Bakirov, T. Kh.

AUTHOR: Bakirov, T.Kh., Technician 91-58-5-3/35

TITLE: Steam Blast Cleaning of Boiler Flues (Obduvka poverkhnostey nagreva kotla)

PERIODICAL: Energetik, 1958, Nr 5, pp 6-8 (USSR)

ABSTRACT: In a Soviet thermal electric station working with boilers type TP-35 with a capacity of 35-ton/hour, 40 atm, and 450° C, the blast cleaning of boiler flues was carried out by air with a pressure of 4 - 5 atm. Slag removal was necessary every 30 - 35 days. At the end of that period, the productivity of the boiler had fallen to 25-ton/hr, due to slag formation. For the blast cleaning of the boiler flues, special self-rotating apparatuses were developed and 5 were installed (Figure 1 in working position). Steam of 40 atm, presses on the steam collector (11) the front part of the blasting pipe and pushes it forward. The steam flowing out of two nozzles (Figure 2) causes the blasting pipe to rotate at 50 - 60 rpm. The effective radius of blasting is 2 - 2.5 m. The range of the movement of the apparatus is approximately 250 mm. The blasting lasts approximately 1 min. For the blasting of the pipes of the steam superheater a multi-nozzle

Card 1/2

blasting tube (Figure 3) has been developed. Steam is led into the steam collector (1). From there it reaches the space between the blasting pipe (4) and the cooling jacket (5) and penetrates through the opening (9) the steam space of the "deaerators". The apparatuses improved the work of the boiler considerably. The blasting was carried out once a shift for a period of 10 - 15 min. One of the boilers worked 3 months without interruption. There are 3 figures.

AVAILABLE: Library of Congress

Card 2/2 1. Boilers - Maintenance

BAKIROV, T. Kh.

AUTHOR: Bakirov, T.Kh., Technician 91-58-7-9/27

TITLE: Exchange of Experience (Obmen opytom). The Pressure Regulator of 60/30 Atm (Reduktsionnyy klapan 60/30 at).

PERIODICAL: Energetik, 1958, Nr 7, p 23 (USSR).

ABSTRACT: Feed pumps of 180 ton/hour discharge at a pressure of 60 atm were utilized at the author's thermal electric power plant, for feeding "TP-35" type boilers of 40 atm pressure. N.N. Lebedev, Engineer, and I.P. Zinov'yev, Foreman, suggested inserting pressure regulators between the feed pipe lines of low and high pressure boilers. These pressure regulators were manufactured in the plant's workshops on the basis of the "D_y - 80" valve. They are described. There is 1 diagram.

1. Feed pumps--Control 2. Boilers--Equipment

Card 1/1

BAKIROV, Urkhan Khakimzhanovich; KRUTOVSKIKH, Nikolay Dmitriyevich; SIDOROV, Pavel Sidorovich; BOGOMOLOV, V.I., inzhener, retsenzent; BUBOK, K.G., redaktor; YEZDOKOVA, M.L., redaktor; EVENSON, I.M. tekhnicheskiy redaktor

[Ventilating overheated sections in copper pyrite mines] Opyt provetrivaniia razogretykh uchastkov mednokolchedannykh shakht. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii , 1955. 46 p. (MLRA 8:10)
(Mine ventilation) (Chalcopyrites)

BAKIROV,U.Kh., gornyy inzhener; SIDOROV,P.S., gornyy inzhener

The ventilation of mining rooms. Gor.zhur. no.5:40-44 My '55. (MLRA 8:7)
(Mine ventilation)

BAKIROV, U.Kh., gornyy inzhener

The ventilation of Sudbury mine. (From: Canadian Mining Journal, no.9 1954). Gor.zhur. no.7:30-31 Jl '55. (MLRA 8:8)
(Sudbury, Canada--Mine ventilation)

BAKIROV, U.Kh., Cand Tech Sci -- (diss) "Studies in the ventilation of copper pyrite shafts with heated ~~warmed~~ air ~~streams~~." Sverdlovsk, 1957, 16 pp. (Acad Sci USSR. Ural Affiliate) 100 copies, bibliography ~~from~~ on pp 15-16 (17 titles) (KL, 32-58, 108)

BAKIROV, U.Kh.

Calculating the temperature of ventilation currents in Ural Mountain copper mines. Trudy Unipromedi no.2:78-95 '57. (MIRA 11:11)
(Ural Mountains--Copper mines and mining)
(Mine ventilation)

BAKIROV, U.Kh., gornyy inzhener; KRUTOVSKIKH N.D., gornyy inzhener; YERMOLAYEV, A.A., gornyy inzhener.

