

ABDURAKHMANOV, F.

ABDURAKHMANOV, F.: "Dynamic Changes in the Content of Pyruvic Acid, Prothrombin, and Fibrinogen in the Blood in Botkin's Disease as an Index of the Effectiveness of Vitamin Therapy." Leningrad State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. First Therapeutic Chair. Leningrad, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya Letopis', No. 19, 1956,

ABDURAKHMANOV, F.A., kand.med.nauk

Dynamic changes in the fibrinogen content of the blood in Botkin's disease as an index of the effectiveness of vitamin therapy. Med. shur.Uzb. no.5:23-24 Ny '58. (MIRA 13:6)

1. Iz 1-y terapevticheskoy kliniki (sav. - prof. B.M. Prozorovskiy) Leningradskogo gosudarstvennogo instituta usovershestvovaniya vrachey.

(FIBRINOGEN) (HEPATITIS, INFECTIOUS) (VITAMIN THERAPY)

ABDURAKHMANOV, F., kand.med.nauk

Dynamic changes in the prothrombin content of the blood in Botkin's disease as an indication of the effectiveness of vitamin therapy.
Med.shur.Uzb. no.1:20-24 Ja '59. (MIRA 13:2)

1. Iz I terapevticheskoy kafedry (zaveduyushchiy - prof. B.M. Proso-rovskiy) Leningradskogo gosudarstvennogo ordena Lenina instituta usovershenstvovaniya vrachey imeni S.M. Kirova.
(BLOOD) (HEPATITIS, INFECTIOUS) (VITAMINS--K)

USSR / Human and Animal Morphology. Circulatory System. S-3

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64835.

Author : ~~Abdurakhmanov, F. A.~~
Inst : Stalinabad Medical Institute.
Title : Concerning the Distribution of Arteries in the
Red Nucleus of the Human Brain.

Orig Pub: Tr. Stalinabadsk. Med. in-ta, 1957, 25, 241-244.

Abstract: The area of the red nucleus is divided into four sections described in detail with regard to the vascularization of each one. The basic sources of the arterial blood supply to the red nucleus are the central arteries of the proximal section of the rear cerebral artery and the central branches of the quadrigeminal artery. -- S. Ye. Levina.

Card 1/1

ABDURAKHMANOV, F.A. (Dushanbe, pr.Lenina, 138, kv.22)

Sources of arterial blood supply for the pineal body
(epiphysis) in man. Arkh. anat., gist. i embr. 42
no.5:35-37 My '62. (MIRA 15:6)

1. Kafedra normal'noy anatomii (zav. - chlen-korrespondent
AN Tadzhikskoy SSR zasluzhennyy deyatel' nauki Ya.A. Rakhimov)
meditsinskogo instituta im. Abu ali Ibn-Siny (g.Dushanbe).
(PINEAL BODY--BLOOD SUPPLY)

ABDURAKHMANOV, F.A.

System of intraorganic blood supply in the human epiphysis.
Trudy Dush. med. inst. 57 no.2:130-135'62. (MIRA 16:10)

1. Iz kafedry normal'noy anatomii (zav. - chlen-korrespon-
dent AN Tadzhikskoy SSR Zasluzhennyy deyatel' nauki Ya.A.
Rakhimov). Tadzhikskogo gosudarstvennogo meditsinskogo
instituta imeni Abuali Ibn-Sino.
(PITUITARY BODY — BLOOD SUPPLY)

ABDURAKHMANOV, F.A.

Cholesterol metabolism in arteriosclerosis. Vop. pit. 23 no.5:50-55
S-O '64. (MIRA 18:5)

1. Gruppya klinicheskoy i eksperimental'noy kardiologii (zav. -
doktor med.nauk I.Ye.Ganelina) Instituta fiziologii imeni Pavlova,
Leningrad.

ABDURAKHMANOV, F.A.

State of lipid metabolism in thyrotoxicosis and hypothyroidism,
Probl. endok. i gorm. 11 no.4:6-13 J1-Ag '65. (MIRA 18:11)

1. Laboratoriya klinicheskoy i eksperimental'noy kardiologii
(zav.- doktor med. nauk I.Ye. Ganslina) Instituta fiziologii
imeni Pavlova (dir.- akademik V.N. Chernigovskiy) AN SSSR,
Leningrad.

ABDURAKHMANOV, F. Z.

Abdurakhmanov, F. Z.

"Arterial Blood Supply of the Red Nucleus of the Human Brain." Second
Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1955. (Disserta-
tion for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

ABDULRAKHMANOV, Gadir Aga ogly, aspirant

Special features in the operation of a three-phase asynchronous motor for rectifier locomotives fed by a traction substation.

Izv. vys. ucheb. zav.; elektromekh. 6 no.10:1221-1229 '63.

(MIRA 17:1)

ABDURAKHMANOV, Ibraim; SIDOROV, A., red.; TYURYAYEV, M.,
tekhn. red.

[Potentials for reducing the cost of coal in Kirghizistan]
Rezervy snizhenia sebestoimosti uglia v Kirgizii. Frunze,
Kirgizgosizdat, 1962. 57 p. (MIRA 17:1)

ALYSHBAYEV, D.A., nauchn. sotr.; GUSHCHIN, A.F., nauchn. sotr.;
ABDURAKHMANOV, I., nauchn. sotr.; MEL'NIKOV, A.A., nauchn.
sotr.; DROKER, B.A., nauchn. sotr.; IMANALIYEV, M., nauchn.
sotr.; YESIPOV, N.S., otr. red.; SEMIKINA, T.F., red.isd-va;
POPOVA, M.G., tekhn. red.

[Prospects for the development and distribution of the most important branches of the Kirghiz industry] Perspektivy razvitiia i rasmeshcheniia vazhneishikh otraslei promyshlennosti Kirgizii. Frunze, Izd-vo AN Kirg.SSR, 1963. 154 p.

(MIRA 16:7)

1. Akademiya nauk Kirgizskoy SSR Frunze. Institut ekonomiki.
2. Institut ekonomiki AN Kirg.SSR (for all except Yesipov, Semikina, Popova).

(Kirghizistan--Industries, Location of)

ABDURAKHMANOV, L.F., inzh.

Problems concerning the geometry of axial-flow adjustable-
blade hydraulic turbines. [Trudy] LMZ no.10:216-221 '64.
(MIRA 18:12)

BORODIN, V.R., zasl. vet.vrach Turkmenskoy SSR; ABDURAKHMANOV, K., otv. red.;
BERDYEV, B., tekhn. red.

[Protection of farm animals from bacteriological weapons] Zashchita
sel'skokhoziaistvennykh zivotnykh ot bakteriologicheskogo oruzh'ia.
Ashkhabad, M-vo sel'.khoz. Turkmenskoi SSR, 1960. 29 p.

(MIRA 14:11)

(Domestic animals)

(Bacterial warfare)

SUKHORUK, A.M., inzh.; TISHKEVICH, N.Ya.; IVANOVSKIY, N.P., inzh.; MELEKHOV, F.P., inzh.; ABDURAKHMANOV, K.A.; IVANOV, I.I., red.

