

ABARINOV, A.A.

Fastening roof girders and wind span frame pieces to the steel
frame of the building. Rats. i izobr. predl. v stroi. no.101:
10-11 '55. (MLRA 8:10)

(Building, Iron and steel)

Handwritten notes at top of page, possibly "Mechanism of..."

PLAN I BOOK REFERENCE: 27/302

Mechanism of metal sheets (Gardner, A. L., Engineer)

Mechanism of metal sheets (Gardner, A. L., Engineer)

Mechanism of metal sheets (Gardner, A. L., Engineer)

Mechanism of metal sheets (Gardner, A. L., Engineer)

MECHANISM AND AUTOMATION OF WELDING

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Card 0/13

ABARINOV, A.A., inzh.

Demountable aluminum-alloy storehouses. Prom. stroi. 38 no.10:15-20
'60. (MIRA 13:9)
(Buildings, Prefabricated) (Aluminum alloys)

ABARINOV, A.A., prof.; MAKSIMOV, Yu.V., assistant

Multipurpose metal forms for making precast concrete columns for
one-story industrial buildings. Sbor. trud. Inzh.-stroi. fak. Chel.
politekh. inst. no.3:127-136 '63. (MIRA 17:9)

ABARINOV, Andrey Andreyevich, prof.; PETROV, Vasilii Petrovich,
inzh.; ROZHKOV, Yevgeniy Yegorovich, inzh.; CHESNOKOV,
A.S., kand. tekhn. nauk, nauchnyy red.; SHIROKOVA, G.M.,
red. izd-va; MIKHEYEV, A.A., tekhn. red.

[Technology of manufacturing the elements of steel structures]
Tekhnologiya izgotovleniya stal'nykh konstruktsii. Moskva,
Gostroiizdat, 1963. 306 p. (MIRA 16:7)
(Building, Iron and steel)

ABARINOV, A.S., Prof.; SEMENOV, A.V., Inzh.; CHERNOVA, M.I., Inzh.

Preparing elements of sheet steel spherical structures. Proc. steel.
42 no.10:24-26 0 '64. (MIRA 17:11)

BEREZKIN, P.N., red.; ABARINOV, A.A., prof., retsenzent; YES'KOV,
K.A., dots., retsenzent; FILIMONOV, A.N., inzh.,
retsenzent

[Mechanization and automation in welding; practices of Ural
plants] Mekhanizatsiia i avtomatizatsiia svarochnogo proiz-
vodstva; opyt ural'skikh zavodov. Moskva, Mashinostroenie,
1965. 155 p. (MIRA 18:6)

1. Sektsiya svarki Chelyabinskogo nauchno-tekhnicheskogo
obshchestva mashino-stroitel'noy promyshlennosti (for Yes'kov).

ABARINOV, A.A., prof.

Modern technology in the manufacture of steel structures.
Mat. po met. konstr. no.9:98-116 '65. (MIRA 18:11)

ABARINOV, A.A., prof.; CHERNOVA, M.P., inzh.

Mechanical and technological properties of 10G2G1 sheet
steel. Prom. stroi. 43 no.10:32-34 '65. (MIRA 18:11)

ABARINOV, I.Ya.

Equipping an electric engineering study room. Uch.zap.Penz.gos.-
ped.inst. no.7:108-121 '62. (MIRA 16:7)
(Electric engineering--Study and teaching)

ABARINOV, I.Ya.

Physics examinations in the tenth grade. Fiz. v shkole 23 no.3:
98-99 My-Je '63. (MIRA 16:12)

1. 53-ya srednyaya shkola, Penza.

ABARINOV, M.F., geodesist.

