

AGAYEV, B.A., CHESNOKOVA, G.D.

Changes in total gas exchange and basal metabolism during artificial
(pharmacological) hibernation. Azerb.med.zhur. no.6:65-70 Je '58
(MIRA 11:7)

1. Iz kliniki gosital'noy khirurgii pediatricheskogo fakul'teta
(zav. - prof. A.V. Gulyayev) 2-go Moskovskogo gosudarstvennogo
meditsinskogo instituta im. N.I. Pirogova.

(RESPIRATION)

(METABOLISM)

CHESKOKOVA, G.D., kand.med.nauk, AGAYEV, B.A., aspirant

Artificial hibernation in the prevention and treatment of surgical and traumatic shock [with summary in English]. Khirurgiia 34 no.6 59-66 Je '58 (MIRA 11:8)

1. Iz gospital'noy khirurgicheskoy kliniki (sav. - prof. A.V. Gulyayev) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova i laboratorii eksperimental'noy fiziologii po oshivleniyu organizma (sav. prof. V.A. Negovskiy) AMN SSSR,

(HIBERNATION, ARTIFICIAL,

in prev. ther. of surg. & traum. shock (Rus))

(SHOCK, therapy,

artif. hibernation in prev. & ther. of surg. & traum shock (Rus))

AGAYEV, B. A., kand. med. nauk

Resection of the left lobe of the liver in adenoma. Khirurgiia
37 no.7:126-127 J1 '61. (MIRA 15:4)

1. Iz kafedry gosspital'noy khirurgii (zav. - zasluzhennyi deyatel'
nauki prof. V. M. Bal') Astrakhanskogo meditsinskogo instituta.

(LIVER--TUMORS)

AGAYEV, B.A. (Baku, ul. Kasum Izmaylova, 117, kv.9)

Anesthesia in extensive extirpation of the uterus due to cancer.
Vop. onk. 8 no.9:90-94 '62. (MJRA 17:6)

1. Iz klinicheskogo otdeleniya (zav. kand. med. nauk A.G. Nadzharov) Azerbaydzhanskogo nauchno-issledovatel'skogo instituta rentgenologii i radiologii (dir. dotsent M.M. Alifishibekov).

AGAYEV, B.A.

First programs on mathematics for Azerbaijani Soviet schools.
Uch. zap. AGU. Ser. fiz.-mat. nauk no.1:67-77 '63

(MIRA 18:1)

AGAYEV, B.A.

Functional state of the adrenal cortex before and following surgery
in cancer of the cervix uteri. Vop. onk. 11 no.1:21-24 '65.

(MIRA 18:6)

1. Iz klinicheskogo otdeleniya (zav. - kand.med.nauk A.G.Nadzharov)
Azerbaydzhanskogo nauchno-issledovatel'skogo instituta rentgenologii,
radiologii i onkologii (dir. - doktor med.nauk M.M.Alikishibekov).

NADZHAROV, A.C., kand. med. nauk; AGAYEV, B.A., kand. med. nauk; SUKHININA, M.G.,
kand. med. nauk; ASLANOV, T.T., nauchnyy sotrudnik

Diagnosis and treatment of gastric phytobezoars. Azerb. med. zhur.
42 no.2:41-47 F '65. (MIRA 18:7)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo instituta
rentgenoradiologii (dir. -- doktor med. nauk M.M.Alikishibekov).

AGAYEV, B.A.

Changes in the content of sodium and potassium in the plasma
and erythrocytes of cancer patients before and following
surgery. Azerb. med. zhur. 42 no.4:20-27 Ap '65.

(MIRA 18:9)

AGAYEV, Bala Mamud ogly; BEKHBUDOV, A.K., redaktor; TIL'MAN, A., redaktor
redaktor; AGAYEVA, Sh., tekhnicheskiy redaktor

[Physical properties of soils in northern Mugan] Fizicheskie svoistva
pochv Severnoi Mugani. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR,
1956. 102 p. (MLRA 10:10)
(Kura Lowland--Soils)

AGAYEV, B.M., ~~land geol.~~ geol.-min. nauk

Ed. Mand. copy

Academician V.R.Volobuev has been awarded the V.V.Dokuchaev's prize. Izv.AN Azerb.SSR.Ser.biol.i sel'khoz.nauk no.2:124-125 '59.

(MIRA 12:8)

Inst. Agrometeorology and Soil Science Azerb. SSR

1. Direktor Instituta pochvovedeniya i agrokhimii AN Azerbaydzhanskoy SSR.

(Volobuev, Vladimir Rodionovich)
(Soils and climate)

AGAYEV, B.M.; BABAYEV, G.G.

Gypseous Chestnut soils occurring along the southeastern edge of
the Lesser Caucasus. Dokl. AN Azerb. SSR 15 no.10:945-948 '59.
(MIRA 13:3)

(Azerbaijan--Soils)

AGAYEV, B.M.

Studying the physical properties of soils in Azerbaijan. Izv. AN
Azerb. SSR. Ser. biol.med. nauk no. 2:109-113 '60.

(MIRA 13:10)

(AZERBAIJAN—SOIL PHYSICS)

AGAYEV, B.M., kand. med. nauk

Honored Scientist, Professor Nazirov Mirza Rza Mirza Mesi
ogly. Azerb. med. zhur. 41 no.8:76-78 Ag '64.

(MIRA 18:11)

AGAYEV, B. M.

"On the Status of Laboratory Work in the Republic, (Labaartorencye Delo, No. 2, Mar-Apr 56, p. 59) (U)," a report given at the first republic scientific practical conference of physician-bacteriologists of the Scientific Research Institute of Epidemiology, Microbiology, and Hygiene of the Ministry of Health, Azerbaydzhan SSSR held in Baku, 25 Apr 56.

Azerbaydzhan Inst. 7

SUM: 1360 p. 239

AGAYEV, B.M.

