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III. Title: Faint ...

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DESCRIPTORS: *Hydrogen, *Methanes,
*Formaldehyde, Ignition, Oxidation, Reaction
kinetics, Chemical equilibrium, Heat of activation.

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

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<p>DESCRIPTORS: *Soils, Classification, Moisture, Hy- drology, Salts, Erosion, USSR.</p>	<p>Office of Technical Services</p>
<p>(Agriculture--Plant Cultivation, TT, v. 6, no. 11)</p>	

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Assoc Tech Sv RJ-219
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TO ISOPRENE. [1963] 12p.
Order from K-H \$12.00 K-H 10010 a

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku].
Doklady, 1955, v. 11, no. 12, p. 811-817.

DESCRIPTORS: *Isoprene, *Pentenes, Molecular structure,
*Catalysts, *Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17269

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SLA 59-22673

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SLA R-3445

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DESCRIPTORS: *Isoprene, *Pentenes, Molecular struc-
ture, *Catalysts, Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

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<p>DESCRIPTORS: *Paleoecology, *Triatoma, *Blutmens.</p>	<p>Office of Technical Services</p>
<p>(Earth Sciences--Geology, TT, v. 6, no. 2)</p>	

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DESCRIPTORS: *Mechanisms, *Transition elements.

(Physics--Solid State, TT, v. 8, no. 10)

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DESCRIPTORS: *Rock, Mechanical properties, *Well
drilling, Drilling fluids, Clay, Density.

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depends to a considerable degree on the conditions of
occurrence of the rock and the specific gravity of the
clay suspension used. An increase in the specific grav-
ity of the clay suspension leads to a considerable de-
crease in the mechanical rate of sinking of the well and
a relatively greater degree of wear of the bit, owing to
the fact that the bit must overcome a greater degree of
(Earth Sciences--Geology, TT. v. 9, no. 3) (over)

62-16668

I. Shamsiev, A. A.

Office of Technical Services

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Cadmium and Tin in a Cd-Sn-alloy). (text in German).
Order from T. I. B. \$1.40

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1956, v. 14, no. 2, p. 103-104.

DESCRIPTORS: Diffusion, *Cadmium, *Tin, Alloys

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

62-27187

I. Akhundov, G. A.
II. Abdullaev, G. B.
III. T. I. B.
IV. Technische Informations-
bibliothek Hannover

Office of Technical Services

62-16429

Kuliev, I. P.
ON THE DESIGN OF OFFSHORE OIL-FIELD HYDRAU-
LIC STRUCTURES OF OPEN CONSTRUCTION ON
THE BASIS OF THE EFFECT OF SEA WAVES
(O Raschete Morskikh Neftepromyslovykh Gidrotekh-
nicheskikh Sooruzhenii Skvoznoi Konstruktsii na
Deistvie Morskikh Voln). [1962] [9]p. (foreign text in-
cluded) 3 refs.
Order from OTS or SLA \$1.10 62-16429

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1958, v. 14, no. 4, p. 287-290.

DESCRIPTORS: *Marine engineering, Design, Petro-
leum, Sources, *Hydraulic systems, *Structures,
Water waves.

(Mechanics--Hydraulics, IT, v. 9, no. 10)

I. Kuliev, I. P.

Office of Technical Services

Structural-Group Composition of Aviation Kerosenes
Obtained From the Thermal Cracking of Mazut, by
kk M.F. Nagiyev, L.I. Tryapina.

RUSSIAN, per Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XV, No 2, 1959, pp 119-123. CIA 9660740

ATIC MCL 608


Sci - Fuels

May 61

DC-4 wire

152,565

Investigation of a New Way of Extracting Oil, by
the "Thermo-Lift" Method, by M. F. Alizade,
E. A. Bagdaly, A. A. Rasulzade, D. M. Makhiev,
5 pp. URCL

RUSSIAN, per, Dok Ak Nauk ⁹⁴ Azerbaidzhanskoy SSR,
No 2, 1959, pp 131-134. 

