962.  
pp 5-18.

ISA

Sci.

*340, 886*

May 63

A New Magnetic Microwave Spectrometer, by A. G.  
Semenov, N. K. Dubnov, & UKCL  
pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 3, 1959,  
pp 55-56.

MM Tr Bul Sep 59

Sci - Phys; Engr  
Sep 59

98,701

(DC-4434)

How to Obtain Sound Soldering of a Lead  
Connection, by A. I. Semenov, 4 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1947,  
p 24.

JPRS 6687

Sci

Apr 61

146,691

(DC-4435)

Construction of Covers of Brick and Shaped Steel  
in Repairing Telephone Man Holes, by A. I.  
Bomony, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1947,  
pp 16-17.

JPRS 6477

Sci

Jan 61

136,200

(SF-2235)

TOURIST ROUTES FOR NOVGORODSKAYA OBLAST, BY  
A. I. SEMENOV, 52 PP.

RUSSIAN, BK, TURISTSKI 'YE MARSHRUTY PO ~~MA~~  
NOVGORODSKOY OBLASTI, 1961, PP 1-80.

JPRS 14,458

USSR  
GEOG  
JUL 62

0  
2X2,922

New Edition of the Geographic Atlas for Teachers  
in Secondary Schools, by A. I. Semenov,  
3 pp. *X*

RUSSIAN, per, Geodes i Kartog, No 3, 1959,  
pp 55-60.

AGU

Sci

Jul 61

*167, 241*

(DC-4431)

Cable Fillers and Methods of Their Manufacture, by  
A. I. Semenov, 3 pp.

RUSSIAN, per, Vestnik Svyazi, No 3, 1947, p 24.

JPRS 6659

Sci

Feb 61



(DC-4437)

Line-Cable Economy: Sil'fon -- A Device for Signaling Defects in Cable Casing, by A. I. Semenov, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1947, pp 18, 19.

JPRS 6219

Sci  
Dec 60

134,208

Determining the Density of a Gas Behind a  
Shock Wave From Shadow Photography, by  
A. N. Semenov. 18 pp.  
RUSSIAN, per, Inzhenernyy Zhurnal, Vol 4,  
No 4, 1964, pp 743-750. 969952  
FTD-TT-65-1385

93

*A. N. Semenov*

Sci/Physics  
Apr 66

298,907

Some Problems of the Work of Factory Laboratories,  
by A. N. Semenov, N. A. Kleimenov, 3 pp.

RUSSIAN, per, Zaved Lab, Vol XXV, No 6, 1959,  
pp 643-646.

Instru Soc of Amer

Sci

119,599

Jun 60

101

The Change from Sliding Friction to Rolling  
Ball Friction at High Temperatures Observed  
for Mo<sub>2</sub>C and VC, by A. P. Semenov, V. V.  
Pondryakov.

RUSSIAN, per. Doklady Akad. Nauk SSSR,  
Vol 160, No 5, pp 1037-1040, 1965 9229c26  
AEC-Tr-6574

*A. P. SEMENOV*

Sch-Enger  
Oct 63

200,635

101

An Investigation of the Anti-Friction  
Properties of Solid Bodies at High  
Temperatures in a Vacuum and several  
Gaseous Media, by A. P. Semenov, V. V.  
Pavlovskiy.

RUSSIAN, per. Doklady Akad. Nauk SSSR,  
Vol 100, no 4, pp 811-814, 1965 9229625  
AUC-Tr-6976

*A. P. Semenov*

Sci-Tech  
Oct 63

290,631

The Bonding of Metals is the Basis of Cold  
Welding, by A. P. Semenov, 5 pp.  
RUSSIAN, pr, Avtomat Svarka, No 5, 1964,  
pp 4-9.

BWRA

Sci  
Oct 64

268,128

On the Seizure [Cold Welding] of Clean Metallic Surfaces, by A. P. Semenov, V. V. Pozdnyakov.

RUSSIAN, par, Metal i Term Obra Metallov, No 10, 1959, pp 44-47.