Course of malaria control in the Azerbaijan S.S.R. and the results of the struggle against helminthiasis and other parasitic diseases. Med.paraz. i paraz.bol. 26 no.5:594-598 S-0 '57. (MIRA 11:2)

1. ^{Dep.} Zamestitel' ^{hi.} ministra ^{Health} zdravookhraneniya Azerbaydzhanskoy SSR.
(MALARIA, prev. & control
in Azerbaidzhan, Russia (Rus))
(PARASITIC DISEASES, prev. & control
same)

AGAYEV, B. M.: ^{Comb.} Master Biol Sci (diss) -- "Decorative planting in the city of Baku and its sanitary-hygienic significance". Baku, 1958. 19 pp (Azerb State Med Inst im N. Narimanov), 250 copies (KL, No 1, 1959, 116)

AGAYEV, B.M.

Some physiological changes in the child induced by landscape
plantings. Azerb.med.zhur; no.8:78-83 Ag '58 (MIRA 11:9)
(BODY TEMPERATURE)
(TEMPERATURE--PHYSIOLOGICAL EFFECT)

AGAYEV, B.M.

Program for the further expansion of the Soviet public health system. Azerb.med.zhur. no.2:3-6 F '60. (MIRA 13:5)

1. Ministr zdravookhraneniya Azerbaydzhanskoy SSR.
(PUBLIC HEALTH)

TIMAKOV, V.D., otv. red.; AGAYEV, B.M., red.; ALIYEV, A.I., prof., (Baku), GUSEYNOV, D.Yu., red.; VASYUKOVA, Ye.A., prof., red.; ZHUKOVSKIY, M.A., starshiy nauchnyy sotr., red.; POSPELOVA, G.N., dotsent, red.; POD"YAPOL'SKAYA, prof. (Moskva), red.; PASHAYEV, T.G., prof. (Baku), red.; POGOSKINA, M.V., tekhn. red.

[Transactions of an out-of-town session of the Academy of Medical Sciences of the U.S.S.R. in Baku] Trudy Vyezdnoi sessii Akademii meditsinskikh nauk SSSR v Baku. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1961. 335 p. (MIRA 14:8)

1. Akademiya meditsinskikh nauk SSSR, Moscow. 2. Vitse-prezident AMN SSSR (for Timakov). 3. Ministr zdravookhraneniya Azerbaidzhanskoy SSR (for Agayev). 4. Chlen-korrespondent AN Azerbaidzhanskoy SSR (for Guseynov). 5. Chlen-korrespondent AMN SSSR (for Pod"yapol'skaya)

(GOITER) (WORMS, INTESTINAL AND PARASITIC)
(HEALTH RESORTS, WATERING PLACES, ETC.)
(PETROLEUM WORKERS—DISEASES AND HYGIENE)

AGAYEV, B.M.

Forty years of the public health system in the Azerbaijanian
SSR. Klin.med. no.10:34-39 '61. (MIRA 14:10)

1. Ministr zdravookhraneniya Azerbaydzhanskoy SSR.
(AZERBAIJAN--PUBLIC HEALTH)

VOLOBUYEV, V.R.; AGAYEV, B.M., red.; DZHAFAROVA, A., red. izd-va;
ISMAYLOV, T., tekhn. red.

[Ecological and genetic analysis of the soil cover of
Azerbaijan] Ekologo-geneticheskii analiz pochvennogo pokrova
Azerbaidzhanā. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR,
1962. 72 p. (MIRA 15:7)
(Azerbaijan—Soils—Classification)

AGAYEV, B.M.; MAMEDOV, F.F.

Condition of cotton in the fields depending on the degree of soda
salinization. Izv. AN AZerb. SSR. Ser. biol. i med. nauk no.2:79-
86 '62. (MIRA 17:6)

AGAYEV, B.M.; MAMEDOV, F.F.

Mar¹ in soils of Karabakh Lowland and its significance in the process of soil formation. Izv. AN Azerb. SSR. Ser. biol. nauk no.1:69-80 '65. (MIRA 18:5)

AGAYEV, B.S., klinicheskiy ordinator

Effect of ascorbic acid on the oxidation-reduction process in
hepatocholecystitis. Azerb.med.zhur. no.9:58-62 '58 (MIRA 11:11)

1. Iz 1-y gospiatal'noy terapevticheskoy kliniki (zav. - prof.
S.A. Mamedzade) Azerbaydzhanskogo gosudarstvennogo meditsinskogo
instituta im. N.Narimanova.

(ASCORBIC ACID)

(BILIARY TRACT--DISEASES)

AGAYEV, B.S.

Importance of vitamins C and PP in the compound treatment and normalization of the oxidation-reduction processes in hepatocholecystitis.
Azerb. med. zhur. no.11:42-49 N '60. (MIRA 13:12)
(ASCORBIC ACID) (GALL BLADDER--DISEASES)
(OXIDATION, PHYSIOLOGICAL) (NICOTINIC ACID)

AGAYEV, E.R. (Moskva)

Problems of rural health protection in the works of N.A.Semashko;
on the occasion of the fifth anniversary of his death. Fel'd. i
akush. no.8:43-46 Ag '54. (MIRA 7:8)

(PUBLIC HEALTH,

Russia, rural areas, contributions of N.A.Semashko)
(SEMASHKO, NIKOLAI ALEKSANDROVICH, 1874-1949)

AGAYEV, E.R.

Role of a rural hospital in protecting the health of the population;
work practice of the "Pervemaiskaia" Regional Hospital in Moscow
Province. Sov. zdrav. 15 no.4:10-14 J1-Ag '56. (MLRA 9:9)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A.Semashko AMI SSSR (dir. Ye.D.Ashurkov)
(HOSPITALS,
rural in Russia (Rus))
(RURAL CONDITIONS,
hosp. in rural areas in Russia (Rus))

AGAYEV, E.R.