[Hydrological yearbook; 1955] Gidrologicheskiy ezhegodnik, 1955 g. Tom 00, vyp. 0-0, Pod red. I.I.Ivanova. Leningrad, Gidrometeor. izd-vo, 1958. 58 p. (MIRA 12:5)

1. Russia (1923- U.S.S.R.). Glavnoye upravleniye gidrometeorologicheskoy sluzhby. 2. Zhukovskaya gidrologicheskaya stantsiya (for Sukhoruk, Tishkevich). 3. Krasnosel'skaya gidrologicheskaya stantsiya (for Ivanovskiy). 4. Podgornaya gidrologicheskaya stantsiya (for Melekhov, Abdurakhmanov).

(Hydro-meteorology)

ABDULRAKHMANOV, K.A.

Copper losses in an asynchronous motor with current supply from a traction substation for electric mercury-rectifier locomotives. Za tekh.prog. 3 no.10:14-16 0 '63. (MIRA 16:12)

1. Azerbaydzanskiy institut nefi i khimii imeni M.Azizbekova.

PIRHOJHI, B.M., doktor tekhn. nauk, prof.; ABULIMAKHIMOV, K.M., inzh.

Parameters of a three-phase induction motor with nonsymmetry
and nonsinusoidal characteristics of the line voltage. Izv.
vys. ucheb. zav.; energ. 9 no.1:31-36 in 10. (MIRA 19:1)

1. Azerbaydzanskiy Institut nefli i khimii imeni M. Azimbekova.
Predstavlena kafedroy elektropriyoda i avtomatizatsii promyshlenn-
nykh ustanovok. Submitted July 17, 1964.

ABDURAKHMANOV, Kh.F.

Clinical manifestations of intestinal amebiasis. Zdrav. Tadzh. 8
no. 2:11-13 '61. (MIRA 14:4)

1. Iz kafedry infektsionnykh bolezney (zav. - dotsent D.M. Khashimov)
Stalinabadskogo medinstituta imeni Abuali ibni Sino.
(DYSENTERY)

ABDURAKHMANOV, M.A.; RYABOVA, N.D.

Nitrogen bases of the Izbaskentskiy oil. Khim.sera-i azotovye soed.sod.v
neft.i nefteprod. 3:207-209 '60. (MIRA 14:6)

1. Akademiya nauk Uzbekskoy SSR, Institut khimii.
(Izbaskentskiy region--Petroleum--Analysis)
(Nitrogen compounds)

ABDURAKHMANOV, M.A.; BEZINGER, H.N.; GAL'PERN, G.D.

Determination of sulfide sulfur in solutions containing sulfur-nitrogen compounds. Nature of the sulfur in extracts of petroleum bases. Uzb. khim. zhur. no.1:77-79 '61. (MIRA 14:1)

1. Institut neftekhimicheskogo sinteza AN SSSR i Institut khimii AN UzSSR.

(Sulfur--Analysis)

(Sulfide)

BEZINGER, N.N.; ABDURAKHMANOV, M.A.; GAL'PERN, G.D.

Nitrogen compounds of petroleum. Report No.1. Nature of neutral
nitrogen compounds. Neftekhimiia 1 no.1:23-28 Ja-F '61..
(MIRA 15:2)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Nitrogen compounds) (Petroleum)

BEZINGER, N.N.; ABDURAKHMANOV, M.A.; GAL'PERN, G.D.

Nitrogen compounds of petroleum. Report No.2. Separation of nitrogenous bases of petroleum from organic sulfides. Neft-ekhimia 1 no.2:149-155 Mr-Ap '61. (MIRA 15:2)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Nitrogen compounds)
(Petroleum) (Sulfides)

BEZINGER, N.N.; ABDURAKHMANOV, M.A.; GAL'PERN, G.D.

Nitrogen compounds of petroleum. Part 3: Neutral nitrogen compounds
of Sakhalin oil of the Ekhabi field. Neftekhimii 1 no.5:583-588
S-O '61. (MIRA 15:2)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Ekhabi region—Petroleum—Analysis) (Nitrogen compounds)

BEZINGER, N.N.; ABDURAKHMANOV, V.A.; GAL'PERN, G.D.

Nitrogen compounds of petroleum. Part 4: Group separation of
concentrates of nitrogen bases. Neftekhimii 1 no.5:589-598
S-O '61. (MIRA 15:2)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Petroleum—Analysis)(Nitrogen compounds)(Bases(Chemistry))

BEZINGER, N.N.; GAL'PERN, G.D.; ABDURAKHMANOV, M.A.

Use of acetic anhydride as a differentiating solvent for a selective acidimetric titration of amines, sulfoxides, and amides. Zhur. anal. khim. 16 no. 1:91-95 Ja-F '61. (MIRA 14:2)

1. Institute of Petroleum Chemical Synthesis, Academy of Sciences, U.S.S.R., Moscow.
(Acetic anhydride) (Amines) (Sulfoxides) (Amides)

ABDURAKHMANOV, M. A.

Dissertation defended for the degree of Candidate of Chemical Sciences
at the Institute of Hetrochemical Synthesis: in 1962:

"Investigation of Nitrogenous Compounds of Petroleum."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

ABDURYAKHMANOV, M.I.

Studying overvoltages due to alternating grounding arcs in
electric networks. Izv. AN Azerb. SSR no.8:3-22 Ag '57.
(Electric circuits) (Overvoltage) (MLRA 10:9)

ABDURAKHMANOV, M.I.

Overvoltage resulting from alternating grounding arcs in an
asymmetric circuit [in Azerbaijani with summary in Russian].
Dokl. AN Azerb. SSR 13 no.2:131-138 '57. (MIRA 10:7)
(Electric circuits)

ABDURAKHMANOV, M.K.

Materials from a study of the diet of collective farmers in the Vakhsh Valley. Preliminary report. Zdrav. Tadzh. 7 no.4:24-26 J1-Ag '60. (MIRA 13:9)

1. Iz Instituta krayevoy meditsiny Akademii nauk Tadzhikskoy SSR. (VAKHSH VALLEY--DIET)

ABDURAKHMANOV, M.K.

Nutrition of collective farmers in the Vakhshsk valley. Vop.
pit. 20 no.4:32-36 J1-Ag '61. (MIRA 14:7)

1. Iz Instituta krayevoy meditsiny AN Tadzhikskoy SSR, Stalinabad.
(VAKHSHSK VALLEY--DIET)

21

ABDURAKHMANOV, M.K.

Vitamin A and carotene content in some products produced in southern Tajikistan. Zdrav. Tadzh. 8 no.6:52-54 N-D '61.
(MIRA 15:1)

1. Iz Instituta krayevoy meditsiny AN Tadjhikskoy SSR.
(CAROTENE) (VITAMINS--A) (TAJIKISTAN--FARM PRODUCE--ANALYSIS)

ABDURAKHMANOV, Namik Abdulla ogly; ALLAKHVERDIYEV, M.M., red.