Counterrotor fans. Gor. zhur. no.5:70-71 My '57. (MLRA 10:6)

1. Unipromed'.
(Great Britain--Mine ventilation)
(Fans, Electric)

BUKHMAN, Yakov Zakharovich,; BAKIROV, U. Kh., red.; TSYMBALIST, N.N., red. izd-va,; ZEF, Ye.M., tekhn. red.

[Mine ventilation; textbook for the practical training of workers] Rudnichnaia ventiliatsiia; uchebnik dlia proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1958. 132 p. (MIRA 11:12)

(Mine ventilation)

AUTHORS: Bakirov, U.Kh., and Bogayevskiy, O.A. 127-58-1-16/20

TITLE: On a Re-Circulation System of Mine Ventilation (O retsirkulyatsionnoy skheme provetrivaniya shakht)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 1, pp 56-61 (USSR)

ABSTRACT: The authors cite some examples which show that the air-conditioning of a mine by means of cooling and heating devices calls for considerable expenditures. They suggest another possibility to ensure an almost permanent comfortable atmosphere in the mines without these devices: the switching over of a direct ventilation current to a reverse one, which he names the re-circulation scheme. The authors compare the amount of impurities containing in the outgoing air, fresh air, and the air leaving the stoping works, with the admissible impurities, taking as an example the pit Kapital'naya Nr 2 of the Degtyarsk copper mine. They point out that the purification of the outgoing air can be improved by placing a water "curtain" in its path; dust will be settled and gas admixtures will be dissolved. In this way, the outgoing air can be re-used. The authors then proceed to discuss the theoretical side of the problem and derive formulas for determining the coefficient of re-

Card 1/2

On a Re-Circulation System of Mine Ventilation 127-58-1-16/28

circulation (defined as the ratio of the amount of repeatedly-used air to the total amount of incoming air and the temperature of the mixture of re-used and fresh air. The use of these formulas is illustrated by some numerical examples. The re-circulation scheme should be devised in such a manner that it would be possible to vary the re-circulation coefficient in the range from 0 to 1. The air for re-circulation can be returned through a heat-insulated pipeline of large diameter with built-in water spray and general ventilator.
The article contains 1 figure, 2 tables and 2 English references.

ASSOCIATION: Unipromed'.

AVAILABLE: Library of Congress

Card 2/2 1. Mines-Ventilation 2. Ventilation-Equipment 3. Mining engineering-USSR

BAKIROV, U.KH.; BOGAYEVSKIY, O.A.

Example of calculating the ventilation of blind workings by the temperature factor. Biul. TSIIN tsvet. met. no. 5:13-14 '58. (MIRA 11:7)

(Mine ventilation)

SHURYGIN, A.I.; BAKIROV, U. KH.

Improving the diagrams for developing chamber pillars at the Degtyarka mine. Biul. TSIIN tsvet. met. no. 7:2-4 '58. (MIRA 11:7)
(Mining Engineering)
(Degtyarka--Copper mines and mining)

BAKIROV, U.Kh., referent, gornyy inzh.

"Isotope" lamps for mine haulage (from "Mining Equipment," December 1957). Gor. shur. no.7:76 Jl '58. (MIRA 11:9)
(United States--Mine haulage)

SEREDA, Boris Konstantinovich; SAZHIN, Dmitriy Ivanovich; BUBOK, Konstantin Grigor'yevich; BENUNI, A.Kh., prof., retsenzent; DEMIKHOV, I.M., inzh., retsenzent; BAKIROV, U.Kh., kand. tekhn.nauk, red.; KEL'NIK, V.P., red.izd-va; ZEF, Ye.M., tekhn.red.

[Prevention and extinction by silting of endogenous fires originating during the mining of sulfide ores] Preduprezhdenie i tushenie endogennykh pozharov zailivaniem pri razrabotke mestorozhdenii sul'fidnykh rud. Sverdlovsk, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1959. 307 p. (MIRA 12:8)
(Mine fires)

BERKOVICH, Malka Tuv'yevna; BUKHMAN, Yakov Zakharovich; TAUBMAN, A.B., prof., doktor khim.nauk, retsenzent; GERVAS'YEV, A.M., kand. tekhn.nauk, retsenzent; D'YAKOV, V.V., gornyy inzh., retsenzent; BAKIROV, U.Kh., kand.tekhn.nauk, red.; TSYMBALIST, N.N., red. izd-va; TURKINA, Ye.D., tekhn.red.

