

ALEKIN, O.A.; BRAZHNIKOVA, L.V.

Methods of calculating ion flow. *Gidrokhim. mat.* 35:135-148 '63.
(MIRA 16:7)

1. *Gidrokhimicheskii institut, Novochoerkassk.*
(Water--Composition) (Ions)

ALEKIN, O. A.; BRAZHNIKOVA, L. V.

Several regularities connecting the ionic runoff with the runoff
of suspended silt. Izv.Vses.geog.ob-va 96 no. 2:115-123 Mr-Ap
'64. (MIRA 17:5)

ZENIN, Aleksev Artemovich; ALEKIN, C.A., otv. red.; MIROMENKO, Z.I..
red.

[Hydrochemistry of the Volga and its reservoirs] Gidro-
khimiia Volgi i ee vodokhranilishch. Leningrad, Gidro-
meteoizdat, 1965. 258 p. (MIRA 19:1)

1. Chlen-korrespondent AN SSSR (for Alekin).

ALEKIN, Oleg Aleksandrovich; BRAZHNIKOVA, Lidiya Valerianovna;
DRAGUNOV, E.S., red.

[Runoff of dissolved solids in the U.S.S.R.] Stok
rastvorenykh veshchestv s territorii SSSR. Moskva,
Nauka, 1964. 143 p. (MIRA 17:9)

ALEKIN, O.A.; BRAZHNIKOVA, L.V.; YAKUSHEVA, A.S.

Studying ionic runoff of arid basins based on the example of the
Sal River. Gidrokhim. mat 37:30-41 '64. (MIRA 18:4)

1. Gidrokhimicheskiy institut Glavnogo upravleniya gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR, Novochoerkassk.

ALEKIN, O.A.; MORICHEVA, N.P.

Factors disturbing the super saturation of solutions of calcium carbonate. *Gidrokhim. mat.* 37:42-48 '64. (MIRA 18:4)

1. *Gidrokhimicheskiy institut Glavnogo upravleniya gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR, Novocherkassk.*

ALEKIN, O.A.; BRAZHNIKOVA, L.V.

Significance of the process of weathering of rocks for the
mineralization of surface waters. Gidrokhim. mat. 37:99-108
'64. (MIRA 18:4)

1. Gidrokhimicheskiy institut Glavnogo upravleniya gidrometeoro-
logicheskoy sluzhby pri Sovete Ministrov SSSR, Novocherkassk.

35256

S/046/62/008/001/001/018
B139/B102

24,1500

AUTHORS: Alekin, R. O., Klaas, Yu. A., Chistovich, L. A.

TITLE: Reaction delay between hearing and writing down of vowels

PERIODICAL: Akusticheskiy zhurnal, v. 8, no. 1, 1962, 26 - 33

TEXT: To analyze the reaction delay between hearing and writing down of vowels, two test persons wrote down 900 natural vowels each, and 1260 vowels each which were shortened by a relay to 15, 50, and 100 milliseconds, the process of writing being recorded by means of an oscilloscope. To be able to select the corresponding phoneme for each sound in fluent speech, the sounds must not follow each other faster than every 300 - 400 milliseconds; for fluent speech, this time equals 100 - 200 milliseconds. The authors calculated that the average time required for selecting a phonetic symbol was 55 milliseconds. They also ascertained that the reaction time for writing did not depend on the sound duration of the vowel. To determine a systematic correlation between the characteristic properties of a signal and the time required for its identification, histograms of the time required for identifying the individual vowels were studied. The statis-
Card 1/3

Reaction delay between hearing ...

S/046/62/008/001/001/018
B139/B102

Sci. 1960, 17, 65, 21 - 26; R. Ahmend, R. Fatehchand. Effect of simple duration on the articulation of sounds in normal and clipped speech. J. Acoust. Soc. America, 1959, 31, 7, 1022 - 1029.

ASSOCIATION: Institut fiziologii im. I. P. Pavlova AN SSSR Leningrad
(Institute of Physiology imeni I. P. Pavlov AS USSR,
Leningrad)

SUBMITTED: March 15, 1961

Card 3/3

S/044/62/000/006/126/127.
B160/B102

AUTHORS: Chistovich, L. A., Kluas, Yu. A., Alekin, R. O.

TITLE: Significance of imitation for recognition of sound sequences

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 85, abstract 6V466 (Vopr. psikhologii, no. 5, 1961, 173-182)

TEXT: One of the stages in the process of recognition of speech by man was studied - the conversion of speech sounds into their articulated forms by imitating sound sequences when recognized. Three-letter sequences were formed by shuffling three vowel sounds (a, e, u) or three tone signals of different frequencies. The amount of information taken in by the subject was estimated by J. Miller and P. Nicely's method. It was experimentally proved that: (1) fast sequences of vowels are recognized considerably better than fast sequences of tones; (2) imitation of tone signals by vowel sounds leads to a considerable improvement in the recognition of these sequences of fast signals; (3) there is a clear relationship between the recognizability of fast sound sequences and the latent period of reaction to the individual elements of these

Card 1/2

Significance of imitation for ...

S/044/62/000/006/126/127
B160/B102

sequences; (4) distinguishing of the signals' order of sequence in time is determined not by the time parameters of the analysing system but by the time characteristics of the process of selecting a reaction corresponding to the input signal. These results allow certain suggestions to be made about a possible logical model of recognition. [Abstracter's note: Complete translation.] ✓

Card 2/2

ALEKINA, G.K.

Amount of inorganic phosphorus, calcium, and protein in blood serum
of children suffering from dyspepsia [with summary in English].
Pediatriia 36 no.5:26-28 My'58 (MIRA 11:6)

1. Iz kafedry gospiatal'noy pediatrii (zav. - doystvitel'nyy
chlen AMN SSSR prof. A. F. Tur) Leningradskogo pediatricheskogo
meditsinskogo instituta (dir. - prof. N.T. Shutova).
(SERUM--ANALYSIS)
(DYSPEPSIA)

ALEKHINA, L.P.

