

Design Principles for Apparatus for Geophysical
Prospecting by Alternating-Current Methods,
by K. B. Karandeev, D. S. Daev, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 2, 1964, pp 254-259,

Amer Geophys Union

Sci
Jul 64

~~SECRET~~
262,748

Cascade Compensation Circuits, by K. B. Karandeyev,
M. G. Misyuk, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 5, 1958,
pp 50-52.

Instru Soc: of Amer

Sci

Apr 60

113,137

Transistorized DC Converters for Instrument
Amplifiers, by K. B. Karandoyev, V. I. Golovinskiy,
M. G. Milyuk, 3 pp.

RUSSIAN, per, Priory i Tekhnika Eksperimenta, No 12,
1959, pp 62-64.

USASIA 80-690/59

Sci - Electronics

Apr 60

114,357

Inertia Vibration Meter With Electromechanical
Feedback Damping, by L. D. Gik, K. B. Karandayev,

RUSSIAN, per, Priborostroyeniye, No 10, 1959,
pp 14.

Taylor & Francis

Sci

Aug 60

124, 29.

(NY-5641)

On the work of the Bureau of the Medico-Biological
Division of Sciences of the Academy of Medical
Sciences USSR During the First Half Year of 1960,
by N. A. Krayevskiy, S. Ye. Karandayev, 14 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV,
No 11, 1960, pp 67-72.

JPRS 7072

Sci - Med

Mar 61

142,615

(SF-1069)

Survey of Doctoral Theses Defended During the
Period 1957-1959 in the Scientific Council of the
Department of Medical-Biological Sciences of the
Academy of Medical Sciences, by S. Ye.
Karandayev, 11 pp.

RUSSIAN, per, Vest Ak Med Nauk, Vol XV, No 7,
1960, pp 72-77.

JPRS 4097

Sci - Med
Oct 60

129,070

Self-Balancing Bridge for Independent Measurement
and Recording of the Resistive and Reactive Com-
ponents of an Impedance, by K. B. Karandeyev,
L. Ya. Misyuk, G. A. Shtamberger, 3 pp.

RUSSIAN, per, Priborostroyeniye, No 6, 1960,
pp 15-18.

Taylor & Francis

Sci

141,577

Mar 61

Transistorized DC Millivoltmeter, by K. V. Karandoyev,
M. G. Milyuk, N. I. Smirnov, 8 pp.

RUSSIAN, per, Pribory i Tekhnika Eksperimenta, No 2,
1959, pp 65-67.

USASIA SC-59r/59

Sci - Electronics

Apr 60

114,358

S-4677

(DC-2544).

Activities of the Division of Medico-Biological
Sciences of the Academy of Medical Sciences, USSR,
by S. Ye. Karandayev, 13 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIII,
No 3, 1958, pp 86-93.

JPRS 665-D

Sci - Med
May 59

86,545

Outline of Geomorphological Zones, by M. V.
Karandayeva, 5 pp.

RUSSIAN, per, Geomorfologiya Yevropeyskoy Chasti
SSSR, 1957, pp 50-54. (Call No EIF 358942, Eng Tr).

AMB

USSR
Geo
Mar 63.

142,293

Comparative Nutritional Value of Meat Dehydrated
by the Method of Thermal Atmospheric Desiccation
and by Sublimation, by V. P. Karandayeva, 7 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XIII, No 6,
1963, pp 12-15.

ACSI I-3920
ID 2253821

Sci - Biol & Med Sci
Feb 68*

248,418

Some Aspects of Exchange of Matter in *Modiola* ~~...~~
Phaseolina and *Mytilus Colloprovincialis* in and
Under Conditions, by O. G. Karandeeva.

RUSSIAN, (Attachment to RA Beirut 170-62, 1959.

Navv Trans 3309/ONI 910

Sci - Biol-Med
Mar 63

224,765

A Fabry-Peret etalon for measurement of the
Doppler width of the λ 5577 line in the night
sky, by R. V. Karandikar,

FRENCH, per, Rev. Opt 35, no 7, p 414-20,
1956.