"Rural feldsher-midwife station" by G.F.Konstantinov. Reviewed by
E.R.Agaev. Sov.med.21 no.2:144-146 P '57. (MLHA 10:6)
(PUBLIC HEALTH, RURAL) (KONSTANTINOV, G.F.)

AGAYEV, E.R.

Reducing agricultural injuries. Sov.zdrav. 17 no.5:25-30 My '58.
(MIRA 11:5)

1. Iz Instituta organizatsii zdravookhraneniya i istorii
meditsiny imeni N.A. Semashko Ministerstva zdravookhraneniya SSSR
(dir. Ye.D. Ashurkov).

(ACCIDENTS, INDUSTRIAL, prev. & control
among agricultural workers (Rus))

MOROZOV, N.N., red.; AGAYEV, E.R., red.; SENCHILO, K.K., tekhn.red.

[First aid] Skorais i neotlozhnaia meditsinskiaia pomoshch'.
Moskva, Gos.izd-vo med.lit-ry Medgiz, 1960. 83 p.

(MIRA 14:2)

(FIRST AID IN ILLNESS AND INJURY)

AGAYEV, E. R.

Cand Med Sci - (diss) "Rural physician's territory and basic means for its advancement. (From experience of a study of the activity of physician's territory in the Moscow Oblast and in a number of other oblasts." Moscow, 1961. 19 pp; (First Moscow Order of Lenin Med Inst imeni I. M. Sechenov); 250 copies; free; list of author's works at end of text (11 entries); (KL, 6-61 sup, 236)

AGAYEV, E.R.; DEMIDOV, V.A. (Moskva)

Experience in the brigade method in a municipal polyclinic. Sov.
zdrav. 20 no.1:33-38 '61. (MIRA 14:5)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A.Semashko Ministerstva zdravookhraneniya SSSR i poliklinika
No.37 Frunzenskogo rayona Leningrada.
(HOSPITALS, ADMINISTRATION)

AGAYEV, Envir Rakhimovich, kand. med. nauk; POPOVA, G.F., red.;
PRONINA, N.D., tekhn. red.

[University of health]Universitet zdorov'ia. Moskya, Med-
giz, 1962. 35 p. (MIRA 16:1)
(PUBLIC HEALTH)

AGAYEV. E.R., kand.med.nauk

November Plenum of the Central Committee of the CPSU and some
problems of rural public health. Fel'd. i akush. 28 no.3:3-6
Mr'63. (MIRA 16:7)

1. Iz Instituta organizatsii zdravookhraneniya i istorii medi-
tsiny imeni N.A.Semashko Ministerstva zdravookhraneniya SSSR.
(PUBLIC HEALTH, RURAL)

AGAYEV, E.R., kand.med.nauk (Moskva)

Experience in differentiated medical and sanitary services
to state farm workers. Sov.med. 28 no.11:80-82 N '65.
(MIRA 18:12)

AGAYEV, E.R., red.; PUGINA, V.V., red.; SACHKOV, A.M., red.

[Experience in the work of rural public health centers]
Opyt raboty sel'skikh lechenno-profilakticheskikh uch-
rezhdenii. Moskva, Meditsina, 1965. 182 p.
(MIRA 18:10)

VINOGRADOV, K.V.; AGAYEV, F.T.; ASADULLAYEVA, N.N.

Determining well bottom pressure in gas condensate wells. Azerb. neft.
khoz. 38 no. 12:25-27 D'59. (MIRA 13:10)
(Condensate oil wells)

VINOGRADOV, K.V.; ASADULLAYEVA, N.N.; AGAYEV, F.T.; DADASHZADE, A.M.;
YUSUFOVA, Kh.G.; ROSHAL', S.Ye.

Some features of the gas condensate mixture from well no. 9 of the
Zyrya area. Azerb. нефт. khoz. 39 no.1:27-29 Ja '60. (MIRA 14:8)
(Apsheeron Peninsula--Condensate oil wells)

AGAYEV, F.T.; VINOGRADOV, K.V.

Determining the bottom pressure in condensate gas wells. Azerb.
neft. khoz. 39 no.6:15-16 Je '60. (MIRA 13:10)
(Condensate oil wells)

AGAYEV, F.T.; VINOGRADOV, K.V.

Determination of yield in the central pipes and casing space of
gas-condensate wells. Azerb. neft. khoz 40 no.11:21-22 N '61.
(MIRA 15:1)

(Condensate oil wells)

AGAYEV, F.T.; DADASH-ZADE, A.M.; MOVSUM-ZADE, M.S.; NURIYEV, S.D.

Change in the coefficients of permeability and productivity of wells in the process of oil-field exploitation. Sbor.nauch.-tekh. inform. Azerb. inst. nauch.-tekh. inform. Ser. neft. prom. no. 1:24-29 '63. (MIRA 18:8)

AUTHOR: Agayev, G., Deputy Head SOV-27-58-10-5/31

TITLE: We Improve the Training of Builders. (Uluchshayem podgotovku stroiteley.)

PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 10, pp 7-9 (USSR)

ABSTRACT: The author describes different schools which prepare qualified workers for the building industry of the republic: carpenters and joiners, masons and bricklayers, plumbers and other trades. Achievements of various schools are described. There are 7 photos.

ASSOCIATION: Azerbaydzhanskoye respublikanskoye upravleniye trudovykh rezervov (The Azerbaydzhan Republic Administration of Labor Reserves)

1. Personnel—Training 2. Universities—Performance

Card 1/1

EXCERPTA MEDICA Sec.12 Vol.12/4 Ophthalmology April 58

638. A CASE OF CORNU CUTANEUM OF THE UPPER LID (Russian text) -
Agaev G.G. - SBORN.TRUD.AZERBAIHAN.OFTAL.INST. 1956, 1 (136-
138)

A clinical case of a patient with a horn of the upper lid is reported. The cornu was removed surgically with a partial extirpation of the lid cartilage. Subsequently a small coloboma of the upper lid formed. The microscopical picture of the horn is described. (S)

AGAYEV, G.M.