[Problems of combining branches on collective farms]
Yoprosy sochetaniia otraslei v kolkhozakh. Baku, Izd-
vo AN Azerb.SSR, 1962. 104 p. (MIRA 16:8)
(Azerbaijan--Collective farms--Management)

SHEYNBART, D.M.; ABDURAKHMANOV, R.A.

Planning residential dwellings to fit climatic conditions of Baku.
Dokl.AN Azerb.SSR 11 no.3:221-229 '55. (MLRA 9:6)

1.Predstavleno deystvitel'nym chlenom AN Azerbaydzhanskoy SSR
M.A.Usecynovym.
(Baku--Building)

Country : USSR
Category: Cultivated Plants. Fruit. Berries.

M

Iss Jour: RZhBiol., No 11, 1958, No 49076

As a result of investigations on the fruit varieties under various climatic and soil conditions and through production tests, a standard selection of fruit and berry cultures for the different horticultural zones has been elaborated. The agrotechny has also been worked out. Particular emphasis is put on irrigation and the control of horticultural pests. The unsatisfactory utilization and care of wild fruit cultures are mentioned. -- V.D. Snyalova

Card : 2/2

ABDURAKHMANOV, T.

Multitest statistical sampling inspection control. Teor. veroiat.
i mat. stat. no.1:5-12 '64. (MIRA 18:6)

ABDURAKHMANOV, T.R., aspirant

Influence of infusions of tomentous and platycalcine Lagochilus
on some indexes of blood coagulation in dogs. Med. zhur. uzb.
no. 9:74-76 S '60. (MIRA 13:10)

1. Iz kafedry farmakologii (zav. - prof. I.E. Akopov) Kubanskogo
meditsinskogo instituta imeni Krasnoy Armii.
(LAGOCHILUS) (BLOOD—COAGULATION)

ABDURAKHMANOV, T.R., aspirant

Influence of some types of plants of the genus *Lagochilus* on the vessels of an isolated frog's liver. Med. zhur. Uzb. no.10:36-37
0 '60. (MIRA 13:12)

1. Iz kafedr farmakologii Samrkandskogo i Kubanskogo meditsinskikh institutov (nauchnyy rukovoditel' - prof. I.E.Akopov).
(LAGOCHILUS) (LIVER)

LEVIN, Ya.L.; ABDURAKHMANOV, T.R.

Effect of Lagochilus leaf infusions on the heart in frogs.
Farm.i toks. 23 no.4:347-348 JI-Ag '60. (MIRA 14:3)

1. Kafedra farmakologii (zav. - prof. I.E.Akopov) Kubanskogo meditsinskogo instituta imeni Krasnoy Armii.
(HEART) (LAGOCHILUS)

ABDURAKHMANOV, T.R., aspirant

Comparative investigation of infusions from the Zeravshan, tomentous,
and inbrians varieties of Lagochilus in blood coagulability in dogs.
Med. zhur. Uzb. no.3:72-74 Mr '61. (MIRA 14:5)

1. Iz kafedry farmakologii (zav. - prof. I.E.Akopov) Kubanskogo
meditsinskogo instituta imeni Krasnoy Armii.
(LAGOCHILUS) (BLOOD--COAGULATION)

ABDURAKHMANOV, T.R.; SYCHEV, A.G.; TSYBANOVA, V.A.

Electrocardiographic study of the effect of tinctures of certain plants of the genus *Lagochilus*. Med. zhur. Uzb. no.12:78 D '61.
(MIRA 15:2)

1. Iz kafedry farmakologii (zav. - prof. I.E.Akopov) Kubanskogo meditsinskogo instituta.
(LAGOCHILUS) (ELECTROCARDIOGRAPHY)

ABDURAKHMANOV, T.R., assistant

Anticonvulsive action of some types of plants of the *Lagochylus* family. Med.zhur.Uzb. no.3:59-60 Mr '62. (MIRA 15:12)

1. Iz kafedry farmakologii (zav. - prof. I.E.Akopov) Kubanskogo meditsinskogo instituta.

(ANTICONVULSANTS) (LAGOCHILUS)

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L 40294-65
ACCESSION NR: AT5004661

and the mixed-polynomial distribution

$$\sum_{j=1}^m w_j \frac{m!}{x_1^{j_1} \dots x_m^{j_m}} p_{1j_1}^{x_1} \dots p_{mj_m}^{x_m} \quad (3)$$

$$\sum_{j=1}^m w_j = 1, \quad p_{1j_1} = 1 - p_{1j_1}$$

Card 2/6

L 40294-65

ACCESSION NR: 175004661

$$f_A(x) = W(x)$$

and satisfies

$$P_{ij} = \dots$$

for all i, j

$$P_{ij} = \dots$$

$$P_{ij} = \dots$$

the conditional mathematical expectation

$$h(j) \text{ is the limit of } \frac{x_j}{n} \text{ as } n \rightarrow \infty \tag{9}$$

$$h_{ij} = \frac{\frac{1}{m} \ln \left(\frac{p_{ij}}{p_{i0}} \right)}{\ln \left(\frac{p_{ij} p_{k0}}{p_{k0} p_{i0}} \right)}$$

if the distribution of $g_j(x)$ is approximated by the exponential function $W(x)$ as

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ACCESSION NO: AT5004661

is found from

This assertion is not proved. 4. If only the moments of first and second order

$$M_2^*(x) = \frac{1}{n} \sum_{i=1}^n x_i^2$$

where M_1^* is the mathematical expectation of X_1 .

$$\lambda_1 = \frac{\sigma_1^2 - p_1 q_1}{p_1}, \quad q_1 = 1 - p_1 \quad (15)$$

is the variance of the portion of defective items of the k -th category in the

batch. Analogously

$$P_2(x) \sim \sum_{i=1}^n \frac{x_i^2 - \lambda_1^2}{n - \lambda_1} \quad (16)$$

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2 40294-65

MISSION NR: AT5004661

... the average percent of ... together with ...
... together with ...
... together with ...
46 formulas.

SUBMITTED: 00

ENCL: 00

SUB CODE: MA

NO REF SOV: 002

OTHER: 001

ABDURAKHMANOV, YU.A.

27861. Biologiya i promyslovoye znacheniye kaspiyshogo usacha (*Carbus brachycephalus caspianus* berg.) Trudy zool. in-ta (akad. nauk azerbaydzh. SSR), T. XIII, 1949, s. 3-59. Na azerbayozh yaz--rezyune na rus.--Bibliogr: 50 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

ABDURAKHMANOV, Yu.A., kandidat biologicheskikh nauk (Baku)

Fish in the Mingeaur Reservoir. Priroda 45 no.2:104-105 F '56.
(MLRA 9:5)

1. Institut zoologii Akademii nauk Azerbaydzhanskoy SSR.
(Mingeaur Reservoir--Fish culture)

ABDURAKHMANOV, Yu.A.; NABIYEV, A.I.

Biological characteristics of fishes occurring in tail waters of the Mingechaur Hydroelectric Power Station and the effect of the regulated flow of the Kura River on their behavior and populations. Trudy Inst.zool.AN Azerb.SSR 20:5-69 '59.

