

AGINOV, E.A.

*Results of experiments in introducing Caropodium into Azerbaijan.
Trudy Inst. bot. AN Azerb. SSR 22:91-113 '60. (Ill. 14:2)
(Azerbaijan--Caropodium)

RAGIMOV, M.A.

Abnormalities in some plants. Izv. AN Azerb. SSR. Ser. biol. i
med. nauk no.3:33-39 '60. (MIRA 13:7)
(ABNORMALITIES (PLANTS))

RAGIMOV, M.A.

Culture of Jerusalem artichoke in Azerbaijan. Izv.AN Azerb.SSR.
Ser.biol.i med.nauk. no.5:17-22 '62. (MIRA 15:9)
(AZERBAIJAN--JERUSALEM ARTICHOKE)

RAGIMOV, M.A.

Results of experiments in introducing the nightshade ~~Solanum~~
aviculare in Azerbaijan [in Azerbaijani with summary in English].
Trudy Inst. bot. AN Azerb. SSR 23:106-122 '62. (MIRA 16:2)
(Azerbaijan—Nightshade)
(Azerbaijan—Plant introduction)

SHERSTNEV, N.M.; ASKEROV, A.G.; RAGIMOV, N.A.

Water permeability of clay coatings. Sbor. nauchn.-tekh. inform.
Anerb. inst. nauch.-tekh. inform. Ser. Neft: prom. no.6:86-94 '63.
(MIRA 18:9)

L 29855-66 EWT(m)/EWP(j) JAJ/RM

ACC NR: AP6013212

SOURCE CODE: UR/0421/66/000/002/0130/0132

AUTHOR: Ragimov, O. P. (Baku); Rafibeyli, N. M. (Baku)

ORG: none

TITLE: Determination of the dynamic saturation pressure of a mixture of isooctane and carbon dioxide in the presence of a porous medium

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 2, 1966, 130-132

TOPIC TAGS: carbon dioxide, porosity

ABSTRACT: The experiments were conducted in a specially built unit consisting of a mercury press, a high pressure vessel with a porous medium, thick wall vessels for mercury and air, standard manometers, a device for determination of the amount of gas in solution, a magnetic differential manometer, and a thermostat. A diagram of the equipment is shown. The porous medium was quartz sandstone, previously washed and dried. The experiments were run on samples having an initial permeability of 0.1, 0.6, and 2.6 darcies. The experimental results are given in a table. These results include measurements of the dynamic saturation pressure, in the presence of a porous medium; it was found

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ACC NR: AP6013212

to be 10-15 bar higher than the static saturation pressure, determined in the absence of a porous medium, and 5-10 bar higher than the static saturation pressure, determined in the presence of a porous medium. With an increase in the initial permeability the effect of the porous medium on the value of the saturation pressure decreases. "The author thanks A. Kh. Mirzadzhanzade for proposing the work and for his direction during its completion." Orig. art. has: 3 figures and 3 tables.

SUB CODE: 20/ SUBM DATE: 19Dec64/ ORIG REF: 003

Card 2/2 *W*

1980, p. 11.

1. Differential X-ray diagnosis of the right side of the colon.
Fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15. (MIRA 12:7)

2. In Institutu rentgenologii, radiologii i onkologii Ministerstva
zdravookhraneniya AzSSR (direktor - prof. M.M. Alkishibevy).

RAGIMOV, R.N., kand. med.nauk

Significance of pneumoperitoneum in the X-ray examination of
the right half of the large intestine, Azerb. med. zhur. 40
no.11:43-48 N '63. (MIRA 17:10)

1. Iz Instituta rentgenologii i radiologii Ministerstva
zdravookhraneniya AzSSR (dir.- prof. M.M. Alikishibekov).

YEFENDIYEV, F.A.; AKHUNDOVA, A.M.; TER-MKRTYCHEVA, O.Kh.; RAGIMOV, Sh.R.

Clinical observations on the use of bone marrow transplantation in
the treatment of various diseases of the blood system. Probl. gemat
i perel. krovi 6 no.2:30-33 '61. (MIRA 14:2)

(MARROW—TRANSPLANTATION) (LEUKEMIA)
(ANEMIA)

RAGIMOV, Sh.R., vrach

Activity of some restorative enzymes following blood transfusion.
Azerb. med. zhur. no.6:50-55 Je '60. (MIRA 14:1)

1. Iz kliniko-gematologicheskogo otdeleniya (nauchnyye rukovoditeli -
chlen-korrespondent AN Azerbaydzhanskoy SSR, zasluzhennyy deyatel'
nauki, prof. D.M. Abdullayev i dotsent T.D.Gaibov) Azerbaydzhanskogo
nauchno-issledovatel'skogo instituta gematologii i perelivaniya
krovi (direktor - dotsent G.A. Guseynov).
(ANEMIA) (BLOOD--TRANSFUSION). (ENZYMES)

RAGIMOV, Sh.R.

Basal metabolism following blood transfusion in patients with anemias of varying etiology. Azerb. med. zhur. no. 3:47-51 Mr '61.

(MIRA 14:4)

1. Iz kliniko-gematologicheskogo otdeleniya (nauchnyy rukovoditeli-chlen-korrespondent AN Azerbaydzhanskoy SSR, prof. D.M. Abdullayev, dotsent T.D. Gaibov) Azerbaydzhanskogo nauchno-issledovatel'skogo instituta gematologii i perelivaniya krovi (direktor - dotsent G.A. Guseynov).

(METABOLISM) (BLOOD—TRANSFUSION) (ANEMIA)

RAGIMCV, Sh.S.

One feature of μ group velocities of Rayleigh waves. Dokl.AN Azerb.
SSR 16 no.2:133-136 '60. (MIRA 13:8)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN
AzerSSR Z.I.Khalilovym.
(Seismic waves)

RAGIMOV, A.M., provizor

Make sure that the work of pharmaceutical inspectors is productive.
Apt.delo 5 no.4:36-37 J1-Ag '56. (MLRA 9:9)

1. Zaveduyushchey otdelom aptechnoy seti Glavnogo aptechnogo
upravleniya Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR.
(PHARMACY)

BEREZIN, I.V.; RAGIMOVA, A.M.

Formation of esters during liquid-phase oxidation of octadecane.
Dokl. AN Azerb. SSR 15 no.9:815-819 '59. (MIRA 13:2)

1.Kafedra khimicheskoy kinetiki Moskovskogo gossudarstvennogo universiteta
imeni Lomonosova. Predstavleno akademikom AN Azerbaydzhanskoj SSR M.F.
Nagiyevym.

(Octadecane)

BEREZIN, I.V.; RAGIMOVA, A.M.

Studying the reactions of certain intermediate products in the process of liquid phase oxidation of octadecane. Dokl. AN Azerb. SSR 15 no. 11:1015-1017 '59. (MIRA 13:4)

1. Moskovskiy gosudarstvennyy universitet. Predstavleno akademikom AN Azerbaydzhanskoy SSR M.F. Nagiyevym. (Esterification) (Decanoic acid)

RAGIMOVA, A. M. Cand Chem Sci -- (diss) "Study of ~~the~~ reactions of the basic
intermediary products of ^{the} liquid-phase oxidation of octadecane~~l~~." Mos, 1959
8pp (Mos State Univ im M. V. Lomonosov. Chem Faculty. Chair of Chem Kinetics),
150 copies (KL, 49-59, 138)

L 25351-65 EWT(m)/EPF(c)/T Pr-4 DJ/WE

ACCESSION NR: AR4039577

S/0081/64/000/005/P027/P028

SOURCE: Ref. zh. Khimiya, Abs. 5P188

AUTHOR: Ragimov, F. M.

TITLE: Utilization of the alkaline residues from the purification of fuel and lubricating oils at the Bakinskiy zavod im. A. Karayeva (Baku refinery)

CITED SOURCE: Sb. nauchno-tekh. inform. Azerb. in-t nauchno-tekh. inform., vy*p. 4, 1962. Neftepererabat. i khim. prom-st', 14-17

TOPIC TAGS: petroleum refining, alkaline residue, fuel oil, lubricating oil, acidol, soap naphtha, naphthenic acid, kerosene leaching, diesel oil leaching

TRANSLATION: The author describes the procedure for the production of acidol-50, soap naphtha, acidol soap naphtha and distilled naphthenic acids. Acidol-50 was obtained from the alkaline residues of the neutralization of acid transformer, spindle and machine oils derived from Balakhna oils and Romashkin petroleums; the residues were allowed to stand for separation of the excess oil, treated with dilute H2SO4, and allowed to stand again, after which the Na2SO4 was removed and the mixture was boiled to remove water. Soap naphtha was prepared from the alkaline residues of the leaching of kerosenes and diesel fuels by sedimentation at

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75-80C to remove the oil followed by evaporative concentration. In order to obtain acidol soap naphtha, after the oil was removed from the alkaline residues of the leaching of kerosenes and diesel fuels, they were treated with H_2SO_4 at 60-65C, mixed with air and concentrated by evaporation. Distilled naphthenic acids were obtained by the vacuum distillation of acidol (from the alkaline residues of kerosene) by heating the raw material to 240-270C with a vacuum of 700-720 mm Hg (below atmospheric pressure) at the top of the column. Laboratory and industrial experiments demonstrated the possibility of utilizing the alkaline residues from the leaching of other oils and gasolines to replace NaOH in the production of the deemulsifying agent NChK. A. R.

SUB CODE: FP

ENCL: 00

Card 2/2

M

Country : USSR
Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100224

Author : Seidova, Kh.; Ragimov, G.

Inst : -

Title : The Influence of Mineral Fertilizers on the Yield of Winter Wheat on Eroded and Uneroded Soils of Shemakhinskiy Rayon.

Orig Pub: Sots. s. kh. Azerbaydzhana, 1957, No 8, 25-27

Abstract: Data of the Soil Erosion Station of the Academy of Sciences of Azerbaydzhana SSR. Upon application of mineral fertilizers (N₅₀P₅₀), an increase of 42.8% was obtained in the yield of winter wheat on eroded soils and 24.5% on uneroded ones. In the control the

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APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001344020001-6

Country : USSR
Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100224

yield on eroded soils was lower than on uneroded ones. With improved conditions of soil nutrition, the aerial part and the root system of the plants develop more intensively, which protects the tillage layer from erosion.
-- O.A. Gorbunova

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Dismissal For Violating Labor Laws

SOV/92-59-2-27/40

tolerate violations of safety rules and labor protection regulations. Members of the Trade Union are invited to see to it that the administration without fail complies with rules and regulations and ensures sound conditions of work.

ASSOCIATION: NPU Gyurgyanneft' Petroleum Production Administration)

Card 2/2

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; IVANOVA, Ye.I., aspirantka; BAGIROV, G.D.; IGAMBERDYEV, Kh., aspirant; TKACH, M.T., agronom; IBAGIMOV, G. R., doktor sel'skokhoz. nauk; ASKEROVA, T.Z.; mladshiy nauchnyy sotrudnik; KOSHKAROVA, D.D., mladshiy nauchnyy sotrudnik; KASUMOV, V.G., mladshiy nauchnyy sotrudnik; RAGIMOV, I.R., mladshiy nauchnyy sotrudnik;

From practices in using poisonous chemicals. Zashch. rast. ot. vred. (MIRA 17:6)
i bol. 9 no.5:22-24 '64.

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin).
2. Sibirskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta maslichnykh i efiromaslichnykh kul'tur, Isil'kul', Omskoy oblasti (for Ivanova).
3. Azerbaydzhanskiy institut zashchity rasteniy, Kirovabad (for Bagirov).
4. Surkhandar'inskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya (for Igamberdyev).
5. Kuybyshevskiy punkt ucheta i prognozov (for Tkach).
6. Azerbaydzhanskiy institut zashchity rasteniy (for Ibragimov, Askerova, Koshkarova, Kasumov, Ragimov).
7. Nachal'nik otryada po bor'be s vreditel'nyami i boleznymi rasteniy Chistopol'skogo rayona Tatarskoy ASSR (for Mironov).

RAGIMOV, K.S.

Reclamation of steep slopes by strip tillage in Shemakha District.
Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.6:97-105 '61.
(MJRA 14:8)

(SHEMAKHA DISTRICT—TILLAGE) (SOIL CONSERVATION)

RAGIMOV, K.S.

Dynamics of humus in soil under grassland-cotton rotation systems.
Izv.AN Azerb. SSR. Ser. biol.i med.nauk no.1:81-90 '60. (MIRA 14:5)

(HUMUS)

(COTTON GROWING)

RAGIMOV, K.S.

Dynamics of soil structure in cotton-grassland rotations. Izv.
AN Azerb.SSR Ser.biol.i sel'khoz.nauk no.3:95-109 '59.

(MIRA 12:8)

(Azerbaijan--Soil structure) (Rotation of crops)
(Grasses)

SEIDOVA, Kh.K.; RAGIMOV, K.S.

Effect of a growth-promoting substance of petroleum origin on
the development and green bulk yield of corn. Dokl. AN Azerb. SSR
15 no.3:245-248 '59. (MIRA 12:5)
(Corn--Fertilizers and manures)
(Growth promoting substances)

RAGIMOV, K. S.

"Dynamics of the Conditions and of Some Elements of Soil Fertility Under Irrigated Conditions in the Western Region of Azerbaydzhan." Cand Agr Sci, Moscow Agricultural Acad, Moscow, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

RAGIMOV, M.A.; MAKHMUDOV, A.A.