[Industrial dust] Promyshlennaia pyl'. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 240 p. (MIRA 13:8)

1. Institut fizicheskoy khimii AN SSSR (for Taubman). 2. Sverdlovskiy institut okhrany truda (for D'yakov). 3. Ural'skiy filial AN SSSR (for Bakirov).
(Dust)

BUKHMAN, Yakov Zakharovich; BAKIROV, Urkhan Khakimzhanovich; LUGOVSKIY, S.I., doktor tekhn. nauk, prof., retsenzent; KLEBANOV, F.S., otv. red.; GRISHAYENKO, M.I., red. izd-va; GALANOVA, V.V., tekhn. red.

[Local ventilation in metal mines] Mestnoe provetrivanie na metallicheskikh rudnikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 198 p. (MIRA 15:3)
(Mine ventilation)

BAKIROV, U.Kh., kand.tekhn.nauk; ILIVITSKIY, A.A., kand.tekhn.nauk; ALEKSEYEVSKIY, I.G., gornyy inzh.; NIKOLIN, V.I., gornyy inzh.

"Baring and working ore deposits at great depths" by G.M.Malakhov, A.P.Chernous. Reviewed by U.Kh.Bakirov. Gor. zhur. no.4:78-80 Ap '61. (MIRA 14:4)

1. Gorno-geologicheskoy institut Ural'skogo filiala AN SSSR. (Mining engineering) (Malakhov, G.M.) (Chernous, A.P.)

LUGOVSKIY, Sergey Ivanovich; DUGANOV, G.V.; BARATOV, E.I.; BAKIROV, U.Kh.; CHERNOUS, A.P.; KLEBANOV, F.S., otv. red.; SMIRENSKIY, M.M., red.izd-va; SHKLYAR, S.Ya., tekhn. red.

[Ventilating deep mines]Provetrivanie glubokikh rudnikov. Moskva, Gosgortekhizdat, 1962. 322 p. (MIRA 15:11)
(Mine ventilation)

LUGOVSKIY, Sergey Ivanovich; DYMCHUK, Gennadiy Konstantinovich; DROBOT, Boris Yakovlevich; AVRAMCHUK, Rostislav Nikiforovich. Prinimali uchastiye: MAR'YENKOV, V.V.; BAKIROV, U.Kh.; NIKITIN, V.S., kand. tekhn. nauk, retsenzent; STEBAKOV, B.A., gorn. inzh., otv. red.

[Ventilation of mines and strip mines] Ventiliatsiia shakht i kar'erov. [By] S.I.Lugovskii i dr. Moskva, Izd-vo "Nedra," 1964. 306 p. (MIRA 17:5)

BAKIROVA, S. U.

BAKIROVA, S. U. -- "Experimental Investigation of the Effect of Mineral Water from the Iron-Containing Spring at the Medvezh'ye Ozero Spa, Kurgan Oblast, on the Activity of the Gall Bladder and Bile Secretion, and Clinical Observations of the Results of Using This Water to Treat Patients with Chronic Cholecystitis." Kazan, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

So: Knizhnaya letopis', No 8, 1956, pp 97-103

BAKIROVA, S.U., assistent

Experience with the use of hypothiazide in hypertension. Kaz. med. zhur. no.6:31-32 N-D '63. (MIRA 17:10)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - dotsent G.Z. Ishmukhametova) Kazanskogo meditsinskogo instituta.

VASIL'YEV, G.A., kand. ekon. nauk; BAKIS, K.Ya., inzh.

Increasing the economic efficiency of automatic lines.
Trakt. i sel'khozmash. no.10:37-38 O '64. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya (for Vasil'yev).

DAKIS, M.Ya.

Construction of industrial projects by the Smolensk Industrial Construction Trust according to a net-planning diagram. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.4:58-59 Ap '65. (MIRA 18:6)

BAKIT'KO, M.V.

Precast wall panels made of dry gypsum plaster. Rats. i izobr. predl. v stroi. no.136:8-12 '56. (MLRA 9:9)
(Walls)

KANLYBAYEVA, Zh.M.; BAKITOV, K.B.

Using the method of coaxial punches to study the physicomechanical properties of Karaganda Basin rocks. Trudy Inst.gor.dela AN Kazakh.SSR 9:58-73 '62. (MIRA 15:8)
(Karaganda Basin—Rocks—Testing)

KANLYBAYEVA, Zh.M.; BAKITOV, K.B.