ASLIB-GB4

Sci

Aug 59

94,407

On the Accuracy of Calculations of Seepage Using
the Viscous Flow Model, by T. B. Karanfilov.

RUSSIAN, per, Gidrotekh Stroitel, Vol XXX, No 2,
1960, pp 45-47.

MIL H. 2942

Sci - Envs

Feb 62

186,841

The Phenomenological Relationships of
Onsager, by K. Karanikolov, 5 pp.

RUSSIAN, per, Zhur Ekspert i Teoret Fiz,
Vol XXVIII, 1955, pp 283-286.

SLA R-2137

Sci

Aug 58

72,044

The Phenomenological Relations of Onsager, by Khristo
Karanikolov, 2 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol
XXVIII, Mar 1955, pp 283-286. CIA C 40846

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31,647

The Complexometric Determination of Zinc in Concentrates, using the Indicators Xylenol Orange and Methylthymol Blue, by O.B. Budavskiy, A.N. Karolev, R.A. Karanov, L. Simova-Filippova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959, pp 1439-1441.

Instruc Soc of Amer

135,396

Sci
Jan 61

Determination of Calcium Oxide and Silicon
Dioxide in Slag From Lead Smelting, by A. M.
Karolev, R. A. Karunov, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 4, 1959,
pp 413-415.

Instru Son of Amer

Sci

Jun 60

118,037

Amination of Chlorinated Rubber, by V. Kabaivanov, M.
Mikhailov, Kh. Karanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 2, 1957,
pp 267-270.

Consultants Bureau

Sci - Chemistry
Jul 58

66,754

THE PROBLEM OF PROPHYLAXIS OF OCCUPATIONAL BLADDER
TUMORS, BY A. S. KARAPETYAN, I. S. ~~XERX~~ TEMKIN, 4 PP.

RUSSIAN, PER, GIG TRUDA I PROFESSIONAL'NIYYE
X ZABOL, NO 6, 1962, PP 25-27.

JPRS 154878

SCI - MED
OCT 62

213,545

Photometric Determination of Gallium by
Means of Gallium, O by G. G. ~~XXXXXXXXXX~~
L. A. Yonova, B. L. Podol'skaya, O pp.

RUSSIAN, per, Zhur Anal Khim. vol. 37, no 4,
1958, pp 439-444.

XXXXXXXXXX

Sci - Chem

Jun 59

88,335

Colorimetric Determination of Aluminum With the New
Reagent 'Stilbazo', by V. I. Kuznetsov, G. G. Karanovich
D. A. Irapkina. ^(Sov)

RUSSIAN, per, Zavod Lab, Vol XVI, No 7, 1950, pp 787-
792.

Brutcher Tr 4036

Sci - Min/Met

26.40

Jan 58

57,377

Colorimetric Determination of Beryllium by Means of
a New Reagent - Berillon Et II, by G. G. Karanovich,
5 pp.

RUSSIAN, bino per, Zhur Anal Khim SSSR, Vol XI, No
11, 1956, pp 400-404.

Consultants Bureau

Sci - Chemistry
Mar 57

42,855

J-223/64

Communism -- The Albanian Deviation, by
L. V. Karapanagiotis, *1597*

GREEK, per, Epokhes, No 11, 1963, pp 3-10.

J
*JPRS/DC-10307/SPECIAL

~~XXXXXX~~

EEur - Albania

Pol

Feb 64

Party Leadership in the National Economy, by Pencho
Karapenev, 10 pp.

BULGARIAN, per, Novo Vreme, No 9, 1962,
pp 80-87.

JPRS 16373

Ebur - Bulgaria
Econ
Nov 2 62

217,794

METHODS OF SELECTING AND DESIGNING HEAT SINKS
FOR SEMICONDUCTOR DEVICES, BY A. KARAPETYAN,
10 PP.

RUSSIAN, JOURNAL, PROMYSHLENNOST' ARMENII, NO 9,
1962, PP 49-53.