Montmorillonite rocks of the Ishanova subseries in the Zalonnaya
Depression of the Kuznetsk Basin. Trudy SNIIGGIMS no.9:62-66
'60.

(MIRA 14:7)

... (Kuznetsk Basin--Montmorillonite)

PAL'MIN, V.V.; ALEKHINA, L.T.

Study of the conditions under which meat is subjected to radiation from Co⁶⁰ with the purpose of improving its organoleptic properties. Izv.vys.ucheb.zav.;pishch.tekh. no.4:75-77 '60. (MIRA 13:11)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy promyshlennosti. Kafedra biokhimi. (Beef) (Gamma rays)

2165 Aleknovichyus, A.

Vsesoyuznaya Sel'skokhozyaistvennaya Vystavkashkola Peredovogo Opyta I
Dostizheniy Sel'skokhozyay-stvennoy Nauki. (Lektsiya). Vil'nyus, 1954.
39L. 30sm. (M-Vo Kul'tury Litov. SSR. Resp. Lekts-Ionnoye Byuro Glav. Upr.
Kul't.-Prosvet, Uchrezhdeniy. V Pomoshch'lektoru). 800EKZ. Bespl.-
Otpech. Mnozhit. Apparatom.-Na Pravakh Rukopisi.-Na Litov. Yaz.
(54-56014) 63(064)(47)

ALEKOV, IA.

"Monetary reform of 1952; its prerequisites, essential points, and significance for the socialist construction in Bulgaria."

GODISHNIK: Vol. 3, No. 2, 1956; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, No. 8, August, 1959

Unclassified

ALEKPEROV, A. A.

"Analytical Examination of Γ -Shaped Amplifiers with Nonlinear Resistance,"
Trudy Energ. Inst. AN Azer SSR, No.10, 1951

SOV/112-58-1-1010

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 150 (USSR)

AUTHOR: Topchibashev, M. A., Alekperov, A. A., and Parshina, A. A.

TITLE: Automatic Compressed-Air Distribution Over a Group of Automatically-Controlled Oil Wells (Avtomaticheskoye raspredeleniye raskhoda szhatogo vosdukha, podavayemogo v gruppu avtomatizirovannykh skvazhin)

PERIODICAL: Tr. Energ. in-ta AN AzerbSSR, 1956, Nr 13, pp 19-34

ABSTRACT: In lieu of today's manual distribution of compressed air over oil wells on a prescribed schedule, an automatic control has been developed and experimentally verified in which a common command device (OE-MG-410), a common switchgear, and individual actuating devices with limiters are added. Specifications on the automatic distribution system are presented. Methods of alignment, experimental data, and diagrams are given. There are 8 illustrations. Bibliography: 2 items.

V.F.R.

AVAILABLE: Library of Congress

Card 1/1

1. Petroleum industry 2. Compressed air--Control systems

TOPCHIBASHEV, M.A.; ~~AKSEPEROV~~, A.A.; ABILAV, A.G.

Investigation of the carrying capacity of drivers and their parallel
operation [in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR.
Ser.fiz.-tekh. i khim. nauk no.6:61-72 '58. (MIRA 12:2)
(Automatic control)

TOPCHIBASHEV, M.A.; ALEKPEROV, A.A.; ABILOV, A.G.; ALIYEV, M.A.

Experimental study of the static and dynamic characteristics
of a tubular testing furnace. Izv. AN Azerb. SSR. Ser.
fiz.-mat. i tekhn. nauk no.3:93-105 '61. (MIRA 14:10
(Furnaces)

ALEKPEROV, A. I.; ZHDANOV, S. I.

Effect of anions on the reduction of uranyl ions on the dropping
mercury electrode. Zhur. neorg. khim. 5 no.8:1743-1747 Ag '60.
(MIRA 13:9)

(Uranyl compounds) (Reduction, Electrolytic)

ALEKPEROV, A. I.

Study of the maximum on a tellurium wave and polarographic determination of microgram amounts of tellurium in the presence of a large excess of selenium. Azerb.khim.zhur. no.4:133-141 '61.

(MIRA 14:11)

(Tellurium--Analysis)

(Selenium)

(Polarography)

ALEKPEROV, A. I.

The Second All-Union Conference on the Preparation and Analysis of High-Purity Elements, held on 24-28 December 1963 at Gorky State University im. N. I. Lobachevskiy, was sponsored by the Institute of Chemistry of the Gorky State University, the Physicochemical and Technological Department for Inorganic Materials of the Academy of Sciences USSR, and the Gorky Section of the All-Union Chemical Society im. D. I. Mendeleyev. The opening address was made by Academician N. M. Zhavoronkov. Some 90 papers were presented, among them the following:

A. I. Alekperov and F. Novruzova. An amperometric method for Hg and polarographic for Te, Cu, and Pb in pure Se.

(Zhur ANAL Khim. 19 No 6, 1964 p. 777-79)

L 52307-65 EWT(m)/EWG(m)/EWP(t)/EWP(b) IJP(c) RDW/JD

ACCESSION NR: AP5008808

S/0080/65/038/003/0555/0558

AUTHOR: Alekperov, A. I.; Mirzoyeva, A. A.

TITLE: Electrochemical separation of small quantities of tellurium from selenium ^{27 17 27}_B

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 3, 1965, 555-558

TOPIC TAGS: electrochemical separation, electrochemical purification, tellurium, selenium, electrolysis ¹⁶

ABSTRACT: Electrochemical technique was used for purification of commercial tellurium. The electrolyte composition was (per cent): NaCl--20, NaOH--2 to 5, Te(IV)+Se(IV)--0.2 to $1 \cdot 10^{-3}$. The electrolysis was done in a 500-700-ml beaker provided with platinum net electrodes, at a current density of 2 to 3 ma/cm², and in a temperature range from 18 to 20°C. Under these conditions a crystalline elemental tellurium is deposited on the cathode while selenium remains in solution. Most of the tellurium deposition forms within the first hour of electrolysis.⁶ During 12 to 15 hour electrolysis, the concentration of tellurium in the electrolyte drops from 0.15 to $2 \cdot 10^{-5}$ per cent and then the fall-out of tellurium ceases.