Pegging out lines in mechanized earthwork. Transp.strei. 6 no.3:
19-20 Mr '56. (Earthwork) (MIRA 9:7)

104 52-00 ENT: 1 // LPR/ EWA(D) / EWA(M) -2 PS-4 Feb AMX(b) / APT(N) p1 WW

ANALYSIS: Ye

US: 104 52-00 ENT: 1 // LPR/ EWA(D) / EWA(M) -2 PS-4 Feb AMX(b) / APT(N) p1 WW

TOPIC TAGS: flow meter, electromagnetic flow meter

ABSTRACT: An electromagnetic flow meter with a special automatic rectangular-

the second signal U_2 and U_3 are the compensating quadrature voltages. U_1 -

ABSTRACT: An electromagnetic flow meter with a special automatic rectangular-

Card 1/3

ACCESSION NR: AF4048296

... ..

SUBMITTED: 20Dec63

ENGL: 01

SUB CODE: IF

NO REF SOV: 000

OTHER: 000

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1. 01063-67

ACC NR: AP6015573 (N)

SOURCE CODE: UR/0146/66/009/002/0021/0025

AUTHOR: Abarinov, Ye. G.

ORG: Azerbaydzhan Institute of Petroleum and Chemistry im. M. Azizbekov
(Azerbaydzhanskiy institut nefti i khimii)

TITLE: Preventing leakage currents in the balance circuit of a self-compensated electromagnetic ~~flowmeter~~⁰

SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 2, 1966, 21-25

TOPIC TAGS: flow meter, electromagnetic ~~flowmeter~~ *property*

ABSTRACT: The use of an automatic rectangular-coordinate a-c compensator as a receiver in an electromagnetic flowmeter has promised higher (than 1.5-2.5%) accuracy of the instrument. However, the noise caused by stray-capacitance couplings between the balance circuit and the power supply has been an obstacle. These techniques are recommended for reducing the above noise ("leakage currents"): (a) reducing the spurious couplings; (b) reducing voltages across the noise-causing capacitors (up to an equipotential protection); (c) conveying the leakage currents away

Card 1/2

UDC: 621.316.95:621.317.727.2

L 01063-67

ACC NR: AP6015573

from sensitive parts of the circuit; (d) balancing the leakage-current effects;
(e) increasing the working currents in the compensating circuits. Two "protective"
circuits are suggested which are based on combinations of the above techniques.
Orig. art. has: .3 figures and 2 formulas.

SUB CODE: 13, 09 / SUBM DATE: 08Mar65 / ORIG REF: 008

Card 2/2 vlr

BELETSKIY, Vladimir Vasil'yevich; ABASHEVA, D.A., red.

[Motion of an artificial satellite relative to the center
of mass] Dvizhenie iskusstvennogo sputnika otnositel'no
tsentra mass. Moskva, Nauka, 1965. 416 p. (MIRA 19:1)

ABASHIN, V.P.

Method for sampling one of the pyrite deposits in the Northern
Caucasus. Uch. zap. MOP: 124:335-336 '63.

(MIRA 18:6)

"APPROVED FOR RELEASE: 04/03/2001

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GOLUBEV, I.F.; AGAYEV, N.A.; ABAS-ZADE, A.A., prof., red.;
RASHEVSKAYA, T., red.

[Viscosity of saturated hydrocarbons] Viazkost' predel'-
nykh uglevodorodov. Baku, Azerbaidzhanskoe gos. izd-vo,
1964. 159 p. (MIRA 17:12)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR
(for Abas-Zade).

ABAS-ZADE, A. K.

Thesis State U.

180 гд. (Горный вид. инт.).
 Заг. 1954, 23.

783. Зюбков, С. В. *Степная фауна*.
 Изучение фауны степей восточной части
 1941, 136 с. (Ильм. А. И.).
 Заг. 1942, 26А.

784. Абас-Задэ Абис Кули
 Ага Бек-Угли. Исследования по
 фауне и флоре восточной части
 Кавказского моря. Вост. 1940, 87 с.
 [Ильм. А. И.].

785. Бартоломей Язе Феоде-
 рович. К вопросу о точности запер-
 тия атмосферного кислорода в германизо-
 мит. 1954, 135 с.
 Заг. 1955, 21А.

786. Враскай Станас Борсо-
 вич. Метод составления прогноза осе-
 длой популяции группы под действием
 пролонгированной нагрузки с учетом ин-
 тенсивности его репродукции. 1943,
 153 с. (Ильм. А. И.).
 Заг. 1943, 20.7.