JPRS 16597

USSR
ECON
DEC 62

218,268

Karapetyan, B. K.
RESULTS OF SEISMOMETRIC OBSERVATIONS
DURING MASS EXPLOSIONS (Resul'taty Seismo-
metricheskikh pri Massovykh Vzryvakh) tr. by Ivan
Mittin 1960 [14]p. 2 refs.
Order from LC or SLA mi\$2.40, pi\$3.30 61-19237

Trans. of Akademiya Nauk Armyansko, SSR
[Yerevan]. Izvestiya. Seriya Tekhnicheskikh Nauk,
1957, v. 10, no. 3, p. 21-34.

Results are discussed of the observations of mass
explosions in 1955-56 in various areas (Maralik,
Dtmashen, Dvin, Talish, and the Tokhmakhangel'sk
pit) of the ASSR. As a recording device, the portable
pendulum seismometer AIS-2 with free oscillations
was used; periods of horizontal oscillations were
0.05; 0.1, 0.2, 0.4 sec, and vertical -- 0.05, 0.1,
0.2 sec with the logarithmic damping decrement
 δ 0.2-0.4 which is an approximate model-scale for
buildings and structures of the same characteristics.
(Earth Sciences--Seismology, TT, v. 5, no. 12) (over)

61-19237

1. Seismic waves--Analysis
2. Explosions--Physical effects
1. Karapetyan, B. K.
11. Geological Survey,
Denver, Colo.

Office of Technical Services

BB Prop 18

(DO-3190).

First All-Russian Congress of Therapeutists, by
G. N. Karapetyan, 13 pp.

RUSSIAN, per, Klin Med, Vol XXXVII, No 6, 1958,
pp 6-14.

JPRS 3078

Sci - Med
Mar 60

111,230

Study of the Structure of Semiconductor Glasses
Based on Iron Oxides

By G.O. Karapetyan, V.A. Tsekhomskii pp5

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 2, 1963,
pp627-633

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 2

Sci

Sep 63

344 715
~~344 415~~

Effect of Glass Structure on Spectral and Chemical
Properties of Cerium Ions, by G. O. Karapetyan,
11 pp.

RUSSIAN, bk, Stakloobraznoye Sostoyaniye, Iz Ak
Nauk SSSR, Moscow, 1960, pp 360-365. 9669354

FTD-TT-63-265

Sci-M/M
July 63

235,836

Electron Paramagnetic Resonance Study of the Effect
of Ionizing Radiation on Glasses Belonging to the
 $\text{Na}_2\text{O}\cdot\text{Ba}_2\text{O}_3\cdot\text{SiO}_2$ System, by G. O. Karapetyan and
D. M. Yudin, pp 7.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 10,
1962, pp 2647-2655.

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 10

340,585

Sci

Jun 63

Electron Paramagnetic Resonance Study of the Action
of γ Radiation on Phosphate Glasses, by G. O.
Karapetyan, D. M. Yudin, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, ^{Vol III} No. 9, 1961, pp.
2827-2834

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mar 62

192,480

**Construction of the Kirovskiy Aluminum Plant: Construction
Design and Costs, by K. Kuznetsov, 6 pp.
KUMKAS, pt. Kirovskiy Aluminiiy, 24 Dec 1962, p 2.
(Table of Contents)**

JPRS 23163

**USSR
Econ
Feb 64**

205, 117

Effectiveness of the Sulphuric Acid-Mechanical
Method of Delinting Seed Against Gummosis, by
A. A. Babayan, K. A. Karapetyan,

RUSSIAN, no par, Iz Bial i Sel'skikh Nauk
Ak Nauk Argyanskoi SSSR, Vol VII, No 10, pp 57-64.
CIA 9006514

USDA

40, 112

Sci - Biology
USSR
Economic - Agriculture
Oct 66 CTS

Dependency Between Structure and Antimicrobial Activity of Chloramycetin (Levomycesin) and the Mechanism of Its Effect, by M. M. Shemlakin, M. N. Kolesov, M. M. Levitov, K. I. Germanova, M. G. Karapet'yan, Ya. B. Shvetsov, E. M. Bantse, 10 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CII, No 5, 1955, pp 953-956. CIA 197101

HH

37,698

**Sci - Chemistry, Biology
Aug 1956**

The Chemistry of Chloramycetin (Levomycesin). VIII.
The Dependence of the Antimicrobial Activity of
Chloramycetin on Its Structure and the Mechanism of
Chloramycetin Action, by M. M. Shamyakin, M. E.
Kolozov, M. H. Levitov, K. I. Gerasimova, M. G. Kara-
petyan, Yu. B. Shvetsov and E. N. Bandyas, 10 pp.