Economic effectiveness of the cultivation of Caropodium in
Azerbaijan. Izv.AN Azerb.SSR.Ser.biol. i sel'khoz. nauk no.1:3-8
' 59. (MIRA 12:1)

(Azerbaijan--Caropodium)

RAGIMOV, M.A.

Biology of flowering and ripening of fruit in *Caropodium platycarpum*.
Trudy Inst.bot.AN Azerb.SSR 20:97-109 '57. (MLRA 10:10)
(Shakhbuz District--*Caropodium*) (Plants, Flowering of)

RAKIMOV, K.

Rakimov, K. - "Sprouts of certain weeds on the cotton fields of Azerbaijan", Trudy Botan. In-ta (Akad. nauk Azerbayzh. SSR), Vol. XIV, 1949, p. 88-122, (in Azerbaijani, resume in Russian), - bibliog: 6 items.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

RAGIMOV, M.A.

42470. K Agrichologii Karapoduma. Izvestiya Akad. Nauk Azerbaydzh. SSR, 1948,
No. 8, S. 46-51. Nz Azerbaydzh. Yaz.-Rezyume Na Rus. Yaz.-Bibliogr: 6 Nazv.

RAGIMOV, M.A.

Growing cumin in Azerbaijan. Dokl. AN Azerb.SSR 14 no. 8:645-648
'58. (MIR: 11:8)

1. Institut botaniki AN AzerSSR. Predstavleno akademikom AN AzerSSR
A.I.Karavayevym. (Azerbaijan--Cumin)

USSR/Cultivated Plants. Medicinal Plants. Essential Oil
Plants. Poisonous Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1950, 77900.

Author : Ragimov, M.A.

Inst : Botanical Institute AS AzerbSSR.

Title : On the Biology of Blossoming and Ripening of Fruit
of the Caropodium.

Orig Pub: Botan. inst. eserleri. AzerbSSR Elmler Akad.
Tr. In-ta botan. AN AzerbSSR, 1957, 20, 97-109.

Abstract: In the Nakhichevan ASSR, there are thickets of
perennial grassy plants of the parsley family -
Caropodium platycarpum (Bolss. et Hann) Schisch.;
ether oil is in its seeds which contains up to
70% linalool. In the second year single specimens
flowered, in the third - 15, in the fourth - 25,

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USSR/Cultivated Plants. Medicinal Plants. Essential Oil
Plants. Poisonous Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77900.

in the fifth - 30, in the sixth - 20, in the seventh - 5% of the general number of plants; the remainder in the 8-10th year. The structure and phases of development of inflorescence and flowering are described. Data is cited on the morphology of the pollen. Its viability, determined by the colorability of the acetocarmine equaled 100%. Cross pollination occurs by means of wind and insects. The stigmas proved to be most receptive when the flowers were open. In the environment of Apsheron, blossoming of the carpodium occurs from 5-20 April to 20-30 May, begins with the central whel and spreads to the peripheries;

Card : 2/3

USSR/Farm Animals - Honey Bees.

G-5

Abs Jour : Ref Zhur - Biol., No 18, 1958, 32463

Author : Rajimov, M.A.

Inst :

Title : Beans in Azerbaydzhan.

Orig Pub : Pchelovodstvo, 1958, No 2, 38-39

Abstract : Experiments carried out by the Botanical Garden of the USSR for 4 years proved that beans may be cultivated in all rayons of Azerbaydzhan. As beans were planted on productive kolkhoz fields, a 13-21 percent increase of honey yields was achieved in the apiaries.

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RAV, W. N. A.

Ravrov, W. A. - "The result of introducing medicinal cannabis in to certain re-
gions of Azerbaijan", Izvestiya Akad. nauk Azerbaydz. SSR, 1949, No. 20, p. 42-48,
(In Azerbaijani, rec'd in Russian, - Biblio: 6 items.

SO: U-3043, 11 March 53, (Ietopis 'Zhurnal 'nykh Statey, No. 6, 1949).

LAGINOV, M. A.

Artichokes - Azerbaijan

Artichokes in Azerbaijan. Biul. Glav. bot. sada, No. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

RAGIMOV, H. A.

Azerbaijan - Artichokes

Artichokes in Azerbaijan. Biul. Glav. bot. sada
No. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

Artichoke, N. S.

Artichokes

Artichoke as a feed plant. N. A. Ragimov. Korm. baza 3 no. 5, 1972.

Monthly list of Russian Accessions, Library of Congress, September 1952. unclassified.

1952, 1953.

Feeding and reading Studio

Artichoke as a feed plant. Korm. baza 3 no. 5, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

РАГИМОВ, М. И.

KAPINOS, G.Ye.; RAGIMOV, M.I.

Morphology of the inflorescence of *Cynara scolymus* L. Izv. AN Azerb.
SSR no.11:105-113 '56. (MLRA 10:2)
(Inflorescence)

RAGIMOV, M.S.; ISAYEV, M.R.

Using oil-base cement for isolating formation waters. Neft. khoz.
36 no.6:65-68 Je '58. (MIRA 11:9)
(Apsheiron Peninsula--Oil well cementing)

RAGIMOV, R.N.

Radiographic and anatomical parallels in changes in the relief
of the gastric mucosa in peptic ulcer. Azerb.med.zhur. no.10
74-77 '58 (MIRA 11:11)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo instituta
rentgenologii i radiologii (direktor - dotsent M.M. Alikishibekov).
(PEPTIC ULCER)
(STOMACH)

RAJIMOV, D.N., kand. med. nauk

X-ray diagnosis of perforating duodenal ulcers. Vestn. ren. i
rad. 39 no.5:59-61. 1964. (MIRA 18:3)

1. Institut rentgenologii i radiobiologii Ministerstva zdravoo-
chraneniya AzerbSSR, Baku.

RAGIMOV, R. N., Candidate Med Sci (diss) -- "X-ray-anatomical parallels in changes in the relief of the mucosa in stomach cancer and ulcers". Baku, 1959. 10 pp (Yerevan State Med Inst), 100 copies (KL, No 23, 1959, 173)

RAGIMOV, S.

The Azerbaijan an textile industry on the upgrade. Tekst.prom.8
no.2:4-5 F '48. (MIRA 8:11)

1. Ministr tekstil'noy promyshlennosti Azerbaydza SSR
(Azerbaijan--Textile industry)

RAGIMOV, S.G.

Ensure safety in oil field operations in Azerbaijan. Azerb. нефт.
khoz. 39 no.5:46-47 My '60. (MIRA 13:10)
(Azerbaijan--Petroleum industry--Safety measures)

RAGIMOV, S.G.

First results of the reorganization of inspection agencies.
Bezop.truda v prom. 3 no.12:24-25 D '59.

(MIRA 13:4)

1. Predsedatel' Gosgortekhnadzora Azerbaydzhanskoy SSR.
(Azerbaidzhan--Industrial safety)

RAGIMOVA, Sh.G.

Blood supply of the spleen. Report No.2. Uch.zap. AGU Biol.ser.
no.1:61-64 '59. (MIRA 13:7)

(~~SPL~~EN--BLOOD SUPPLY)

RAGIMOV, Sh. S.: Master Phys-Math Sci (diss) -- "Experimental study of the rates of propagation of Rele waves, from observations on three nearby stations". Moscow, 1958. 6 pp, (Acad Sci USSR, Inst of the Physics of the Earth), 150 copies (KI, No 1, 1959, 113)

SOV/ 49-58-12-8/17

AUTHORS: Savarenskiy, Ye. F. and Ragimov, Sh. S.

TITLE: The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations (Opredeleniye skorosti voln Releya i napravleniya na epitsentr po trem blizkim stantsiyam)

PERIODICAL: Izvestiya akademii nauk SSSR, Seriya geofizicheskaya, 1958, Nr 12, pp 1485-1490 (USSR)

ABSTRACT: By means of the experimental dispersion graphs of the group velocity of the Rayleigh type of waves, it is possible to determine a mean thickness of the earth crust between an epicentre and the observing station. In order to determine the group velocity of the surface waves, it is sufficient to have the data of one station only (Ref.1), but the accuracy of such a determination will be much improved if three different stations situated near each other can combine their observations on the waves which can be considered as a parallel in this condition. An additional advantage of the combined observations is that it is possible to determine an exact bearing of the epicentre by an application of the

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The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

differential method based on the time difference between the first wave of the vibrations of the same type. It is necessary that the instruments of all three stations are identical so that the seismograms are comparable. The investigations were carried out based on the data collected from the three Caucasian stations, Goris, Kirovabad and Shemaha. The magnifications of their seismographs were indicated as static V_{rab} and dynamic U . Thus for the harmonic vibration of:

$$x = A \exp \left(i \frac{2\pi}{T} \tau \right)$$

the instrument registered:

$$y = V_{rab} U(\tau) A \exp \left[i \left(\frac{2\pi}{T} (\tau + \gamma) \right) \right]$$

The dynamical frequency U and the phase characteristic γ was determined by the Eqs.(1) and (2), where T_1 and T_2 -

Card 2/5 periods of seismograph and galvanometer respectively, D_1

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The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

and D_2 - the absorption constants, σ^2 - coefficient of relationship between the seismograph and galvanometer. The constant characteristics of the apparatus are shown in Table 1. The frequency characteristics and the phase displacement with time are shown in Fig.1. In order to determine the group velocity of Rayleigh waves, the seismograms of the vertical seismographs of the three stations were analyzed for the 4 earthquakes, 3 in the area of the Aleutian Islands and 1 in the Kuril Islands. Fig.2 shows the registrations made on the 22 March, 1957, starting at 15 hours, GMT. The details of the earthquakes are shown in Table 2. The determination of the velocity was found by every station (Fig.3). The relationship of the epicentre distance Δ_i and the time difference between the appearance of vibrations and the moment of the earthquake can be taken as a group velocity $C_i(\tau)$, for the given period (Eq.3). The experimental points were plotted (Fig.3).

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SOV/ 49-58-12-8/17

The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

which formed a curve (Eq.4). From this equation and the period Eq.(5), the formula (6) can be found. By substituting it in Eq.(3) the relation of group velocity to the period can be expressed as $C_g = C_g(\tau)$. As an example, the data of the earthquake on March 17, 1957, are shown in Fig.4. The values of the group velocities for all 4 earthquakes are shown in Table 3. The azimuth of the epicentres were calculated by various methods. The results of calculations are shown in Table 4. The last row shows the values calculated by the formula (7), where ΔT_{12} and ΔT_{13} - differences between the first vibrations as registered by the three stations (1, 2, 3), $\beta = 57^{\circ}18'$ at the point 1, and $\beta = 90^{\circ}$ at the point 2 (Fig.3: a). It can be stated that the relation of the difference of the epicentral distances to the time difference of the first vibration at the station is equal to the phase velocity of the waves of a given period. This velocity was determined for 2 distant earthquakes: April 14, 1957 in Samoa and July 28, 1957 in South Mexico. The data are shown in Fig.5 as black circles, together with similar

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SOV/ 49-58-12-8/17

The Determination of the Group Velocity and the Bearing of Epi-centres, by Rayleigh Waves of 3 Adjacent Stations

values calculated by other methods (white circles) (Ref.3).
The position of the circles indicates that the thickness of the earth crust in the Caucasus is about 50 km. There are 4 tables, 5 figures and 7 references, of which 5 are Soviet and 2 English.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of the Earth)

SUBMITTED: April 9, 1958.

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SOV/49-59-9-8/25

AUTHORS: Savarenskiy, Ye. F. and Raginov, Sh. S.

TITLE: On the Determination of the Crustal Thickness From the Group Velocity of Rayleigh Waves

PERIODICAL: Izvestiya Akademii nauk, SSSR, Seriya geofizicheskaya, 1959, Nr 9, pp 1364-1367 (USSR)

ABSTRACT: The data of twelve earthquakes tabulated in Tab 1 was used for the determination of the group velocity of Rayleigh waves, the paths of which from the epicentres to the observed stations (Shemakha, Kirovabad and Goris) are illustrated in Fig 1. The parameters of the waves were found to be similar to the phase velocities determined by Press (Ref 3). Fig 2 shows the group velocities of the continental waves (curves 1 to 6) and the sea-bed waves (curve 7). The analysis showed that observed results do not always agree with the theoretical curves and that in the period from 11 to 22 secs some of the observed group velocities were smaller than 2.8km/sec. These discrepancies can be explained by the insufficient accuracy of the measuring methods or by the multi-layer crust. These regions, therefore, were omitted in the calculations which showed the crust thickness of 30 km in the Eastern direction ✓

Card 1/2

NOV/49-59-9-8125

On the Determination of the Crustal Thickness From the Group Velocity of Rayleigh Waves

and 35 km in the North Eastern direction from the Caucasus. Fig 3 shows the continental group velocities determined by the various authors whose works are included in Refs 1 to 6. There are 3 figures, 1 table and 6 references, 4 of which are Soviet and 2 English.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences, USSR, Institute of Physics of the Earth)

SUBMITTED: January 14, 1959 ✓

Card 2/2

RAGIMOV, Sh.S.