Card 1/2

L 52307-65

ACCESSION NR: AP5008808

Polarographic, spectral, and quantitative analytical examination of the tellurium platings showed 0.5 to 6 per cent of elemental selenium as well as some Pb, Hg, Ni, and Cu. Subsequently sulfuric acid is added up to neutral pH of the electrolyte and the selenium is precipitated out at a current density of 0.07 to 0.15 a/cm². The resulting selenium is free from Hg, Pb, and Ag contaminants which were present in the starting technical grade selenium sample. Attempts to use [PO₄]³⁻ ions and an asbestos membrane to separate tellurium from selenium resulted in reduction of tellurium concentration in the electrolyte not lower than 5·10⁻⁴ per cent and 1·10⁻⁴ per cent, respectively. Orig. art. has: 2 figures, 1 formula, and 3 tables.

ASSOCIATION: none

SUBMITTED: 05Feb63

ENCL: 00

SUB CODE: GC

NO REF SOV: 003

OTHER: 000

LL
Card 2/2

ALEKPEROV, A.I.; MIRZOYEVA, A.A.

Electrochemical separation of small quantities of tellurium
from selenium. Zhur. prikl. khim. 38 no.3:555-559 Mr '65.
(MIRA 18:11)

1. Submitted February 5, 1963.

L 06462-67 ENT(m)/FSP(t)/EII LJP(c) JD
ACC NR: AP6029343

SOURCE CODE: UR/0316/66/000/002/0117/0121

AUTHOR: Alekperov, A. I.; Novruzova, F. S.ORG: Institute of Inorganic and Physical Chemistry, AN AzerbSSR (Institut neorganicheskoy i fizicheskoy khimii AN AzerbSSR)TITLE: Polarographic determination of some impurities in pure selenium

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 2, 1966, 117-121

TOPIC TAGS: polarographic analysis, tellurium, selenium, copper, lead

ABSTRACT: A method was developed for determining Te, Cu and Pb polarographically in pure selenium. It is based on recording polarographic waves of these impurities. When the latter are electrolytically reduced, the Se(IV) ions are polarographically inactive and in some cases their solutions serve as the polarographic background for the determination. The effect of pH of the medium, surface-active agents, temperature, etc. on the peak of the Te(IV) wave was determined. The peak is thought to be due to the catalytic liberation of hydrogen. Copper and lead were determined by amalgam polarography preceded by their concentration in the amalgam form on a stationary mercury drop. The relative error of the determination is $\pm 5-10\%$ for Te, $\pm 15\%$ for Cu, and $\pm 15-18\%$ for Pb. Orig. art. has: 3 figures, 2 tables and 2 formulas.

SUB CODE: 07/ SUBM DATE: 24Mar65/ ORIG REF: 004/ OTH REF: 003

Card 1/1 mZE

ALEKPEROV, A.M.

~~ALEKPEROV, A.M.~~: EFENDI, M.E., redaktor; GONCHAROV, I.A., tekhnicheskii redaktor.

[Efficient organization and functioning of use of clay in the petroleum industry] Ratsional'naya organizatsiia i ekspluatatsiia glino-khoziaistva v neftianoi promyshlennosti. Baku, Gos.nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Azerbaidzhanskoe otdelenie, 1952. 99 p.

(MIRA 8:4)

(Clay) (Oil fields--Equipment and supplies)

ALEKPEROV, Aca Mekhti Salman ogly; KERSHENBAUM, I.M., redaktor;
GONCHAROV, I.A., tekhnicheskiiy redaktor.

[Plugging cement for oil and gas wells] Tamponazhnye tsementy
dlia neftianyykh i gazovykh skvazhin. Baku, Azerbaidzhanskoe Gos.
izd-vo neftianoi i nauchno-tekhn.lit-ry, 1955. 324 p. (MLRA 8:11)
(Oil well drilling)

ALEKPEROV, A.M.

27669

Gerpetologicheskoe issledovanie severo-zapadnoy chasti
azerbaydzhana. trudy zool. in - ta (Akad. nauk azerbaydzh.
SSR), T. XIII, 1949, s. 86-96 --- na azerbaydzh. yaz ---
rezyume na Rus. yaz.

SO: Knizhnaya Letopis, Vol. 1, 1955

ALEKPEROV, A.M.

Discovery of a two-headed snake. Zool.zhur. 33 no.3:716-717
My-Je '54. (MIRA 7:7)

1. Kafedra zoologii ^{V. Alekperov} pozvonochnykh Azerbaydzhanskogo gosudarstvennogo universiteta im. S.M.Kirova.
(Serpents)

ALEKPEROV, A.M., kandidat biologicheskikh nauk.

Mass wintering of starlings in Baku. Priroda 43 no.7:116 J1 '54.
(MLRA 7:7)

1. Azerbayshanskiy gosudarstvennyy universitet im. S.M.Kirova.
(Baku--Starlings) (Starlings--Baku)

ALEKPEROV, A.M.

~~_____~~
Distribution of the field mouse *Apodemus agrarius* Pall. in
Azerbaijan. Dokl. AN Azerb. SSR 11 no. 6: 427-431 '55. (MIRA 9:6)

Presented by Act *with head of*
1. Predstavleno deystvitel'nykh chlenov AN Azerbaydzhanskoy SSR
A.I. Karayevym.

(Azerbaijan--Field mice)

KHOZATSKIY, L.I.; ALEKPEROV, A.M.

Turtle shells from archeological excavations in Mingechaur.
Uch.zap.AGU no.12:101-112 '57. (MIRA 12:1)
(Mingechaur--Turtles, Fossil)

ALEKPEROV, A. M. (Cand. in Biology)

"Fauna," Soviet Azerbaydzhan, Baku, Izd-vo AN Azerbaydzhanskoy SSR, 1958.