Physical and mechanical properties of Karaganda Basin rocks. Trudy Inst. gor. dela AN Kazakh. SSR 19:119-131 '65.
(MIRA 18:12)

MERKULOV, I.I., prof.; BAKITSKAYA, O.N., nauchnyy sotrudnik

Cerebrospinal fluid in diseases of the optic nerve. Oft. zhur. 16 no.7:387-392 '61. (MIRA 14:12)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni prof. Girshmana (dir. - zasluzhennyy deyatel' nauki, chlen-korrespondent AMN prof. I.I.Merkulov).
(CEREBROSPINAL FLUID) (OPTIC NERVE--DISEASES)

GRINER, Aleksandr Semenovich; BAKIYA, O.B., dotsent, kand.tekhn.nauk, retsenzent; NAUMENKO, K.D., prof., doktor ekonom.nauk, retsenzent; KAMINSKIY, I.N., inzh., otv.red.; SUROVA, V.A., red.izd-va; SABITOV, A., tekhn.red.

[Technical standardization in mining] Tekhnicheskoe normirovanie gornykh rabot. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 287 p. (MIRA 14:4)
(Mining engineering)

L 04721-67 EWT(d)/EWT(m)/EWP(e)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(l) IJP(c) JD/HM

ACC NR: AP6027442 SOURCE CODE: UR/0135/66/000/008/0014/0016

AUTHOR: Kuzmak, Ye. M. (Doctor of technical sciences); Shcheglov, B. A. (Candidate of technical sciences); Bekiyev, A. V. (Engineer)

ORG: none

TITLE: Strength of welded joints in heat hardened steels under conditions of biaxial stress

SOURCE: Svarochnoye proizvodstvo, no. 8, 1966, 14-16

TOPIC TAGS: arc welding, stress analysis, steel, sheet metal

ABSTRACT: The test method is illustrated by Fig. 1.

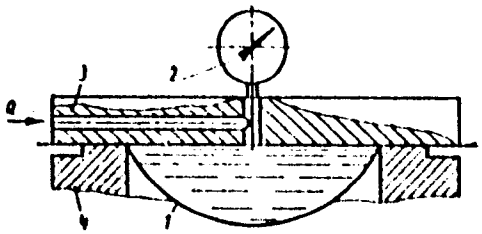

Fig. 1. Scheme for the hydrostatic testing of sheet metals: 1- sample; 2- manometer; 3- press; 4- matrix

Card 1/3 UDC: 621.791.052:539.4:669.15-194

The state of biaxial stress in the sample, pressed around the periphery, is created by its hydrostatic buckling into the round open matrix. The strength of welded joints under conditions of biaxial stress was determined from the relative buckling pressure, p:

$$p = \frac{Q_{max} D}{2t_0}, \qquad (1)$$

where Q_{max} is the greatest buckling pressure; D is the diameter of the opening in the matrix (400 mm); t_0 is the original thickness of the sample. Tests were carried out on low alloy steels 14GN, 16GN, and 16GS(3N), which are widely used for welded tubes working under the action of internal pressure. The nominal thickness of steels 14GN and 16GN was 8 mm, and that of steel 16GS(3N) was 10 mm. Experimental results are shown in detail in tabular and graphic form. On the basis of the results the following conclusions were drawn: 1) under biaxial stress, the failure of zones of welded joints in heat hardened steels had more effect on the strength than under monoaxial stress; 2) the critical values of the intensity of the stresses on all zones of the welded joints in hydrostatic tests were greater than with monoaxial stress; 3) the appearance of a state of volumetric stress with deformation of a weakened zone under conditions of monoaxial stress increases the strength of this zone, while under conditions of biaxial

ACC NR: AP6027442

stress it leads to a decrease in its strength; 4) the hydrostatic method of testing is more sensitive to inhomogeneity in the mechanical properties of welded joints than with the method of monoaxial stress. It may therefore be used successfully for evaluation of the weldability of metals. Orig. art. has: 2 formulas, 5 figures, and 1 table.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 001

Card 3/3

BAKIYEV, M.Kh.

Resilience constants and mechanical characteristics of rocks of the Kal'makyr open pit mine of the Altyntopkan Combine. Izv. AN Uz. SSR. Ser. tekh. nauk 8 no.1:75-80 '64. (MIRA 17:6)

1. Sredneaziatskiy filial Gosudarstvennogo nauchno-issledovatel'skogo instituta tsvetnykh metallov.

BAKIYEV, M.Kh.

Results of measuring the parameters of stress waves in group explosions. Izv. AN Uz. SSR. Ser. tekh. nauk 7 no.6:80-86 '63. (MIRA 17:6)

1. Gornyy otdel AN UzSSR.

[illegible], A.[illegible], prof.; BAKIYEV, M.[illegible], [illegible]

Rock breaking in the bench during the blasting of [illegible] charges. Izv.vys.ucheb.zav.;gor.zhur. 7 no.9:78-83 '64.

(MIRA 18:1)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni gornyy institut imeni G.V.Plekhanova. Rekomendovana kafedroy burovzryvnykh rabot.