Nature of discontinuities in hodographs of refracted waves.
Dokl.AN Azerb.SSR 16 no.4:337-339 '60. (MIRA 13:7)

1. Institut geologii AN Azerbaydzhanskoy SSR. Predstavleno akad.
AN Azerbaydzhanskoy SSR M.A. Kashkayem.
(Seismic waves)

RAGIMOV, Sh.S

Direction of the sides of a station triangle in determining
the azimuth of seismic waves by the three-station method.
Dokl. AN Azerb. SSR 16 no. 6:547-548 '60. (MIRA 13:10)

1. Institut geologii AN Azerbaydzhanskoy SSR. Predstavleno
akademikom AN Azerbaydzhanskoy SSR Z.I. Khalilovym.
(Seismometry)

KUZNETSOV, V.P.; RAGIMOV, Sh.S.; ALIYEVA, S.M.

Mashtagi-Nardaran earthquakes of December 17, 1961. Izv. AN SSSR.
Ser. geofiz. no.9:1386-1388 S '63. (MIRA 16:10)

1. Institut geologii AN AzerbSSR.

RAGIMOV, Sh.S.; DZHAFAROV, R.D.; BAGIROVA, Z.A.; MAMEDOV, I.F.; AGA-ZADE, S.S.;
ALIYEVA, E.R.; ALIYEV, A.M.; ALIMAMEDOVA, V.P.

Caspian earthquake of September 18, 1961. Izv. AN SSSR. Ser. geofiz.
no.9:1389-1391 3 '63. (MIRA 16:10)

1. Akademiya nauk AzerbSSR, Institut geologii.

KUZNETSOV, V.P.; RAGIMOV, Sh.S.; DZHAFAROV, R.D.; ALIYEV, A.M.; BAGIROVA, Z.A.;
AGA-ZADE, S.S.; MAMEDOV, I.F.; ALIYEVA, S.M.; KULIYEV, A.S.;
DEMIKHOVSKAYA, E.M.; SUBASHIYEVA, O.S.; AGALAROVA, A.B.;
SHAKHMALIYEVA, Sh.A.; MIRZOYEVA, G.I.; KASPAROV, V.A.

Caspian earthquake of January 27, 1963. Izv. AN SSSR. Ser. geofiz.
no.9:1392-1393 S '63. (MIRA 16:10)

1. Institut geologii AN AzerbSSR.

RAGIMOV, Sh.S.; PAVLOVSKAYA, N.A.

Determining the direction towards an epicenter from Rayleigh and Love waves. Dokl. AN Azerb. SSR 19 no.1:31-33 '63. (MIRA 16:4)

1. Institut geologii AN AsSSR. Predstavleno akademikom AN AzSSR A.D.Sultanovym. (Elastic waves)

ACCESSION NR: AP4011694

S/0249/63/019/009/0051/0053

AUTHOR: Ragimov, Sh. S.

TITLE: Secondary Rayleigh waves

SOURCE: AN AzerbSSR. Doklady*, v. 19, no. 9, 1963, 51-53

TOPIC TAGS: Rayleigh waves, group velocity, earthquake, seismograph record, seismic station, granite

ABSTRACT: The characteristics of second group Rayleigh waves have been studied by plotting theoretical curves beside the group velocity data recorded from three different earthquakes. To ensure further certainty in the group velocities of the Rayleigh waves, only vertical seismograph records were used between two close seismic stations, Kirovabad and Goris. Certain differences are noted in the data which indicate the presence of the second group Rayleigh waves in granite and sedimentary rocks. Orig. art. has: 1 figure.

ASSOCIATION: Institut geologii (Institute of Geology)

Card 1/2

ACCESSION NR: APl4014694

SUBMITTED: 11Mar63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: AS

NO REF SOV: 004

OTHER: 001

Card 2/2

RAGIMOV, Sh.S.

Studying crustal structure according to macroseismic data. Dokl.
AN Azerb. SSR 19 no.11:45-48 '63. (MIRA 17:3)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR
A.D. Sultanovym.

RAGIMOV, Sh.S.

Studying crustal faults on the basis of macroseismic data. Izv.
AN SSSR. Ser. geofiz. no.7:1052-1057 JI '64. (MIRA 17:7)

1. Institut geologii imeni I.M. Gubkina AN Azerbaydzhanskoy
SSR.

5/2619/64/000/033/0124/0143

ACCESSION NR: AT4045972

AUTHOR: Vvedenskaya, N. A.; Ozhanuzakov, K. D.; Iodko, V. K.; Kondorskaya, N. V.; Landyrgova, N. S.; Misharina, L. A.; Mnatsakanyan, D. H.; Ragimov, Sh. S.; Semenov, P. G.; Tabulevich, V. N.

TITLE: Byulleten' sil'nykh zemletryaseniy SSSR (Bulletin of the Strong Earthquakes of the SSSR) for 1961

SOURCE: AN SSSR. Institut fiziki Zemli. Trudy*, no. 33(200), 1964. Voprosy inzhenernoy seysmologii (Problems of earthquake engineering), no. 9, 124-143

TOPIC TAGS: geophysics, seismology, earthquake, earthquake focus, earthquake epicenter, earthquake intensity, seismicity

ABSTRACT: The "Bulletin of the Strong Earthquakes of the SSSR" is a periodic annual summary which simultaneously summarizes all instrumental and noninstrumental data on the strong earthquakes ($M \geq 4$) occurring in the Soviet Union. The Bulletin contains a catalogue of earthquakes (reproduced in the paper for 1961 in the form of a lengthy table), a map of the epicenters and a brief description of the strongest earthquakes. The catalogue includes instrumental data on the coordinates of the epicenter, focal depth, magnitude M and the time of occurrence of earthquakes, taken from the Byulleten' seti seismicheskikh stantsiy SSSR (Bulletin of the Network of Seismic Stations of the SSSR) and noninstrumental data -- information on

Card 1/6

ACCESSION NR: AT4045972

the sensed intensity of earthquakes, received from reports submitted by local inhabitants or from investigations devoted to descriptions of the strongest earthquakes. With the exception of the Kurile-Kamchatka zone, in the catalogue there are data for all earthquakes with $M \geq 4$, and all earthquakes for which M was not determined but which were recorded by seismic stations of the general type as having epicentral distances greater than 1,000 km. Data for the Kurile-Kamchatka zone include all earthquakes with $M \geq 5$. A map is presented in the paper which shows the location of the epicenters of the earthquakes listed in the catalogue; numbers on the map correspond to the numerical listing in the catalogue. In 1961 there were 272 earthquakes in the SSSR with $M \geq 4$. Their distribution by regions and intensities is tabulated in the original text. Fig. 1 of the Enclosure shows the value $\sum E^{1/2}$ for individual seismically active zones of the SSSR for 1961, computed using the formula $\lg E = 11.8 + 1.5 M$. Fig. 2 of the Enclosure shows the change with time of the deviation from the mean annual value $\sum E^{1/2}$ for four seismically active zones. Along the y-axis of the graph there is plotted the value $\sum E^{1/2} - (\sum E^{1/2})_{\text{mean}}$ and along the x-axis - time (1946-1961). The value $(E^{1/2})_{\text{mean}}$ for each zone is indicated at the right of the graph. The authors go on to describe briefly, but individually, the most important seismic phenomena occurring in various regions of the SSSR in 1961. The annual publication of the Bulletin was begun in 1956 and until 1961 it was printed in the Trudy* Instituta Fiziki Zemli AN SSSR in the collection of articles Voprosy Inzhenernoy seysmologii

Card 2/6

ACCESSION NR: AT4045972

(Problems of Earthquake Engineering). Beginning with the Bulletin for 1962, the report will be published in annual numbers of Zemletryaseniya SSSR, which will be a separate publication. Orig. art. has: 11 figures and 1 table.

ASSOCIATION: Institut fiziki Zemli AN SSSR (Institute of Physics of the Earth, AN SSSR)

SUBMITTED: 00

ENCL: 03

SUB CODE: ES

NO REF SOV: 004

OTHER: 000

Card 3/3

SECRET

CONFIDENTIAL

TOP SECRET

RAGINOV, Sh.S.; DZHAFAROV, R.D.; ALIYEV, A.M.

The Taur earthquake in October 1962. Dokl. AN Azerb. SSR 71
no.3:62-63 '65. (1964: 12:7)

1. Institut geologii AN AzerSSR.

RAGIMOV, Sh.S. [deceased]

Energy density distribution in the frequency spectrum
of surface waves. Izv. AN SSSR. Fiz. zem. no.11:80 '65.
(MIRA 18:12)

1. Institut fiziki Zemli AN SSSR. Submitted June 3, 1964.

RAGIMOV, Z. A. , Cand Biol Sci (diss) -- "The results of studying the 'bookweb' tick, and a specification of measures to combat it under the conditions of the western zone of the Azerb SSR". Kirovabad, 1959. 25 pp (Min Agric USSR, Georgian Order of Labor Red Banner Agric Inst), 250 copies (KI, No 14, 1960, 130)

USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Pests of the Technical, Oil, Medicinal and Essential-Oil Cultures. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82970

Author : Roginov, A. A.

Inst : The Azerbaijan Scientific Institute of the Cotton Growing Institute

Title : The Latest Preparations in the Struggle Against the Spider Mite on the Cotton Plant

Orig Pub : Byul. nauchno-tekhn. inform. Azerb. n.-i. in-ta khlopkovodstva, 1957, No 2, 15-16

Abstract : The spraying by a 0.7% emulsion of chlorthene, with the addition of DDT, on 30 August-4 September, reduced the number of mites 76-90.6 and 61-65% in 3 to 6 days. The spray effectiveness of a 0.35, 0.5 and 0.7% emulsion of chlorthene and chlorindane on 30 August-6 September was,

Card 1/2

USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Pests of the Technical, Oil, Medicinal and Essential-Oil Cultures. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82970

in 3 days after treatment, respectively: 53, 78.5 and 75.5%; 32, 39.8 and 74.4%; in six days, +28% (the plus sign indicating the growth of the mites), 36.8 and 11.1%; +58, +9.3 and +13.5%. -- A. P. Adrianov

Card 2/2

BEREZIN, I.V., RAGIMOVA, A.M.

Intermediate reactions of ketones in the liquid-phase
oxidation of octadecane. Dokl.AN Azerb.SSR 16 no.1:19-22
'60. (MIRA 13:6)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavleno akad. AN Azerbaydzhanskoy SSR M.F. Nagiyevym.
(Ketones) (Octadecane) (Oxidation)

BEREZIN, I.V.; RAGIMOVA, A.M.

Mechanism of decarboxylation of acids in the liquid phase
oxidation of hydrocarbons. Role of polar factors in free
radical reactions. Zhur. fiz. khim. 36 no.3:581-587. Mr 196.
(MIRA 1718.
1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

BEREZIN, I.V.; RAGIMOVA, A.M.

Behavior of fatty acids in the process of liquid-phase oxidation. Dokl.AN Azerb.SSR 15 no.3:219-223 '59.
(MIRA 12:5)

1. Moskovskiy gosudarstvenny universitet im. M.V. Lomonosova.
Predstavleno akademikom AN AzerSSR M.F.Nagiyevym.
(Acids, Fatty) (Oxidation)

BEREZIN, I.M.; RAGIMOVA, A.M. (Moskva)

Esterification process in the liquid phase oxidation of octadecane.
Zhur. fiz. khim. 35 no. 4:842-847 Ap '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Octadecane) (Esterification) (Oxidation)

RA GIMOVA, KH

AKADEMIYA NAUK SSSR
 KRYM I BOKS EXPLOITATION 80V/5165

• *Tezisy dokladov Sbornik dokladov po vychislitel'noy matematike i primeneniyu* (Outlines of Reports of the Conference On Computational Mathematics and the Use of Computer Techniques) Sankt, 1958. 63 p. 400 copies printed.

Additional Sponsoring Agencies: Akademiya nauk SSSR, Vychislitel'nyy tsentr, and Akademiya nauk SSSR, Institut avtomatiki i telemekhaniki.

No contributors mentioned.

PURPOSE: This book is intended for pure and applied mathematicians, scientists, engineers and scientific workers, whose work involves computation and the use of digital and analog electronic computers.

COVERAGE: This book contains summaries of reports made at the Conference on Computational Mathematics and the Application of Computer Techniques. The book is divided into two main parts. The first part is devoted to computational mathematics and contains 19 summaries of reports. The second section is devoted to computing techniques and contains 20 summaries of reports. No personalities are mentioned. No references are given.

Nabich, Yu.A. On the Filtration of a Liquid in Nonhomogeneous Media 36

Mikhailov, Ya.A. System of Instructions for a Universal Digital Computer With Magnetic (Ferrite) Elements and its Circuits 38

Nikolayev, N. New Continuously Operating Mathematical Machines for the Solution of Mathematical Physics Problems 40

~~Magisova, Zh.~~ Application of Mathematical Machines for the Solution of a Number of Scientific and Engineering Problems of Petroleum Production (Summary Reports) 41

Belkin, V.D. Application of Electronic Digital Computers in National Economic Planning 43

Babuashkin, M.E. Operational Experience of the NPT-9 and IPT-5 Analog Devices and Certain Possibilities for Increasing the Number of Problems They Are Able to Solve 52

Marushchill, T.I. On the Exactness of the Solution of a Finite-difference Equation, Which Approximates the Poisson Equation, on Electric Grids 53

Card 6/7

L 24225-66 EWT(1)/EWA(h) GW
ACC NR: AT6010300

SOURCE CODE: UR/3195/65/000/006/0077/0083

AUTHOR: Savarenskiy, Ye. F.; Ragimov, Sh. S.; Aga-zade, S. S.