Control of acute intestinal diseases in a district of the Tajik
S.S.R. Zdrav.Tadzh. 6 no.1:24-25 Ja-F '59. (MIRA 12:10)

1. Glavnyy vrach rayonnoy sanitarno-epidemiologicheskoy stantsii.
(TAJIKISTAN--INTESTINES--DISEASES)

GOLOVKO, E.N.; AGAYEV, G.M.; ZYKOV, M.F.

Recovery of cholera-like Vibrio from the viscera of a patient who had died of acute enteritis. Zdrav. 9 no.1:44-45 Ja-F '62. (MIRA 15:4)

1. Iz Tadzhikskoy protivochumnoy stantsii Ministerstva Zdravookhraneniya SSSR, Parkharskoy rayonnoy sanitarno-epidemiologicheskoy stantsii i Respublikanskoy sanitarno-epidemiologicheskoy stantsii.
(CHOLERA, ASIATIC) (VIBRIO)

AGAYEV, G.N., ed.

[Some aspects of functional analysis and its applications;
collection of articles by graduate students and degree
candidates] Nekotorye voprosy funktsional'nogo analiza i
ego primeneni; sbornik statei aspirantov i soiskatelei.
Baku, Izd-vo AN Azerbaidzh.SSR, 1965. 169 p.

(MIRA 18:11)

1. Akademiya nauk Azerbaydzhanskoy SSR, Baku. Institut ma-
tematiki i mekhaniki.

✓ Agayev, G. N. On the analytic character of the solutions of
 a system of partial differential equations. Akad. Nauk
 Azerbaidžan. SSR. Trudy Inst. Fiz. Mat. 3 (1948),
 73-84. (Russian. Azerbaijani summary)
 The author considers the system of nonlinear elliptic
differential equations

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$$\Delta^n u_i = f_i(x, y; u_1, u_2, \dots, u_{1,2}, \dots) \quad (i=1, 2, \dots, m),$$

where the right-hand sides depend upon the derivatives of the i th unknown function up to the order $2n_i - 1$. The author claims to have proved that all sufficiently regular solutions of this system are real analytic. The reviewer is unable to verify the proof since it seems that on page 81 the author asserts the analyticity of a uniform limit of real analytic functions. L. Bers (New York, N.Y.).

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Agayev, G. N. Solution of a nonlinear boundary problem for a system of polyharmonic equations. Akad. Nauk Azerbaidzhan. SSR. Trudy Inst. Fiz. Mat. 4-5 (1952), 1 - F/W 24-30. (Russian. Azerbaijani summary)

This paper deals with the homogeneous boundary-value problem for the system of equations

$$(1) \Delta^m u_i = f_i(x_1, x_2, \dots, x_n, u_1, u_2, \dots, u_N) \quad (i=1, 2, \dots, N)$$

defined in a domain D . The solution is to satisfy the boundary conditions

$$(2) u_i|_S = 0, \Delta u_i|_S = 0, \dots, \Delta^{m-1} u_i|_S = 0 \quad (i=1, 2, \dots, N)$$

on the boundary S . Using the Green's function of the Laplace equation this boundary-value problem is reduced to a nonlinear integral equation. The latter is considered in an appropriate Banach space and is solved by the principle of contracting mappings (or, which is the same, by successive approximations). In this way it is shown that the boundary-value problem has a solution if the domain has sufficiently small measure, the right-hand sides satisfy a Lipschitz condition with respect to the unknown functions and are sufficiently small.

L. Bers (New York, N.Y.)

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AGAYEV, G.N.

Meeting of mathematicians and physicists of Baku. Usp.mat.nauk 11
no.3:226 My-Je '56. (MLRA 9:9)
(Baku--Mathematical physics)

AGAYEV, G.N.

Cauchy's problem for one integrodifferential equation. Dokl.AN
Azerb.SSR 12 no.12:883-887 '56. (MLRA 10:8)

1. Institut fiziki i matematiki Akademii nauk Azerbaydzhanskoy SSR.
Predstavleno akademikom Akademii nauk Azerbaydzhanskoy SSR Z.I. Khalilovym
(Differential equations)

AGAYEV, G.N.; ZAMANOV, T.A.

On a boundary problem in Banach's space. Dokl. AN Azerb. SSR 13
no.10:1045-1048 '57. (MIRA 10:12)

1. Predstavleno akademikom AN AzerSSR Z.I. Khalilovym.
(Functional analysis)

AGAYEV, G.N.; NOVRUZOV, A.A.

Cauchy's problem for an ordinary differential equation in Banach space. Dokl. AN Azerb. SSR 13 no.11:1149-1152 '57. (MIRA 10:12)

1. Institut fiziki i matematiki AN AzerSSR. Predstavleno akademikom AN AzerSSR Z.I. Khalilovym.
(Differential equations)

AGAYEV, G.N.; MUSTAFAYEV, G.A.

Operator acting on a pair of holomorphic functions [in Azerbaijani
with summary in Russian]. Izv. AN Azerb. SSR. Ser.fiz.-tekh. i khim.
nauk no.6:3-14 '58. (MIRA 12:2)
(Functions, Analytic) (Operators (Mathematics))

AGAYEV, G.N.; YAGUBOV, S.Ya.

Continuation of linear functionals in linear spaces. Izv. AN Azerb.
SSR. Ser. Fiz.-mat. i tekhn. nauk. no.3:29-38 '59 (MIRA 13:3)
(Functional analysis)

88883

S/044/60/000/007/039/058
C111/C222

16.3400

AUTHOR: Agayev, G.N.