ALEKPEROV, A. M., Doc Biol Sci -- (diss) "Amphibians and reptiles of the Azerbaydzhan SSR." Baku, 1958. 26 pp with maps. (Zoological Inst Acad Sci USSR. Azerbaydzhan State U im S.M. Kirov, Min of Higher Education USSR.) 100 copies. List of author's works at the end of the text. (12 titles).
(KL, 12-58, 97)

ALEKPEROV, A.M.

Herpetological zoning of Azerbaijan. Uch. zap. AGU no.1:65-83

'58.

(MIRA 12:1)

(Azerbaijan--Reptiles--Geographical distribution)

ALEKPEROV, A.M.

General ecological characteristics of amphibians and reptiles
of the Azerbaijan S.S.R. Uch.zap. AGU Biol.ser. no.1:9-26 '59.
(MIRA 13:7)
(AZERBAIJAN--AMPHIBIA) (AZERBAIJAN--REPTILES)

C

ALEKPEROV, Abdulla Mustafayevich (Azerbaydzhani State University
im. Kirov) for Doctor of Biological Sciences on the basis of dis-
sertation defended 9 Jan 59 in Council of the Zoological Institute
of the Acad Sci USSR, entitled: "Terrestrial Animals and Reptiles
of the ~~RM~~ Azerbaydzhani SSR." (ENVISSO USSR, 2-61, 24)

DZHAFAROV, Sh.M.; ASADOV, S.M., red.; ~~ALEKPEROV, A.M., red.~~;
DERZHAVIN, A.N., red.; KASIMOV, G.B., red.; RUSANOVA, V.N.,
red.; RUBTSOV, I.A., prof., red.; VARUNTSYAN, I., red. izd-
va; AGAYEVA, Sh., tekhn. red.

[Fauna of Azerbaijan] Fauna Azerbaidzhana. Baku, Izd-vo Akad.
nauk Azerbaidzhanskoi SSR. Vol.5. no.1. [Diptera. Black flies
(Simuliidae)] Dvukrylye nasekomye. Moshki (sem. Simuliidae).
1960. 154 p. (MIRA 15:2)

(Azerbaijan--Black flies)

ALEKPEROV, A.M., doktor biolog.nauk

The edible dormouse (*Glis glis*). Priroda 50 no.11:117 N '61.
(MIRA 14:10)

1. Azerbaydzhanskiy gosudarstvennyy universitet im. S.M.Kirova.
(Azerbaijan—Dormice)

ALEKPEROV, A.M., doktor biolog.nauk; DAREVSKIY, I.S., kand.biolog.nauk

The sense of smell in snakes. Priroda 53 no.1:128 '64. (MIRA 17:2)

ALEKPEROV, A.M.

Caudata in Azerbaijan. Uch. zap. AGU. Ser. biol. nauk no. 2:

21-24 '64

(MIRA 19:1)

ALEKPEROV, A.Yu.

Hydraulic puller. Azerb. neft. Khoz. 41 no.1:45-46 Ja '62.

(MIRA 16:7)

(Oil field pumps)

KONDRAT'YEV, M., kand.tekhn.nauk; ALEKPEROV, D., aspirant

Improving the performance of general purpose plows. Trudy
MIMESKH 6:189-205 '59. (MIRA 14:5)
(Plows)

ALEKPEROV, D.K., inzh.

Methods for studying the slipping of caterpillar tractors. Trakt.
i sel'khoz mash. 8:12-13 Ag '58. (MIRA 11:8)

1. Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo
khozyaystva im. V.M. Molotova.
(Caterpillar tractors)

ALEKPEROV, D. K., Candidate Tech Sci (diss) -- "Investigation of the coefficient of useful work of a plowing machine". Kirovabad, 1959. 23 pp (Min Agric USSR, Moscow Inst of Mechanization and Electrification of Agric), 150 copies (KL, No 23, 1959, 165)

ALEKPEROV, D.K., aspirant

Method for the direct measurement of the slippage of crawler tractor
tracks. Trudy MIMESKH 6:345-349 '59. (MIRA 14:5)
(Crawler tractors)

ALEKPEROV, O.K.
~~ALEKPEROV, Gasanbala Kasum ogly; KOCHARYANTS, Sh.M., red.; SHTEYNGEL', A.S.,~~
~~tekhn.red.~~

[Potentialities for increasing production] Rezervy v deistvii.
Baku, Azerbaidzhanskoe gos.izd-vo neft. i nauchno-tekhn.lit-ry,
1957. 31 p. (MIRA 11:3)

1. Master nefti, predsdatel' promkoma profsoyuza promysla No.6
upravleniya "Kirovneft'" (for Alekperov)
(Petroleum engineering)

ALEKPEROV, Gasanbala Kasim oğly

[Potentialities materialize] Ehtiyatlardan istifade olunur.
Bakı, Azərbaycan dövlət neft və elmi-tekniki ədəbiyyat
nəşriyyatı, 1958. 33 p. [In Azerbaijani] (MIRA 12:1)
(Petroleum industry)

^K
ALEKPEROV, G., master.

Hydraulic fracturing of strata is an important factor in increasing
oil production. Neftianik 3 no.3:8 Mr '58. (MIRA 11:5)

1. 6-y promysel neftepromyslovogo upravleniya Kirovneft'.
(Petroleum engineering)

KULIYEV, A.M.; MARDANOV, M.A.; ALEKPEROV, G.Z.

Thermal stability of motor fuels. Azerb. neft. khoz. 38 no.9:34-37
S '59. (MIRA 13:2)

(Motor fuels)

S/081/61/000/003/013/019
A166/A129

11,0100

AUTHORS: Kuliyeu, A. M., Marlanov, M. A., Alekperov, G. Z.

TITLE: A new apparatus for determining the thermal stability of motor fuels

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1961, 480, abstract 3M282.
(Azerb. kimja zh., Azerb. khim. zh., 1959, no. 6, 27 - 32)

TEXT: The authors recommend a laboratory apparatus which operates under dynamic conditions to determine the thermal stability of fuel during heating of the test sample at 175°C for 30 minutes. The apparatus (a schematic diagram is given) consists of an electrically heated cylindrical body containing a disk rotating at 25 rpm and seated on a shaft connected to an electric motor. Four NCA (LSA) flasks filled with test samples are fitted to the disk; by the end of the test the oxygen in the flasks is practically completely consumed.