42
6

ORG: none

TITLE: Determination of group velocities of surface waves

SOURCE: AN SSSR. Mezhdovedomstvennyy geofizicheskiy komitet. Seysmicheskiye issledovaniya, no. 6, 1965, 77-83

TOPIC TAGS: Rayleigh wave, earthquake, seismologic station, seismic wave, wave velocity

ABSTRACT: Three analytical methods for determining the group velocities of Rayleigh waves are discussed and the results of their application to the wave dispersion from several earthquakes in the Pacific Ocean are evaluated. The separate determination of velocity for each oscillation, oscillation grouping and parabolic approximation methods were applied to the evaluation of group velocity of earthquakes with epicenters in the equatorial and southern Pacific. Seismic data from each earthquake were evaluated on the basis of seismograms from the Kirovabad and Goris stations separated by a distance of 126 km. The study shows velocity determination by the separate method to be precise and objective. The average thickness of the earth's crust is 36 km for the Caucasus, Kamchatka, and the Kurile Islands, 30 km for the Japan and the Samoan Islands, and 34 km for Santa Cruz and New Britain, the Yellow Sea, and the South China

2

Card 1/2

L 24225-66

ACC NR: AT6010300

Sea. It is concluded that the experimental curves for the dispersion of surface Rayleigh waves do not always lead to the correct evaluation of the mean structure of the earth's crust between an epicenter and the observation station. Orig. art. has: 6 figures, 2 tables, 5 formulas.

SUB CODE: 08,20/

SUBM DATE: 00/

ORIG REF: 003/

OTH REF: 001

Card 2/2

BHG

RYAKHOVSKIY, V.; RAGIMOV, Z., kand. biolog. nauk; SULEYMANOV, S., mladshiy nauchnyy sotrudnik; SHVETSOVA, A., dotsent; SEMENOV, A., assistent; GROMOVA, A., kand. biolog. nauk; SELIN, I., nauchnyy sotrudnik; LAZHAUNIKAS, Ye.; MELESHKO, R.; PREOBRAZHENSKIY, V., starshiy prepodavatel'

To the attention of a plant protector. Zashch. rast. ot vred. i bol.
10 no.6:40-43 '65. (MIRA 18:7)

1. Zaveduyushchiy otdelom zashchity rasteniy Luganskoy sel'skokhozyaystvennoy opytной stantsii (for Ryakhovskiy).
2. Azerbaydzhanskiy nauchno-issledovatel'skiy institut zashchity rasteniy, Kirovabad (for Ragimov, Suleymanov).
3. Omskiy sel'skokhozyaystvennyy institut (for Shvetsova, Semenov).
4. Otdel zashchity rasteniy Smolenskoy sel'skokhozyaystvennoy opytной stantsii (for Selin).
5. Zaveduyushchiy Tel'manskim punktom signalizatsii i prognozov, Karagandinskaya oblast' (for Lazhaunikas).
6. Zaveduyushchaya Vitebskim punktom signalizatsii i prognozov (for Meleshko).
7. Buryatskiy sel'skokhozyaystvennyy institut (for Preobrazhenskii).

RAGIMOVA KH. S.

BR

25

PHASE I BOOK EXPLOITATION SOV/5562

Vsesoyuznoye soveshchaniye po vychislitel'noy matematike i primeneniyu sredstv vychislitel'noy tekhniki, Baku, 1958.

Trudy (Transactions of the All-Union Conference on Computer Mathematics and Applications of Computers) Baku, Izd-vo AN Azerbaydzhanskoy SSR, 1961. 254 p. 500 copies printed.

Sponsoring Agency: Akademiya nauk Azerbaydzhanskoy SSR. Vychislitel'nyy tsentr.

Eds.: A.A. Dorodnitsyn, S.A. Aleskerov, and K.F. Shirinov; Ed. of Publishing House: A. Til'man; Tech. Ed.: T. Ismailov.

PURPOSE: The book is intended for mathematicians and other specialists interested in computer theory and uses for computers.

COVERAGE: The book contains the texts of 24 papers presented at the All-Union Conference on Computer Mathematics and Applications of Computers held in Baku, 3-8 Feb 1958. The "Resolution"

Card 1/3

25

Transactions of the All-Union (Cont.)

SOV/5962

of the conference, consisting of proposals for accelerating the development of computer mathematics and computer engineering, is also included.

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Khalilov, Z.I. Introductory Remarks	7
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Card 2/8

Transactions of the All-Union (Cont.)	SOV/5962	
Babich, Yu.A. Filtration of a Fluid in Heterogeneous Strata		127
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Makhmudov, Yu.A. Instruction System for a Universal Digital Computer Employing Magnetic (Ferritic) Elements and Its Schematic Execution		155
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Card 5/6

ACCESSION NR: AP4043026

served and measured, and transitions of the Q, R, and P branches were identified by the Stark splitting. The frequencies were also calculated from the effective rotation constants of the molecules and compared with the measured values. The agreement was generally good, and some discrepancies are attributed to centrifugal perturbation and internal rotation. Each identified line had satellites, which could be accurately determined from the corresponding rotation constants. It is assumed that these satellites belong to the first excited vibration state. Orig. art. has: 2 tables.

ASSOCIATION: None

SUBMITTED: 29Dec63

ENCL: 02

SUB CODE: OP

NR REF SOV: 003

OTHER: 000

Card 2/4

ACCESSION NR: AP4043026

ENCLOSURE: 02

Effective rotation constants of the CD_3CH_2OH molecule, Mc

1 Постоян- ные	2 Основного состояния	3 Возбужден- ного состоя- ния
A	28490.1	28352.1
B	7994.0	7970.4
C	7085.1	7082.1

1 - Constants, 2 - ground state, 3 - excited state

Card 4/4

IMANOV, L.M.; ABDURAKHMANOV, A.A.; RAGIMOVA, R.A.

Microwave rotational spectrum of the $\text{CH}_3\text{CD}_2\text{OH}$ molecule. *Izv. AN Azerb. SSR.Ser.fiz.-tekh.i mat. nauk no.3:103-106 '64.*

(MIRA 17:12)

L 9485-66

ACCESSION NR: AP4043026

8/0051/64/017/002/0306/0307

AUTHORS: Imanov, L. M.; Abdurakhmanov, A. A.; Ragimova, R. A. ^{SS} 21 B

TITLE: Microwave spectrum and effective rotation constants of the molecule CD_3CH_2OH

SOURCE: Optika i spektroskopiya, v. 17, no. 2, 1964, 306-307

TOPIC TAGS: ethyl alcohol, molecular structure, deuterated compound, microwave spectroscopy, Stark splitting, spectrum line

ABSTRACT: In order to refine the structure of the ethyl alcohol molecule (L. M. Imanov and Ch. O. Kadzhar, Doklady AN AzerbSSR, v. 10, 861, 1961; Opt. i spektr. v. 14, 300, 1963) the authors investigated the microwave spectrum of the β -trideuteroethyl alcohol molecule using a radiospectrometer with electric molecular modulation (Imanov and Abdurakhmanov, Izv. AN AzerbSSR, 6, 79, 1963) in the 10--33 Gc range. More than 200 lines of the molecule were ob- ^{SS}

Card 1/4

L 9485-66

ACCESSION NR: AP4043026

served and measured, and transitions of the Q, R, and P branches were identified by the Stark splitting. The frequencies were also calculated from the effective rotation constants of the molecules and compared with the measured values. The agreement was generally good, and some discrepancies are attributed to centrifugal perturbation and internal rotation. Each identified line had satellites, which could be accurately determined from the corresponding rotation constants. It is assumed that these satellites belong to the first excited vibration state. Orig. art. has: 2 tables.

ASSOCIATION: None

SUBMITTED: 29Dec63

ENCL: 02

SUB CODE: OP

NR REF SOV: 003

OTHER: 000

Card 2/4

L 9485-66

ACCESSION NR: AP4043026

ENCLOSURE: 02

Effective rotation constants of the CD_3CH_2OH molecule, Mc

1 Постоян- ные	2 Основного состояния	3 Возбужден- ного состо- яния
A	28490.1	28352.1
B	7894.0	7970.4
C	7085.1	7082.1

1 - Constants, 2 - ground state, 3 - excited state

Card 4/4 *eds*

IMANOV, L.M.; ABDURAKHMANOV, A.A.; RAGIMOVA, R.A.

Effective rotation constants for the $\text{CH}_3\text{CH}_2\text{OD}$ molecule.
Dokl. AN Azerb. SSR 20 no.12:7-8 '64. (MIRA 18:4)

1. Institut fiziki AN AzerbSSR.

RAGIMOVA, S.

3762. Alteration of phagocytic activity of leucocytes in hysteria and experimental neurosis. A. I. Karaev, T. D. Galbov, and S. 3

med
Ragimova Doh. Akad. Nauk. Azerbaidzh. S.S.R., 1955, 11, 433-435. *Referat. Zh. Biol.*, 1956, Abstr. No. 74430.--The phagocytic activity of leucocytes (PAL) against staphylococci was significantly reduced in hysteria (a condition of heightened excitability) in cats and experimental neurosis in rabbits. Hysteria was produced by 4-6 hourly stimulation of the peroneal nerve by induction current in narcotised animals, and neurosis by daily 5-min. stimulation with a rattle and 500 watt lamp. The same type of weakening of PAL in hysteria and neurosis bears witness to the essential similarity of these conditions. (Russian) M. LUBBY

USSR/Human and Animal Physiology. Internal Secretion

T-8

Abstr Jour : Ref Zhur - Biol., No 14, 1958, No 65531

Author : Karayev A.I., Reginova S.
Inst : Azerbaydzhan University
Title : The Change in the Phagocytic Activity of the Leukocytes in Alloxan Diabetes.

Orig Pub : Uch. zap. Azerb. un-ta, 1957, No 1, 81-84

Abstract : Rabbits were given a dose of 100 mg/kg of alloxan, and dogs were given a dose of 90 mg/kg. In the rabbits the hyperglycemia reached a maximum between the 3rd and 6th day after the intoxication, and toward the 40th day the glycemia gradually decreased. The phagocytic activity of the leukocytes reached a minimum between the 3rd and 6th day, i.e., a parallel was seen between the glycemia and the phagocytic activity of the leukocytes. With the conclusion of the toxic period (before the 15th day), the phagocytic activity of the leukocytes gradually increased. In 2 dogs

Card : 1/2

FARAHALOV, A.A.; RAGIMOVA, S.A.; MAMAYEVA, E.B., red.

[Electrochemical method for the control of scale formation
in circulating cooling systems] Elektro-khimicheskiy metod
bor'by s nakip'iu v tsirkulatsionnykh sistemakh okhlazh-
deniia. Baku, Azerneshr, 1964. 100 p. (NERA 17:10)

RAGIMOVA, S.A.
KARAYEV, A.I.; RAGIMOVA, S.A.

Changes in the phagocytic activity of blood leucocytes in alloxan
diabetes. Uch. zap. AGU no.1:81-84 '57. (MIRA 10:12)
(PHAGOCYTOSIS) (DIABETES) (ALLOXAN)

RAGIMOVA, SH.G., assistant

Variations in the splenic artery. Azerb.med.zhur. no.3:91-92
Mr '58 (MIRA 11:7)

1. Iz kafedry normal'noy anatomii (zav. - zasluzh. deyatel' nauki
prof. K.A. Balakishiyev) Azerbaydzhanskogo gosudarstvennogo meditsinsko-
go instituta im. N. Narimanova.
(SPLENIC ARTERY)

RACIMOVA, Zh. S., Cand Med Sci (diss) -- "The problem of the spleen's blood supply". Baku, 1960. 15 pp (Azerb State Med Inst im N. Narimanov), 220 copies (XI, No 10, 1960, 137)

AGINOV, E.A.

*Results of experiments in introducing Caropodium into Azerbaijan.
Trudy Inst. bot. AN Azerb. SSR 22:91-113 '60. (Ill. 14:2)
(Azerbaijan--Caropodium)

RAGIMOV, M.A.

Abnormalities in some plants. Izv. AN Azerb. SSR. Ser. biol. i
med. nauk no.3:33-39 '60. (MIRA 13:7)
(ABNORMALITIES (PLANTS))

RAGIMOV, M.A.

Culture of Jerusalem artichoke in Azerbaijan. Izv.AN Azerb.SSR.
Ser.biol.i med.nauk. no.5:17-22 '62. (MIRA 15:9)
(AZERBAIJAN--JERUSALEM ARTICHOKE)

RAGIMOV, M.A.

Results of experiments in introducing the nightshade *Solanum*
aviculare in Azerbaijan [in Azerbaijani with summary in English].
Trudy Inst. bot. AN Azerb. SSR 23:106-122 '62. (MIRA 16:2)
(Azerbaijan—Nightshade)
(Azerbaijan—Plant introduction)

SHERSTNEV, N.M.; ASKEROV, A.G.; RAGIMOV, N.A.