ARIPOV, E.A.; KHAMRAYEV, S.S.; BAKIYEVA, M.B.; ARTYKBAYEVA, Kh.Yu.; AKHMEDOV, K.S.

Effect of the artificial soil aggregation agent K-4 on gray desert soils having different degrees of dispersity. Uzb. khim. zhur. 7 no.4:35-40 '63. (MIRA 16:10)

1. Institut khimii AN UzSSR.

DESYATCHIKOV, B.A., kand. ekon. nauk; GABZAILOV, G.F., kand. ekon. nauk; KADYROV, Z., nauchn. sotr.; ABDUSHUKUROV, T.; KALYAKIN, P.V., kand. ekon. nauk; FOKIN, A.I., kand. ekon. nauk; BAKIYEVA, R.A., nauchn. sotr.; IBRAGIMOV, M., nauchn. sotr.; KARDASI, A.A., kand. ekon.nauk; KADANER, E.A.; NIKONOV, F.D., nauchn. sotr.; ANTONETS, G.M.; ARTYKOV, A.A., kand. ekon. nauk; TRUSOV, A.N.; OVCHAROVA, M.A., nauchn. sotr.; TSOY,P., nauchn. sotr.; KALYAKIN, P.V., kand. ekon. nauk, otv. red.; DZHAMALOV, O.B., doktor ekon. nauk, red.; ARTYKOV, A., kand. ekon. nauk, red.; DESYATCHIKOV, B.A., kand. ekon. nauk, red.; SHARIFKHODZHAYEV, M., kand. ekon. nauk, red.; DESYATNIK, F.M., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Economics of the machinery manufacture of Uzbekistan] Ekonomika mashinostroeniia Uzbekistana. Tashkent, Izd-vo AN Uzb.SSR, 1963. 289 p. (MIRA 16:12)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut ekonomiki.
(Uzbekistan--Machinery industry)

BAKIYEVA, R. G.

Bakiyeva, R. G. "The effect of certain labor anesthetics on the internal organs of the mother and child, determined experimentally," Trudy Kazansk. gos. in-ta usovershenstvovaniya vrachey im. Lenina, Vol. XI, 1949, (On cover: 1948), p. 232-48.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

[illegible], N.M., kandidat meditsinskikh nauk., SPIROV, V.E., dotsent, obshchiy zaveduyushchiy.

Treatment of uterine hemorrhage with nicotinic acid. Akush.i gin. no.2: 48-50 Mr-Ap '53. (MLRA 6:5)

1. Kafedra akusherstva i ginekologii Omskogo meditsinskogo instituta.
(Nicotinic acid--Therapeutic use) (Hemorrhage, Uterine)

BAKIYEVA, R.G.

BAKIYEVA, R.G., kandidat meditsinskikh nauk

Asphyxia neonatorum and the role of Legenchenko's method in preventing stillbirth. Akush. i gin. no.3:57-59 My-Je '55. (MLRA 8:10)

1. Iz kafedry akusherstva i ginekologii (zav.-dotsent V. Ye. Spirov) Omskogo meditsinskogo instituta.

(ASPHYXIA NEONATORUM
fetal, prev. of stillbirth, Legenchenko's method)
(STILLBIRT , etiol. & pathogen.
fetal asphysia, prev. by Legenchenko's method)

BAKIYEVA, R.G.

Effect of TSovianov's method on the outcome of delivery in cases of pelvic presentation. Akush. i gig. 33 no.2:78-80 Mr-Ap '56. (MLRA 9:7)

1. Iz akusherako-ginekologicheskoy kliniki No.1 (zav.- kafedroy-dotsent V.Ye.Spirov) Omskogo meditsinskogo instituta
(DELIVERY
TSovianov's method in pelvic presentation)

GILLERSON, A.B., professor; BAKIYEVA, R.G., dotsent

Rupture of the uterus; based on materials from obstetrical and gynecological clinics of the Omsk State Kalinin Medical Institute. Vop.okh.mat. i det. 2 no.4:57-61 Jl-Ag '57. (MLRA 10:8)
(UTERUS--RUPTURE)

GILLERSON, A.B., professor; BAKIYEVA, R.G., dotsent

Uterine rupture following cesarean sections [with summary in English]
Akush. i gin. 33 no.2:59-62 Mr-Ap '57. (MIRA 10:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.B.Gillerson) Omskogo gosudarstvennogo meditsinskogo instituta imeni M.I.Kalinina.
(CESAREAN SECTION, compl.
rupt. of uterus in subsequent labor)
(LABOR, compl.
rupt. of uterus after previous cesarean section)
(UTERUS, rupture
in labor, after previous cesarean section)

BAKIYEVA, R.G., dots.