HB 4988

Sci - Engr

156,809

Jun 61

TT-65-64455 Field 11D, 11I, 11C

Semenov, A. P.; Matveevskii, R. M.; Pozdnyakov, V. V.  
A SOVIET STUDY OF TEFLON-BASED ANTIFRICTION  
MATERIALS: SUMMARY OF DATA. 17 Apr 64, 19p.  
AD-U-64-25; AD-623 244.  
Order from CFSTI, SLA, or ETC: HC\$1.00, MFS0.50  
as AD-623 244

Partial trans. and abstracts of mono. Tekhnologiya  
Izgotovleniya i Svoistva Soderzhashchikh Ftoroplast  
Antifriktsionnykh Materialov; Osnovnye Printsipi  
Proizvodstva, Moscow, 1963 p64.

I. Aerospace Information Div.,  
Library of Congress,  
Washington, D. C.



Hardening of Metals During Joint Plastic  
Deformation, by A. P. Semenov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 1,  
1952, pp 125-128.

Insdoc  
Natl Physical Laboratory of  
India, Hillside Road,  
New Delhi-12, India

Sci - Chemistry

Aug 1956

37,162

Seizing of Metals, by A. P. Semenov, 141 pp.

RUSSIAN, bk, Sdvatyyvaniye Metallov, 1958,  
pp 46-52, 53-101, 231-252. 9660870

ATTC MSL/262/V

Sci - Min/Met

Apr 61

Telecom 41583

149,687

Two Opinions Regarding the Phenomenon of Bonding  
Between Metals (the "energetic" and "film" hypotheses  
by A. P. Semenov, 8 pp.

RUSSIAN, per, Avtomat Svarka, No 3, 1961, pp 52-60.

EWRA

Dis

Mar 62

188, 117

V (FDD 25602)

Study of Seizure of Metals During Combined Plastic Deformation, by A. P. Semenov, 168 pp.

RUSSIAN, bk, Issledovaniye Skhvatyvaniya Metallov Pri Sovmestnom Plasticheskom Deformirovani, Moscow, 1958, pp 3-120.

CIA/FDD Tr 562

~~36,550~~

USSR  
Sci - Chemistry

36814

471 64-11081  
Semanov-Tyan-Shanski, A. P. and Nikol'skaya, M. N.  
HYMENOPTERA (CHRYSIDIDAE) OF TADZHIKISTAN  
(Oey-Blestyashii (Hymenoptera, Chrysididae)  
Tadzhikistane). 1964. 34p 37refs PL-480 Agr.  
Order from: OTS HC \$0.50 MF \$0.50 TT-64-11081

Trans. of Akademiya Nauk SSSR. Zoologicheskii  
Institut. Trudy, 1964, v. 15, p. 89-137.

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

- I. Semanov-Tyan-Shanski,  
A. P.  
II. Nikol'skaya, M. N.  
III. PL-480-Agr  
(TT-64-11081  
IV. National Science  
Foundation,  
Washington, D. C.

1-442

The Charged Body Method, by A. S. Semenov.

X-4572

New Aspects of the Earth's Electric Field, by A. V. Veshov, A. S. Semenov, M. T. Novozhilova, 9 pp.

RUSSIAN, thrice-a-year, Dok Ak Nauk SSSR, Vol LXXVII, No 6, Dec 1952. pp 939-941

ARTICLE-75-8968/V  
Mark E. Burgunker Tr E-1  
541 West 113th Street  
New York 25, N. Y.

197100

Scientific - Geophysics

Feb 22 1953

26.212

Determination of Charge of Relativistic Nuclei by  
the Method of Delta-Electron Counting, by A. A.  
Laktionov, A. Z. Semenov, 3 pp

RUSSIAN, per, Pribery i Tekh Eksper, No 3, 1960  
pp 31-33

TSA

142,361

Sci-



The Chief Goals of the Historic Flight. Part II.  
The Cosmonaut is in Control of the EX Craft, by  
B. Senemov, <sup>5/22</sup>

np,  
RUSSIAN, ~~EX~~ Sovet Rossiya, No 192(1872), 15 Aug 1962,  
p 2 <sup>Page 137</sup>

\*FTD-TT-63-24

Sci - Space Res  
Jan 63

On What Are Our Designers Working? by B. Semenov,  
V. Sher, 6 pp.