Water permeability of clay coatings. Sbor. nauchn.-tekh. inform.
Anerb. inst. nauch.-tekh. inform. Ser. Neft: prom. no.6:86-94 '63.
(MIRA 18:9)

L 29855-66 EWT(m)/EWP(j) JAJ/RM

ACC NR: AP6013212

SOURCE CODE: UR/0421/66/000/002/0130/0132

AUTHOR: Ragimov, O. P. (Baku); Rafibeyli, N. M. (Baku)

ORG: none

TITLE: Determination of the dynamic saturation pressure of a mixture of isooctane and carbon dioxide in the presence of a porous medium

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 2, 1966, 130-132

TOPIC TAGS: carbon dioxide, porosity

ABSTRACT: The experiments were conducted in a specially built unit consisting of a mercury press, a high pressure vessel with a porous medium, thick wall vessels for mercury and air, standard manometers, a device for determination of the amount of gas in solution, a magnetic differential manometer, and a thermostat. A diagram of the equipment is shown. The porous medium was quartz sandstone, previously washed and dried. The experiments were run on samples having an initial permeability of 0.1, 0.6, and 2.6 darcies. The experimental results are given in a table. These results include measurements of the dynamic saturation pressure, in the presence of a porous medium; it was found

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ACC NR: AP6013212

to be 10-15 bar higher than the static saturation pressure, determined in the absence of a porous medium, and 5-10 bar higher than the static saturation pressure, determined in the presence of a porous medium. With an increase in the initial permeability the effect of the porous medium on the value of the saturation pressure decreases. "The author thanks A. Kh. Mirzadzhanzade for proposing the work and for his direction during its completion." Orig. art. has: 3 figures and 3 tables.

SUB CODE: 20/ SUBM DATE: 19Dec64/ ORIG REF: 003

Card 2/2 *W*

1980, p. 11.

different X-ray diagnosis of the right side of the colon.
Fig. 1, no. 2: 46-52 1/5. (MRA 12:7)

1. In Institutu rentgenologii, radiologii i onkologii Ministerstva
zdravookhraneniya AzSSR (direktor - prof. M.M. Alkishibevy).

RAGIMOV, R.N., kand. med.nauk

Significance of pneumoperitoneum in the X-ray examination of
the right half of the large intestine, Azerb. med. zhur. 40
no.11:43-48 N '63. (MIRA 17:10)

1. Iz Instituta rentgenologii i radiologii Ministerstva
zdravookhraneniya AzSSR (dir.- prof. M.M. Alikishibekov).

YEFENDIYEV, F.A.; AKHUNDOVA, A.M.; TER-MKRTYCHEVA, O.Kh.; RAGIMOV, Sh.R.

Clinical observations on the use of bone marrow transplantation in
the treatment of various diseases of the blood system. Probl. gemat
i perel. krovi 6 no.2:30-33 '61. (MIRA 14:2)
(MARROW—TRANSPLANTATION) (LEUKEMIA)
(ANEMIA)

RAGIMOV, Sh.R., vrach

Activity of some restorative enzymes following blood transfusion.
Azerb. med. zhur. no.6:50-55 Je '60. (MIRA 14:1)

1. Iz kliniko-gematologicheskogo otdeleniya (nauchnyye rukovoditeli -
chlen-korrespondent AN Azerbaydzhanskoy SSR, zasluzhennyy deyatel'
nauki, prof. D.M. Abdullayev i dotsent T.D.Gaibov) Azerbaydzhanskogo
nauchno-issledovatel'skogo instituta gematologii i perelivaniya
krovi (direktor - dotsent G.A. Guseynov).
(ANEMIA) (BLOOD--TRANSFUSION). (ENZYMES)

RAGIMOV, Sh.R.

Basal metabolism following blood transfusion in patients with anemias of varying etiology. Azerb. med. zhur. no. 3:47-51 Mr '61.

(MIRA 14:4)

1. Iz kliniko-gematologicheskogo otdeleniya (nauchnyy rukovoditeli-chlen-korrespondent AN Azerbaydzhanskoy SSR, prof. D.M. Abdullayev, dotsent T.D. Gaibov) Azerbaydzhanskogo nauchno-issledovatel'skogo instituta gematologii i perelivaniya krovi (direktor - dotsent G.A. Guseynov).

(METABOLISM) (BLOOD—TRANSFUSION) (ANEMIA)

RAGIMCV, Sh.S.

One feature of ρ group velocities of Rayleigh waves. Dokl.AN Azerb.
SSR 16 no.2:133-136 '60. (MIRA 13:8)

1. Institut geologii AN AzerSSR. Predstavleno akademikom AN
AzerSSR Z.I.Khalilovym.
(Seismic waves)

RAGIMOV, A.M., provizor

Make sure that the work of pharmaceutical inspectors is productive.
Apt.delo 5 no.4:36-37 J1-Ag '56. (MLRA 9:9)

1. Zaveduyushchey otdelom aptechnoy seti Glavnogo aptechnogo
upravleniya Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR.
(PHARMACY)

BEREZIN, I.V.; RAGIMOVA, A.M.

Formation of esters during liquid-phase oxidation of octadecane.
Dokl. AN Azerb. SSR 15 no.9:815-819 '59. (MIRA 13:2)

1.Kafedra khimicheskoy kinetiki Moskovskogo gossudarstvennogo universiteta
imeni Lomonosova. Predstavleno akademikom AN Azerbaydzhanskoj SSR M.F.
Nagiyevym.

(Octadecane)

BEREZIN, I.V.; RAGIMOVA, A.M.

Studying the reactions of certain intermediate products in the process of liquid phase oxidation of octadecane. Dokl. AN Azerb. SSR 15 no. 11:1015-1017 '59. (MIRA 13:4)

1. Moskovskiy gosudarstvennyy universitet. Predstavleno akademikom AN Azerbaydzhanskoy SSR M.F. Nagiyevym. (Esterification) (Decanoic acid)

RAGIMOVA, A. M. Cand Chem Sci -- (diss) "Study of ~~the~~ reactions of the basic
intermediary products of ^{the} liquid-phase oxidation of octadecane~~l~~." Mos, 1959
8pp (Mos State Univ im M. V. Lomonosov. Chem Faculty. Chair of Chem Kinetics),
150 copies (KL, 49-59, 138)

L 25351-65 EWT(m)/EPF(c)/T Pr-4 DJ/WE

ACCESSION NR: AR4039577

S/0081/64/000/005/P027/P028

SOURCE: Ref. zh. Khimiya, Abs. 5P188

AUTHOR: Ragimov, F. M.

TITLE: Utilization of the alkaline residues from the purification of fuel and lubricating oils at the Bakinskiy zavod im. A. Karayeva (Baku refinery)

CITED SOURCE: Sb. nauchno-tekh. inform. Azerb. in-t nauchno-tekh. inform., vy*p. 4, 1962. Neftepererabat. i khim. prom-st', 14-17

TOPIC TAGS: petroleum refining, alkaline residue, fuel oil, lubricating oil, acidol, soap naphtha, naphthenic acid, kerosene leaching, diesel oil leaching

TRANSLATION: The author describes the procedure for the production of acidol-50, soap naphtha, acidol soap naphtha and distilled naphthenic acids. Acidol-50 was obtained from the alkaline residues of the neutralization of acid transformer, spindle and machine oils derived from Balakhna oils and Romashkin petroleums; the residues were allowed to stand for separation of the excess oil, treated with dilute H2SO4, and allowed to stand again, after which the Na2SO4 was removed and the mixture was boiled to remove water. Soap naphtha was prepared from the alkaline residues of the leaching of kerosenes and diesel fuels by sedimentation at

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75-80C to remove the oil followed by evaporative concentration. In order to obtain acidol soap naphtha, after the oil was removed from the alkaline residues of the leaching of kerosenes and diesel fuels, they were treated with H_2SO_4 at 60-65C, mixed with air and concentrated by evaporation. Distilled naphthenic acids were obtained by the vacuum distillation of acidol (from the alkaline residues of kerosene) by heating the raw material to 240-270C with a vacuum of 700-720 mm Hg (below atmospheric pressure) at the top of the column. Laboratory and industrial experiments demonstrated the possibility of utilizing the alkaline residues from the leaching of other oils and gasolines to replace NaOH in the production of the deemulsifying agent NChK. A. R.

SUB CODE: FP

ENCL: 00

Card

2/2

M

Country : USSR
Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100224

Author : Seidova, Kh.; Ragimov, G.

Inst : -

Title : The Influence of Mineral Fertilizers on the Yield of Winter Wheat on Eroded and Uneroded Soils of Shemakhinskiy Rayon.

Orig Pub: Sots. s. kh. Azerbaydzhana, 1957, No 8, 25-27

Abstract: Data of the Soil Erosion Station of the Academy of Sciences of Azerbaydzhana SSR. Upon application of mineral fertilizers (N₅₀P₅₀), an increase of 42.8% was obtained in the yield of winter wheat on eroded soils and 24.5% on uneroded ones. In the control the

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APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020001-6

Country : USSR
Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100224

yield on eroded soils was lower than on uneroded ones. With improved conditions of soil nutrition, the aerial part and the root system of the plants develop more intensively, which protects the tillage layer from erosion.
-- O.A. Gorbunova

Card : 2/2

Dismissal For Violating Labor Laws

SOV/92-59-2-27/40

tolerate violations of safety rules and labor protection regulations. Members of the Trade Union are invited to see to it that the administration without fail complies with rules and regulations and ensures sound conditions of work.

ASSOCIATION: NPU Gyurgyanneft' Petroleum Production Administration)

Card 2/2

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; IVANOVA, Ye.I., aspirantka; BAGIROV, G.D.; IGAMBERDYEV, Kh., aspirant; TKACH, M.T., agronom; IBAGIMOV, G. R., doktor sel'skokhoz. nauk; ASKEROVA, T.Z.; mladshiy nauchnyy sotrudnik; KOSHKAROVA, D.D., mladshiy nauchnyy sotrudnik; KASUMOV, V.G., mladshiy nauchnyy sotrudnik; RAGIMOV, I.R., mladshiy nauchnyy sotrudnik;

From practices in using poisonous chemicals. Zashch. rast. ot. vred. (MIRA 17:6)
i bol. 9 no.5:22-24 '64.

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin).
2. Sibirskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta maslichnykh i efiromaslichnykh kul'tur, Isil'kul', Omskoy oblasti (for Ivanova).
3. Azerbaydzhanskiy institut zashchity rasteniy, Kirovabad (for Bagirov).
4. Surkhandar'inskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya (for Igamberdyev).
5. Kuybyshevskiy punkt ucheta i prognozov (for Tkach).
6. Azerbaydzhanskiy institut zashchity rasteniy (for Ibragimov, Askerova, Koshkarova, Kasumov, Ragimov).
7. Nachal'nik otryada po bor'be s vreditel'nyami i boleznymi rasteniy Chistopol'skogo rayona Tatarskoy ASSR (for Mironov).

RAGIMOV, K.S.

Reclamation of steep slopes by strip tillage in Shemakha District.
Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.6:97-105 '61.
(MJRA 14:8)

(SHEMAKHA DISTRICT—TILLAGE) (SOIL CONSERVATION)

RAGIMOV, K.S.

Dynamics of humus in soil under grassland-cotton rotation systems.
Izv.AN Azerb. SSR. Ser. biol.i med.nauk no.1:81-90 '60. (MIRA 14:5)

(HUMUS)

(COTTON GROWING)

RAGIMOV, K.S.

Dynamics of soil structure in cotton-grassland rotations. Izv.
AN Azerb.SSR Ser.biol.i sel'khoz.nauk no.3:95-109 '59.

(MIRA 12:8)

(Azerbaijan--Soil structure) (Rotation of crops)
(Grasses)

SEIDOVA, Kh.K.; RAGIMOV, K.S.

Effect of a growth-promoting substance of petroleum origin on
the development and green bulk yield of corn. Dokl. AN Azerb. SSR
15 no.3:245-248 '59. (MIRA 12:5)
(Corn--Fertilizers and manures)
(Growth promoting substances)

RAGIMOV, K. S.

"Dynamics of the Conditions and of Some Elements of Soil Fertility Under Irrigated Conditions in the Western Region of Azerbaydzhan." Cand Agr Sci, Moscow Agricultural Acad, Moscow, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

RAGIMOV, M.A.; MAKHMUDOV, A.A.

Economic effectiveness of the cultivation of Caropodium in
Azerbaijan. Izv.AN Azerb.SSR.Ser.biol. i sel'khoz. nauk no.1:3-8
' 59. (MIRA 12:1)

(Azerbaijan--Caropodium)

RAGIMOV, M.A.

Biology of flowering and ripening of fruit in *Caropodium platycarpum*.
Trudy Inst.bot.AN Azerb.SSR 20:97-109 '57. (MLRA 10:10)
(Shakhbuz District--*Caropodium*) (Plants, Flowering of)

RAKIMOV, K.

Rakimov, K. - "Sprouts of certain weeds on the cotton fields of Azerbaijan", Trudy Botan. In-ta (Akad. nauk Azerbayzh. SSR), Vol. XIV, 1949, p. 88-122, (in Azerbaijani, resume in Russian), - bibliog: 6 items.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

RAGIMOV, M.A.

42470. K Agrichologii Karapoduma. Izvestiya Akad. Nauk Azerbaydzh. SSR, 1948,
No. 8, S. 46-51. Nz Azerbaydzh. Yaz.-Rezyume Na Rus. Yaz.-Bibliogr: 6 Nazv.

RAGIMOV, M.A.

Growing cumin in Azerbaijan. Dokl. AN Azerb.SSR 14 no. 8:645-648
'58. (MIR: 11:8)

1. Institut botaniki AN AzerSSR. Predstavleno akademikom AN AzerSSR
A.I.Karavayevym. (Azerbaijan--Cumin)

USSR/Cultivated Plants. Medicinal Plants. Essential Oil
Plants. Poisonous Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1950, 77900.

Author : Ragimov, M.A.

Inst : Botanical Institute AS AzerbSSR.

Title : On the Biology of Blossoming and Ripening of Fruit
of the Caropodium.