Summary by S. Rozenfel'd

/B

[Abstracter's note: Complete translation]

Card 1/1

MARDANOV, M.A.; ALEKPEROV, G.Z.

Temperature conditions for maximum precipitation in various
fractions of fuel. Azerb. neft. khoz. 39 no.12:38-39 D '60.
(MIRA 14:9)

(Petroleum --Refining)

MARDANOV, M.A.; ALEKPEROV, G.Z.

Using spent sulfuric acid for purifying bright petroleum distillates. Azerb.neft.khoz. 41 no.4:37-39 Ap '62. (MIRA 16:2)
(Petroleum products) (Sulfuric acid)

KULIYEV, A.I.M.; KOLYSHKIN, D.A.; LYUBCHENKO, N.G.; ~~ALEKPEROV, G.Z.~~;
GRIGORYAN, E.V.; ABDULLAYEVA, S.M.

Studying the strength of highly activated coals. Azerb. neft.
khoz. 41 no.12:37-38 D '62. (MIRA 16:7)

(Coal--Testing)

(Gases--Absorption and adsorption)

TRUBNY, A.M.; ALEKPAROV, G.Z.; PENSKER, P.L.; GILGOL, E., M.Y.; BROVCHENKO, T.P.

(data for same authors from 1961 gas in an enlarged laboratory
set-up. G&Z. Chem. Phys. 11/11/61 100 (1961) 100)

MARDANOV, M.A.; ALEKPEROV, G.Z.; ISMAYLOVA, L.G.

Effect of tar substances on the thermal stability of motor fuels.
Azerb. neft. khoz. 42 no.1:34-36 Ja '63. (MIRA 16:10)

(Motor fuels—Thermal properties) (Tar)

KULIYEV, A.I.; TABATABAI, A.M.; ALEKPEROV, G.Z.; BUL'KANOV, R.B.

Use of metal-ceramic filters in a fluidized bed adsorption
apparatus. Dokl. AN Azerb. SSR 19 no.8:31-35 '63. (MIRA 17:11)

1. Institut neftekhimicheskikh protsessov AN AzSSR. Predstavleno
akademikom AN AzSSR M.F. Nagiyevym.

KULIYEV, A.M.; ALEKPEROV, G.Z.; PINSKER, B.A.; GRIGORYAN, E.V.; BROVCHENKO, T.P.

Separation of natural gas in a consolidated laboratory set-up.
Gaz. prom. 9 no.1:51-54 '64.
(MIRA 17:12)

KULIYEV, A.I.M.; TABATABAI, A.M.; ALEKPEROV, G.Z.; ISMAYLOV, A.G.; SARKISOVA, L.G.

Separation of natural gas in a "fluidized" bed of adsorbent under pressure. Dokl. AN Azerb. SSR 21 no.4:17-21 '65.

1. Institut neftexhimicheskikh protsessov AN AzerSSR. (MIRA 18:7)

KULIYEV, A.M.; ALEKPEROV, G.Z.

Adsorption processes for the separation of natural and
casinghead gases. Gaz.prom. 10 no.2:36-38 '65.

(MIRA 18:12)

L 32946-66 EWT(m)/EWP(j)/T/EWP(t)/ETI IJP(c) RM/JW/WE/JD
 ACC NR: AP6015898 (A) SOURCE CODE: UR/0249/65/021/009/0016/0019

AUTHOR: Kuliyeu, A. M.; Tabatabai, A. M.; Alekperov, G. Z.; Ibragimov, M. H.

ORG: INKhP im. Yu. G. Mamedaliyev

TITLE: Topping of natural gas under pressure

SOURCE: AN AzerbSSR. Doklady, v. 21, no. 9, 1965, 16-19

TOPIC TAGS: degassing, butane, gasoline, natural gas

ABSTRACT: Natural gas containing 11.5 g gasoline per m³ was topped continuously by a countercurrent fluidized layer of activated carbon (0.5-1.5 mm) in a column at 5 atm. The gas was fed into the bottom of the column (250-320°C) at a rate of 25 m³/hr; gas flow in the column was 0.1 m/sec and carbon circulation was 100 kg/hr. At a carbon/gas ratio of 4.0 kg/m³, extraction of gasoline was 100% and that of butane was 90%. By raising the ratio to 6.0 kg/m³, butane extraction reached 100%. Enrichment of gas to a gasoline content of 45 gm/m³ did not impair efficiency of extraction. Presented by M. G. Nagiyev, Academician of the AN Azerbaydzhan SSR. Orig. art. has: 4 tables.

SUB CODE: 13,21/ SUBM DATE: 02Mar64/ ORIG REF: 001

Card 1/1

Alekperov, I.I.

AIKPEROV, I.I.

Changes in the type of diseases occurring among workers due to the retirement of elderly workers. Sov.zdrav. 16 no.7:39-44 J1 '57.

(MIRA 10:11)

1. Iz kafedry organizatsii zdavookhraneniya (zav. - zasluzhennyy deyatel' nauki prof. A.K.Alibekov) Azerbaydzhanskogo meditsinskogo instituta (dir. - zasluzhennyy deyatel' nauki prof. B.A.Eyvazov)

(INDUSTRY AND OCCUPATIONS,

morbidity of elderly workers applying for pension (Rus))

ALEKPEROV, I. I., Can Med Sci -- (diss) "Study of the ^{morbidity} ~~statistics~~
of ~~illness among~~ workers in the petroleum-refining industry, ^{on the basis of}
~~according to~~ the plant im ~~Andreyev~~ ^{Andreyev} (Med-statist ^{ical} ~~investi-~~
^{study} ~~gation~~). Baku, 1958. 15 pp. (Azerbaydzhan State Med Inst
im N. Narimanov), 250 copies. (KL, 9-58, 122)

ABDULLAYEV, D.M.; ALEKPEROV, I.I.