Full tr

RUSSIAN, no per, Zhurn Obshch Khim, Vol XXVI, No 3
1956, pp 773-782.

Consultants Bureau

42, 540

Sci - Chemistry
Jan 57-618

The Chemistry of Chloromycetin (Levomycesin)
VI. Synthesis of New Optically Active Analogs
of Chloromycetin (Levomycesin), by M. M. Shemya-
kin, ~~М. М. Шемьякин~~ M. N. Kolosov, M. G. Karapet-
yan, E. M. Bendas, Yu. B. Shvetsov, E. I. VINO-
gradova, L. A. Shchukina, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,
No 6, 1955, pp 1199-1205.

Consultants Bureau

Scientific - Chemistry

41,353

Research in the Chemistry of Chloromycetin
(Levomyocetin). II. A Study of Synthetic Methods
and of the Synthesis of Optically-Active Analogs of
Chloromycetin (Levomyocetin), by M. M. Shenyakin,
E. M. Bambas, E. I. Vinogradova, M. G. Karapetyan,
M. N. Kolosov, A. S. Khokhlov, Yu. B. ~~Shvetsov~~, L. A.
Shchukina, 12 pp.

Full translation.

22,620

RUSSIAN, no per, Zhur Obshch Khim, Vol XIII, No 11,
1953, pp 1854-1866. CIA D 151246

Consultants Bureau

Scientific - Chemistry

Apr 55 GTS

63-18604

Karapetyan, N. V., Litvin, F. F., and Krasnovskii, A. A.
STUDY OF LIGHT TRANSFORMATIONS OF CHLOROPHYLL BY DIFFERENTIAL SPECTROPHOTOMETRY. [1963] [12p. 28refs.
Order from OTS or SLA \$1.60 63-18604

I. Karapetyan, N. V.
II. Litvin, E. F.
III. Krasnovskii, A. A.

Trans. of #Biofizika (USSR) 1963, v. 8 [no. 2]
p. 191-200.

DESCRIPTORS: *Chlorophylls, Photosynthesis,
*Spectrophotometers, Absorption analysis.

For the measurement of differential absorption spectra we chose an apparatus with a mechanical separation in time of the measuring and activating light. The apparatus permits measurements of "light-dark" differential spectra of chlorophyll solutions and of living photosynthesizing organisms to be accomplished. The meas- (Biological Sciences--Biochemistry, TT, v. 10, no. 11)
(over)

Office of Technical Services

PRESERVE AND DEVELOP LOCAL INDUSTRY, BY
S. KARAPETYAN, 5 PP.

RUSSIAN, NP, KOMMUNIST, 14 NOVEMBER 1962, P 2.

JPRS 17737

USSR
ECON
FEB 63

223,847

Separation and Properties of Higher $\alpha, \alpha, \alpha, \omega$ -
tetrachloroalkanes, by A. N. Nesmeyanov, Sh. A.
Karapetyan, E. I. Vasil'yeva, R. Kh. Freidlina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 2,
pp 345-347.

CB

Sci
Aug 60

126,386

Chlorination of Ethyl Alcohol, by N. I. Gelparin,
and Sh. A. Karapetyan, 11 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXV, No 4,
Apr 1952, pp ~~398~~ 398-409.

Consultants Bureau

7423

Scientific - Chemistry

Doc 53 CTS

Centralized Disinfection of Cotton Seed in Armenia
and Tests of Some New Disinfectants, by A. A.
Babayan, K. A. Karapetian, 3 pp.

RUSSIAN, 10 times yr per, Dok Akad Nauk Armenskoi
AE SSR, Vol. VII, No 5, pp 15-25.