Orig Pub: Botan. inst. eserleri. AzerbSSR Elmler Akad.
Tr. In-ta botan. AN AzerbSSR, 1957, 20, 97-109.

Abstract: In the Nakhichevan ASSR, there are thickets of
perennial grassy plants of the parsley family -
Caropodium platycarpum (Bolss. et Hann) Schisch.;
ether oil is in its seeds which contains up to
70% linalool. In the second year single specimens
flowered, in the third - 15, in the fourth - 25,

Card: : 1/3

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USSR/Cultivated Plants. Medicinal Plants. Essential Oil
Plants. Poisonous Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77900.

in the fifth - 30, in the sixth - 20, in the seventh - 5% of the general number of plants; the remainder in the 8-10th year. The structure and phases of development of inflorescence and flowering are described. Data is cited on the morphology of the pollen. Its viability, determined by the colorability of the acetocarmine equaled 100%. Cross pollination occurs by means of wind and insects. The stigmas proved to be most receptive when the flowers were open. In the environment of Apsheron, blossoming of the carpodium occurs from 5-20 April to 20-30 May, begins with the central whel and spreads to the peripheries;

Card : 2/3

USSR/Farm Animals - Honey Bees.

G-5

Abs Jour : Ref Zhur - Biol., No 18, 1958, 32463

Author : Rajimov, M.A.

Inst :

Title : Beans in Azerbaydzhan.

Orig Pub : Pchelovodstvo, 1958, No 2, 38-39

Abstract : Experiments carried out by the Botanical Garden of the USSR for 4 years proved that beans may be cultivated in all rayons of Azerbaydzhan. As beans were planted on productive kolkhoz fields, a 13-21 percent increase of honey yields was achieved in the apiaries.

Card 1/1

RAV, V. V. A.

Ravrov, V. A. - "The result of introducing medicinal cannabis in to certain re-
gions of Azerbaijan", Izvestiya Akad. nauk Azerbaydz. SSR, 1949, No. 20, p. 42-48,
(In Azerbaijani, version in Russian, - Biblio: 6 items.

SO: U-3043, 11 March 53, (Ietopsis 'Zhurnal 'nykh Statey, No. 6, 1949).

LAGINOV, M. A.

Artichokes - Azerbaijan

Artichokes in Azerbaijan. Biul. Glav. bot. sada, No. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

RAGIMOV, H. A.

Azerbaijan - Artichokes

Artichokes in Azerbaijan. Biul. Glav. bot. sada
No. 10, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

Artichoke, N. S.

Artichokes

Artichoke as a feed plant. N. A. Ragimov. Korm. baza 3 no. 5, 1972.

Monthly list of Russian Accessions, Library of Congress, September 1952. unclassified.

1952, 1953.

Feeding and feeding stuffs

Artichoke as a feed plant. Korm. baza. 3 no. 5, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

РАГИМОВ, М. И.

KAPINOS, G.Ye.; RAGIMOV, M.I.

Morphology of the inflorescence of *Cynara scolymus* L. Izv.AN Azerb.
SSR no.11:105-113 '56. (MLRA 10:2)
(Inflorescence)

RAGIMOV, M.S.; ISAYEV, M.R.

Using oil-base cement for isolating formation waters. Neft. khoz.
36 no.6:65-68 Je '58. (MIRA 11:9)
(Apsheiron Peninsula--Oil well cementing)

RAGIMOV, R.N.

Radiographic and anatomical parallels in changes in the relief
of the gastric mucosa in peptic ulcer. Azerb.med.zhur. no.10
74-77 '58 (MIRA 11:11)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo instituta
rentgenologii i radiologii (direktor - dotsent M.M. Alikishibekov).
(PEPTIC ULCER)
(STOMACH)

RAJIMOV, D.N., kandi. med. nauk

X-ray diagnosis of perforation duodenal ulcers. Vestn. ren. i
rad. 39 no.5:59-61. 1964. (MIRA 18:3)

1. Institut rentgenologii i radiobiologii Ministerstva zdravo-
okhraneniya AzerbSSR, Baku.

RAGIMOV, R. N., Candidate Med Sci (diss) -- "X-ray-anatomical parallels in changes in the relief of the mucosa in stomach cancer and ulcers". Baku, 1959. 10 pp (Yerevan State Med Inst), 100 copies (KL, No 23, 1959, 173)

RAGIMOV, S.

The Azerbaijan an textile industry on the upgrade. Tekst.prom.8
no.2:4-5 F '48. (MIRA 8:11)

1. Ministr tekstil'noy promyshlennosti Azerbaydza SSR
(Azerbaijan--Textile industry)

RAGIMOV, S.G.

Ensure safety in oil field operations in Azerbaijan. Azerb. нефт.
khodz. 39 no.5:46-47 My '60. (MIRA 13:10)
(Azerbaijan--Petroleum industry--Safety measures)

RAGIMOV, S.G.

First results of the reorganization of inspection agencies.
Bezop.truda v prom. 3 no.12:24-25 D '59.

(MIRA 13:4)

1. Predsedatel' Gosgortekhnadzora Azerbaydzhanskoy SSR.
(Azerbaidzhan--Industrial safety)

RAGIMOVA, Sh.G.

Blood supply of the spleen. Report No.2. Uch.zap. AGU Biol.ser.
no.1:61-64 '59. (MIRA 13:7)

(~~SPLLEN~~--BLOOD SUPPLY)

RAGIMOV, Sh. S.: Master Phys-Math Sci (diss) -- "Experimental study of the rates of propagation of Rele waves, from observations on three nearby stations". Moscow, 1958. 6 pp, (Acad Sci USSR, Inst of the Physics of the Earth), 150 copies (KI, No 1, 1959, 113)

SOV/ 49-58-12-8/17

AUTHORS: Savarenskiy, Ye. F. and Ragimov, Sh. S.

TITLE: The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations (Opredeleniye skorosti voln Releya i napravleniya na epitsentr po trem blizkim stantsiyam)

PERIODICAL: Izvestiya akademii nauk SSSR, Seriya geofizicheskaya, 1958, Nr 12, pp 1485-1490 (USSR)

ABSTRACT: By means of the experimental dispersion graphs of the group velocity of the Rayleigh type of waves, it is possible to determine a mean thickness of the earth crust between an epicentre and the observing station. In order to determine the group velocity of the surface waves, it is sufficient to have the data of one station only (Ref.1), but the accuracy of such a determination will be much improved if three different stations situated near each other can combine their observations on the waves which can be considered as a parallel in this condition. An additional advantage of the combined observations is that it is possible to determine an exact bearing of the epicentre by an application of the

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SOV/ 49-58-12-8/17

The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

differential method based on the time difference between the first wave of the vibrations of the same type. It is necessary that the instruments of all three stations are identical so that the seismograms are comparable. The investigations were carried out based on the data collected from the three Caucasian stations, Goris, Kirovabad and Shemaha. The magnifications of their seismographs were indicated as static V_{rab} and dynamic U . Thus for the harmonic vibration of:

$$x = A \exp \left(i \frac{2\pi}{T} \tau \right)$$

the instrument registered:

$$y = V_{rab} U(\tau) A \exp \left[i \left(\frac{2\pi}{T} (\tau + \gamma) \right) \right]$$

The dynamical frequency U and the phase characteristic γ was determined by the Eqs. (1) and (2), where T_1 and T_2 -

Card 2/5 periods of seismograph and galvanometer respectively, D_1

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The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

and D_2 - the absorption constants, σ^2 - coefficient of relationship between the seismograph and galvanometer. The constant characteristics of the apparatus are shown in Table 1. The frequency characteristics and the phase displacement with time are shown in Fig.1. In order to determine the group velocity of Rayleigh waves, the seismograms of the vertical seismographs of the three stations were analyzed for the 4 earthquakes, 3 in the area of the Aleutian Islands and 1 in the Kuril Islands. Fig.2 shows the registrations made on the 22 March, 1957, starting at 15 hours, GMT. The details of the earthquakes are shown in Table 2. The determination of the velocity was found by every station (Fig.3). The relationship of the epicentre distance Δ_i and the time difference between the appearance of vibrations and the moment of the earthquake can be taken as a group velocity $C_i(\tau)$, for the given period (Eq.3). The experimental points were plotted (Fig.3).

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SOV/ 49-58-12-8/17

The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

which formed a curve (Eq.4). From this equation and the period Eq.(5), the formula (6) can be found. By substituting it in Eq.(3) the relation of group velocity to the period can be expressed as $C_g = C_g(\tau)$. As an example, the data of the earthquake on March 17, 1957, are shown in Fig.4. The values of the group velocities for all 4 earthquakes are shown in Table 3. The azimuth of the epicentres were calculated by various methods. The results of calculations are shown in Table 4. The last row shows the values calculated by the formula (7), where ΔT_{12} and ΔT_{13} - differences between the first vibrations as registered by the three stations (1, 2, 3), $\beta = 57^{\circ}18'$ at the point 1, and $\beta = 90^{\circ}$ at the point 2 (Fig.3: a). It can be stated that the relation of the difference of the epicentral distances to the time difference of the first vibration at the station is equal to the phase velocity of the waves of a given period. This velocity was determined for 2 distant earthquakes: April 14, 1957 in Samoa and July 28, 1957 in South Mexico. The data are shown in Fig.5 as black circles, together with similar

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SOV/ 49-58-12-8/17

The Determination of the Group Velocity and the Bearing of Epicentres, by Rayleigh Waves of 3 Adjacent Stations

values calculated by other methods (white circles) (Ref.3). The position of the circles indicates that the thickness of the earth crust in the Caucasus is about 50 km. There are 4 tables, 5 figures and 7 references, of which 5 are Soviet and 2 English.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of the Earth)

SUBMITTED: April 9, 1958.

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SOV/49-59-9-8/25

AUTHORS: Savarenskiy, Ye. F. and Raginov, Sh. S.

TITLE: On the Determination of the Crustal Thickness From the Group Velocity of Rayleigh Waves

PERIODICAL: Izvestiya Akademii nauk, SSSR, Seriya geofizicheskaya, 1959, Nr 9, pp 1364-1367 (USSR)

ABSTRACT: The data of twelve earthquakes tabulated in Tab 1 was used for the determination of the group velocity of Rayleigh waves, the paths of which from the epicentres to the observed stations (Shemakha, Kirovabad and Goris) are illustrated in Fig 1. The parameters of the waves were found to be similar to the phase velocities determined by Press (Ref 3). Fig 2 shows the group velocities of the continental waves (curves 1 to 6) and the sea-bed waves (curve 7). The analysis showed that observed results do not always agree with the theoretical curves and that in the period from 11 to 22 secs some of the observed group velocities were smaller than 2.8km/sec. These discrepancies can be explained by the insufficient accuracy of the measuring methods or by the multi-layer crust. These regions, therefore, were omitted in the calculations which showed the crust thickness of 30 km in the Eastern direction ✓

Card 1/2

NOV/49-59-8-8125

On the Determination of the Crustal Thickness From the Group Velocity of Rayleigh Waves

and 35 km in the North Eastern direction from the Caucasus. Fig 3 shows the continental group velocities determined by the various authors whose works are included in Refs 1 to 6. There are 3 figures, 1 table and 6 references, 4 of which are Soviet and 2 English.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences, USSR, Institute of Physics of the Earth)

SUBMITTED: January 14, 1959 ✓

Card 2/2

RAGIMOV, Sh.S.

Nature of discontinuities in hodographs of refracted waves.
Dokl. AN Azerb. SSR 16 no.4:337-339 '60. (MIRA 13:7)

1. Institut geologii AN Azerbaydzhanskoy SSR. Predstavleno akad.
AN Azerbaydzhanskoy SSR M.A. Kashkayem.
(Seismic waves)

RAGIMOV, Sh.S

Direction of the sides of a station triangle in determining
the azimuth of seismic waves by the three-station method.
Dokl. AN Azerb. SSR 16 no. 6:547-548 '60. (MIRA 13:10)

1. Institut geologii AN Azerbaydzhanskoy SSR. Predstavleno
akademikom AN Azerbaydzhanskoy SSR Z.I. Khalilovym.
(Seismometry)

KUZNETSOV, V.P.; RAGIMOV, Sh.S.; ALIYEVA, S.M.

Mashtagi-Nardaran earthquakes of December 17, 1961. Izv. AN SSSR.
Ser. geofiz. no.9:1386-1388 S '63. (MIRA 16:10)

1. Institut geologii AN AzerbSSR.

RAGIMOV, Sh.S.; DZHAFAROV, R.D.; BAGIROVA, Z.A.; MAMEDOV, I.F.; AGA-ZADE, S.S.;
ALIYEVA, E.R.; ALIYEV, A.M.; ALIMAMEDOVA, V.P.

Caspian earthquake of September 18, 1961. Izv. AN SSSR. Ser. geofiz.
no.9:1389-1391 3 '63. (MIRA 16:10)

1. Akademiya nauk AzerbSSR, Institut geologii.

KUZNETSOV, V.P.; RAGIMOV, Sh.S.; DZHAFAROV, R.D.; ALIYEV, A.M.; BAGIROVA, Z.A.;
AGA-ZADE, S.S.; MAMEDOV, I.F.; ALIYEVA, S.M.; KULIYEV, A.S.;
DEMIKHOVSKAYA, E.M.; SUBASHIYEVA, O.S.; AGALAROVA, A.B.;
SHAKHMALIYEVA, Sh.A.; MIRZOYEVA, G.I.; KASPAROV, V.A.