TITLE: On the theory of a singular equation in the Banach space

PERIODICAL: Referativnyy zhurnal. Matematika, no.7, 1960, 145.
Abstract no.7847. Tr.In-ta fiz.i matem. AN Azerb.SSR, 1959,
8, 23-37

TEXT: The content of the chapter IX of the book "Linear equations in linear normed spaces" of Z.I.Khalilov is generalized to the case of a linear bounded operator in the Banach space. Let Φ be the set of regular operators (i.e. $T \in \Phi$ if $I+T$ is an operator of the type of Riesz-Schauder), let F be a subset of Φ so that for every bounded linear operator A of T , $T_1 \in F$, it follows $AT \in F$, $TA \in F$, $T+T_1 \in F$, $TT_1 \in F$. The operator S is called singular if 1) $S^2 = I+T$, $T \in F$; 2) $SA-AS \in \Phi$ for every A . The operator $K = A+BS+T$ is called a general singular operator if $T \in F$, S is a singular operator, and A and B are arbitrary; if besides $A+B$ and $A-B$ are continuously reversible then K is called a normal singular operator; the operator \bar{K} adjoint with it is also normally singular. It is proved that the theorems of Noether are valid for

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On the theory of a singular...

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normal singular operators; the method is analogous to that of Z.I. Khalilov.

[Abstracter's note: The above text is a full translation of the original Soviet abstract.]

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Card 2/2

AGAYEV, G.N.

Scientific and pedagogical work of Academician Z. I. Khalilov.
Izv. AN Azerb.SSR. Ser. fiz.-mat. i tekhn. nauk 2:3-12 '61.

(Khalilov, Zaid Ismailovich, 1911-)
(MIRA 14:7)

AGAYEV, G.N.

Normal solvability of a boundary value problem in the class of
weak solutions. Izv. AN Azerb.SSR. Ser. fiz.-mat. i tekhn. nauk
2:41-49 '61. (MIRA 14:7)
(Boundary value problems) (Functional analysis)

S/O44/62/000/006/028/127
B158/B112162400
AUTHOR: Agayev, G. N.

TITLE: The normal solvability of a boundary problem in the class of weak solutions

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 72, abstract 6B299 (Izv. AN AzerbSSR. Ser. fiz.-matem. i tekhn. n., no. 2, 1961, 41 - 49)

TEXT: Let Ω be a bounded domain of the n -dimensional Euclidean space. We introduce the following notations: C_j - a set of vector functions continuous in Ω together with all partial derivatives up to the order j ; C_j^* - a set of linear functionals defined on C_j ; $(C_j^*)_\Phi$ - a set of functionals of the type of function contained in C_j^* ; $\langle p, \varphi \rangle$ - a value of the functional $p \in C_j^*$ applied to the element $\varphi \in C_j$. Let \bar{K} be a closed linear operator acting from C_1 into C_m with the domain of definition $D_{\bar{K}}$, consistent in C_1 .

Card 1/3

VA

The normal solvability ...

S/044/62/000/006/028/127
B158/B112

of strong solutions was established earlier by F. Brauder (RZhMat, 1957, 1449). Printing errors occur in the work. For example, on page 42, line 10 from the bottom, index Φ should be omitted; on page 43 in formula (6) $= \rho(x)$ should read $+ \rho(x)$. [Abstracter's note: Complete translation.]

JA

Card 3/3

AGAYEV, G.N.

Wiener type theorem for series in Walsh functions. Dokl.
AN SSSR 142 no.4:751-753 F '62. (MIRA 15:2)

1. Institut matematiki mekhaniki AN AzerbSSR. Predstavleno
akademikom V.I.Smirnovym.
(Functions) Continuous
(Series)

Theory of weak solutions of ...

S/020/62/145/002/001/018
B112/B180

$(\varphi, \psi) = \operatorname{Re}((-1)^m K \varphi \cdot \psi) + k_0(\varphi \cdot \psi)$, $\varphi, \psi \in C_c^{\infty, r}(D)$. All the theorems stated refer to the space $H(D)$. They concern the weak spectrum of the operator K , its structure and approximation. √B

ASSOCIATION: Institut matematiki i mekhaniki Akademii nauk AzerbSSR
(Institute of Mathematics and Mechanics of the Academy of
Sciences AzSSR)

PRESENTED: February 26, 1962, by S. L. Sobolev, Academician

SUBMITTED: February 21, 1962

Card 2/2

AGAYEV, G.N.; DZHAFARLI, G.M.

A class of multiplicative orthonormalized systems of functions.
Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.2:27-36 '63.

AGAYEV, G.N.; ALIKHANOVA, R.I.

Cauchy's problem for a functional equation. Trudy Inst. mat. i
mekh. AN Azerb. SSR 2:129-132 '63. (MIRA 16:10)

VILENKIN, N.Ya.; AGAYEV, G.N.; DZHAFARLI, G.M.

Theory of multiplicative orthonormalized systems of functions.
Dokl. AN Azerb. SSR 18 no.9:3-7 '62. (MIRA 17:1)

1. Institut matematiki i mekhaniki AN AzerbSSR. Predstavleno akademikom AN Azerbaydzhanskoy SSR Z.I. Khalilovym.

AGAYEV, G.N.

Theory of weak solutions to boundary value problems for elliptic equations. Dokl. AN Azerb. SSR 19 no.11:3-7 '63. (MIRA 17:3)

1. Institut matematiki i mekhaniki AN AzSSR. Predstavleno akademikom AN AzSSR Z.I. Khalilovym.

GUSEYNOV, A.I.; AGAYEV, G.N.

History of mathematical research in Azerbaijan. Izv. AN Azerb. SSR. Ser.
fiz.-tekh. i mat. nauk no. 3:3-17 '64. (MIRA 17:12)

L 07247-67 EWI(d) IJP(c)
ACC NR: AF6028915

SOURCE CODE: UR/0233/66/000/001/0042/0047

AUTHOR: Agayev, G. N.; Mustafayev, K. A.