LIU Tr Bul Aug 1959

Sci - Engr

Aug 59

96,608

Maximum Value of Back Pressure on Rock Strata
Having Caving Tendencies in Drilling, by A. A.
Shamsiev,

RUSSIAN, per, Dok Ak Nauk Azerbaidzhan SSR,
Vol XV, No 8, 1959, pp 681-683.

ATS 2312-RJ

Sci - Engr

Sep 60

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Determination of the Heat Capacity of Some Petrol-
eum-Base Lubricating Oils, by A. K. Abaszade,
R. A. Mustafaev.
RUSSIAN, per, Dokl Akad Nauk Azerb SSR, Vol 15,
no 9, 1959, pp 775-779.
ATS-AZ-4834

Sci
Dec 68

353,880

<p>Trivus, N. A. EQUILIBRIUM CONSTANTS OF LIGHT PARAFFINIC HYDROCARBONS AND OF CO₂ IN SYSTEM PURE GAS-PETROLEUM. 1960. 7p. 3 refs. Order from OTS or SLA \$1.10</p>	61-14957
<p>Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR, Baku. (Doklady) 1959, v. 13, no. 9, p. 781-786.</p>	I. Trivus, N. A.
<p>DESCRIPTORS: Chemical equilibrium, Hydrocarbons, Carbon dioxide, *Petroleum, Methanes, Solubility.</p>	10871-x
<p>An experimental determination was made of equilibrium constants for methane and its homologs in the system with petroleum from apsheronian deposits.</p>	Office of Technical Services
<p>(Engineering--Chemical, TT, v. 6, no. 2)</p>	

61-27332

I. Translations, New York

STUDY OF PRESSURES OF SATURATED VAPORS
OF COMPOUNDS OF THE TI-SE SYSTEM, USING
RADIOACTIVE ISOTOPES. [1961] [2]p.
Order from OTS or SLA \$1. 10

61-27332

Partial trans. (Summary) of Akad[emiya] Nauk Azerb-
[aidzhanskoi] SSR, Baku, Doklady, 1959, v. 15, no. 10,
p. 891-895

DESCRIPTORS: *Selenides, *Titanium compounds,
*Vapor pressure, Radioactive isotopes

(Chemistry--Physical, TT, v. 6, no. 9)

Office of Technical Services

The Effect of Bismuth Impurity on the Self-Diffusion of Selenium, by B. D. Aliyev, G. B. Abdullayev, RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol XV, No 10, 1959, pp 897-899.
ATS RJ-4714

Sci-Phys
Jul 67

329,143

(100-65/113).

On the Modern Glaciation of Bazar-Dyuzi, by B. A.
BUDAGOV, et al.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XVI, No 1, 1960, pp 29-32.