Caspian earthquake of January 27, 1963. Izv. AN SSSR. Ser. geofiz.
no.9:1392-1393 S '63. (MIRA 16:10)

1. Institut geologii AN AzerbSSR.

RAGIMOV, Sh.S.; PAVLOVSKAYA, N.A.

Determining the direction towards an epicenter from Rayleigh and Love waves. Dokl. AN Azerb. SSR 19 no.1:31-33 '63. (MIRA 16:4)

1. Institut geologii AN AsSSR. Predstavleno akademikom AN AzSSR A.D.Sultanovym. (Elastic waves)

ACCESSION NR: AP4011694

S/0249/63/019/009/0051/0053

AUTHOR: Ragimov, Sh. S.

TITLE: Secondary Rayleigh waves

SOURCE: AN AzerbSSR. Doklady*, v. 19, no. 9, 1963, 51-53

TOPIC TAGS: Rayleigh waves, group velocity, earthquake, seismograph record, seismic station, granite

ABSTRACT: The characteristics of second group Rayleigh waves have been studied by plotting theoretical curves beside the group velocity data recorded from three different earthquakes. To ensure further certainty in the group velocities of the Rayleigh waves, only vertical seismograph records were used between two close seismic stations, Kirovabad and Goris. Certain differences are noted in the data which indicate the presence of the second group Rayleigh waves in granite and sedimentary rocks. Orig. art. has: 1 figure.

ASSOCIATION: Institut geologii (Institute of Geology)

Card 1/2

ACCESSION NR: APl4014694

SUBMITTED: 11Mar63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: AS

NO REF SOV: 004

OTHER: 001

Card 2/2

RAGIMOV, Sh.S.

Studying crustal structure according to macroseismic data. Dokl.
AN Azerb. SSR 19 no.11:45-48 '63. (MIRA 17:3)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR
A.D. Sultanovym.

RAGIMOV, Sh.S.

Studying crustal faults on the basis of macroseismic data. Izv.
AN SSSR. Ser. geofiz. no.7:1052-1057 JI '64. (MIRA 17:7)

1. Institut geologii imeni I.M. Gubkina AN Azerbaydzhanskoy
SSR.

5/2619/64/000/033/0124/0143

ACCESSION NR: AT4045972

AUTHOR: Vvedenskaya, N. A.; Ozhanuzakov, K. D.; Iodko, V. K.; Kondorskaya, N. V.; Landyrgova, N. S.; Misharina, L. A.; Mnatsakanyan, D. H.; Ragimov, Sh. S.; Semenov, P. G.; Tabulevich, V. N.

TITLE: Byulleten' sil'nykh zemletryaseniy SSSR (Bulletin of the Strong Earthquakes of the SSSR) for 1961

SOURCE: AN SSSR. Institut fiziki Zemli. Trudy*, no. 33(200), 1964. Voprosy inzhenernoy seysmologii (Problems of earthquake engineering), no. 9, 124-143

TOPIC TAGS: geophysics, seismology, earthquake, earthquake focus, earthquake epicenter, earthquake intensity, seismicity

ABSTRACT: The "Bulletin of the Strong Earthquakes of the SSSR" is a periodic annual summary which simultaneously summarizes all instrumental and noninstrumental data on the strong earthquakes ($M \geq 4$) occurring in the Soviet Union. The Bulletin contains a catalogue of earthquakes (reproduced in the paper for 1961 in the form of a lengthy table), a map of the epicenters and a brief description of the strongest earthquakes. The catalogue includes instrumental data on the coordinates of the epicenter, focal depth, magnitude M and the time of occurrence of earthquakes, taken from the Byulleten' seti seysmicheskikh stantsiy SSSR (Bulletin of the Network of Seismic Stations of the SSSR) and noninstrumental data -- information on

Card 1/6

ACCESSION NR: AT4045972

the sensed intensity of earthquakes, received from reports submitted by local inhabitants or from investigations devoted to descriptions of the strongest earthquakes. With the exception of the Kurile-Kamchatka zone, in the catalogue there are data for all earthquakes with $M \geq 4$, and all earthquakes for which M was not determined but which were recorded by seismic stations of the general type as having epicentral distances greater than 1,000 km. Data for the Kurile-Kamchatka zone include all earthquakes with $M \geq 5$. A map is presented in the paper which shows the location of the epicenters of the earthquakes listed in the catalogue; there were 272 earthquakes in the SSSR with $M \geq 4$. Their distribution by regions and intensities is tabulated in the original text. Fig. 1 of the Enclosure shows the value $\sum E^{1/2}$ for individual seismically active zones of the SSSR for 1961, computed using the formula $\lg E = 11.8 + 1.5 M$. Fig. 2 of the Enclosure shows the change with time of the deviation from the mean annual value $\sum E^{1/2}$ for four seismically active zones. Along the y-axis of the graph there is plotted the value $\sum E^{1/2} - (\sum E^{1/2})_{\text{mean}}$ and along the x-axis - time (1946-1961). The value $(E^{1/2})_{\text{mean}}$ for each zone is indicated at the right of the graph. The authors go on to describe briefly, but individually, the most important seismic phenomena occurring in various regions of the SSSR in 1961. The annual publication of the Bulletin was begun in 1956 and until 1961 it was printed in the Trudy* Instituta Fiziki Zemli AN SSSR in the collection of articles Voprosy Inzhenernoy seysmologii

Card 2/6

ACCESSION NR: AT4045972

(Problems of Earthquake Engineering). Beginning with the Bulletin for 1962, the report will be published in annual numbers of Zemletryaseniya SSSR, which will be a separate publication. Orig. art. has: 11 figures and 1 table.

ASSOCIATION: Institut fiziki Zemli AN SSSR (Institute of Physics of the Earth, AN SSSR)

SUBMITTED: 00

ENCL: 03

SUB CODE: ES

NO REF SOV: 004

OTHER: 000

Card 3/3

SECRET

CONFIDENTIAL

TOP SECRET

RAGINOV, Sh.S.; ISHAFAROV, R.D.; ALIYEV, A.M.

The Tuz earthquake in October 1962. Dokl. AN Azerb. SSR 71
no.3:62-63 '65. (1964: 12:7)

1. Institut geologii AN AzerSSR.

RAGIMOV, Sh.S. [deceased]

Energy density distribution in the frequency spectrum
of surface waves. Izv. AN SSSR. Fiz. zem. no.11:80 '65.
(MIRA 18:12)

1. Institut fiziki Zemli AN SSSR. Submitted June 3, 1964.

RAGIMOV, Z. A. , Cand Biol Sci (diss) -- "The results of studying the 'bookweb' tick, and a specification of measures to combat it under the conditions of the western zone of the Azerb SSR". Kirovabad, 1959. 25 pp (Min Agric USSR, Georgian Order of Labor Red Banner Agric Inst), 250 copies (KI, No 14, 1960, 130)

USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Pests of the Technical, Oil, Medicinal and Essential-Oil Cultures. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82970

Author : Roginov, A. A.

Inst : The Azerbaijan Scientific Institute of the Cotton Growing Institute

Title : The Latest Preparations in the Struggle Against the Spider Mite on the Cotton Plant

Orig Pub : Byul. nauchno-tekhn. inform. Azerb. n.-i. in-ta khlopkovodstva, 1957, No 2, 15-16

Abstract : The spraying by a 0.7% emulsion of chlorthene, with the addition of DDT, on 30 August-4 September, reduced the number of mites 76-90.6 and 61-65% in 3 to 6 days. The spray effectiveness of a 0.35, 0.5 and 0.7% emulsion of chlorthene and chlorindane on 30 August-6 September was,

Card 1/2

USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Pests of the Technical, Oil, Medicinal and Essential-Oil Cultures. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82970

in 3 days after treatment, respectively: 53, 78.5 and 75.5%; 32, 39.8 and 74.4%; in six days, +28% (the plus sign indicating the growth of the mites), 36.8 and 11.1%; +58, +9.3 and +13.5%. -- A. P. Adrianov

Card 2/2

BEREZIN, I.V., RAGIMOVA, A.M.

Intermediate reactions of ketones in the liquid-phase
oxidation of octadecane. Dokl.AN Azerb.SSR 16 no.1:19-22
'60. (MIRA 13:6)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavleno akad. AN Azerbaydzhanskoy SSR M.F. Nagiyevym.
(Ketones) (Octadecane) (Oxidation)

BEREZIN, I.V.; RAGIMOVA, A.M.

Mechanism of decarboxylation of acids in the liquid phase
oxidation of hydrocarbons. Role of polar factors in free
radical reactions. Zhur. fiz. khim. 36 no.3:581-587. Mr 1960.
(MIRA 1718)
1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

BEREZIN, I.V.; RAGIMOVA, A.M.

Behavior of fatty acids in the process of liquid-phase oxidation. Dokl.AN Azerb.SSR 15 no.3:219-223 '59.
(MIRA 12:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavleno akademikom AN AzerSSR M.F.Nagiyevym.
(Acids, Fatty) (Oxidation)

BEREZIN, I.M.; RAGIMOVA, A.M. (Moskva)

Esterification process in the liquid phase oxidation of octadecane.
Zhur. fiz. khim. 35 no. 4:842-847 Ap '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Octadecane) (Esterification) (Oxidation)

RA GIMOVA, KH

BOOK EXPLOITATION

80V/5165

Akademiya nauk Azerbaydzhanskoj SSR

Tezisy dokladov Sbornik dokladov po vychislitel'noj matematike i primeneniyu
svoystv vychislitel'nykh tekhnol (Outlines of Reports of the Conference On
Computational Mathematics and the Use of Computer Techniques) Baku, 1958.
63 p. 400 copies printed.

Additional Sponsoring Agencies: Akademiya nauk SSSR, Vychislitel'nyy tsentr,
and Akademiya nauk SSSR, Institut avtomatiki i telemekhaniki.

No contributors mentioned.

PURPOSE: This book is intended for pure and applied mathematicians, scientists,
engineers and scientific workers, whose work involves computation and the use
of digital and analog electronic computers.

CONTENT: This book contains summaries of reports made at the Conference on
Computational Mathematics and the Application of Computer Techniques.
The book is divided into two main parts. The first part is devoted to
computational mathematics and contains 19 summaries of reports. The second
section is devoted to computing techniques and contains 20 summaries of
reports. No personalities are mentioned. No references are given.

Nabich, Yu.A. On the Filtration of a Liquid in Nonhomogeneous Media	36
Mikhailov, Ya.A. System of Instructions for a Universal Digital Computer With Magnetic (Ferrite) Elements and its Circuits	38
Nikolayev, N. New Continuously Operating Mathematical Machines for the Solution of Mathematical Physics Problems	40
Magisova, Zh. Application of Mathematical Machines for the Solution of a Number of Scientific and Engineering Problems of Petroleum Production (Summary Reports)	41
Belkin, V.D. Application of Electronic Digital Computers in National Economic Planning	43
Babuashkin, M.E. Operational Experience of the NPT-9 and IPT-5 Analog Devices and Certain Possibilities for Increasing the Number of Problems They Are Able to Solve	52
Marushchik, T.I. On the Exactness of the Solution of a Finite-differ- ence Equation, Which Approximates the Poisson Equation, on Electric Grids	53

Card 6/7

L 24225-66 EWT(1)/EWA(h) GW
ACC NR: AT6010300

SOURCE CODE: UR/3195/65/000/006/0077/0083

AUTHOR: Savarenskiy, Ye. F.; Ragimov, Sh. S.; Aga-zade, S. S.

42
6

ORG: none

TITLE: Determination of group velocities of surface waves

SOURCE: AN SSSR. Mezhdovedomstvennyy geofizicheskiy komitet. Seysmicheskiye issledovaniya, no. 6, 1965, 77-83

TOPIC TAGS: Rayleigh wave, earthquake, seismologic station, seismic wave, wave velocity

ABSTRACT: Three analytical methods for determining the group velocities of Rayleigh waves are discussed and the results of their application to the wave dispersion from several earthquakes in the Pacific Ocean are evaluated. The separate determination of velocity for each oscillation, oscillation grouping and parabolic approximation methods were applied to the evaluation of group velocity of earthquakes with epicenters in the equatorial and southern Pacific. Seismic data from each earthquake were evaluated on the basis of seismograms from the Kirovabad and Goris stations separated by a distance of 126 km. The study shows velocity determination by the separate method to be precise and objective. The average thickness of the earth's crust is 36 km for the Caucasus, Kamchatka, and the Kurile Islands, 30 km for the Japan and the Samoan Islands, and 34 km for Santa Cruz and New Britain, the Yellow Sea, and the South China

2

Card 1/2

L 24225-66

ACC NR: AT6010300

Sea. It is concluded that the experimental curves for the dispersion of surface Rayleigh waves do not always lead to the correct evaluation of the mean structure of the earth's crust between an epicenter and the observation station. Orig. art. has: 6 figures, 2 tables, 5 formulas.