ORG: none

TITLE: Concerning one analog of the Galerkin method for the solution of quasilinear operator equations 6

SOURCE: AN AzerbSSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk, no. 1, 1966, 42-47

TOPIC TAGS: approximation method, mathematic operator, Hilbert space

ABSTRACT: The quasilinear operator equations discussed in the article have the form

$$K_1 K_2(u)u = h \quad (1)$$

in a certain complex Hilbert space H . K_1 is linear and unbounded and K_2 is nonlinear. It is proved that if certain conditions on the operators K_1 and K_2 are satisfied, then Eq. (1) for any right-hand side h contained in H has at least one weak solution in H , which can be obtained as a weak limit of a certain sequence of Galerkin approximations. A weak solution of (1) is defined as an element $u \in H$ for which the relation

$$[K_2(u)u, K_1^*v] = [h, v]$$

is satisfied for any $v \in D(K_1^*)$. If u is defined as the weak limit of approximate solutions

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L 07247-67

ACC NR: AP6028915

0

$$u_K = \sum_{i=1}^K c_{iK} \varphi_i,$$

where the c_{iK} are determined from the system of nonlinear algebraic equations

$$[K_2(u_K)u_K, \varphi_i] = \left[h, \frac{\varphi_i}{\lambda_i} \right],$$

$$i = 1, 2, \dots, K$$

and if $K_2(u_0)u_0 \in D(K_1)$ then u_0 is a strong solution. Orig. art. has: 11 formulas.

SUB CODE: 12/ SUBM DATE: 00/ ORIG REF: 004

Card 2/2 *pk*

AGAYEV, I. I.

Injecting fracturing fluids and sands of varying viscosities by
lots. Azerb.neft.khoz. 35 no.7:26 J1 '56. (MLRA 9:12)
(Petroleum engineering)

AUTHOR: Agayev, I.I.

93-57-7-6/22

TITLE: Effect of Clay Crust Thickness on Fracturing Pressure
(Vliyaniye tolshchiny glinistoy korki na velichinu
davleniya razryva)

PERIODICAL: Neftyanoye khozyaystvo, 1957, Nr 7, pp 22-25 (USSR)

ABSTRACT: Soviet oil workers attribute fracture failures to the low pressure of TsA-300 pumps used in fracturing work. The available pumps cannot develop pressures to 500 atm., therefore, AN-500 pumps are being currently tested under industrial conditions so as to develop pumps with suitable pressure for fracturing. The author attributes fracture failures not only to inadequate pump pressure but also to clay crusting on the well walls formed by the drilling muds. His statement is based on experimental data obtained in June 1955. (Table). On the basis of these data the author concludes that 1) the approximate excess pressure and the fracture results can be determined prior to fracturing if the hydrostatic pressure of the

Card 1/2

Effect of Clay Crust Thickness (Cont.)

93-57-7-6/22

fluid column and the quality of the drilling mud with which the well was opened are known, and 2) the fracturing pressure, if the clay crust effect is not taken into account, equals $1 \frac{1}{2}$ times the hydrostatic pressure of the fluid column or slightly more as stated in the works of Academician S.A. Khristianovich, G.K. Maksimovich, and A.Z. Mushin. The author suggests that oil men should be informed as to the effect drilling mud has on fractures and he states that its use in opening producing formations should be forbidden. Furthermore, he suggests that scientific research organizations should develop methods for removing clay crust from wells which have already been drilled. There is one table.

AVAILABLE: Library of Congress

Card 2/2 1. Pumps-Development

AGAYEV, I.I.

Cementation of wells during the continuous rotation of, the
production string. Gaz. prom. 4 no.12:12-13 D '59.
(MIRA 13:3)

(Gas wells)

L-28739-65

ACCESSION NR: AP5004346

6

... of the ... Department ...
... of the ...
... The ...

... and A. G. Talybov for help with the work. ...
... Institute of Metallurgy ...
... and 5 formulas.

ABSTRACT: Institut khimii Ak. ... Institute of Chemistry AN AzerbSSR;
... AN SSSR

Card 2/2

Agayev, Kh.

AGAYEV, Kh.

N.N. Murav'ev's expedition to Turkmenia and its importance for strengthening Russo-Turkmen relations. Izv. AN Turk. SSR no.6: 66-71 '57. (MIRA 11:1)

1. Institut istorii, arkhologii i etnografii AN Turkmenskoy SSSR.
(Russia--Relations (General) with Turkmenistan)
(Turkmenistan--Relations (General) with Russia)
(Murav'ev, Nikolai Nikolaevich, 1794-1866)

PLYATSKOVSKIY, O.A., kand.tekhn.nauk; LIVSHITS, A.S., kand.tekhn.nauk;
Prinimali uchastiye: AGAYEV, Kh.A.; EL'BERT, S.M.; BRAYLOVSKIY, V.P.;
SYRKINA, A.F.; ORLOV, S.T.

Selection of wear resistant steels for mandrels of continuous and
three-roll pipe mills. Biul.nauch.-tekhn.inform.VNITI no.4/5:51-61
'58. (MIRA 15:1)

(Pipe mills)

AGAYEV, M.

AID P - 824

Subject : USSR/Mining

Card 1/1 Pub. 78 - 9/26

Author : Agayev, M.

Title : Experimental employment of secondary method of oil recovery in the Buzovnyneft Trust

Periodical : Neft. khoz., v. 32, #9, 38-41, S 1954

Abstract : The author describes the experimental pumping of water and gas into oil wells within and outside the boundary of the oil deposits in order to increase artificial pressure in the oil-containing strata and raise the output of the oil well.

Institution: None

Submitted : No date

AGAYEV, M.

Schools of Azerbaijan in the new upsurge. Prof.-tekh. obr.
21 no.5:3-4 My 1966 (MIRA 17:6)

1. Predsedatel' Gosudarstvennogo komiteta Soveta Ministrov
AzerbSSR po professional'no-tehnicheskomu obrazovaniyu.

AGAYEV, M.G.