IGC, No 121

Sci - Geophys, Space Res
May 60

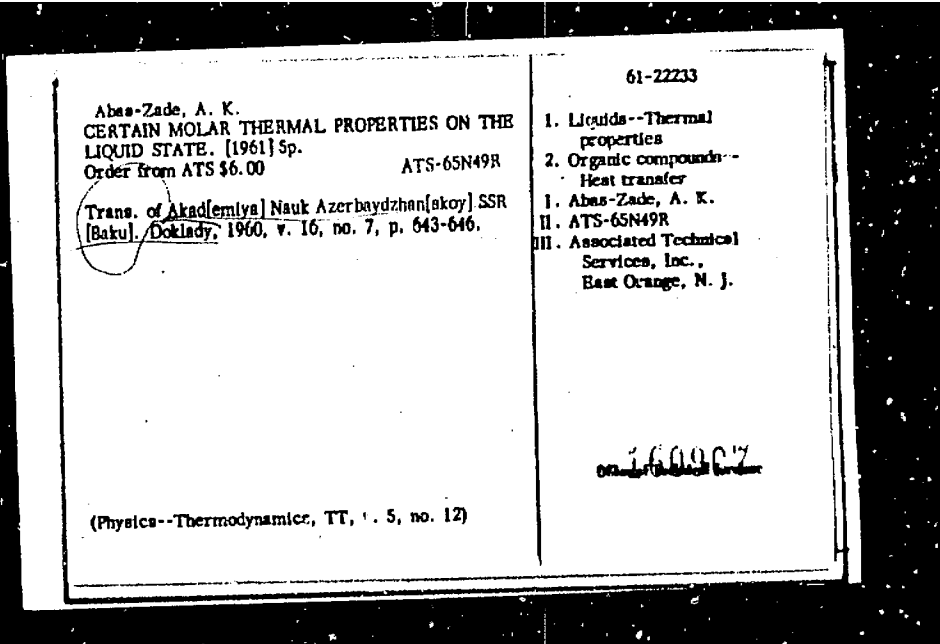
115, 984

Heat Conduction of Indium Antimonide in a
Magnetic Field, by D. Kh. Amirhanova
RUSSIAN, per, Akademiya Nauk Azerbaidzhanskoi SSR.
Doklady, Vol 16, No 2, 1960, pp 121-125
NTC 71-16523-20M

mar 72

<p>Rasizade, Ya. M. THE "WEDGE EFFECT" FOR A VISCOPLASTIC FLUID. [1961] 3p. Order from ATS \$6.00 ATS-59M46R</p>	<p>61-22248</p> <ol style="list-style-type: none">1. Fluid flow--Viscosity2. Title: Wedge effect <ol style="list-style-type: none">I. Rasizade, Ya. M.II. ATS-59M46RIII. Associated Technical Services, Inc., East Orange, N. J.
<p>Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR [Baku] Doklady, 1960 [v. 16] no. 5, p. 443-445.</p>	<p>160914</p>
<p>(Mechanics--Hydrodynamics, TT, v. 5, no. 12)</p>	<p>Office of Technical Services</p>

<p>Dzhallilov, K. 'I, and Gulamov, Kh. A. UNSTEADY-STATE FLOW OF LIQUIDS AND GASES TO WELLS PARTIALLY PENETRATING NONHOMO- GENEOUS FORMATIONS. [1961] 6p. Order from ATS \$6.75</p>	<p>61-22220</p> <ol style="list-style-type: none">I. Fluid flow--Physical factors2. Gas flow--Physical factorsI. Dzhallilov, K. N.II. Gulamov, Kh. A.III. ATS-60M46RIV. Associated Technical Services, Inc., East Orange, N. J.
<p>Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR [Baku], Doklady, 1960, v. 16, no. 5, p. 447-451.</p>	<p>160901</p>
<p>(Materials--Fuels, TT, v. 5, no. 12)</p>	<p>Office of Technical Services</p>



<p>Mekhtiyev, S. D. and Guseynov, M. G. TRANSFORMATION OF XYLENES INTO DINITRILES OF PHTHALIC ACIDS. [1961] 4p. Order from ATS \$5.45 ATS-23N49R</p> <p>Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR [Baku], Doklady, 1960, v. 16, no. 7, p. 655-658.</p>	<p>61-22239</p> <ol style="list-style-type: none">1. Xylenes--Chemical reactions2. Cyanides--Synthesis3. Phthalic acids--Synthesis <ol style="list-style-type: none">I. Mekhtiyev, S. D.II. Guseynov, M. G.III. ATS-23N49RIV. Associated Technical Services, Inc., East Orange, N. J. <p>ATS-RJ-2930 160906</p> <p>Office of Technical Services</p>
<p>(Chemistry--Organic, TT, v. 5, no. 12)</p>	

63-19049

I. Kalantarov, M. I.

Kalantarov, M. I.
USE OF IMPULSES OF HIGH TENSION IN
COTTON BREEDING. [1963] [5]p.
Order from OTS or SLA \$1.10 63-19049

Trans. of [Akademiya Nauk Azerbaidzhanskoi SSR,
Baku, [Doklady] 1961, v. 17, no. 1, p. 25-29.