787. Габуня Вахтанг Параво-
 зович. Изучение восточного моря
 в связи с изучением фауны и флоры
 восточной части Кавказского моря. 1954,
 40 с., 7 л. фот., 48 ил. (Ильм. А. И.).
 Заг. 1955, 28.4.

788. Гусев Михаил Валенти-
 нович. Фауна и флора восточной части
 Кавказского моря. 1948, 119 с. (Ильм. А. И.).
 Заг. 1951, III.

789. Гусев Сергей Уаисови-
 чич. Предварительные сведения о
 фауне восточной части Кавказского
 моря. Вост. 1941, 136 с. (Ильм. А. И.).
 Заг. 1945, 211.

790. Казанская Анна Алек-
 сандровна. Изучение фауны восточной
 части Кавказского моря. Вост. 1941,
 136 с. (Ильм. А. И.).
 Заг. 1942, 26А.

791. Александров Василий Пав-
 лович. О лимонном отравлении группы
 летящих насекомых. 1946,
 Заг. 1947, 21.1.

792. Мадар-Задэ Абабас Аб-
 ис Кули Огли. Широкое море Кас-
 пия. 1945, 123 с., с рис., 7 ил. (Ильм. А. И.).
 Заг. 1946, 20.1.

793. Магаришвили Григорий Дми-
 триевич. Нормы и методы количествен-
 ной инвентаризации амфибий степей Кав-
 кaza. 1955, 47 с., 50 ил.
 Заг. 1956, 24.1.

794. Магаришвили Валерия
 Сильвестровна. Некоторые резуль-
 таты исследования животного мира Кав-
 казского побережья. 1954, 96 (8) с.
 (Ильм. А. И.).
 Заг. 1954, 24.4.

795. Мурумудзе Георгий Ва-
 лентинович. Очерк фауны восточной
 части Кавказского моря. 1954, 106 (8) с.
 (Ильм. А. И.).
 Заг. 1955, 17.4.

796. Павлова Сера Клеоп-
 тра Ивановна. Аграрно-зоологические
 проблемы восточной части Кавказского
 моря. 1948, 119 с. (Ильм. А. И.).
 Заг. 1951, III.

Dissertation for degree of
Candidate Physio-Mathematical Sciences

2A ABAS-ZADE, A.K.

2

Measurement of the heat conductivity of liquids and vapors at high temperatures and pressures. A. K. Abas-Zade. Doklady Akad. Nauk Azerbaidzhan. S.S.R. 8, No. 1, 3-7 (1947).—An app. is described permitting accurate measurements by the hot-wire method, thanks to rigorous centering of the Pt wire and elimination of the end effect through the use of tubes of different lengths, and usable at temps. up to 400° and pressures up to 200 atm. The app. was tested by detms. of the heat cond. λ of air. New detms. are: C_2H_6 , 30°, 1 atm., 10° λ = 336 cal./cm. sec. degree; 30°, 9.8 atm., 312; 71°, 39.8 atm., 294; toluene (under 1 atm.), 10°, 380; 30°, 376; 60°, 351; 70°, 336. N. Thon

ABASZADE, A. K.

Abaszade, A. K. - "Heat conductivity and temperature conductivity of certain liquids", (In index as A. G. Abaszade), Izvestiya Akad. nauk Azerbaydzh. SSR, 1948, No. 10, p. 1-10, (In Azerbaijani, resume in Russian), - Bibliog: 15 items.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 8, 1949).

ABASZADE, A. K.

Adaszade, A. K. - "Heat conductivity of benzene at high temperatures and pressures, including the critical region," Doklady (Akad. nauk Azerbaydzh. SSR), 1949, No. 1, p. 8-12 --- summary in Azerbaydzhani --- Bibliog: 14 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statoy, No. 13, 1949)

ABAS-ZADE, A. K.