SUB CODE: 08,20/

SUBM DATE: 00/

ORIG REF: 003/

OTH REF: 001

Card 2/2 BLC

RYAKHOVSKIY, V.; RAGIMOV, Z., kand. biolog. nauk; SULEYMANOV, S., mladshiy nauchnyy sotrudnik; SHVETSOVA, A., dotsent; SEMENOV, A., assistent; GROMOVA, A., kand. biolog. nauk; SELIN, I., nauchnyy sotrudnik; LAZHAUNIKAS, Ye.; MELESHKO, R.; PREOBRAZHENSKIY, V., starshiy prepodavatel'

To the attention of a plant protector. Zashch. rast. ot vred. i bol.
10 no.6:40-43 '65. (MIRA 18:7)

1. Zaveduyushchiy otdelom zashchity rasteniy Luganskoy sel'skokhozyaystvennoy opytной stantsii (for Ryakhovskiy).
2. Azerbaydzhanskiy nauchno-issledovatel'skiy institut zashchity rasteniy, Kirovabad (for Ragimov, Suleymanov).
3. Omskiy sel'skokhozyaystvennyy institut (for Shvetsova, Semenov).
4. Otdel zashchity rasteniy Smolenskoy sel'skokhozyaystvennoy opytной stantsii (for Selin).
5. Zaveduyushchiy Tel'manskim punktom signalizatsii i prognozov, Karagandinskaya oblast' (for Lazhaunikas).
6. Zaveduyushchaya Vitebskim punktom signalizatsii i prognozov (for Meleshko).
7. Buryatskiy sel'skokhozyaystvennyy institut (for Preobrazhenskii).

RAGIMOVA KH. S.

BR

25

PHASE I BOOK EXPLOITATION SOV/5562

Vsesoyuznoye soveshchaniye po vychislitel'noy matematike i primeneniyu sredstv vychislitel'noy tekhniki, Baku, 1958.

Trudy (Transactions of the All-Union Conference on Computer Mathematics and Applications of Computers) Baku, Izd-vo AN Azerbaydzhanskoy SSR, 1961. 254 p. 500 copies printed.

Sponsoring Agency: Akademiya nauk Azerbaydzhanskoy SSR. Vychislitel'nyy tsentr.

Eds.: A.A. Dorodnitsyn, S.A. Aleskerov, and K.F. Shirinov; Ed. of Publishing House: A. Til'man; Tech. Ed.: T. Ismailov.

PURPOSE: The book is intended for mathematicians and other specialists interested in computer theory and uses for computers.

COVERAGE: The book contains the texts of 24 papers presented at the All-Union Conference on Computer Mathematics and Applications of Computers held in Baku, 3-8 Feb 1958. The "Resolution"

Card 1/3

25

Transactions of the All-Union (Cont.)

SOV/5962

of the conference, consisting of proposals for accelerating the development of computer mathematics and computer engineering, is also included.

TABLE OF CONTENTS:

Khalilov, Z.I. Introductory Remarks 7

Dorodnitsyn, A.A. Problems of Computer Technology 9

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Dzhabarzade, R.M. The Use of Computers for Operational Weather Forecasting 20

Korolyuk, V.S. Construction of Logic Problem Algorithms 23

Card 2/8

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Babich, Yu.A. Filtration of a Fluid in Heterogeneous Strata		127
Makhmudov, Yu.A. Results in the Development of a Universal Digital Computer Employing Magnetic (Ferritic) Elements		138
Makhmudov, Yu.A. Instruction System for a Universal Digital Computer Employing Magnetic (Ferritic) Elements and Its Schematic Execution		155
<u>Ragimova, Kh.S.</u> Use of Computers in Solving Petroleum Industrial Engineering Problems		177
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Nikolayev, N.S. New Analog Computers (Electromodels) for the Solution of Problems in Mathematical Physics		200

Card 5/6

ACCESSION NR: AP4043026

served and measured, and transitions of the Q, R, and P branches were identified by the Stark splitting. The frequencies were also calculated from the effective rotation constants of the molecules and compared with the measured values. The agreement was generally good, and some discrepancies are attributed to centrifugal perturbation and internal rotation. Each identified line had satellites, which could be accurately determined from the corresponding rotation constants. It is assumed that these satellites belong to the first excited vibration state. Orig. art. has: 2 tables.

ASSOCIATION: None

SUBMITTED: 29Dec63

ENCL: 02

SUB CODE: OP

NR REF SOV: 003

OTHER: 000

Card 2/4

ACCESSION NR: AP4043026

ENCLOSURE: 01

Frequencies of identified transitions

1 Переход	2 Частота перехода, (МГц)			
	3 основного состояния		4 возбужденного состояния	
	5 измеренная	6 вычисленная	измеренная	вычисленная
1 ₀₁ -1 ₁₀	21405.0	21405.0	21270.0	21270.0
2 ₀₂ -2 ₁₁	22349.0	22348.95	22186.8	22186.8
3 ₀₃ -3 ₁₂	23820.0	23820.6	23616.3	23614.95
4 ₀₄ -4 ₁₃	25884.5	25884.7	25618.2	25616.0
5 ₀₅ -5 ₁₄	27621.2	28622.1	28269.4	28267.2
6 ₀₆ -6 ₁₅	32118.6	32122.0	31658.7	31654.15
2 ₁₂ -3 ₀₃	25527.3	25527.3	25521.7	25521.7
4 ₂₃ -5 ₁₄	19238.7	19239.2	19253.3	19261.4
5 ₂₃ -6 ₁₆	16693.8	16695.7	17201.2	17204.7
3 ₁₃ -2 ₀₀	20377.0	20379.1	20030.1	20031.1
5 ₂₄ -4 ₃₁	29482.5	29485.8	29027.0	29029.4
6 ₂₄ -5 ₃₃	12280.0	12275.1	—	—
6 ₂₅ -5 ₃₂	14644.0	14645.85	14208.0	14209.2

1 - Transition, 2 - transition frequency (Mc), 3 - ground state, 4 - excited state
 Card 3/4 5 - measured, 6 - calculated

ACCESSION NR: AP4043026

ENCLOSURE: 02

Effective rotation constants of the CD_3CH_2OH molecule, Mc

1 Постоян- ные	2 Основного состояния	3 Возбужден- ного состоя- ния
A	28490.1	28352.1
B	7994.0	7970.4
C	7085.1	7082.1

1 - Constants, 2 - ground state, 3 - excited state

Card 4/4

IMANOV, L.M.; ABDURAKHMANOV, A.A.; RAGIMOVA, R.A.

Microwave rotational spectrum of the $\text{CH}_3\text{CD}_2\text{OH}$ molecule. *Izv. AN Azerb. SSR.Ser.fiz.-tekh.i mat. nauk no.3:103-106 '64.*

(MIRA 17:12)

L 9485-66

ACCESSION NR: AP4043026

8/0051/64/017/002/0306/0307

AUTHORS: Imanov, L. M.; Abdurakhmanov, A. A.; Ragimova, R. A. ^{SS} 21 B

TITLE: Microwave spectrum and effective rotation constants of the molecule CD_3CH_2OH

SOURCE: Optika i spektroskopiya, v. 17, no. 2, 1964, 306-307

TOPIC TAGS: ethyl alcohol, molecular structure, deuterated compound, microwave spectroscopy, Stark splitting, spectrum line

ABSTRACT: In order to refine the structure of the ethyl alcohol molecule (L. M. Imanov and Ch. O. Kadzhar, Doklady AN AzerbSSR, v. 10, 861, 1961; Opt. i spektr. v. 14, 300, 1963) the authors investigated the microwave spectrum of the β -trideuteroethyl alcohol molecule using a radiospectrometer with electric molecular modulation (Imanov and Abdurakhmanov, Izv. AN AzerbSSR, 6, 79, 1963) in the 10--33 Gc range. More than 200 lines of the molecule were ob- ^{SS}

Card 1/4

L 9485-66

ACCESSION NR: AP4043026

served and measured, and transitions of the Q, R, and P branches were identified by the Stark splitting. The frequencies were also calculated from the effective rotation constants of the molecules and compared with the measured values. The agreement was generally good, and some discrepancies are attributed to centrifugal perturbation and internal rotation. Each identified line had satellites, which could be accurately determined from the corresponding rotation constants. It is assumed that these satellites belong to the first excited vibration state. Orig. art. has: 2 tables.

ASSOCIATION: None

SUBMITTED: 29Dec63

ENCL: 02

SUB CODE: OP

NR REF SOV: 003

OTHER: 000

Card 2/4

L 9485-66

ACCESSION NR: AP4043026

ENCLOSURE: 01

Frequencies of identified transitions

1 Переход	2 Частота перехода, (мгц)			
	3 основного состояния		4 возбужденного состояния	
	5 измеренная	6 вычисленная	измеренная	вычисленная
1 ₀₁ -1 ₁₀	21405.0	21405.0	21270.0	21270.0
2 ₀₁ -2 ₁₁	22349.0	22349.95	22186.8	22186.8
3 ₀₁ -3 ₁₂	23820.0	23820.6	23616.3	23614.95
4 ₀₁ -4 ₁₃	25894.5	25894.7	25618.2	25616.0
5 ₀₁ -5 ₁₄	29621.2	29622.1	28269.4	28267.2
6 ₀₁ -6 ₁₅	32118.6	32122.0	31658.7	31654.15
2 ₁₁ -3 ₀₂	25527.3	25527.3	25521.7	25521.7
4 ₁₁ -5 ₁₄	19238.7	19239.2	19253.3	19261.4
5 ₁₁ -6 ₁₅	16693.8	16695.7	17201.2	17204.7
3 ₁₁ -2 ₃₀	20377.0	20379.1	20030.1	20031.1
5 ₁₁ -4 ₃₁	29482.5	29485.8	29027.0	29029.4
6 ₁₁ -5 ₃₂	12240.0	12275.1	-	-
6 ₁₁ -5 ₃₂	14644.0	14645.95	14208.0	14209.2

1 - Transition, 2 - transition frequency (Mc), 3 - ground state, 4 - excited state
 Card 3/4 5 - measured, 6 - calculated

L 9485-66

ACCESSION NR: AP4043026

ENCLOSURE: 02

Effective rotation constants of the CD_3CH_2OH molecule, Mc

1 Постоян- ные	2 Основного состояния	3 Возбужден- ного состо- яния
A	28490.1	28352.1
B	7894.0	7970.4
C	7085.1	7082.1

1 - Constants, 2 - ground state, 3 - excited state

Card 4/4 *ids*

IMANOV, L.M.; ABDURAKHMANOV, A.A.; RAGIMOVA, R.A.

Effective rotation constants for the $\text{CH}_3\text{CH}_2\text{OD}$ molecule.
Dokl. AN Azerb. SSR 20 no.12:7-8 '64. (MIRA 18:4)

1. Institut fiziki AN AzerbSSR.

RAGIMOVA, S.

3762. Alteration of phagocytic activity of leucocytes in hysteria and experimental neurosis. A. I. Karaev, T. D. Galbov, and S. 3

Med Rawimova Dohl. Akad. Nauk. Azerbaidzh. S.S.R., 1955, 11, 433-435. Referat. Zh. Biol., 1956, Abstr. No. 74430. The phagocytic activity of leucocytes (PAL) against staphylococci was significantly reduced in hysteria (a condition of heightened excitability) in cats and experimental neurosis in rabbits. Hysteria was produced by 4-6 hourly stimulation of the peroneal nerve by induction current in narcotised animals, and neurosis by daily 5-min. stimulation with a rattle and 500 watt lamp. The same type of weakening of PAL in hysteria and neurosis bears witness to the essential similarity of these conditions. (Russian) M. LUBBY

USSR/Human and Animal Physiology. Internal Secretion

T-8

Abstr Jour : Ref Zhur - Biol., No 14, 1958, No 65531

Author : Karayev A.I., Reginova S.I.

Inst : Azerbaydzhan University

Title : The Change in the Phagocytic Activity of the Leukocytes in Alloxan Diabetes.

Orig Pub : Uch. zap. Azerb. un-ta, 1957, No 1, 81-84

Abstract : Rabbits were given a dose of 100 mg/kg of alloxan, and dogs were given a dose of 90 mg/kg. In the rabbits the hyperglycemia reached a maximum between the 3rd and 6th day after the intoxication, and toward the 40th day the glycemia gradually decreased. The phagocytic activity of the leukocytes reached a minimum between the 3rd and 6th day, i.e., a parallel was seen between the glycemia and the phagocytic activity of the leukocytes. With the conclusion of the toxic period (before the 15th day), the phagocytic activity of the leukocytes gradually increased. In 2 dogs

Card : 1/2

FARHADOV, A.A.; RAGIMOVA, S.A.; MAMMADOVA, E.B., red.

[Electrochemical method for the control of scale formation
in circulating cooling systems] Elektro-khimiicheskiy metod
bor'by s nakip'iu v tsirkuliatstsiennykh sistemakh okhlazh-
deniia. Baku, Azerneshr, 1964. 100 p. (NERA 17:10)

RAGIMOVA, S.A.
KARAYEV, A.I.; RAGIMOVA, S.A.

Changes in the phagocytic activity of blood leucocytes in alloxan
diabetes. Uch. zap. AGU no.1:81-84 '57. (MIRA 10:12)
(PHAGOCYTOSIS) (DIABETES) (ALLOXAN)

RAGIMOVA, SH.G., assistant

Variations in the splenic artery. Azerb.med.zhur. no.3:91-92
Mr '58 (MIRA 11:7)

1. Iz kafedry normal'noy anatomii (zav. - zasluzh. deyatel' nauki
prof. K.A. Balakishiyev) Azerbaydzhanskogo gosudarstvennogo meditsinsko-
go instituta im. N. Narimanova.
(SPLENIC ARTERY)

RACIMOVA, Zh. S., Cand Med Sci (diss) -- "The problem of the spleen's blood supply". Baku, 1960. 15 pp (Azerb State Med Inst im N. Narimanov), 220 copies (XI, No 10, 1960, 137)