DESCRIPTORS: *Cotton, *Seeds, *Electromagnetic
pulses, Electric potential, Growth.

It is shown that treatment of seed of cotton strain
1298 by high voltage impulses improves the quality
of fiber and raises yields and the percentage of
fiber in the cotton-wool.

(Agriculture--Plant Cultivation, TT, v. 10, no. 7)

Office of Technical Services

(SP-1879)

The New Herbicide "Etnerone-66), by
V. P. Volobuyev, 5 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy
SSR, Vol XVII, No 4, 1961, pp 331-334.

JPRS 15472

Sci - Chem

192,417

Apr 62

62-12125

Nagiev, M. F., Karamzin, P. V., and Stefanskaya,
T. G.
DEVELOPMENT OF THE THEORY OF RECIRCULATION PROCESSES IN CHEMICAL TECHNOLOGY.
[1961] 8p.
Order from ATS \$8.85

ATS-66N56R

Trans. of Akademiya Nauk Azerbaidzhan[skoi] SSR
[Baku]. Doklady 1961, v. 17, no. 6, p. 471-477.

DESCRIPTORS: *Chemistry, Theory.

RJ-3301

(Chemistry, TT, v. 7, no. 5)

1. Title: Recirculation processes
- I. Nagiev, M. F.
- II. Karamzin, P. V.
- III. Stefanskaya, T. G.
- IV. ATS-66N56R
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

62-17259

Kerimov, Z. G.
LONGITUDINAL OSCILLATIONS IN COLUMNS OF
DRILL PIPE. [1962] 4p.
Order from ATS \$5.95

ATS-67-8426

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR
[Baku]. Doklady, 1961, v. 17, no. 5, p. 671-675.

DESCRIPTORS: *Drille, *Pipe, Oscillation,
Vibration.

I. Kerimov, Z. G.
II. ATS-67-8426
III. Assessment Technical
Services, Inc., East
Orange, N. J.

ATS-67-8426

(Mechanics, TT, v. 8, no. 2)

Office of Technical Services

62-17291

Feizullaev, E. A.
THE EFFECTIVENESS OF NAFTALAN PETRO-
LEUM TREATMENT OF CHILDREN WITH SE-
QUELAE OF ACUTE SPINAL POLYOMYELITIS.
[1962] 3p.
Order from ATS \$6.00

ATS-20P59R

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi]
SSR [Baku], Doklady, 1961, v. 17, no. 8, p. 745-748.

DESCRIPTORS: *Drugs. Therapy. *Polio-myelitis.
*Ointments

- I. Title: Naphthalan ointment
- II. Feizullaev, E. A.
- II. ATS-20P59R
- III. Associated Technical
Services, Inc. East
Orange, N. J.

Office of Technical Services

(Biological Sciences--Pharmacology, TF, v. 8, no. 3)

63-22586

Mamedaliev, Yu. G., Mamedaliev, G. M., Aliev, S. M., and Guseinov, N. I.
PREPARATION OF RING-METHYLATED STYRENES, α -METHYLSTYRENES AND VINYLISOPROPENYL-BENZENE BY HETEROGENEOUS VAPOR-PHASE ALKYLATION AND DEHYDROGENATION OF AROMATIC HYDROCARBONS IN A FLUIDIZED BED OF OXIDE CATALYSTS. [1963] 6p
Order from ATS

ATS-86Q71R

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR [Baku], [Doklady] [1963, v. 19, no. 1, p. 13-18.

DESCRIPTORS: *Styrenes, Methyl radicals, Vinyl radicals, Propenes, *Benzene derivatives, Vapors, Alkylation, Dehydrogenation, Fluidized solids, *Catalysts, Oxides.