Average arterial pressure in late toxemias of pregnancy [with summary in English]. Akush. i gin. 34 no.3:29-34 My-Je '58. (MIRA 11:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.B. Gillerson) i fakul'tetskoy terapii (zav. R.M.Akhrem-Akhremovich) Omskogo gosudarstvennogo meditsinskogo instituta imeni M.I. Kalinina.

(PREGNANCY, TOXEMIAS, physiol.
average arterial pressure in late toxemias (Rus))
(BLOOD PRESSURE, in various dis.
late pregn. toxemias (Rus))

BAKIYEVA, R.G., dotsent

Vasomotor collapse in late pregnancy toxemia. Akush.i gin. 35 no.4: 38-45 Jl-Ag '59. (MIRA 12:11)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.B. Gillerson) i kafedry fakul'tetskoy terapii (zav. - prof. R.M. Akhrem-Akhremovich) Omskogo meditsinskogo instituta imeni M.I. Kalinina.
(PREGNANCY, TOXEMIA compl.)
(SHOCK etiol.)

BAKIYEVA, R. G.

Doc Med Sci - (diss) "Functional state of the vascular system in late toxicosis of pregnant women." Kazan', 1961. 29 pp; (Ministry of Public Health RSFSR, Kazan' State Medical Inst); number of copies not given; price not given; (KL, 6-61 sup, 234)

BAKIYEVA, R.G. (Kazan'); SADYKOV, B.G. (Kazan')

Brief news. Kaz. med. zhur. no.6:90 N-D '61. Kaz. med. zhur. no.6: 90 N-D '61. (MIRA 15:2)
(GYNECOLOGY--CONGRESSES) (OBSTETRICS--CONGRESSES)

GILLERSON, A.B.; BAKIYEVA, R.G.; BURMATOV, D.A., zasluzhennyy vrach RSFSR

Some etiological, clinical and therapeutic problems in uterine rupture. Vop. okh. mat. i det. 6 no.5:63-67 My '61. (MIRA 14:10)

1. Iz kafedry akusherstva i ginekologii (zaveduyushchiy - prof. A.B. Gillerson) Omskogo meditsinskogo instituta imeni M.I.Kalinina.
(UTERUS--RUPTURE) (CESAREAN SECTION)

BAKIYEVA, R.G., dotsent

Course of labor in late pregnancy toxicoses. Kaz. med. zhur. no.1:40-42 Ja-F'63. (MIRA 16:8)

1. Kafedra akusherstva i ginekologii (zav. - prof. A.B. Gillerson) Omskogo meditsinskogo instituta.
(TOXEMIA) (LABOR, COMPLICATED)

BAKIYEVA, R.G., dotsent

Effect of late pregnancy toxicosis on the fetus. Vop. okhr. materin. dets. 8 no.1:64-68 '63 (MIRA 17:2)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.B. Gillerson) Omskogo meditsinskogo instituta imeni M.I.Kalinina (rektor - dotsent L.G.Makarov).

BAKIYEVA, R.G.; VORONIN, K.V.; KOROL'KOVA, O.A.; MIRONOVA, T.A.

Effect of protracted pregnancy on the course of labor and the fetus. Nauch. trudy Kaz. ges. med. inst. 14:359-361 '64. (MIRA 18:9)

1. 1-ya kafedra akusherstva i ginekologii (zav. - prof. R.G. Bakiyeva, prof.-konsul'tant P.V.Manenkov) Kazanskogo meditsinskogo instituta.

BAKIYEVA, R.G.; KOROL'KOVA, O.A.; MIRONOVA, T.A.

Average blood loss during the placental and early postnatal periods of labor and the factors influencing its. Nauch. trudy Kaz. gos. med. inst. 14:363-365 '64. (MIRA 18:9)

1. 1-ya akusherstva i ginekologii (zav. - prof. R.G.Bakiyeva, prof.-konsul'tant F.V.Manenkov) Kazanskogo meditsinskogo instituta.

BAKIYEVA, R.G.; MIRONOVA, T.A.

Neurinomas in the cavity of the small pelvis. Nauch. trudy Kaz. gos. med. inst. 14:367-368 '64. (MIRA 18:9)

1. Kafedra akusherstva i ginekologii (zav. - prof. R.G.Bakiyeva, prof. -konsul'tant P.V.Manenkov) Kazanskogo meditsinskogo instituta.

BAKIYEVICH, N. I.

Bakiyevich, N. I. -- " Some Marginal Problems for Equations of Mixed Types in a Band and in a Semi-Plane." Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow, 1956. (Disseration for the Degree of Candidate in Physicomathematical Sciences).