Materials on a study of morbidity among petroleum refinery workers
for 14 years (1945-1958). Azerb. med. zhur. no. 5:55-60 My '61.

(MIRA 14:4)

(PETROLEUM WORKERS—DISEASES AND HYGIENE)

ALEKPEROV. I.I., kand med. nauk; ANDREYEVA, Ye.K., glavnyy vrach;
SEIDBEKOV, A.I., vrach (Baku)

Sanitary-educational work of the factory broadcasting system.
Sov. zdrav. 22 no.7:25-28 '63 (MIRA 16:12)

GASANOV, Kh.A.; ALEKPEROV, I.I.; TER-BAGDASAROVA, I.K.

Rare case of acute radiation sickness with neuropsychic disturbances.
Izv.AN Azerb.SSR. Ser.biol.i med.nauk no.4:111-115 '63.

(MIRA 17:4)

ALEKPEROV, I.I., kand. med. nauk; KNABENGOF, V.G., kand. med. nauk;
NADIROVA, N.F.; nauchnyy sotrudnik.

Clinical aspects of the vibration disease. Azerb. med. zhur.
42 no. 7:65-67 J1 '65 (MIRA 19:1)

1. Iz Nauchno-issledovatel'skogo instituta gigiyeny truda i
professional'nykh zabolevaniy imeni Efend'yeva Ministerstva
zdravookhraneniya Azerbaydzhanskoy SSR direktor- dotsent
I.G. Samedov).

USSR / Soil Science. Cultivation. Melioration.
Erosion.

J-5

Abs Jour: Ref Zhur-Biol., No 8, 1958, 34442.

Author : ~~Alekperov~~, K. A.

Inst : Not given.

Title : Spreading of Erosion of Soils in Azerbaydzhan.

Orig Pub: Pochvovedeniye, 1957, No 1, 62-68.

Abstract: About 40% of soils of AzerbaydshaniyanSSR is affected by the processes of erosion. An approximate zoning of the territory of the Republic - in respect to soil erosion - is suggested. Chestnut, brown soils, mountain black earth and steppe-forest soils of the lowlands at the feet of the hills, are slightly affected by the washout. A medium washout, with an important increase of ravines, appears on large territories of the Bol'shoy

Card 1/2

USSR / Soil Science. Cultivation. Melioration.
Erosion.

J-5

Abs Jour: Ref Zhur-Biol., No 8, 1958, 34442.

Abstract: Kavkazskiy Khrobot and Malyy Kavkaz, with various soils and with predominance of mountain meadows. Strong erosion is characteristic to watersheds of Big Caucasus with mountain-meadow soils. Level and wind erosion of soils, with strong erosion in ravines, embraces the Eastern and Southern slopes of Bolshoy Kavkoz with chestnut, brown and gray-brown soils. Strong plane erosion, with the presence of numerous flood waters which erode land on denuded hills, is observed in the Kuktashenskiy Rayon and in the South-Eastern part of Nakhichevanskaya SSR. Wind erosion predominates in the North-Western part, on the steppe plateau and on the blanket of Apsheron Peninsula. -- S. A. Nikitin.

Card 2/2

ALEKPEROV, K. A., Doc Agr Sci -- (diss) "Erosion of soils of the
Azerbaydzhan SSR and its control." Baku, Pub House of Acad Sci
AzSSR, 1958. 37 pp (Acad Sci USSR, Soil Inst im V. V. Dokuchayev),
200 copies. List of author's works at end of text (KL, 15-58, 116)

-54-

ALEKPEROV, K.A.

Erosion resistance of some soil types in the Azerbaijan S.S.R.
Izv.AN Azerb.SSR.Ser.biol.i sel'khov.nauk no.2:3-1C '59.
(MIRA 12:8)

(Azerbaijan--Erosion)

ALEKPEROV, K.A.

Conference on soil erosion and its control in Baku. Pochvovedenie
no.5:114 My '58.

(MIRA 11:6)

(Erosion)

ALEKPEROV, K.A.

Soil erosion in the Azerbaijan S.S.R. and principal control methods.
Izv. AN Azerb. SSR. Ser. biol. med. nauk no 2:119-122 '60.

(MIRA 13:10)

(AZERBAIJAN--EROSION)

ALEKPEROV, K.A.

History of soil erosion research in the Azerbaijan S.S.R.
Trudy Sek. eroz. AN Azerb. SSR 1:5-20 '61. (MIRA 15:8)
(Azerbaijan--Erosion)

ALEKPEROV, K.A.; DZHAVADYAN, T.G.

Effect of erosion on the amount of nutritive substances in soils
of the Kishchay River basin, Nukha District. Trudy Sekt. eroz.
An Azerb. SSR 1:89-95 '61. (MIRA 15:8)
(Nukha District--Soils--Composition)

ALEKPEROV, K.A.; MUSTAFAYEV, Kh.M.; KHALPLOV, M.Yu.

Soil erosion in the basin of the Kishchay River and its control.
Izv.AN Azerb.SSR.Ser.biol.i med.nauk no.1:145-151 '61.

(MIRA 14:6)

(Kishchay Valley--Erosion)

AIEKPEROV, K.A.; MUSTAFAYEV, Kh.M.

Principal measures for erosion control in mountain areas.

Trudy Sekt. eroz. AN Azerb. SSR 2:148-156 '63.