RUSSIAN, per, Radio, No 5, 1959, pp 8, 9.

FID/X-4014

Sci  
Jan 60

Postvaccination and Postinfection immunity <sup>65</sup>  
in Tick-Borne Encephalitis, By B. F. Semenov.  
RUSSIAN, per, Voprosy Virusologii, No 5,  
1964, pp 597-601.  
MLL RTS 2909

*B. F. Semenov*

Sci-54N  
June 66

302,272

Use of Kinetic Reactions of Hemag-  
glutination Inhibition for Studies of  
Virus Strains in Tick-borne Encephalitis,  
by H. F. Semenov, et al.  
RUSSIAN, per, IN: Tick-borne Encephalitis,  
Kemerovo Tick-borne Fever, Hemorrhagic  
Fever, and other Arbovirus Infections.  
Moscow, 1964, pp 108-109.  
NIM 7-76-65 (On Loan)

Sci/D411  
Aug 65

287,418

Multiplication of Tick-Borne Encephalitis Virus in  
Primary Swine Embryo ~~Kidney~~ Kidney Epithelial Cell  
Cultures, by B. F. Semenov, N. H. Bogomolova, 4 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 2, 1961,  
pp 143-146.

FP

Sci

Aug 62

206,392

Effect of Beta-Propiolactone of Tick-Borne Encephalitis  
Virus, by B. F. Semenov, A. I. Rezepova, 3 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 4,  
1961, pp 432-434.

PP

Sci

Oct 62

216,088

The Choice of Method for Computing the ED<sub>50</sub> in  
Virological Investigations, by B. F. ~~Semenov~~  
A. K. Akatov, et al, 5 pp.

RUSSIAN, per, Voprosy Virusolog, Vol V, No 6, 1960.

PP

Sci

May 62

194,760

A Study of Toxic Properties of Ornithosis-  
Psittacosis Group Viruses Isolated in the USSR--II.  
Experimental Characterization of the Toxic  
Properties, by B. F. Semenov, 3 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol IV, No 3,  
1959, pp 293-296.

Pergamon Press

119,014

Sci

Jun 60



Lesions in the Organs of White Mice Due to  
Intoxication With Ornithosis Virus, by A. P.  
Avtsyn, B. F. Semenov, A. I. Vitting, 5 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol IV, No 3,  
1959, pp 289-292.

Pergamon Press

Sci

119,013

Jun 60

... Examples of the Application of Statistical Methods  
for the Analysis of the Results of Virological  
Experiments, by A. K. Akatov, V. I. Gavrilov, B. F.  
Semenov, 4 pp.

RUSSIAN, per, Voprosy Virusol, Vol V, No 1, 1960,  
pp 114-117.

RP

Sci  
Jan 61

140,507

Intestinal Viruses and Diseases Produced  
by Them, by V. N. Agafonov, V. N. Gavriiow,  
B. F. Semenov

RUSSIAN, mo per, Voenno Med Zhur, No 9,  
Moscow, Sep 1959, pp 35-41

*Sci*

US JPRS 2061-N

102,971

Investigation of the Toxic Properties of Viruses  
of the Ornithosis-Paittosis Group Isolated in  
the U.S.S.R. -- I. Demonstration of the Toxic  
Properties of the Viruses in Experiments on White  
Mice, by B. P. Semenov, p. 22.

RUSSIAN, *pub.*, *Voprosy Virusologii*, Vol II, No 1,  
1957, pp 25-28.

Pergamon Inst

Sci - Med  
Nov 58

97188

Results of Precision Measurements of the Radio  
Emission From the Sun on 1.6 cm, by S. A. Kamenskaya,  
B. I. Samanov, 8 pp.

RUSSIAN, per, Iz Vysokh Ucheb Zaved NI NV1850 SSR,  
Radiofiz, Vol V, No 5, 1962, pp 882-884.

JPRS 18823

Sci - Elec

May 63

229,000

(NY-5235)

Boosting the Trend Toward Large-Scale  
Efficiency Promoters and Inventors in  
Multi-Office Exchanges, by B. K. Sansouov,  
6 pp.