SIA Tr R-121

Sci - Biol
Apr 1957

Jan 1957
46,229

Effectiveness of the Sulphuric Acid-Mechanical
Method of Delinting Seed Against Gummosis, by A. A.
Babagan, K. A. Karapetian, 3 pp.

RUSSIAN, 10 times yr per, Dok Akad Nauk Armenskoi
SSR, Vol VII, No 10, Oct 1954, pp 57-61.

SIA Tr R-122

Sci - Biol
Apr 1957

46,230 Jan 1957

A Method of Cultivation of Lamblia, by A. E.
Karapetyan, 5 pp. FOR OFFICIAL USE ONLY

RUSSIAN, bk, Metodika Kul'tivirovaniya Lambliy,
Tsitologiya, No 2, 1960, pp 379-384.

CIA/FDD X-4095

Sci - Med

Aug 62

208, 108

(NY-5502)

Method of Cultivation Giardia Lamblia, by A. Ye.
Karapetyan, 10 pp.

RUSSIAN, per, Tsitologiya, Vol II, No 3, 1960.

JPRS 7666

Sci

Feb 61

139,978

A Simplified Method for Earthquake Resistant
Design of Structures, by A. G. Nazarov, B. E.
Karametov, 15 pp.

RUSSIAN, rpt, Metody Rascheta Zdanij i Sooruzheniy
na Seizmootoykost', 1958.

Sci - Geophysics
Nov 60

Earthquake Eng Res Inst
465 California Street
San Francisco 4, California
TH
1095
.EL

131,465

Shrinkage and Creep of Lightweight Concretes
in Prestressed Concrete Structures, by M. Z.
Simonov, K. S. Karapetyan.

RUSSIAN, par, Beton i Zhelezobeton, No 10,
1960, pp 450-454.

MLL Ref: 5196 1962 (1133)
(Loan)

Sci - M/M

238,362

Jul 63

Initial Stages in the Synthesis of Tetracyclines, by
M. M. Shemyakin, M. N. Kolosov, M. G. Karapetyan, E. S.
Chaman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXII, No 4, 1957,
pp 669-.

Consultants Bureau

Sci - Chemistry
Jul 58

66,773

C Embryogenesis of the Lingual Mucous Membrane and
Its Innervation, by K. A. Karapetyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 5,
1958, pp ~~928-932~~. pp 928-

Amer Inst of Biol Sci

Sci - Med

96,140

Studies in the Field of Sarcomycin and Its
Analogues. II. Synthesis of Sarcomycin Isomers.
by M. M. Shemyakin, M. N. Kolosov, M. G.
Karapetyan, V. Ya. Rodyonov, ^A pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2068-2074.

CB

Sci - Chem
Oct 59

99,063

Sarkomycin and its Analogs. I. Synthesis of Dihydrosarkomycin and its Antipode, by M. M. Shemyakin, L. A. Shchukina, E. I. Vinogradova, M. N. Kolosov, R. G. Vdovina, M. G. ~~Karapetyan~~, V. Ya. Rodionov, G. A. Ravdel, Yu. B. Shvetsov, E. M. Bandas, E. S. Chazan, K. M. Ermolayev, E. P. Semkin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957, pp 742-748.

Consultants Bureau

Sci - Chem
Aug 58

69,160

The Dynamic Parameters of Some Seismic Foci in the
Caucasus, by N. K. Karapetyan, 5 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Geofiz, No 2,
1958, pp 260-268.

Amer Geophys Union

Sci - Geophys

Sep 59

96,565

The Leaves of the Citrus as a Source of Vitamin C,
by N. A. Izmaylov, Sh. A. Karapet'yan, 5 pp.

RUSSIAN, per, Pishchevaya Prom, No 1, 1945,
pp 24-26.

SLA 60-10885

Sci

OTS, Vol III, No 7

133,071

Nov 60

Synthesis of Higher $\alpha, \alpha, \alpha, \omega$ -Tetrachloroalkanes,
1,1,1-Trichloroalkanes, by A. K. Nesmeyanov, Sh. A.
Karapetyan, R. Kh. Freidlina, 4 pp.