PA 12, 1948

USSR/Physics
Conductivity, Thermal
Fluids

Jun 49

"Some Considerations on the Thermal Conductivity
of Fluids," A. K. Abas-Zade, Azerbaydzhan Pedagogic
Inst imeni V. I. Lenin, Baku, 7 pp

"Zhur Fiz Khim" Vol XXIII, No 6

Uses Weber's Bridgeman's Cardex', and Borouk's
formulas to obtain thermal conductivity of several
liquids, among them benzene, toluene, acetane,
hexane, octane, ethyl bromide, etc. Submitted
5 Feb 48

52/49T98

ABAS-ZADE, A. I.

Submitted by Acad. S

150763

USSR/Physics - Conductivity, Thermal 1 Oct 49

PA 150763
"A Study of the Heat Conductivity of Certain Organic Compounds in the Critical Region,"
A. K. Abas-Zade, Inst of Physicmath, Acad Sci Azerbaydzhan SSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXVIII, No 4

Tables and Graphs show thermal conductivity versus temperature for liquid and vaporous states (saturated and unsaturated) of benzol, toluol and m-xylo1 (xylene), the conductivity varying roughly between $200 \cdot 10^{-7}$ and $1,000 \cdot 10^{-7}$ cal/cm.sec.OC. Simlar table for the case of

USSR/Physics - Conductivity, Thermal 1 Oct 49
150763
(Contd)

pressures at 1 and for critical pressures (48, 42.5, 38 at for benzol, toluol, xylo1, respectively). Author's theoretical results confirm experimental results of V. Mozdrev in his study on the speed of ultra sound in organic liquids in the critical region ("Dok Ak Nauk SSSR" Vol LXIII, No 3, 1948) and observations by P. V. Bridgman on the coefficient of thermal conductivity and its relation to the speed of sound. Submitted by Acad. S. I. Vavilov 28 Jul 49.

ABAS-ZADE, A. K.

"Law of Thermoconductivity in Liquids and Vapors," Zhur. eksper. i teor. fiz.,
23, No. 1, 1952

MIRA Dec 1952

ABAS-ZADE, A. K.

USSR/Physics - Specific-heat conductivity

Card 1/1 Pub. 22 - 11/40

Authors : Abas-zade, A. K.

Title : Studying specific-heat conductivities of some liquids and their vapors at critical temperatures

Periodical : Dok. AN SSSR 99/2, 227-230, Nov 11, 1954

Abstract : An experimental study of the specific-heat conductivity of various liquids and their vapors at the critical temperatures is described. The hot-wire and coaxial-container methods were used for the experiments. Results of the experiments are given in the table (for liquids) and in the form of graphs - for the vapors. The experiments were conducted with the following substances: acetone, ethyl alcohol and ether, and methyl alcohol. Twenty-one references; 19-USSR (1934-1954). Table; graphs.

Institution : Azerbaifan State Pedagogical Institute im. V. I. Lenin

Presented by: Academician V. V. Shuleikin, May 13, 1954

ABAS-ZADA, A.K

USSR/Physical Chemistry - Liquids and Amorphous Bodies. Gases, B-6

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 60965

Author: Abas-Zada, A. K.

Institution: None

Title: Coefficient of Expansion of Liquids and the Mendeleev Modulus

Original

Periodical: Azerb. devlet. ped. inst. eseri, Tr. Azerb. gos. ped. in-ta, 1955, 2, 43-56

Abstract: On comparing the formula of Mendeleev $v_t = v_0(1 + kt/n)^n$ wherein v is specific volume, t -- temperature and n a constant characteristic of the given substance (Modulus of Mendeleev) with other contributions concerning the behavior of liquid at different temperatures the author derives correlations between the coefficient of expansion, coefficient of compressibility and density of the liquid and also between the modulus of Mendeleev and the coefficient of expansion which holds within a wide range of temperature. From this correlation follow as particular instances certain other formulas