(MIRA 12:10)

(Mingechaur Reservoir region--Fishes)

ABDURAKHMANOV, Yu. A.

New form of barbel from the lower Kura. Dokl. AN Azerb. SSR 16
no. 8: 801-803 '60. (MIRA 13:9)

1. Predstavleno akademikom AN Azerbaydzhanskoy SSR A. N. Derzhavinym.
(Kura River--Fishes)

ABDJRAKHMANTOV, Yu.A.

History of the formation of the present fresh-water fish populations
of Azerbaijan. Trudy Inst. sool AN Azerb. SSR 21:56-81 '60.

(MIRA 13:12)

(Azerbaijan--Fishes, Fresh-water)

ABDURAKHMANOV, Yu.A.

Biological characteristics of reproduction in fresh-water fishes
of Azerbaijan. Zool. zhur. 39 no.5:734-742 My '60.

(MIRA 13:10)

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

(Azerbaijan--Fishes)

ABDURAKHMANOV, Yu.A.

Acclimatization of sedentary populations of migratory fishes of
the Kura River in Mingechar Reservoir. Izv. AN Azerb. SSR. Ser.
biol. i med. nauk no.7:33-38 '61. (MIRA 16:7)
(MINGECHAUR RESERVOIR--FISHES)

ABDURAKHMANOV, Yu.A.; DERZHAVIN, A.N., akademik, red.; BUYANOVSKIY, G.,
red. izd-va; ISMAILOV, T., tekhn. red.

[Freshwater fishes of Azerbaijan] Ryby presnykh vod Azerbaid-
zhana. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR, 1962. 405 p.
(MIRA 15:5)

(Azerbaijan--Fishes, Freshwater)

ABDURAKHMANOV, Yu.A.

Transition of migratory fishes of the Kura River into nonmigratory forms in Mingechar Reservoir. Vop. ekol. 5:5-6 '62. (MIRA 16:6)

1. Institut zoologii AN Azerbaydzhanskoy SSR, Baku.
(Mingechar Reservoir--Fishes)

ABDURAKHMANOV, Yu.A.; KASYMOV, A.G.

Food relations of fishes in the basin of the Kura River. Zool.
zhur. 41 no.6:901-904 Je '62. (MIRA 15:7)

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

(Kura Valley--Fishes--Food)

MUSAYEV, M.A., red.; KASYMOV, A.G., kand. biol. nauk, red.;
ABDURAKHMANOV, Yu.A., kand. biol. nauk

[Hydrobiological and ichthyological studies in the southern Caspian Sea and inland bodies of water of Azerbaijan] Gidrobiologicheskie i ikhtiologicheskie issledovania na Iuzhnom Kaspii i vnutrennikh vodoemakh Azerbaidzhana. Baku, Izd-vo AN Azerbaidzhanskoi SSR, 1965. 168 p. (MIRA 18:6)

1. Akademiya nauk Azerbaydzhanskoy SSR, Baku. Institut zoologii. 2. Chlen-korrespondent AN Azerbaydzhanskoy SSR (for Musayev).

ABDURAKHMANOV, Yu.D.

Antitoxic function of the liver and the secretory function
of the stomach in pulmonary suppurations. Izv.AN Uz.SSR.
Ser.med. no.3:62-66 '59. (MIRA 12:8)

1. 11-ya gorodskaya bel'nitse, Tashkent.
(STOMACH--SECRETIONS) (LIVER) (LUNGS--ABSCESS)

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ACC NR: APGOT3345 (N) SOURCE CODE: UR/0363/66/002/004/0667/0669

AUTHOR: Abdurakhmanova, A.A.; Aliyev, M. I. f2

ORG: Physics Institute, Academy of Sciences Azerb. SSR (Fizicheskiy Institut Akademii nauk AzerbSSR) B

TITLE: Preparation and study of certain physical properties of solid solutions in the system Ga-Sb-Te v1

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 4, 1966

TOPIC TAGS: gallium alloy, antimony alloy, tellurium alloy, electric conductivity, Hall constant, thermoelectromotive force, thermal conduction

ABSTRACT: The electrical conductivity, Hall coefficient, thermoemf, and thermal conductivity of solid solutions GaSb-GaTe and GaSb-Ga₂Te₃ were studied in the 80-600K temperature range. The dependence of these parameters on the composition at 300K was also investigated. It is shown that the physical properties of these solid solutions are determined to a considerable extent by the characteristics of the initial tellurides. In the case of GaSb-GaTe, σ , α , and U remain almost unchanged during formation of the solid solution, but in the case of GaSb-Ga₂Te₃, they change substantially with the composition. The thermal conductivity, which is determined mainly by phonons, decreases strongly with the composition. In the solid solution GaSb-Ga₂Te₃, an additional scattering of phonons by the lattice vacancies

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UDC 546.3-19-68-86-24:541.12

L 32049-66

ACC NR: AP6013345

takes place, causing a lower thermal conductivity than in GaSb-GaTe. Orig. art. has:
3 figures.

SUB CODE: 11 / SUBM DATE: 25Jul65 / ORIG REF: 007 / OTH REF: 004

Card

2/2

SP

ABDURAKHMANOVA, M., delegat XII s"yezda profsoyuzov.

Perfect assistants. NTO no.5:51 My '59.

(MIRA 12:8)

1. Direktor pryadil'no-tkatskoy fabriki, g.Nomangan, UzSSR.
(Namangan--Textile industry)

ABSTRACT: Copolymerization of 0.4-0.6 mol 3-methyl-1-butene, 0.5 mol 2-methyl-1-butene, or 0.5 mol 2-methyl-2-butene, with 0.12-0.42 mol ethylene and of 0.5-1.2 mol 2-methyl-1-butene with 0.21-0.5 mol propylene at atmospheric pressure and 18-70C gave white, hard polymers, insoluble in organic solvents at 80C. Titanium tetrachloride and triethyl aluminum were used as composite catalysts in various concentrations and ratios. The polymers were characterized by infrared, x-ray fluorescence, and x-ray diffraction methods.

ABDURAKHMANOVA, Z.; YAKUBOVA, M.

Effect of water content in leaves on the intensity of photosynthesis and respiration. Trudy Otd. fiziol. i biofiz. rast. AN Tadzh. SSSR no.3:13-16 '63. (MIRA 16:9)

NASYROV, Yu.S.; ABDURAKHMANOVA, Z.N.; GILLER, Yu.Ye.

Interrelation between the photosynthesis and water metabolism in plants. Trudy Otd. fiziol. i biofiz. rast. AN Tadz. SSSR no.3:3-12 '63. (MIRA 16:9)

SHKOL'NIK, R.Ya.; ABDURAKHMANOVA, Z.N.; DOMAN, N.G.

Methods of isolating the products of an early stage of
photosynthesis. Dokl. AN Tadzh. SSR 6 no.5:40-45 '63.