RUSSIAN, par, Vestnik Svyazi, No 9, 1953,  
pp 24, 25.

JPRS 7101  
CIA/FDD Tr 533

146,810

Sci

Apr 61

(NY-7184)

ELECTROCARDIOSCOPY IN INTRATHORACIC SURGERY OF  
CHILDREN, BY B. N. SEMENOV, 9 PP.

RUSSIAN, PER, KHIRURGIYA, VOL XXXVIII, NO 6,  
1962, PP 57-62.

JPRS 14924

SCI - MED

AUG 62

208,728

The Absorption and Luminescence Spectra of Nickel-Activated ~~and~~ Alkali Halide Crystals, by M. Kata, B. Z. Semenov, 10 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol IV, No 5, 1958, pp 637-642.

CIA/EDD XX-683  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics  
Sep 59

98,065

USIB INTERNAL USE ONLY



Atomic Nickel Centers in NaCl-Ni Phosphors, by  
M. L. Kats, B. Z. Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Phys Sec, Vol CVI,  
No 3, pp 415-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 1

Sci - Phys

57, 611

Aug 57

Two Stages Into the Sky, by V. Krivosheyev,  
Bor. Semenov, 7 pp.

RUSSIAN, np, Izvestiya, September 16, 1962,  
1 p. 9681615

FTD-TT-62-1673

Sci-Aero  
May 63

229,493

Main Goals of the Historical Flight, by  
B. Semenov, 5 pp.

RUSSIAN, np, Sovetskaya Rossiya, No 192 (1872),  
Aug 15, 1962, p 2. 9682737

FTD-TT-63-24

Sci-Aero  
May 63

229,523

(NY-6502)

Results of the Scientific Investigations of  
Physical Culture Institutes During 1960, by  
D. A. Semenov, N. Nel'ga, R. Ismailov, et al, 48 pp.

RUSSIAN, par, Teoriya i Praktika Fizicheskoy  
Kultury, Vol XXIV, No 4, 1961, pp 305-317.

JPRS 10064

USSR

168,840

Soc

Sep 61

Acceleration of the Excretion of Yttrium,  
Cerium and Lead From the Body with the Aid of  
Ethylenediamine-Tetraacetic Acid, Diethylene-  
triamine-Pentaacetic Acid and the Diaminodi-  
ethyl Ester of Tetraacetic Acid, by I. P.  
F Tregubenko, V. G. Yashunskiy, D. I. Semenov,  
10 pp.

RUSSIAN, per, *Biokhimiya*, Vol XXVI, No 1,  
1961, pp 177-187.

CB 168,405

Sol  
Sep 61

The Action of Chelating Compounds on Tissue Storage  
and Excretion from the Living Organism of Radioyttrium,  
Radiocesium and Plutonium, by D. I. Semanov, I. P.  
Tregubenko, 6 pp.

RUSSIAN, per, *Biohimiya*, Vol XXIII, No 1, 1958,  
pp 59-65.

Consultants Bureau

Sci - Chem  
Nov 58

77,031

An Apparatus for Desalting Amino Acid Solutions,  
by D. I. Semenov, 3 PP.

RUSSIAN, per, Biokhim, Vol XXIII, No 2, 1958,  
pp 296-299.

Consultants Bureau

Sci - Chem  
Jan 59

78,407

(4652-H)

The Distribution of Cerium and Ruthenium in Rat  
Organs After Inhalation, by L. A. Buldakov, Yu. I.  
Moskalev, ~~and~~ D. N. Semenov, 10 pp.

RUSSIAN, per, Medit Radiolog, No 6, 1960.

JPRS 5649

Sci - Med  
Oct 60

130,850



Calcium in Alkaline Pegmatites, by E. I.  
Semenov.

RUSSIAN, per, Trudy Inst Mineralogii, ~~SS~~  
Geokhimi i Kristallokhimi Redkikh Ele-  
mentov, Vol. IV, 1960, pp 85-90.

Dept of Interior  
G(570) Ac122m22E

Sci-Chem  
Jan 64

246,278

New Data on Minerals of the Lomonosovite ~~Group~~  
Murmanskite Group, by E. I. Semenov, N. I. Orjanova,  
et al, ~~6~~ 6 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 6, 1961,  
pp 925-932.