RUSSIAN, zarice-zo per, Dok Ak Nauk SSSR, Vol CIX,
No 4, Jul/Aug 1956, pp 791-793.

Consultants Bureau

Sci - Chem

56, 648

Doc 57

The Chemical Action of Ionizing Radiations, by
B. L. Tsetlin, Sh. A. Karapetyan, 4 pp.
UNCLASSIFIED

RUSSIAN, no per, Priroda, Vol XL, No 12,
Moscow, 1957, pp 55-57.

US JPRS/NY-597

(NY-1670)

Sci - Chem
Sep 58

72,408

Preparation of Higher *d, d, μ* Tetrachloroalkanes
in a Flow Apparatus, by Sh. A. Karapetyan, L. A.
Pichugin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^λ CIV, No 3, ¹⁹⁵⁷ pp
549-552.

Consultants Bureau

Sci - Chem
Aug 58

69, 117

(DC-8036)

SOVIET STUDIES IN ANIMAL PHYSIOLOGY, BY
S. K. KARPETAN, 5 PP.

RUSSIAN, DR. NIKOL'SKIYA V FIZIOLOGICHESKOY
STRELYAZHI ZHYVOTNOGO ORGANIZMA, YEREVAN, 1961,
PP 109-112, 131-132.

JPRS 15137

SCI - BIOLOGY
SEP 68

219,103

Amino Acid Composition of Egg Proteins From Hens
Maintained Under Different Living Conditions, by
S. K. Karapetyan, N. G. Matkayelyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1,
1959, pp 200-.

Amer Inst of Biol Sci

Sci

Jan 60

105,624

119,305

A New Series of Sizes I and II Power Transformers
for 6 and 10 Kilovolts, by R. A. Oganyan, M. G.
Gukasyan, V. M. Karapetyan, 9 pp.

RUSSIAN, par, Vest Elektrom, No 9, 1959, 14 pp.

JPRS 2827

USSR

Eccon - Technological

Jul. 60

119,305

Karapetyants, M. H. and Chen, Huang Yu.
THE TEMPERATURE DEPENDENCE OF THE SATURATED VAPOR PRESSURE OF n-ALKYL CYCLO-
HEXANE. [1961] [6]p. 16 refs. 61-27987
Order from OTS or SLA \$1. 10

Trans. of Khim[itya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1959, v. 4, no. 10, p. 28-31.

DESCRIPTORS: *Cyclohexanes, Vapor pressure,
Temperature, Alkyl radicals.

Earlier statements and applications of the combined calculation method were used for the calculations of the temperature-dependence of the saturation pressure of n-alkylcyclohexanes. Coefficients were derived which were used to establish the temperature-dependence for various n-alkylcyclohexanes: for a number of these substances there is no previous data reported in the literature. (Author)

61-27987

I. Karapetyants, M. H.
II. Chen, Huang Yu.
III. Translations, New York

(Chemistry--Organic,
TT, v. 6, no. 10)

Office of Technical Services

The Viscosity--Temperature Relationship for Silicate
Glasses, by M. Kh. Karapet'yants, 6 pp.

RUSSIAN, per, Steklo i Keramika, Vol XV, No 1, 1960,
pp 26-32.

CB

Sci
Oct 60

130,489

Methods of Comparative Computation of
Heat Effects. II, by M. K. Karapet'yants,
21 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, 1956,
pp 593-607.

SLA R-2143

Sci

Aug 58

72,052

Methods of Comparative Computation of
Heat Effects. II, by M. K. Karapet'yants,
17 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX,
1956, pp 1104-1117.

SLA R-2144

Sci

Aug 58

72,053

+
Thermodynamic Properties of Compressed
Ammonia, by Y. S. Kazarnoskiy and M. K.
Karapetants, 19 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XVII,
1943, pp 172-186.