AGAYEV, M.G.

Balancing piston compressors [in Azerbaijani with summary in Russian]. Azerb.neft.khoz. 36 no.8:40-42 Ag '57. (MIRA 10:11)
(Compressors)

L 34302-66 EWT(m)/EWP(w)

SOURCE CODE: GE/2503/65/000/002/0078/0084
(UK) 31
B+1

ACC NR: AT6014781

AUTHOR: Ageyev, M. D.

ORG: Far Eastern Polytechnic Institute im. Kuybyshav, Vladivostok (Dal'nevostochnyy politekhnicheskiy institut)

TITLE: Feature of nonlinear damping

SOURCE: Akademie der Wissenschaften, Berlin. Klasse fur Mathematik, Physik und Technik. Abhandlungen., no. 2, 1965. Berlin, 1966. III Konferenz uber Nichtlineare Schwingungen, Berlin, 1964, Teil II: Technische Schwingungsprobleme und Fragen der Regelung und Steuerung (Third Conference on Non-linear Vibrations. pt. 2: Technical vibration problems and questions of regulation and control), 78-84

TOPIC TAGS: nonlinear damping, damping link, Coulomb friction, damping system, perturbation, vibration damping, acoustic damping

ABSTRACT: The operation of a damping system is considered, which is equipped with a damping link with an asymmetric piecewise linear characteristic and with a damping link with COULOMB friction. It is assumed that external perturbation is a stationary random process. Then it is shown that the nonlinear damping link can be replaced equivalently by a linear damping link and an exciting force. The force of the equivalent exciting link turns out to be statistically independent of those vibrations of the system which are generated by external influences and, therefore, leads inevitably to amplifying the intensity of the resulting oscillations. From this it

Card 1/2

L 34802-66

ACC NR: AT6014781

follows that a linear damping link warrants the best properties of a damping system
and that the intentional introduction of a nonlinearity is not expedient. Orig. [KS]
art. has: 31 formulas. [Author's abstract.]

SUB CODE: 20/ SUBM DATE: none/ OTH REF: 001

Card 2/2 *gp*

AGAYEV, K.G., Cand Tech Sci---(disc) " Study of vibration of ^{the} ~~petro-~~
~~leum industry~~ ^{oil} gas-motor compressors. ~~of the petroleum industry.~~
Baku, 1958. 17 pp (Min of Higher Education USSR. Azerbaydshan Or-
der of Labor Red Banner Industrial Inst im V. Azizbekov), 100 co-
pies (KL, 22-58, 107)

AGAYEV, M.G., Cand Bio Sci-- (disc) "Morphological heterogeneity within
varieties^e of cereals." Len, 1958. 17 pp (Len Order of Lenin State U in
A.A.Zhdanov), 150 copies (KL, 46-58, 13)

~~AGAYEV, N.G.~~

Heterogeneity within varieties of spring wheat. Agrobiologia no.2:
72-75 Mr-Apr '58. (MIRA 11:4)

1. Dagestanskiy pedagogicheskiy institut imeni S.Stal'skogo,
g. Makhachkala. (Wheat--Varieties)

AUTHOR: Agayev, M. G.

20-118-6-42/43

TITLE: Change of the Reaction of Spring-Wheat-Species Under the Influence of the Conditions of Development of the Plants
(Izmeneniye reaktsii sortov yarovoy pshenitsy pod vliyaniyem usloviy razvitiya rasteniy)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 6, pp. 1197-1199 (USSR).

ABSTRACT: The cultivation areals of the cultivated plants and their species are constantly changing. Some species of plants adapt themselves to the new environmental conditions and change their morpho-biological characteristic features in this connection. The knowledge of the rules governing the changes of the biology of development is necessary for the directed change of individual stages of development with the cultivation of new species. Taking into account these considerations, the author investigated the problem referred to in the title, since data from literature are scarcely available on this subject (references 1,5,6,10). The species Diamond, Lutescens 062, Mil'trum 0321 (Triticum vulgare)

Card 1/4

Change of the Reaction of Spring-Wheat-Species Under the
Influence of the Conditions of Development of the Plants.

20-118-6-12/43

and branched Kakhetinskaya (*Triticum turgidum*) served as experi-
mental objects. The tests were carried out in the region of Le-
ningrad (1956) and in the Dagestanskaya SSR (1957). Since the
results obtained in both places were equal, only those of one
year are given. The change of the characteristic features of
stages of the spring-wheat-species can be produced only to a
small extent by selection. It is mainly explained by the new
formation of ecological factors unusual for this species. In
view of investigating the change of the requirements of the
plants with respect to the stage of yavorisation, seeds from
Kakhetinskaya were taken which previously were sown throughout
several years near Leningrad, in spring, - but in Tashkent before
winter. These seeds were sowed in flower-pots on 2 dates. One
part of the pots was put into a hot-house, the other part in the
open air. In the second period the seeds were yavorized throughout
20 days. The results obtained both in the hot-house and in the
open air were equal (table 1). It is seen from this table that
the plants from the seeds sown in Tashkent before winter, were
considerably late in their development behind those from the
spring-production near Leningrad. After yavorization this diffe-

Card 2/4

Change of the Reaction of Spring-Wheat-Species Under the
Influence of the Conditions of Development of the Plants