(MIRA 17:4)

1. Otdel fiziologii i biofiziki rasteniy AN Tadzhikskoy SSR.
Predstavleno akademikom AN Tadzhikskoy SSR K.T.Poroshinym.

ABDULLAYEV, M.D.; ABDURAKHMANOVA, Z.S.

Combined effect of X rays and a growth substance of petroleum
origin on the rat sarcoma M-1. Vop. onk. 11 no.8:77-81 '65.
(MIRA 18:11)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo instituta
rentgenologii, radiologii i onkologii.

ABDURAYIMOV, R.K.; ABDUPASHIDOV, A.; KANABALAYEV, B.

Cathodic potentials during the evolution of hydrogen on nickel
electrodeposited in an ultrasonic field. Dokl. AN Uz.SSR 21
no. 11:36-38 '64. (MIRA 18:12)

1. Tashkent'skiy gosudarstvennyy pedagogicheskiy institut imeni
Nizami. Submitted Febr. 4. 1963.

MARTEM'YANOV, A.I.; ABDURASHIDOV, K.S.

Effect of the state of strain of a structure on the period of
its natural vibrations. Izv. AN Uz. SSR. Ser. tekhn. nauk 7 no.6:
41-49 '63. (MIRA 17:6)

1. Institut mekhaniki AN UzSSR.

MARTEM'YANOV, A.I.; ABDURASHIDOV, K.S.

Use of the instrument method in estimating the stability
of structures. Izv. AN Uz. SSR. Ser. tekhn. nauk 8 no.2:
50-58 '64. (MIRA 17:6)

1. Institut mekhaniki s Vychislitel'nym tsentrom AN UzSSR.

KARAYEV, M.A., dotsent, kand. tekhn.nauk; ABDURASHIDOV, S.A., red.;
SHTEYNGEL', A.S., red. izd-va; NASIROV, N., tekhn. red.

[Drill pumps for test drilling] Burovye nasosy strukturno-
poiskovogo bureniia. Baku, Azerbaidzhasnskoe gos. izd-vo,
1961. 112 p. (MIRA 15:4)
(Boring--Equipment and supplies) (Pumping machinery)

ABDURASHIDOV, T. R.

Abdurashidov, T. -- "Effect of the Complex of Nonsugars of Refined Cane Sirup on the Solubility and Rate of Crystallization of Saccharose."
Cand Tech Sci, Central Asia Polytechnic Inst, Tashkent 1953. (Referativnyy Zhurnal--Khimiya, No 1, Jan 54)

So: SUM 168, 22 July 1954

ZELIKMAN, I.F.; ABDURASHIDOV, T.R.

Characteristics of nonsugars of the sugar-cane manufacture.
Sakh.prom. 34 no.9:19-22 S '60. (MIRA 13;9)

1. Sredneaziatskiy politekhnicheskiy institut.
(Sugar--By-products)

ARDURASHITOV, Ch.U.

Some data on oil and gas potentials of upper Cretaceous sediments in the northern slope of the southeastern Caucasus. Izv. vys. ucheb. zav.; neft' i gaz 3 no.9:13-19 '60. (MIRA 14:4)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
(Caucasus--Petroleum geology)
(Caucasus--Gas, Natural--Geology)

ABDURASHITOV, Ch.U.

Possible factors determining the accumulation of oil and gas in Cretaceous sediments of the Tenginsk-Beshbarnak strip (Caspian-Kuba region). Izv. vys. ucheb. zav.; nef't' i gaz 4 no.5:3-7 '61.

(MIRA 15:2)

1. Azerbaydzhanskiy institut nef'ti i khimii im. M.Azizbekova.
(Azerbaijan--Petroleum geology) (Azerbaijan--Gas, Natural--Geology)

ABDURASHITOV, Ch.U.

Special features of the geological development of the Tenginsk-Beshbarmak zone of the Caspian Kuba region in the Cretaceous period. Izv.vys.ucheb.zav.; neft' i gaz 6 no. 12:13-15 '63.
(MIRA 17:5)

1. Azerbaydzhanskiy institut nefti i khimi im. M.Azizbekova.

ATAULLAYEV, N.A.; ABOLINA, G.I.; TURSUNOV, S.; ABDURASHITOV, K.

Effect of ultrasound on the development of melons. Uzb. biol. zhur.
6 no.2:25-29 '62. (MIRA 15:4)

1. Gosudarstvennyy pedagogicheskiy institut imeni Nizami.
(PLANTS, EFFECT OF ULTRASONIC WAVES ON) (MELONS)

GAFUROV, A.T.; AYKHODZHAYEV, T.T.; ABDURASHITOV, K.; TURSUNOV, S.;
KOVAL'SKIY, N.I.; MULLOKANDOV, R.N.; REZNIK, G.F.; YAKUBOV, L.M.

Change of certain characteristics of cotton and kenaf under the
action of ultrasound. Prim. ul'traakust. k issl. veshch. no.14:
121-127 '61. (MIRA 14:12)

(Ambary hemp) (Cotton)
(Ultrasonic waves--Industrial applications)

S/275/63/000/001/033/035
D413/D308

AUTHORS: Ataullayev, N. A., Abolina, G. I., Tursunov, S. and Abdurashitov, K.

TITLE: The effect of ultrasonic vibration on the development of melons

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye, no. 1, 1963, 18, abstract 1V 131 (Uzb. biol. zh., no. 2, 1962, 25-29 (summary in Uzb.))

TEXT: The authors have studied the effect of ultrasonic waves on the seeds of the Kokcha type of melon. The melon seeds were first steeped in water for 24 hours at room temperature. The ultrasonic treatment of the seeds was carried out at frequencies of 1 Mc/s, 1.25 Mc/s and 23 kc/s with exposures of 1, 3, 6, 9 and 12 minutes. The experimental results showed for example, that ultrasonic treatment of the seeds at 1 Mc/s for an exposure of 3 - 4 minutes stimulates the growth and development of the plants, and in individual cases raises the productivity by 20-40%. [Abstracter's note: Complete translation.]
Card 1/1

ACC NR: AR6023331 SOURCE CODE: UR/0250/06/000/005/0056/0057

AUTHOR: Mirbabayev, V.; Abdurashitov, K.; Tursunov, S.

TITLE: Stabilization of the dimensions of Kapron parts in an ultrasonic field

SOURCE: Ref. zh. Khimicheskoye i kholodil'noye mashinostroyeniye, Abs. 3.47.408

REF SOURCE: Tr. I-y Mezhevuz. nauchn. konferentsii po primeneniyu molekul. akust. k issled. veshchestva i v nar. kh-ve. Tashkent, 1964, 273-275

TOPIC TAGS: ultrasonic irradiation, Kapron *capron*

ABSTRACT: The paper gives a brief description of the method and results of the use of an ultrasonic device for stabilizing the dimensions of bushings of K-21 Kapron by treatment in an ultrasonic field in a machine-oil medium. The thermal treatment of the bushings was carried out at vibration frequencies of 23.5 Kc, a temperature of $130 \pm 5^{\circ}\text{C}$, and exposures of 5, 15, and 25 min. The experiments showed that thermal treatment in an ultrasonic field sharply reduces the duration of the heating, which amounts to 5-25 min instead of the 2-4 hr required in the absence of ultrasound. An increase in the stability of the dimensions of the bushings as compared to ordinary methods of treatment, and also an improvement in the plasticity and strength of the parts were observed. However, the studies showed an inadequate stability in many cases. N. Solov'yev. [Translation of abstract]

SUB CODE: 11

Card 1/1 MLP

ABDURASHITOV, R.F.