SLA R-2282

Sci

Aug 58

72,183

<p>Karapet'yants, M. Kh. and Yan, K. H. THE TEMPERATURE DEPENDENCE OF THE VIS- COSITY OF n-ALKANES 30 Oct 63, 12p 12ruf's Order from OTE, SLA, or ETC \$1.60 TT-64-10713</p> <p>Trans. of <i>Vzr[urnal] Fiz[icheskoi] Khim[ii]</i> (USSR) 1963, v. 37 [no. 9] p. 2041-2047.</p>	<p>TT-64-10713</p> <p>I. Karapet'yants, M. Kh. II. Yan, K. H.</p>
<p>(Chemistry--Physical, TT, v. 11, no. 12)</p>	<p>283522</p> <p>Office of Technical Services</p>

The Approximation Computation of the Temperature
Function of Heat Capacity, by M. Kh. Karapat'-
yants, 14 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol. XXXII, No 8,
1958, pp 1763-1773.

OTS 60-17719

Sci

30 Mar 62

188, 910

Interatomic Distances in Molecules of Gaseous
Alkali Metal Halides, by M. Kh. Karapet'yants,
4 pp.

RUSSIAN, per, Zhur Strukt Khim, Vol I, No 4,
1960, pp 399-403.

CB

Sci

169, 234

Sep 61

Comparative Calculation of Interatomic Distances, by
M. Kh. Karapet'yants, and Ling T'ing-ch'ing, 9 pp.

RUSSIAN, per Zhur Strukt Kaim, Vol I, No 3, 1960,
pp 277-285.

CE

Sci

168, 903

Sep 61

61-18230

Karapet'yants, M. Kh.
TEMPERATURE DEPENDENCE OF THE HEAT OF
EVAPORATION. [1961] 4p. 1 ref.
Order from OTS or SLA \$1.10 61-18230

I. Karapet'yants, M. Kh.

Trans. of Khimicheskaya Promyshlennost' (USSR)
1945, no. 6, p. 21-22.

DESCRIPTORS: *Hydrocarbons, Heat, Evaporation,
Vaporization, Temperature.

A method of calculation of the heat of evaporation of various substances is suggested which can also be used in a graphical form. It requires a knowledge of the heat of evaporation of a reference substance at a temperature as far from its critical temperature as that of the substance under investigation from its own critical temperature. In addition, the equation given involves knowledge of a constant. For paraffin hydrocarbons an equation is given for the value of this constant as a function. (Physics--Thermodynamics, TT, v. 6, no. 8) (over)

Office of Technical Services

The Heat of Evaporation of Liquids, by
N. Kh. Karapetyants, 2 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVI, No 4,
1953, pp 432-433.

20,324 Consultants Bureau

Scientific - Chemistry Dec 1954 CTS

The Temperature Relation of the Heat Formation
in Homologous Series of Hydrocarbons, by M. Kh.
Karanet'yants.

RUSSIAN, no per, Khim i Tekh Topliva, No 9, 1956,
pp 22-34.

Tech and Comm

\$75.00

43,938

Sci - Chemistry
Feb 1957 CTS/dex

An Approximate Method for Calculations of Melting Points
in Homologous Series, By M. Kh. Karapetyants, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 12, 1957,
pp 3379-3385.

Consultants Bureau

Sci - Chem

Mar 59

82,205

The Effect of Pressure on the Heat of the
Formation of Ammonia, by Y. S. Kazarnovskiy,
and Y. S. Karapetyants, 8 pp.

RUSSIAN, par, Zhur Fiz Khim, Vol XV, No 7-8,
1941, pp 966-973.

4

Asso Techn^{ic} 80J15R

Sci

Jul 58

69, 786

Classification of Winters in Athens in the Period
1859-1949, by Photios Karapiperis, 8 p.

GREEK, ser, Akademia Athenon, Praktika, 1950,
Vol XXV, pp 42-47.

SLA 59-10888

Sci
Dec 59
Vol 2, No 6

103,982

(NY-6041)

The Cholesterol Level in the Blood of Young People
as an Index of Predisposition to Atherosclerosis,
by F. V. Karapetyan, 9 pp.

RUSSIAN, per, Terapev Arkhiv, Vol XXXIII, No 1,
1961, pp 36-40.