20-118 -6-42/43

rence between the test variants was almost completely equalized. This proves a variation (change) of the reaction of the Kakhe-tinskaya-wheat on the yavorization, due to a repeated sowing before winter. The same was confirmed with the species Mil'trum 0321 in Dagestan (table 2). The photoperiodical reaction of the daughter-generation can also change under the influence of extraordinary conditions of cultivation of the spring-wheat plants. The tests carried out by the authors showed that even in the course of one single generation the change of distinctness of the photoperiodical reaction can be produced both in the direction of an increase, and in a decreasing sense. A retardation or acceleration of the formation of the ears of the offspring of the plants which were submitted to the influence of unusual conditions of cultivation, compared with the control, is a consequence of this. This change, however, becomes only clearly apparent under conditions of a non-optimal length of day. As may be seen from table 3, there were no differences in development between the offsprings of the plants from seeds sown at various times in Dagestan and those at a natural length of day in Leningrad. The offspring of a December-sowing, however,

Card 3/4

Change of the Reaction of Spring-Wheat-Species Under
the Influence of the Conditions of Development of the Plants

20-118-6-42/43

commenced to form ears with a substantial delay (compared with control) when they were sowed on a 12 hours' day. The offsprings from the October-sowing formed no ears at all. The distinctness of photoperiodical reaction is decreased with the cultivation of spring-wheat plants under conditions of the short day, so that the plants ripen earlier than the control (table 4). Thus the characteristic features of the spring-wheat-species are changed under the influence of new conditions of development. These changes, however, become apparent only under certain environmental conditions until a stable hereditary fixation. There are 4 tables, and 10 references;

ASSOCIATION: Dagestan State University imeni S. Stal'skiy
(Dagestanskiy gosudarstvennyy universitet im. S. Stal'skogo)

PRESENTED: October 9, 1957, by A. L. Kursanov, Academician.

SUBMITTED: September 9, 1957.

RECEIVED: [illegible]

Card 4/4

AGAYEV, M.G.

Variability of the photoperiodic reaction in plants. Dokl.AN
SSSR 145 no.5:1166-1168 '62. (MIRA 15:8)

1. Dagestanskiy gosudarstvennyy universitet im. V.I.Lenina.
Predstavleno akademikom A.L.Kursanovym.
(Photoperiodism)

AGAYEV, M.G.

Studying neutral selection in spring wheat. Bot. zhur. 50 no.6:788-796
Je '65. (MIRA 18:7)

1. Leningradskiy gosudarstvennyy universitet.

MUSTAFAYEV, A.D.; AGAYEV, M.M.

Polyethylene production-meter floats. Izv.vys.ucheb.zav.; neft'
i gaz 6 no.11:111-112 '63. (MIRA 17:9)

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

AGAYEV, N.A.; GOLUBEV, I.F.

Viscosity of n-pentane in the liquid and gaseous state at high pressures and at various temperatures. Gaz.prom. no.5:45-50
'63. (MIRA 16:6)

(Pentane) (Viscosity)

AGAYEV, N.A.; GOLUBEV, I.F.

Generalization of the data of the viscosity of saturated hydrocarbons at various temperatures and pressures. Khim. i tekhn. topl. i masel 8 no.6:28-30 Je '63. (MIRA 16:6)

(Hydrocarbons) (Viscosity)

AGAYEV, N.A.; GOLUBEV, I.F.

Viscosity of n-hexane in the liquid and gaseous state at high pressures and various temperatures. Dokl. AN SSSR 151 no.3:597-600 (MIRA 16:9)
Jl '63.

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza i Energeticheskoy institut AN AzerbSSR. Predstavleno akademikom V.A.Kirillinym.

(Hexane) (Viscosity)

L 17512-63

EPF(c)/EWT(m)/EDS Pr-4 WW/JW

ACCESSION NR: AP3004427

S/0020/63/151/004/0875/0878

AUTHORS: Golubev, I. F.; Agayev, N. A.

60
58

TITLE: Generalization of data concerning the viscosity of saturated hydrocarbons at various temperatures and pressures.

SOURCE: AN SSSR. Doklady*, v. 151, no. 4, 1963, 875-878

TOPIC TAGS: viscosity of hydrocarbon, hydrocarbon, saturated hydrocarbon, methane, ethane, propane, butane, pentane, hexane, heptane, octane.

ABSTRACT: The viscosities of $C_1 - C_8$ hydrocarbons at various temperatures and pressures are plotted as functions of density and molecular weight. The curves obtained are smooth but without a regularity that would permit obtaining values for C_8 hydrocarbons. A generalization

Card 1/2

L 17542-63

ACCESSION NR: AP3004427

2

$$\eta_{p, T} - \eta_T$$

$$\eta_{(p, T)} - \eta_{T_0}$$

based on corresponding state theory was plotted

as a function of $\frac{p}{p_0}$. This gave a smooth curve fitting all these

hydrocarbons and was suitable for interpolation and extrapolation calculations for values $0 < p/p_0 \leq 3$. Orig. art. has: 4 figures and 2 tables and 1 formula

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza (State scientific-research and planning institute for the nitrogen industry and product of organic synthesis); Energeticheskiy Institut Akademii nauk AzerbSSR (Power Engineering Institute, Academy of Sciences, AzerbSSR)

SUBMITTED: 19Mar63
SUB CODE: PH, CH

DATE ACQ: 21Aug63
NO REF SOV: 005

ENCL: 00
OTHER: 014

Card 2/2

AGAYEV, N.A.; GOLUBEV, I.F.

Viscosity of liquid and gaseous n-heptane and n-octane at
high pressures and different temperatures. Gaz. prom. 8 no.7:
50-53 '63. (MIRA 17:8)

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

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

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

AGAYEV, N.A.

Effectiveness of microelements and polymicrofertilizers of corn
under vegetation conditions. Dokl. AN Azerb. SSR 20 no.8:
89-90 '64. (MIRA 17:12)

1. Institut pochvovedeniya i agrokhimii AN AzerSSR. Predstavleno
akademikom AN AzerSSR G.A. Aliyevym.

AGAYEV, N.A.

Effectiveness of microelements and semimicrofertilizers on corn
in the meadow-forest soils of Zakataly District, Izv. AN Azerb.
SSR, Ser. biol, nauk no.3:95-102 '65.

(MIRA 18:10)