(MIRA 17:10)

L 3904-66 EWT(m)/EPF(c)/EWP(j)/T DJ/RM

ACCESSION NR: AP5023506

UR/0318/65/000/008/C027/0030
665.521.4.061.54:678.049

AUTHOR: ⁴⁴Alekperov, K. A.; ⁴⁴Kusov, A. B.; ⁴⁴Lukashevich, I. P.; ⁴⁴Socheyko, T. I. ⁴⁶₄₂ B

TITLE: Resin mixture plasticizer made of extracts from selective purification of petroleum lubricating oils ✓

SOURCE: Neftepererabotka i neftekhimiya, no. 8, 1965, 27-30

TOPIC TAGS: plasticizer, butadiene styrene rubber, synthetic rubber

ABSTRACT: Applicability of 340-400°, 400-450°, and 450-500°C fractions, of the prepurified distillate extract, their mixtures, and their blends with vacuum distillation residue (above 500°C) as plasticizer for resin mixtures based on non-plasticized SKS-30 butadiene-styrene rubber was studied. The individual fractions and the residue were obtained by vacuum distillation of phenol- and furfural extracts from distillate. The distillate extract was a product of the NPZ plant at Omsk. The object of this study was to develop a substitute for the PN-6 residual extract (vacuum distillation residue--above 500°C) and to assure a compliance of the substitute with the VTU 71-61 technical standard for the PN-6 extract. The base non-plasticized resin was prepared by rolling the following mixture (in weight

Card 1/3

L 3904-66

ACCESSION NR: AP5023506

units): SKS-30 rubber--100, stearic acid--2.0, zinc oxide--5.0, channel gas black--50, Altax--0.6, diphenylguanidine--0.75, and sulfur--2.0. After rolling the mixture was vulcanized for 10-80 min at $143 \pm 1^\circ\text{C}$. It was found that mixtures of narrow fractions of distillate extract with distillation residue can be used as plasticizer substitute for butadiene-styrene rubber. The effect of plasticizer substitute viscosity on tensile strength of SKS-30 vulcanized rubber (content of the channel gas black is 50 wt %, content of the softener is 20 wt %) is shown in fig. 1 of the Enclosure. The strength of the vulcanized rubber increases with increasing content of heavy aromatics and tar in the plasticizer. Orig. art. has: 1 figure, 2 tables.

ASSOCIATION: LTI im. Lensova; MINKh i GP im. I. M. Gubkina

SUBMITTED: 00

ENCL: 01

SUB CODE: MT, FP

NO REF SOV: 007

OTHER: 005

Card 2/3

L 3904-66

ACCESSION NR: AP5023506

ENCLOSURE: 01

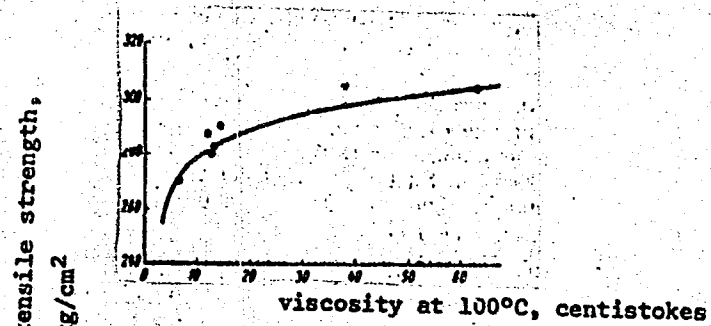


Fig. 1.

beh
Card 3/3

1 8308-66 EMT(m)/EWP(j) RM

ACC NR: AP5028430

SOURCE CODE: UR/0153/65/008/004/0659/0662

AUTHOR: Alekperov, K. A.; Kusov, A. B.

ORG: Department of Rubber Technology, Leningrad Technological Institute im. Lensovet
(Kafedra tekhnologii reziny, Leningradskiy tekhnologicheskiy institut)

TITLE: Use of petroleum refining waste as a raw material for the rubber industry

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 8, no. 4, 1965, 659-662

TOPIC TAGS: filler, rubber chemical, petroleum product

ABSTRACT: One of the wastes of petroleum refining is the so-called "plast", a by-product from the unit preparing the multifunctional additive "AzNII-4". The "plast" is a brown plastic mass containing valuable reagents: unreacted sulfur and calcium chloride, sulfo salts, and a large quantity (35 - 50%) of petroleum oils (motor oil "T"). The authors found that the "plast" can be used as a softener, filler, and vulcanization activator in filled rubber mixtures based on SKS-30 butadiene-styrene rubber. It also increases the resistance of vulcanizates to thermooxidative aging. With other rubbers, the "plast" can be used as a softener and extender. In addition to improving the physicochemical characteristics of rubbers, it is very economical to use, since it amounts to 50% of the target product of the refinery, and had to be wasted

Card 1/2

UDC: 678.004.8

L 8308-66

ACC NR: AP5026430

previously. Orig. art. has: 3 figures and 2 tables.

SUB CODE: 11 / SUBM DATE: 18Jul64 / ORIG REF: 004

Card 2/2

ALEKPEROV, Kh. M.

Some data on the reproduction of the forest dormouse (*Dromys
nitedula* Pall.) in Azerbaijan. [in Azerbaijani with summary in Russian].
Dokl. AN Azerb. SSR 12 no. 12: 987-992 '56. (MLRA 10:8)
(Azerbaijan--Dormouse)

ALEKPEROV, Kh.M.

New data on the distribution of porcupine (*Hysterix hirsutirostis*
Brandt) in Azerbaijan. Dokl. AN Azerb. SSR. 14 no.4:329-331 '58.
(MIRA 11:5)

1. Institut zoologii AN AzerSSR. Predstavleno akademikom AN AzerSSR
A.I. Karayevym.

(Azerbaijan--Porcupines)

ALEKPEROV, Kh.M.

Dynamics and prognosis of the social vole population
(*Microtus socialis* Pall.) in Azerbaijan. Dokl. AN Azerb. SSR.
15 no.8:719-724 '58. (MIRA 13:1)

1. Institut zoologii AN AzerSSR.
(Azerbaijan--Field mice)

ALEKPEROV, Kh.M.; YEROFEYEVA, S.N.

Ecology of the field mouse (*Apodemus agrarius* Pall.) in
Azerbaijan. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no.6:29-37
'62. (MIRA 15:12)
(AZERBAIJAN--FIELD MICE)

ALEKPEROV, Kh.M.; YEROFEYEVA, S.N.