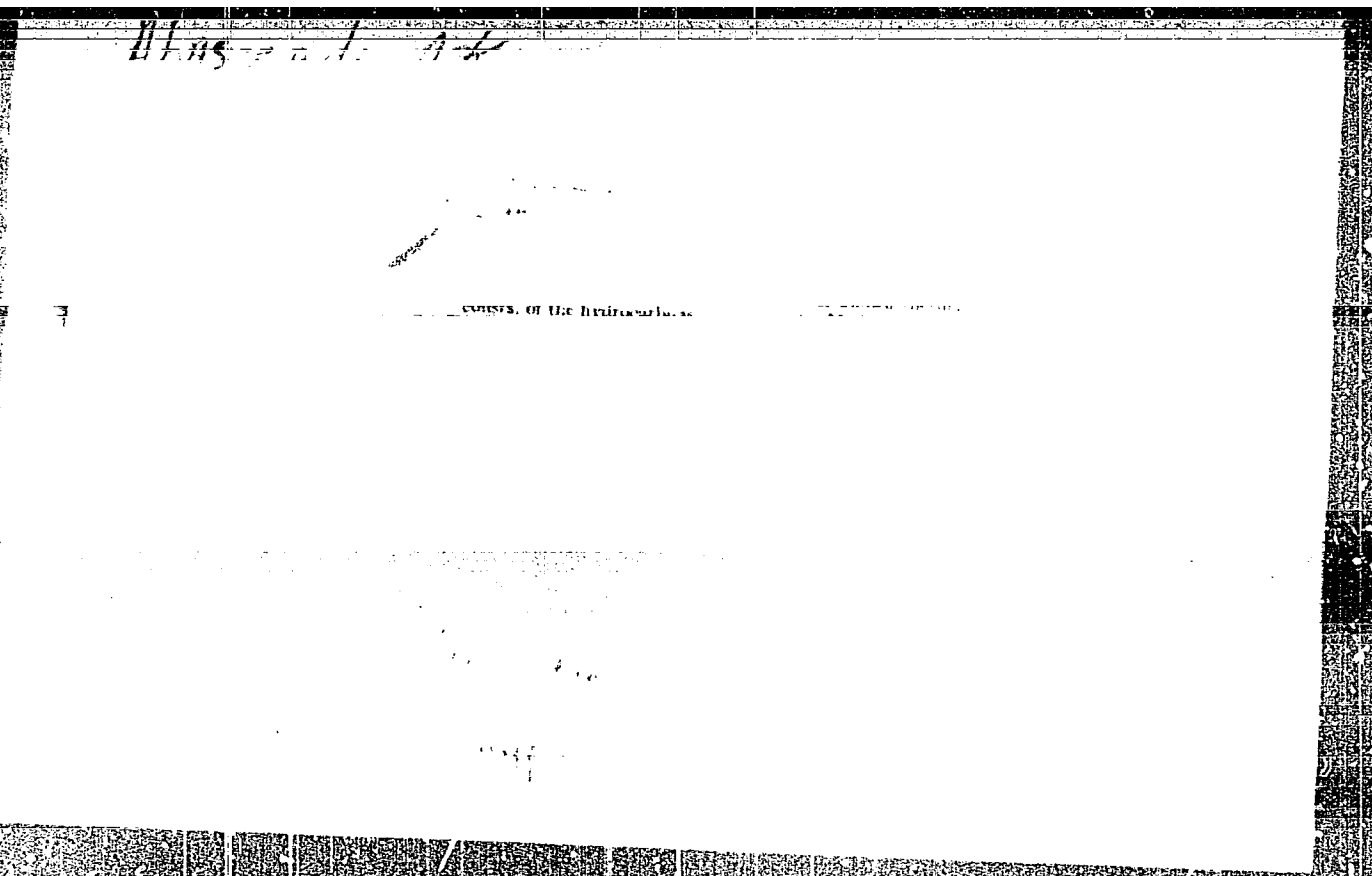
Card 1/2

USSR/Physical Chemistry - Liquids and Amorphous Bodies. Gases, B-6

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 60965

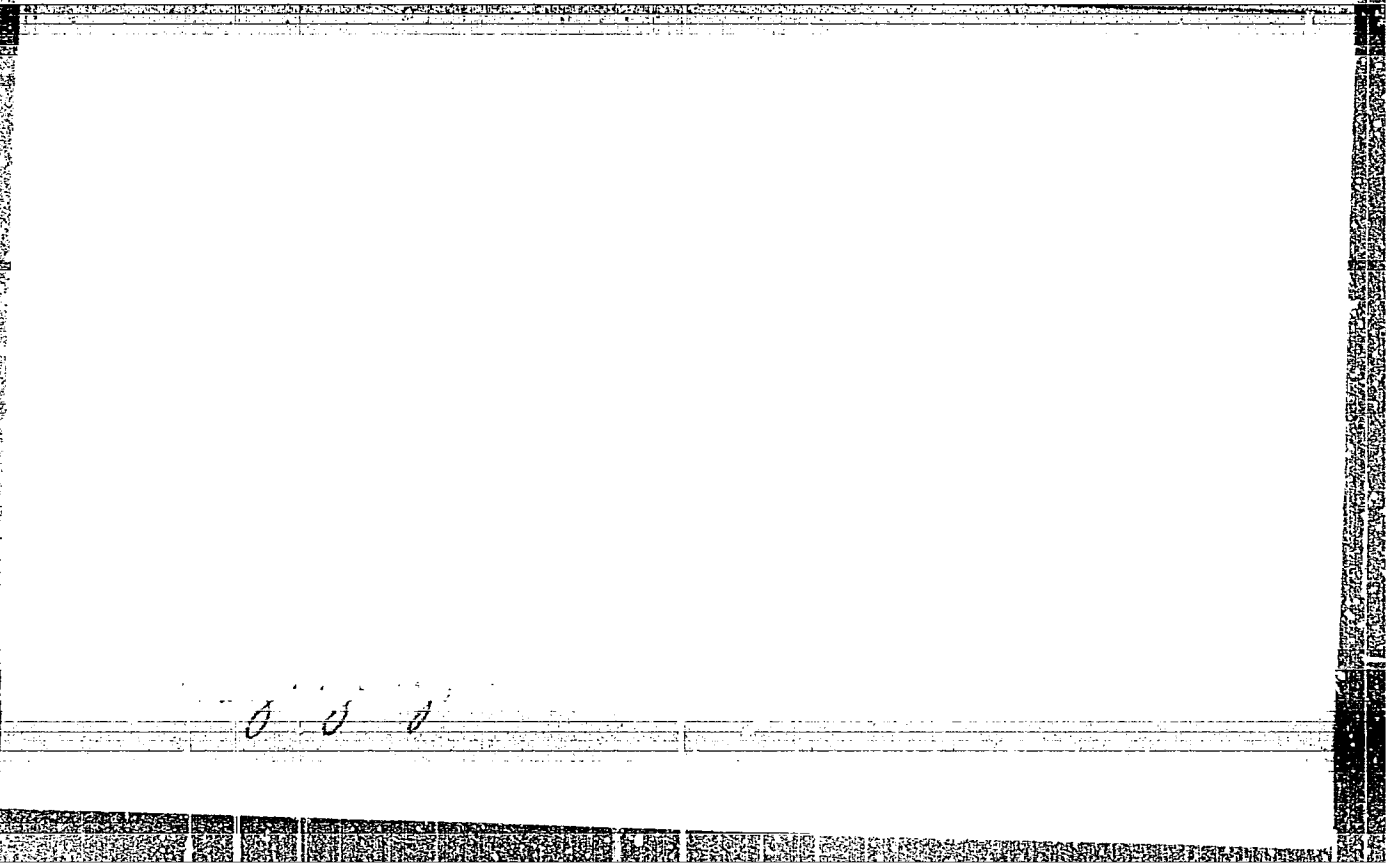
Abstract: which have been previously proposed. On the basis of experimental literature data the correctness of the proposed formulas is shown for certain aromatic hydrocarbons (benzene, toluene, m-xylene, p-propylbenzene and cymene) and mercury.

Card 2/2



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CIA-RDP86-00513R000100110008-0"

110013 - ZPDE, P. K.