Comparative chemical and immunological evaluation of the results of treating acute dysentery with tetracycline and a combined method (tetracycline, vaccine and pentoxyl). Sov. med. 27 no.12:47-51 O '64. (MIRA 18:11)

1. Kafedra infektsionnykh bolezney (zav.- prof. K.V. Bunin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova na baze 7-y Moskovskoy klinicheskoy infektsionnoy bol'nitsy.

ABDURASHITOV, R.F.

Dynamics of the titers of preventive antibodies and the hemagglutination reaction in acute dysentery under conditions of immunotherapy and treatment with antibiotics. Zhur. mikrobiol., epid. i immun. 42 no.7:72-76 J1 '65. (MIRA 18:11)

1. I Moskovskiy meditsinskiy institut i 7-ya Moskovskaya gorodskaya klinicheskaya infektsionnaya bol'nitsa.

MAMEDOV, A.K.; ABDURASHITOV, S.A.

Experimental investigation of the effect of capillary over
pressures on the flooding of nonpolar liquids from a porous
media. Izv. vys. uchob. zav.; neft' i gaz ' no.5:73-77 '64.

(MIRA 17:9)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

ABDURASHITOV, S.A.; TUPICHENKOV, A.A.

Experimental determination of losses in pipelines during the flow
of liquified hydrocarbon gases. Izv. vys. ucheb. zav.; neft' i gaz
4 no.5:117-122 '61. (MIRA 15:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.
(Liquefied petroleum gas--Pipelines)

ABDURASHITOV, S. A.

USSR / Cultivated Plants. Cereals.

11

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34643

Author : Abdurashitov, S. A.

Inst : Not given

Title : Raising the Resistance to Cold in Corn by Means of Pre-Sowing Treatment of Seeds with Solutions of Tracer Elements.

Orig Pub : Botan. zh., 1957, 42, No 7, 1099-1106

Abstract : The study dealt with the effect of tracer elements on physiological processes in corn plants under sandy cultivation. In the three-leaf phase, plants were subjected during 3 hours to the action of a temperature ranging from 0° to 0.5°C. Considerably smaller damage by low temperatures was observed in plants raised from seeds treated with ...

Card 1/3

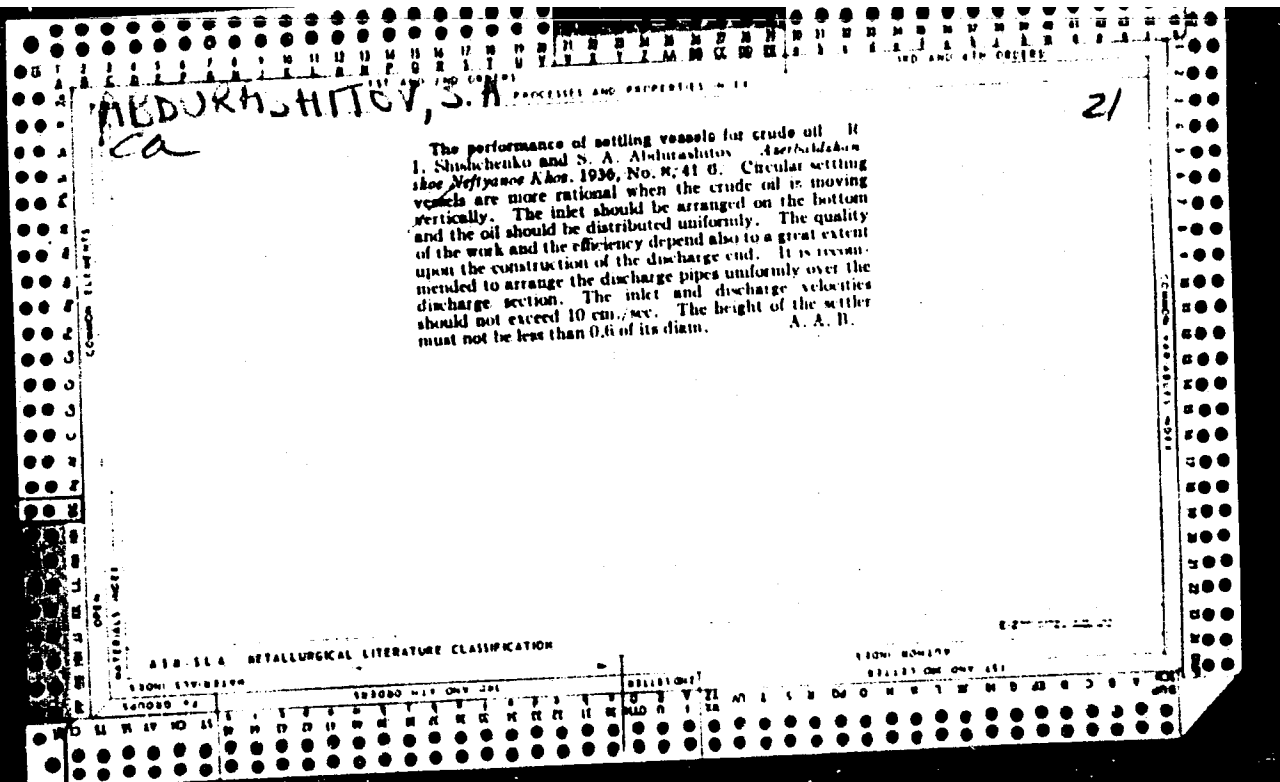
USSR / Cultivated Plants. Cereals.

11

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34643

variants with application of Mo, Zn and Cu. The increase of resistance to cold under the effect of tracer elements appears to be the consequence of the increase in the content in carbohydrates, hemicellulose and ascorbic acid in plants, and also of the intensification of the acidifying regeneration process. -- I. N. Zaikina.

Card 3/3



ABDURASHITOV, S. A.
CA

22

Influence of organic solvents on the filtration rate of asphalt-base crude oils in an oil-bearing stratum. I. S. A. Abdurashitov. *Trudy Energet. Inst. im. I. G. Kuz'men'ko. Akad. Nauk Azerbaidzhan. S.S.R.* 7, 65-72 (1948). It has been suggested that injection of Al sulfonate (I) or Al naphthenate (II) into oil-bearing strata would reduce the viscosity and surface tension of oil and thereby facilitate flow of oil toward the well. To verify this, 0.005-0.1% of I or 0.005-0.4% of II in the form of a 10% or 25% soln., resp., was added to 4 different crude oils from the Baku fields. Tabulation of results shows a slight increase in sp. gr. and total acidity, slight reduction in viscosity within the temp. range used (25-70°), and a slight change in surface tension with respect to air and water. The filtration rate through a layer of oil-saturated sand is somewhat higher with I and lower with II, compared to oil alone. Thus no appreciable benefit is to be expected in practice. Bruno C. Metzner

ASD-55A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED		SERIALIZED		INDEXED		FILED	
Y	N	Y	N	Y	N	Y	N

ABDURASHITOV, S.A., professor; KAPRIYEV, S.G.