So: Knizhnaya Letopis', No, 11, 1956, pp 103-114

BAKIYEVICH, N.I.

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/2 PG - 862
AUTHOR BAKIEVIC N.I.
TITLE Some boundary value problems for a mixed equation in the strip and in the half-plane.
PERIODICAL Doklady Akad.Nauk 112, 793-796 (1957)
reviewed 6/1957

The author considers the partial differential equation

$$(1) \qquad y^m a(y) \frac{\partial^2 U}{\partial x^2} + \frac{\partial^2 U}{\partial y^2} + \left\{ -\frac{n}{y} + b(y) \right\} \frac{\partial U}{\partial y} + c(y)U = 0,$$

where $a(y) > 0$, $b(y)$ and $c(y)$ are analytic, $m = n = 2k-1$ or $m = -1$ and $n = k-1$ $(k=1,2,3,\ldots)$.
In the strip D_1: $-\infty < x < +\infty$, $-\alpha < y < \beta$ $(\alpha > 0, \beta > 0)$ or in one of the half-planes D_2: $-\infty < x < +\infty$, $-\infty < y < \beta$ $(\beta > 0)$ and in D_3: $-\infty < x < +\infty$, $-\alpha < y < +\infty$ $(\alpha > 0)$, respectively, the following boundary value problems are considered:
Problem 1: Determine in D_1 a solution of (1) which satisfies one of the following boundary conditions:

$$(2) \qquad U(x,y)_{y=\beta} = P_1(x) \qquad (-\infty < x < +\infty, \ \beta \neq \infty)$$

or

(2') $$U(x,y)_{x=-\alpha} = F_2(x) \qquad (-\infty<x<+\infty,\ \alpha \neq \infty)$$

or

(3) $$\lim_{y\to+0} y^{-n-1}\, U(x,y) = \lim_{y\to-0} y^{-n-1}\, U(x,y).$$

Problem 2: Under the assumption that $F_1(x)$ and $F_2(x)$ are periodic in x, determine in D_1 a solution of (1) which satisfies (2) or (2') and (3) and which is periodic in x with the same period.
With the aid of the two-sided Laplace transformation in a certain function class for the first problem the existence and uniqueness of the solution and the continuous dependence of the solution on the boundary values are proved. The second problem is solved by the Fourier method. It is stated that the problem has a unique solution with the exception of at most a countable set of values $\beta(\alpha)$.

INSTITUTION: Educational Institute, Tula.

77799
SOV/42-15-1-6/27

AUTHOR: Bakiyevich, N. I.

TITLE: Some Boundary Value Problems for Mixed Type Equations Arising in the Study of Infinitesimal Bending of Surfaces of Revolution

PERIODICAL: Uspekhi matematicheskikh nauk, 1960, Vol 15, Nr 1, pp 171-176 (USSR)

ABSTRACT: If the Gaussian curvature of a surface changes sign, then the characteristic equation of infinitesimal bending of the surface is an equation of the mixed type. In order to assure continuity of the field of rotation it is necessary to impose on the solutions additional conditions, which are given here. The author also examines some boundary value problems arising in this connection. Let X be an oriented surface of finite connectedness, closed or bounded by regular curves, u and v be the curvilinear coordinates on X, $X(u,v)$ be the radius vector.

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Boundary Value Problems for Mixed Type ... ions Arising in the Study of Infinites- ... nding of Surfaces of Revolution

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It is assumed that on X the vector function $X(u,v)$ is continuously differentiable up to the third order and that $(X X_{uv}) \neq 0$. Let N be the unit normal and K be the Gaussian curvature of the surface. In N. V. Efimov, Qualitative Problems in the Theory of Deformation of Surfaces, Uspekhi matematicheskikh nauk, Nr 2, 24, 1948, pp 101-139, it is shown that for $K \neq 0$ in order that the field $y(u,v)$ be a field of rotation on X it is necessary and sufficient that the function

$$\varphi = y \cdot N \tag{1}$$

be a single-valued solution on X of the equation

$$L\varphi_{vv} - 2M\varphi_{uv} + N\varphi_{uu} + P\varphi_u + Q\varphi_v + R\varphi = 0, \tag{2}$$

where L, M, and N are the coefficients of the second quadratic form of the surface, and P, Q, and R are expressible in terms of the coefficients of its first and second quadratic forms. y is defined in terms of φ by

C ... /o

$$\varphi = y \cdot N, \quad \varphi_u = y \cdot N_u, \quad \varphi_v = y \cdot N_v. \tag{3}$$