AIP  
Sov Phys - Crystall  
Vol VI, No 6

Sci  
Jul 62

205,389

Lovozero and Khibina Massifs -- A Rare-Metal  
Biogeochemical Provinces, by A. A. Dufykina,  
E. I. Semenov, 5 pp.

RUSSIAN, per, Trudy Inst Mineral Geokhim i  
Kristallogchim Redkikh Elementov, No 1, 1957,  
pp 35-37.

AEC Tr-4185

Sci - Chem  
24 Feb 61

141,045-

Hot Forging in the U.S.A. by E. I. Senenov, 4 pp.

RUSSIAN, pmr, Vest Mashinostroy, Vol XL, No 7,  
1960, pp 75-79.

BRAGE

Sci  
Aug 61

162,997

Heavy Forging in the USA, by E. I. Semenov,  
4 pp.

RUSSIAN, per, Vest Mash, Vol XL, No 6, 1960,  
pp 79-83.

PERA

Sci

157,454

Jul 61

On the Interaction Between the Carrying  
Capacity of a Telephone Channel and  
Articulation, by E. I. Semenov,

RUSSIAN, per, Elektrosvyaz, No 9, 1958, pp 73.

Pergamon Press

Sci

Mar 60

111,544

Determination of Required Characteristics of Acoustic  
Noiseproofing of the Speech Channel, by E. I. Semenov.

RUSSIAN, per, *Elektrosvyaz'*, No 10, Oct 1957,  
pp 50-56.

Consultants Bureau

Sci - Electronics  
Jua 60

*106,751*

Vinogradovite -- a new Mineral, by E. I.  
Semenov, E. Bohnstedt-Kupletskaya, Y. A.  
Moleva, and N. N. Sludskaya, 8 pp.

RUSSSIAN, per, Doklady Akad Nauk SSSR, Vol  
CIX, No 3, 1956, p 617-620.

SLI

~~XXXXXXXXXX~~  
SLA R 1607

Sci

Jul 58

68,803



Relationship Between Composition of Rare Earths and  
Composition and Structures of Minerals, by E. I.  
Semenov, 13 pp.

RUSSIAN, per, Geokhim, No 5, 1958, pp 452-461.

Geochemical Society

Sci - Geophys

Jun 59

89,631

On the New Mineral Labuntsovite and on the So-  
Called Titanoceladite, by E. I. Semenov and T. A.  
Burova, 8 pp,

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol 153 CL,  
1955, p 1113-1116.

SLA R 1608

Sci

Jul 58

68,802

The Composition Characteristics of the Rare  
Earths in Minerals, by E. I. Seamonov, R. L.  
Barinskiy, 22 pp.

RUSSIAN, per Geokhin, No 4, 1958, pp 333-  
340.

Geochemical Society

Sci - Geophys

Apr 59

85,703

The First Discovery of Elpidite in the USSR,  
by I. P. Tikhonenkov, E. I. Semenov, M. E.  
Kazakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,  
No 5, May-Jun 1957, p 1101.

Consultants Bureau

Sci - Geophysics  
Aug 58

69, 387

Beryllium Minerals, Epididymite and Eudidymite in  
Alkaline Pegmatites of the Kolsky Peninsula, by L. L.  
Shilin, E. I. Sesenov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,  
No 2, Jan/Feb 1957, pp 325-328.

Consultants Bureau

Sci - Geophysics

56, 746

Dec 57

Prophylaxis of Infective Hepatitis With  $\gamma$ -  
Globulin, by V. A. Ananyev, P. G. Zsachov,  
A. L. Pepik, E. P. Semenov, G. A. Sinaiko,  
E. N. Litvak, J EP.

RUSSIAN, per, Voprosy Virusology, Vol III, No 3,  
1958, pp 183-184.

Pergamon Inst

Sci - Med

Feb 59

81,718

Turbulent Combustion in an Enclosed Space, by  
V. P. Karpov, E. S. Semenov, A. S. Sokolik,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1220-1223.