Hydraulic losses in drill casings. Trudy Azerb. ind. inst. no.8:
33-41 '54. (Oil well drilling) (MIRA 9:10)

ABDURASHITOV, S. A. Cand Biol Sci -- (diss) "The importance of microcells
in the ~~mutability~~ ^{confined} and ~~increase~~ ⁱⁿ cold-resistance." ~~of some~~ Len, 1958, 24 pp
(Acad Sci USSR. Botanical Inst im V. L. Komarov), 135 copies (KL, 13-58, 94).

SHKOL'NIK, M.Ya.; ABDURASHITOV, S.A.

Effect of trace elements on the synthesis and translocation of
carbohydrates [with summary in English]. Fiziol.rast. 5 no.5:393-399
S-O '58. (MIRA 11:11)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Plants, Effect of minerals on) (Plants, Motion of fluids in)
(Carbohydrate metabolism)

SHKOL'NIK, M.Ya., doktor biol. nauk; ABDURASHITOV, S.A., kand. biol.
nauk.

Effect of trace elements on seed germination and on cold resistance
of corn shoots. Zemledelie 7 no.12:69-70 F '59.

(MIRA 12:3)

(Corn (Maize)) (Plants--Frost resistance)

ABDURASHITOV, S.A.; KARAYEV, M.A.

Correct number of supporting rollers in the installation of
"Burvod 3" sucker rods. Izv. vys. ucheb. zav.; neft' i gaz no.1:
157-162 '58. (MIRA 11:8)

1. Azerbaydzhanskiy industrial' institut im. M. Azisbekova.
(Sucker rods)

ABDURASHITOV, S.A.

Hydraulic losses in perforations of tricone bits used in exploratory drilling of oil traps. Izv.vys.ucheb.zav.; neft' i gaz 1 no.12:105-109 '58. (MIRA 12:4)

1. Azerbaydzhanskiy industrial'nyy institut im. M.Azizbekova.
(Oil well drilling fluids) (Boring machinery)

ABDURASHITOV, S.A.

~~ABDURASHITOV, S.A.~~
Coefficient of local resistance in parts of the circulating system
of drilling equipment. Izv. vys. ucheb. zav.; neft' i gaz no.4:33-36
'58. (MIRA 11:9)

1.Azerbaydshanskiy industrial'nyy institut im. M. Azizbekova.
(Oil well drilling fluids)

ABDURASHITOV, S.A.; ABDULVAGABOV, A.I.; GURDZHINYAN, L.D.

Filtration of petroleum products through sawdust. Izv.vys.ucheb.zav.;
neft' i gaz. no.7:91-93 '58. (MIRA 11:11)

1. Azerbaydzhanskiy institut im M. Azizbekoba.
(Filters and filtration)

ABDURASHITOV, S.A.; TARTAKOVSKAYA, M.D.; ABDULVAGABOV, A.I.; GURDZHINYAN,
L.D.

Studying hydraulic parameters of oil rectifiers. Izv. vys.
ucheb. zav.; neft' i gaz 2 no.5:99-106 '59. (MIRA 12:8)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.
(Filters and filtration)

ABDURASHITOV, S.A.; ABDULVAGABOV, A.I.; GURDZHINYAN, L.D.; TARTAKOVSKAYA,
M.D.

Testing an industrial model of a fine purification filter.
Izv.vys.uceb.zav.; neft' i gaz 2 no.9:89-91 '59.
(MIRA 13:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azisbekova.
(Filters and filtration)

ABDURASHITOV, S.A.; VERSHININ, I.M.

Results of experimental testing of vortex pumps. Izv.vys.
ucheb.zav.; neft' i gaz 2 no.11:107-114 '59.
(MIRA 13:4)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.
(Pumping machinery)

ABDURASHITOV, S.A., doktor tekhn.nauk, prof.; KARAYEV, M.A., kand.tekhn.
nauk; ALESKEROV, A.M., inzh.

Centrifugal pressure regulator. Izv.vys.ucheb.zav.; energ. 3
no.1:100-105 Ja '60. (MIRA 13:1)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.
Predstavlena kafedroy gidravliki i gidravlicheskikh mashin.
(Pressure regulators)

ABDJRASHITOV, S.A.

Physical parameters of reservoir waters recommended as a circulating agent for oil wells. Izv.vys.ucheb.zav.; neft' i gaz 3 no.2:69-71 '60. (MIRA 13:6)

1. Azerbaydzhanskiy institut nefti i khimii im. M Azizbekova.
(Oil field brines) (Oil well drilling fluids)

ABDURASHITOV, S.A., doktor tekhn. nauk prof.; KARAYEV, M.A., kand. tekhn. nauk;
ALESKEROV, A.M., inzh.

Power used by the central pressure regulator. Izv. vys. ucheb. zav.
energ. 3 no.2:99-102 F '60. (MIRA 13:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova. Pred-
stavlena kafedroy gidravliki i gidravlicheskih mashin.
(Pressure regulators)

ABDURASHITOV, S.A. (Baku); KARAYEV, M.A. (Baku)

Determining the capacity of water conduits with oval cross section.
Vod. i san. tekhn. no.5:9-11 My '61. (MIRA 14:6)
(Water pipes)

ABDURASHITOV, S.A.; ABDULVAGABOV, A.I.

Relationship between the coefficient of hydraulic resistance and the Reynolds parameter during flow. Izv. vys. ucheb. zav.; neft' i gaz
4 no.3:91-97 '61. (MIRA 16:10)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

ABDURASHITOV, S.A.; VERSHININ, I.M.

Possibility of establishing operating characteristics for vortex pumps. Izv. vys. ucheb. zav.; neft' i gaz 4 no.6:117-121 '61.
(MIRA 15:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.
(Pumping machinery)

SHKOL'NIK, M.Ya.; ABDURASHITOV, S.A.

Effect of trace elements on the development and oxidation-reduction processes in corn during ontogenesis. Fiziol. rast. 8 no.4:425-433 '61. (MIRA 14:11)

1. Komarov Botanical Institut, U.S.S.R. Academy of Sciences, Leningrad.

(Corn(Maize))
(Trace elements--Physiological effect)
(Plants--Respiration)

ABDURASHITOV, S.A.; VERSHININ, I.M.

Increasing the efficiency of vol. bez pumps. Sher.nauch.-tekh.inform.
Azerb.inst.nauch.-tekh.inform.Ser.Mashinostroi.prom. no.1:24-25 '62.
(MIRA 18:8)

1. Azerbaydzhanskly Institut nefli i khimii im. M.Azizbekova.

KARAYEV, M.A.; ABDURASHITOV, S.A.