ABAS-ZADE, A.A.; AMIRASLANOV, A.N.

Thermal conductivity of some lower alcohols along their saturation curves (with summary in English). Zhur.fiz.khim.31 no.7:1459-1467 J1 '57. (MIRA 10:12)

1. Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut im. V.I.Lenina, Baku. (Heat--Conduction) (Alcohol)

ABAS-ZADE, A.K.: AKHUNDOV, S.K.

Determining thermal properties of some Azerbaijanian building
materials. Dokl.AN Azerb.SSR 15 no.6:463-466 '59.

(MIRA 12:?)

(Building materials--Thermal properties)

ABASZADE, A.K.; MUSTAFAYEV, R.A.

Heat capacity of some petroleum oils. Dokl. AN Azerb. SSR 15
no.9:775-779 '59. (MIRA 13:2)

(Mineral oils--Thermal properties)

11.9100

S/081/61/000/003/011/019
A166/A129

AUTHORS: Abas-Zade, A. K., Mustafayev, R. A.

TITLE: The heat conductivity of some petroleum oils

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1961, 476, abstract 3M247.
(Azerb. neft. teserrufaty. Azerb. neft. kh-vo, 1960, no. 2, 31 - 33)

TEXT: The cylindrical bicalorimeter method was used to study the heat conductivity-temperature relationship of 10 types of various-purpose petroleum oils in a range of 0 - 120°C. The heat conductivity of the oils tested decreased as the temperature rose, and its relationship to temperature in the 0 - 120°C range was rectilinear. Comparison of the experimental findings with the results of heat conductivity factor calculations according to the formula $\lambda = BS^{4/3}$, where S is the density of the oil, showed that this formula can be used for calculating the heat conductivity-temperature relationship of oils.

Summary by B. Englin

[Abstracter's note: Complete translation]

Card 1/1

/B

S/081/61/000/019/062/085
B117/B110

AUTHORS: Abas-zade, A. K., Pashayev, P. A.

TITLE: Dearomatization of some petroleum fractions and study of their surface tension

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 418 - 419, abstract 19M131 (Tr. Azerb. gos. ped. in-ta, v. 12, 1960, 18 - 23)


TEXT: Fractions with boiling intervals of 10°C of Surakhany selected oil and Balakhany heavy oil were dearomatized with 98.9% H₂SO₄. Surface tensions of the fractions obtained were determined according to Rebinder before and after sulfiding, the content of aromatics was determined according to Kattwinkel and by measuring the specific gravities, refractions and aniline points. It was shown that the fractions mainly consist of naphthenes and paraffins, and that their contents of aromatic hydrocarbons increase as the boiling point is elevated. Dearomatization of the fractions studied causes a depression in the surface tension. This is in close relation with the composition change, and with the orientation

Card 1/2

Dearomatization of some...

S/081/61/000/019/062/085
B117/B110

of surface molecules. After removal of aromatic hydrocarbons, their molecules in the surface layer are replaced by molecules of another kind. This changes the forces of intermolecular interaction. [Abstracter's note: Complete translation.]



Card 2/2

S/058/61/000/011/012/025
A058/A101

AUTHORS: Abas-Zade, A.K., Bagdasaryan, S.S.

TITLE: Contribution to theory of liquid structure

PERIODICAL: Referativnyy zhurnal. Fizika, no. 11, 1961, 169, abstract 11D22 ("Tr. Az. rb. gos. ped. in-ta;" 1960, no. 12, 3 - 17, Azerb. summary)

TEXT: It is assumed that liquids consist of "statistical groups" and "free" molecules. Consideration is given to qualitative explanation of the following phenomena: evaporation and boiling, solidification and melting, surface tension etc.

[Abstracter's note: Complete translation]

Card 1/1

ABAS-ZADE, A.K.

Some molecular heat properties of the liquid state. Dokl. AN Azerb.
SSR 16 no.7:647-646 '60. (MIRA 13:9)

1. Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut im.
V.I. Lenina.
(Heat capacity) (Liquids--Thermal properties)

ABASZADE, A.G.^K; AKHVERDIYEV, B.A.; AMIRASLANOV, A.M.; BAGIRZADE, M.M.