Bats (Chiroptera) of the Nagorno-Karabakh Autonomous Area in
the Azerbaijan S.S.R. Zool. zhur. 41 no.5:744-749 My '62.
(MIRA 15:6)

1. Institute of Zoology, Academy of Sciences of the Azerbaijan
S.S.R., Baku.

(Nagorno-Karabakh Autonomous Area--Bats)

~~ALEKPEROV, N.~~

Making natural stone blocks for housing construction. Stroi. mat.
4 no.2:1-2 F '58. (MIRA 11:2)

1. Nachal'nik Upravleniya promyshlennosti stroitel'nykh materialov
sovnarkhoza Azerbaydzhanskoy SSR.
(Azerbaijan--Building materials)

ALEKPEROV, M., inzh.

Prospects for developing production of wall and facing materials
in Azerbaijan. Stroi. mat. 4 no.9:3-7 S '58. (MIRA 11:10)
(Azerbaijan--Building materials)

ALEKPEROV, M.A., kandidat meditsinskikh nauk(Moskva)

Prothrombin-forming function of the liver and hemorrhagic syndrome
in thyrotoxicosis. Probl.endokr. i gorm. 1 no.4:33-36 J1-Ag '55.
(MLRA 8:10)

1. Iz kliniki Vsesoyuznogo instituta eksperimental'noy endokri-
nologii (dir.--prof. Ye.A.Vasyukova)
(HYPERTHYROIDISM, complications,
hemorrh.synd.,prothrombin-form.by liver in)
(LIVER, physiology,
prothrombin form. in hemorrh. synd. in hyperthyroidism)
(HEMORRHAGIC DIATHESIS, complications,
hyperthyroidism, prothrombin form. by liver in)
(PROTHROMBIN,
form. by liver in hemorrh. synd. in hyperthyroidism)

ALEKPEROV, M.A., (Moskva)

Antitoxic and synthetic functions of the liver in thyrotoxicosis.
Probl.endok. i gorm. 1 no.6:34-36 H-D '55. (MIRA 12:8)

1. Iz kliniki Vsesoyuznogo instituta eksperimental'noy
endokrinologii (dir. - prof.Ye.A.Vasyukova).

(HYPERTHYROIDISM, physiology,
liver funct. tests)

(LIVER FUNCTION TESTS, in various diseases,
hyperthyroidism)

EXCERPTA MEDICA Sec. 6 Vol. 11/9 Sept. 57

ALEKPEROV M. A.

5155. ALEKPEROV M. A. Baku, USSR. * A case of Addison's disease due to brucellae (Russian text) PROBL.ENDOKR. 1956, 2/3 (62-63)

A 49-year-old male patient is described. The diagnosis was made on epidemiological anamnestic data, serological reactions and a strongly positive skin test. The patient was treated with hypodermic injections of brucella vaccine; 10 injections at intervals of 2-4 days were given representing a total of 5.5 milliards bacilli. The disappearance of the Addison syndrome after the course of anti-brucella treatment confirmed the aetiological diagnosis. Krimsky - Moscow (XX, 6)

ALEKPEROV, M.A., kand.med.nauk

Some data on the functional state of the adrenal cortex in pappataci fever. Azerb.med.zhur. no.11:60-63 N '58 (MIRA 11:12)

1. Iz kafedry vnutrennikh bolezney (spolnyayushchiy obyazannosti zaveduyushchego kafedroy - prof. S.M. Gusman) Azerbaydzhanskogo instituta usoverhsenstvovaniya vrachey (direktor M.I. Aliyev [deceased]) na baze klinicheskoy bol'nitsy No.3 im. Dzhaparidze (glavnyy vrach I.G. Kadymov).
(ADRENAL CORTEX)
(PAPPATACI FEVER)

GUSMAN, S.M., prof., ALEKPEROV, M.A., kand.med.nauk

Artozin therapy in diabetes mellitus. Terap. arkh. 30 no.7:25-37
Jl '58 (MIRA 11:8)

1. Iz kafedry vnutrennikh bolezney Azerbaydzhanskogo instituta
usovershenstvovaniya vrachey.
(ANTIDIABETICS, ther. use,
tolbutamide (Rus))

ALEKPEROV, M.A., kand.med.nauk

Functional state of the adrenal cortex in influenza. Sov. med. 23 no.
10:70-73 0 '59. (MIRA 13:2)

1. Iz kafedry terapii (zaveduyushchiy - prof. S.M. Gusman) Azerbay-
dzhanskogo gosudarstvennogo instituta usovershenstvovaniya vrachey
(direktor M.I. Aliyev).

(INFLUENZA physiology)

(ADRENAL CORTEX physiology)

ALEKPEROV, M.A., kand.med.nauk

Some data on adrenal cortex function in acute poisoning by caustic alkalis and acids. Azerb. med. zhur. no. 3:14-19 Mr '61.

(MIRA 14:4)

1. Iz kafedry terapii (zav. - prof. S.M. Gusman) Azerbaydzhanskogo gosudarstvennogo instituta usovershenstvovaniya vrachey (direktor - prof. A.M. Aliyev).

(ADRENAL CORTEX) (ACIDS—PHYSIOLOGICAL EFFECT)

(ALKALIS—PHYSIOLOGICAL EFFECT)

GUSMAN, S.M., prof.; ALEKPEROV, M.A., kand.med.nauk

Functional state of the kidneys in patients with diabetes mellitus
treated with artosin. Terap.arkh. no.6:68-72 '61.

(MIRA 15:1)

1. Iz kafedry terapii (zav. - prof. S.M. Gusman) Azerbaydzhanskogo
gosudarstvennogo instituta usovershenstvovaniya vrachey.
(ARTOSIN) (DIABETES) (KIDNEYS)

ALEKPEROV, M.A., kand.med.nauk; MEKHTIYEV, A.G.

Some data on the functional state of the adrenal cortex in
chronic tonsillitis. Vest.otorin. 23 no.2:74-76 F '61.
(MIRA 14:4)

1. Iz kliniki vnutrennikh bolezney (zav. - prof. S.M. Gusman)
Azerbaidzhanskogo instituta usovershenstvovaniya vrachey, Baku.
(TONSILS--DISEASES) (STEROIDS)