JPRS 9167

Sci - Med

154,441

May 61

A Combination Method of Calculating the Temperature
Dependence of Vapour Pressure. VI. Monoalkylamines,
by M. Kh. Karapet'yants, Ch'eng Kuang-Yueh, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 4, 1961,
pp 782-788.

Cleaver-Hume Press

Sci

Feb 62

184, 787

Luminescence of Glasses Containing Cerium,
by G. O. Karapetyan, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXIII, No 11, 1959, pp 1368-1371.

Columbia Tech

Sci

Sci

Feb 61

138,332

Physiology and Geochemical Activity of
Thiobacilli, by G. A. Sokolova and G. I. Karap
vaiko
RUSSIAN bk 283 pp.
NLL REF: 4583.9

IPST 1851

G I Karapvaiko

July 69

383,392

Classification of Winters in Athens in
the Period 1859-1949, by Photios Karapiperis,
7 pp.

GREEK, PC; Akademia Athenon, Praktika,
Vol XXV, 1950, pp 42-47.

Air Res and
Dev Command

T-127204
T-111-62-U
T-111-62-U

Scientific - Geophysics

CEB/DEK

13,624

Elimination of Pathological Conditioned-Reflex
Connections in Experimental Hypertensive States,
A. V. Napalkov, A. Ya. Karas, 12 pp.

RUSSIAN, per, Zhur Vysshey Nervnoy Deyatel,
Vol. VIII, No 3, 1947, pp 402-409. 9093745

NIH 9-14-61

171,799

Sci - Med

Jan 62

The Problem of the Individual Quantitative
Characteristic of the Activity of Unsaturated
Compounds in Copolymerization Reactions, by
S. S. Spas'kii, L. Ya. Karas, 18pp
RUSSIAN, per, Vysokomolekuljarnye Soedineniya,
Vol 5, 1961, No 4, pp 505-514
SLA TT-65-10064

L. Ya. Karas

Sci - Chem
June 67

328,958

Experience in the Control of Diphtheria in the
City of Przheval'sk, by F. R. Karas', G. N.
Klimenko, et al, 7 pp.

RUSSIAN, par, Sovet Zdravookhraneniye Kirgiz, No 3,
May-Jun 1964, pp 24-28.

JPRS: 27402

USSR

Soc

Jan 65

271,659

The Use of Synthetic Diamonds at the
"Hammer and Sickle" Plant, by L. M. Karas'

U DP
RUSSIAN, per, Mashinostroyeniye, No 5,
Sep-Oct 1964, pp 16-20.
JPHS 23985

p 4

USSR
Beon
Mar 65

270,421

MECHANIZATION AND AUTOMATION IN THE PRODUCTION
OF SMD-14 ENGINES AT THE SERP I MOLOT PLANT,
BY V. F. KRIVOKOBYL'SKIY, L. M. KARAS',
8 PP.

RUSSIAN, PER, TRAKTORI I SEL'KHOZHASHINY,
NO 11, 1962, PP 38-41.

JPRS 17467

USSR
ECON
SCI - ENGR
FEB 63

221,328

Ny-6450

Fuel Supply For the Merchant Fleet and Deep-Sea
Fishing Boats, by Zygmunt Karas, 9 pp.

POLISH, per, Handel Zagraniczny, Vol VI, No 10,
1961, pp 450-454.

JPRS12995

EEur-Poland
Econ
March 62

188, 403

March 62

Histologic and Histochemical Studies on the
Mechanism of Action of Histamin in the
Animal Body, by Waldemar Fortak, Michal Karasek,
10 pp.

POLISH, per, Archivum Dermatologiae et Therapiae
Experimentalis, Vol XII, No 1, 1964.

OTS 64-11410/1
PL-480

Sci
Jul 64

264,083

Solution of Equations of Boundary Layer at Critical
Point for Ternary Mixture, by A. B. Karasov, 16 pp.

RUSSIAN, per, Iz Aka Nauk SSSR, Otdel Tekh Nauk,
Mekh i Mash, Br. 6, 1961, pp 3-10.
9878620

~~FED-TT-62-194~~

Sci - Phys
Nov 62

216,931