Determining the volume of the compressible element in a compensator-damper of hydraulic hammer. Izv.vys.ucneb.zav.; neft' i gaz 5 no.2:95-100 '62. (MIRA 15:7)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova. (Pipelines—Hydrodynamics)

ABDURASHITOV, S.A.; LYAPIN, Yu.N.; GAFAROV, B.S.

Proportioning DN-2 pump. Izv.vys.ucheb.zav.; neft' i gaz 5 no.12:
77-79 '62. (MIRA 17:4)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova i
Nauchno-issledovatel'skiy i proyektnyy institut "Neftekhimavtomat".

SYROMYATNIKOV, I.A.; MAMIKONYANTS, L.G.; MAMEDOV, A.M.; KULI-ZADE, K.N.;
ABDURASHITOV, S.A.; DZHUVARLI, Ch.M.; RUSTAM-ZADE, P.B.; GUSEYNOV,
F.G.; GAZAR'YAN, S.I.; EGENDI-ZADE, A.A.; ALI-ZADE, A.S.

B.P. Al'bitskii; obituary. Elektrichestvo no.12:88 D '62.

(MIRA 15:12)

(Al'bitskii, Boris Petrovich, 1887-1962)

ABDURASHITOV, S.A.; VERSHININ, I.M.

Method for converting the characteristics of vortex pumps
from water to viscous fluids. Izv.vys.ucheb.zav.; neft' i
gas 5 no.4:87-91 '62. (MIRA 16:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azisbekova.
(Oil well pumps)

ABDURASHITOV, Suleyman Abdulkhairovich; TARTAKOVSKAYA, Mariya
Davidovna; KARAYEV, M.A., red.

[Manual for laboratory work in the general course of
hydraulics] Rukovodstvo dlia laboratornykh rabot po ob-
shchemu kursu gidravliki. Baku, Azeruchpedgiz, 1962. 122 p.
(MIRA 17:4)

ABDURASHITOV, S.A.; TENENGOL'TS, S.M.

Investigating hydraulic parameters of the filter for purifying sea water from mechanical admixtures. Za tekh.prog. 3 no.8:31-34
Ag '63. (MIRA 17:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Asizbekova (for Abdurashitov). 2. Neftpromyslovoye upravleniye imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza (for Tenengol'ts).

ABDURASHITOV, S.A.; VERSHININ, L.M.

Method for converting the characteristics of blade pumps from water to viscous fluid. Izv. vyz. ucheb. zav.; neft' i gaz 6 no.7:113-118 '63. (MIRA 17:8)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

ABDURASHITOV, S.A.; TUPICHENKOV, A.A.

Limits of condition zones in movement of low-viscosity fluids
in steel pipes. Izv. vys. ucheb. zav.; neft' i gaz 7 no.10:
75-78 '64. (MIRA 18:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

ABDURASHITOV, S.A.; AVANESYAN, V.G.

Experimental investigation of the physical properties of
emulsion oils. Izv.vys.ucheb.zav.; neft' i gaz 7 no. 1:77-
80 '64. (MIRA 17:7)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.

ASHURACHITOV, S.A.; KUROV, I.N.

Controlling oil losses in the waste waters of petroleum refineries.
Izv.vys.ucheb.zav.; neft' i gaz 7 no.4:198 16a. (MIRA 1716)

1. Azerbaydzhanskiy Institut nefti i khimii imeni M.Azizbekova.

MAMEDOV, A.K.; ABDURASHITOV, S.A.

Mechanism of the single-sided mixed displacement of nonpolar fluids from a porous media. Izv. vys. ucheb. zav.; neft' i gaz 7 no.9:83-88 '64. (MIRA 17:12)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

SAIDOV, M.G.; ABDURASHITOV, S.A.

Investigating the hydraulic parameters of the valves of piston
direct-action steam pumps operating on viscous fluids. Izv. vys.
ucheb. zav.; neft' i gaz 8 no.4:73-77 '65. (MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

GUDNIN, N.N.; ABDURASHITOV, S.A.; KARAYEV, M.A.

Possibility of predicting the conditions for suction of offshore oil field pumping stations in connection with the drop in the level of the Caspian Sea. Izv. vys. ucheb. zav.; neft' i gaz 8 no.6:89-90 '65.
(MIRA 18:7)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

ABDURASHITOV, S.A., doktor tekhn. nauk, prof.; VERSHININ, I.M., inzh.,
STREL'TSOV, V.P., inzh.

Converting characteristics of centrifugal pumps from water to
a viscous fluid. Vest. mashinostr. 45 no.1:26-28 Ja '65.
(MIRA 18:3)

L 06053-67
ACC NR: AF6028094 SOURCE CODE: UR/0314/66/000/006/0010/0011

AUTHOR: Abdurashitov, S. A. (Doctor of technical sciences); Beletskiy, D. G. (Candidate of technical sciences); Gudnin, N. N. (Engineer); Zhemchugov, V. N. (Engineer) 28 B

ORG: none

TITLE: Effect of the roughness of working rotor channels on the characteristics of a centrifugal pump

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 6, 1966, 10-11

TOPIC TAGS: centrifugal pump, surface roughness

ABSTRACT: The aim of the work was a quantitative determination of the magnitude of the loss in head, H, and the power required, N, as functions of the roughness of the individual surfaces of the channel of the working rotor. At the start, experiments were carried out on a Type 3K-6 pump. The working rotor was carefully cleaned of paint, after which the roughness of the channels was determined by the impression method. The characteristics of the pump were then determined on a plant testing unit. To decrease the roughness of the surfaces, use was made of a specially designed and constructed unit (See Fig. 1)

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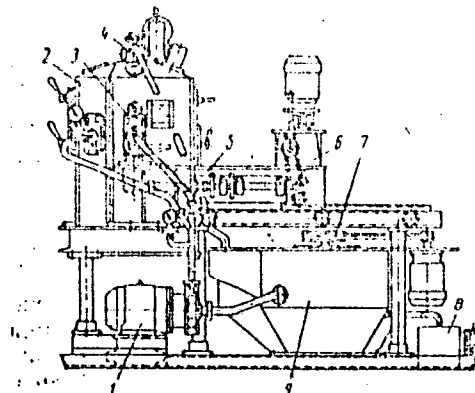


Fig. 1. Hydrojet abrasion unit

With reference to the figure, the abrasive slurry, consisting of an abrasive in water at a volume ratio of 1:7(1:10) is fed onto the piece being treated by rubber lined electric pumps 1, Type TsNFU-12/65-Gum, through lateral 3, and upper 4 jets. The piece being treated is placed in chamber 2, and rotated at a speed of 4 rev/min. After polishing of the rotor on the unit described, the characteristics of the pump were again determined. The article gives curves showing the change in the characteristics of the pumps as a function of the degree of treatment of the working rotor. It is

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demonstrated that reducing the roughness of the surfaces of the channels makes it possible to reduce the expenditure of electric power. Orig. art. has: 4 figures. 0

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