Consultants Bureau

Sci

Sep 60

126,538

Probe Investigation of Ionization in Spherical Flames,  
by B. S. Semenov, A. S. Sokolik, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 9, 1962,  
pp 1074-1083.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol VII, No 9

Sci

Apr 63

232,778



Device for Measuring the Turbulence in Piston  
Engines, by E. S. Semenov, 10 pp.

RUSSIAN, per, Priory i Tekh Eksper, No 1,  
1958, pp 93-101.

Instru Soc of Amer

Sci

Apr 60

113,533

The Coefficient of Absorption of  $\text{Co}^{60}$   $\gamma$ -Rays  
by Semiconductors, by B. I. Boltaks, B. T.  
Plachenov, E. V. Semenov, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXIII, 1958,  
No 1, pp 72-75.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 6

Sci - Phys  
Jul 59

91,826

Isotopic Exchange in Decarboxylation of Deuterated  
Benzoic Acid, by G. A. ~~Semenov~~, M. Ya. Turkina, B. V.  
Shiryayev, 6 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXXI, No. 2, 1961,  
pp 642-643.  
641-643

CB

*189, 205*

Sci

Mar 62

Production of Powder Alloys of Nickel With Iron and  
Molybdenum by Simultaneous Reduction of Mixed Oxides  
(Diffusion Method), by G. A. Semenov, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 7,  
1959, pp 1502-1504.

CB

Sci

Aug 60

122,408

**Steady-State Heat Exchange in a Layer of  
Spheres, by G. K. D'yakonov, G. A. Semenov,  
17 pp.**

**RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, No 7, 1955, pp 109-118.**

Sci Mus Lib No 56/2536

Sci - Physics

42, 893

D.S.I.R. / 28186/CT

Direct Determination of the Deuterium Content in  
Deuteriobenzene by Means of a Mass Spectrometer,  
by G. A. Semanov, M. Ya. Turkina, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 9,  
1958, pp 1084, 1085.

Instru Soc of Amer

Sci

Apr 60

113, 377

Mass Spectrometric Study of the Sublimation of  
Germanium Dioxide, by S. A. Shchukarev, G. A.  
Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958,  
pp 1039-.

Consultants Bureau

Sci - Gen Chem

Jun 59

88, 748

The Mass-Spectrometric Analysis of the Isotopic  
Composition of Boron, by G. A. Semenov, Yu. A.  
Zonov, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 1,  
1959, pp 137-138.

CB

165, 843

Sci  
Sep 61



Study of the Evaporation of Gallium, Indium, and  
Thallium with the Aid of the Mass Spectrometer, by  
S.A. Shchulzarev, G.A. Semenov, I.A. Mat'kovskiy, 5pp.

RUSSIAN, part, Zhur Prik Khim, Vol XXXV, No 7, 1962,  
pp 1451-1458.

CB

Sci

233,645

May 63

Determination of the Saturated Vapor Pressure of Indium Oxide, by S. A. Shchukarev, G. A. Semenov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim Vol XXXI, No 7, 1961, pp 2090-2091.

CB

Sci  
13 Jun 62

200,583

Mass Spectrometric Method for the Study of the  
Evaporation of Slightly Volatile Substances, by S. A.  
Shchukarev, G. A. Semenov, 7 pp.

RUSSIAN, par, Zhur Neorg Khim, Vol II, No 6, 1957,  
pp 1217-1220.

AEC-tr-4056  
PL-480

146,299

Sci

Apr 61

PST No 83

(FDD 27090)

Slide Rule for the Determination of Angular Dimensions, by G. A. Semenov, 11 pp.

RUSSIAN, no per, Mat 1 Gid, No 2, Moscow, Leningrad, Feb 1956, p 48.

*38,124* CIA/FDD U-8541

USSEI

Sci - Engineering, meteorology

Approximate Calculation of the Electric Field in a  
Dielectric With Low Dielectric Constant, by A. S.  
Bomdarev, G. F. Semenov, 7 pp.

RUSSIAN, per, Izvestiya Vysshikh Ucheb Zaved MYISSO  
SSR po Razdelu Radiotekhnika, Vol V, No 6, 1962,  
pp 734-736.

JPRS 19400

Sci - Engr  
Jun 63

231,612