Studying the thermomolecular properties of certain esterans.
Dokl.AN Azerb.SSR 16 no.9:837-840 '60. (MIRA13:12)

1. Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut.
(Liquids--Thermal properties) (Viscosity)

ABAS-ZADE, A.K.; MUSTAFAYEV, R.A.

Heat conductivity of some petroleum oils. Azerb. neft. khoz.
39 no.2:31-32 F '60. (MIRA 14:8)

(Heat-Conduction)
(Mineral oils)

ABAS-ZADE, A.K.; GYLMANOV, A.A.

Theory of the two point method for regular thermal conditions
of a three-component sphere and plate. Dokl. AN Azerb. SSR
17 no.6:451-456 '61. (MIRA 14:8)

1. Azerbaydzanskiy gosudarstvennyy pedagogicheskiy institut
imeni V.I. Lenina.
(Insulation (Heat))

ABASZADE, A.K.; AMIRASLANOV, A.M.; AKHVERDIYEV, B.A.; BAGIRZADE, M.M.

Investigating the thermal molecular properties of some new ether
preparations. Dokl.AN Azerb.SSR 17 no.11:1017-1022 '61.

(MIRA 15:2)

(Ethers---Thermal properties)

11.1210

L0787

S/249/62/018/004/002/003
1040/1240

AUTHORS: Abas-Zade, A. K. and Akhmedov, A. G.

TITLE: Heat capacities of some paraffin hydrocarbons in the liquid state

PERIODICAL: Akademiya nauk Azerbaydzhanskoy SSR. Doklady, v. 18, no. 4, 1962, 15-18

TEXT: A relatively simple and accurate microcalorimetric method is described for measuring heat capacity and its variation with temperature. Some of the advantages are thermostating by air, rapid determination (30-53M its variation with temperature. Some of the advantages are thermostating by air, rapid determination (30-35 min), determination of the temperature dependence in a single experiment. The equipment consists of one solid and one hollow calorimeter 60 mm in height and 20 mm in diameter. Heat capacity is calculated according to the equation

$$C = \frac{\Psi_x}{P} \left(\frac{m_N}{m_x} \cdot C_N - C' \right) , \quad (1)$$

where Ψ_x is a function characterizing the nonuniformity of the temperature distribution in the sample which for liquids assumes the value of 1; P is the weight of the substance; m_N and m_x are the cooling rates of the normal calorimeters; C_N and C' are the heat capacities of the normal and hollow calorimeters. The cooling rates are calculated according to the formula:

Card 1/2

Heat capacities of some paraffin hydrocarbons in the liquid state

S/249/62/018/004/002/003
1040/1240

$$m = \frac{I_n N_2 - I_n N_1}{\tau_2 - \tau_1} \quad (2)$$

[Abstracter's note: N_1 , N_2 , τ_1 , and τ_2 not defined.] These rates are also used for calculating the temperature dependence of heat capacity. It was found that above 30° m_N is independent of temperature so that its value needs to be determined only once. The accuracy of the apparatus was checked with the aid of standard liquids and found to be 2-4%. Heat capacities of several liquid straight-chain paraffin hydrocarbons were measured at 20° intervals. On the basis of the resulting data the formula

$$C_{n,t} = C_{s,t} + 8(n - 5)$$

is proposed, where $C_{n,t}$ is the molar heat capacity at temperature t for a straight-chain liquid containing n carbon atoms. There are 2 tables.

ASSOCIATION: API im. V.I. Lenin

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Describes calcul of aqueduct by Prof V. Z. Ulasov's method based on assumptions: longitudinal, bending and torsional moments equal zero, shear deformation of inner surface is zero, shell is considered nondeformable in transverse direction. Last assumption was accepted due to

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USSR/Engineering - Hydraulics, Nov 51
Structures
(Contd)

Introduction of rigid ribs as structural members. Design shows 40% conservation of concrete and reinforcement materials compared with ordinary covered type.

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