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

1. Title: α -Methyl styrene
2. Title: Vinyl isopropenyl benzene

- I. Mamedaliev, Yu. G.
- II. Mamedaliev, G. M.
- III. Aliev, S. M.
- IV. Guseinov, N. I.
- V. ATS-86Q71R
- VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

63-12297

Bagdasaryan, S. S.
TEMPERATURE DEPENDENCE OF HEAT OF VA-
PORIZATION AND SURFACE TENSION OF LIQUIDS.
[1962] 5p.
Order from ATS \$6. 25 ATS-98P64R

Trans. of Akad[emiya] Nauk Azerb[aidzhanskoi SSR,
Baku]. Dokl[ady] 1961, v. 17, no. 9, p. 773-777.

DESCRIPTORS: Temperature, Thermodynamics, Heat,
*Vaporization, *Surface tension, *Liquids.

(Physics--Thermodynamics, TT, v. 9, no. 2)

I. Bagdasaryan, S. S.
II. ATS-98P64R
III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

S-121/64

On Determining Directions at an Epicenter
According to Love and Rayleigh Waves, by
Sh. S. Ragimov. (DC-10235)

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XIX, No 1, 1963, pp 31-32.

*JPRS

Sci - Earth Sci & Astron
Jan 64

Degradation and Thermal Aging of Polychloroprene
Rubber, by N. M. Kocharyan.
RUSSIAN, per, Doklady Akademii Nauk Armyanskoy
SSR, Vol 36, No 2, 1963, pp 83-87.
NASA TT F-11,601

Sci
Dec 68

371,087

Determination of the Dynamic "Stress-Strain"
Curve With an Inflection Point, by
K. A. Kerimov, 5 pp.
RUSSIAN, per, Dok Ak Nauk AzerbSSR,
Vol XIX, No 4, 1963, pp 11-16.
CIA/PDD X-6091

Sci - Phys
Feb 67

317,685

Peculiarities of the Attenuation of Energy From Shallow
Earthquake FOCI, by E. M. Demikhovskaya, V. P. Kuznetsov,
11 pp.
RUSSIAN, per, Dok Ak Nauk Azerbayd SSR, Vol XIX, No 4, 1963,
pp 37-41.

JPRS 23128

Sci-Ear Sci
Feb 64

248, 457

Use of Metallo-ceramic Filters in a Fluidized-
Bed Adsorption Unit, by A. M. Kulyev,
A. M. Tabatabay.
RUSSIAN, per, Dokl Ak Nauk SSSR, Vol 19,
No 8, 1963, pp 31-35.
AEC ANL-Trans-577

Sci-Materials
J1 68

357,309

The Effect of Petroleum-Base Growth Stimulant on
the Productivity of Rice, by R. S. Jamsedov.
RUSSIAN, par. Dokl Akad Nauk Azerb SSR, Vol 19,
No 11, 1963, pp 59-63.
ATS-AZ-4799

Sci
Dec 68

353,045

Cationic Polymerization of Nuclear-Methylated
Styrenes, α -Methylstyrenes and
Vinylisopropenylbenzenes in the Presence of $TiCl_4$.
by Yu. G. Mamedaliev, S. M. Aliev, et al.
RUSSIAN, per, Dok Ak Nauk Azerbaidzhanskoi SSR
Vol XX, No 1, 1964, pp21-26.
ATS-93R77R

Apr 67

323,018

The Effect of a Growth Stimulant of Petro-
leum Origin on the Growth and Development
of Chicks 30 to 60 Days Old,
by E. Yu. Musayev, 5 pp.
RUSSIAN, per, Dok Ak Nauk Azerbay SSR, Vol XX,
No 1, 1964, pp 69-73.

BTSTB2R77R

ATS-32R77R

Sci - B/M
Jul 66

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