Using (3) it can be shown that the field of rotation is then and only then continuous when the corresponding solution of (2) satisfies the conjunction conditions

$$\varphi, \frac{\varphi_u}{L}, \frac{\varphi_v}{N} \tag{A}$$

The solutions of (2) will be called weakly regular solutions if they satisfy (A). If X is not simply-connected, then in order for a single-valued field of rotation, y, there corresponds a single-valued velocity field, the following must be satisfied

$$\oint_{c_i} [y\,dx] = 0 \quad (i = 1, 2, 3, \ldots, r), \tag{4}$$

where $c_1, c_2, \ldots, c_r$ are one-dimensional cycles on the surface constituting the basis of the homology. This, however, imposes definite restrictions on Ψ. Strongly-regular solutions of (2) are those weakly-regular

solutions for which (4) is satisfied. The weakly-or strongly-regular solutions of (2) are trivial or non-trivial according to whether the field y is trivial (i.e., $\vec{y}$ = constant) or nontrivial. The concepts of weakly-and strongly-regular solutions are illustrated for the surface

$$\mathbf{x}(u, v) = \eta(v)(\mathbf{i}\cos u + \mathbf{j}\sin u) + \zeta(v)\mathbf{k}, \qquad (5)$$

for which (2) becomes

$$\frac{\partial}{\partial v}\left\{\frac{\sqrt{E(v)}}{N(v)}\frac{\partial\varphi}{\partial v}\right\} + \frac{\sqrt{E(v)}}{L(v)}\frac{\partial^2\varphi}{\partial u^2} + \left\{N(v)\sqrt{E(v)} + \frac{L(v)}{\sqrt{E(v)}}\right\}\varphi = 0, \qquad (6)$$

where v denotes the length of the meridian arc, and E is the coefficient of the first quadratic form. If the surface is glued along one of the lines, for which $K \neq 0$, to a piece of a plane, then along this line φ must satisfy the condition

$$\frac{\varphi_{uv}}{N} - \frac{1}{2}E'\frac{\varphi_u}{L} = 0. \qquad (15)$$

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Two cases arise: (Case I) In the interval V, $L(v) \neq 0$ and $N(v)$ has zeros in an isolated set. (V is one of the following intervals: $-\alpha \leqslant v \leqslant \beta$; $-\alpha < v < \infty$; $-\infty < v \leqslant \beta$; $-\infty < v < \infty$ ($\alpha > 0$; $\beta > 0$).) (Case II) $N(v)$ has zeros in an isolated set and $L(v)$ has zeros only for $v = 0$. Thus the following three problems are posed: In connection with Case I: Problem I: To find nontrivial strongly-regular solutions of (6) satisfying (15) for $v = v_1$ ($K(v_1) > 0$) and $v = v_2$ ($K(v_2) < 0$) In connection with Case II: Problem II: To find nontrivial strongly-regular solutions of (6) satisfying (15) for $v = v_1$ ($0 < v_1 \leqslant \beta_1$) Problem III: To find nontrivial strongly-regular solutions of (6) satisfying (15) for $v = v_2$ ($K(v_2) < 0$), where for simplicity it is assumed that $K \geqslant 0$ for $0 < v \leqslant \beta_1$, $\beta_1 \leqslant \beta$ (or for $0 < v < \infty$).

Card 5/6

If (15) refers to v_1 on the elliptic part of the

Some Boundary Value Problems for Mixed Type Equations Arising in the Study of Infinitesimal Bending of Surfaces of Revolution

(7779)
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surface, and to v_2 on the hyperbolic part then Problem I has a solution. Problem II has no solution. For Problem III there exists on the hyperbolic part of the surface a dense set of lines $v = v_0$ for which solutions exist. For all three problems there exist nontrivial weakly-regular solutions. Using the methods developed here the author shows that the surface (2), having positive curvature, is weakly rigid. There are 3 references, 2 Soviet, 1 Italian.

SUBMITTED: July 22, 1958

Card 6/6

S/044/63/000/001/018/053
A060/A000

AUTHOR: Bakiyevich, N. I.

TITLE: Some boundary problems for second-order partial differential equations and an operator method for solving the related integral equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 1, 1963, 53, abstract 1B247 (Tr. 1-y Nauchn. konferentsii matem. kafedr. ped. in-tov Povolzh'ya, 1960, Kuybyshev, 1961, 32 - 40)

TEXT: The author considers two boundary problems: in the region (D) of the halfplane $\eta < 0$ bounded by the segment AB of the axis $O\xi$ and by the characteristics AC and BC originating from the ends of that segment, to find the solution of the equation

$$U_{\xi\xi} - U_{\eta\eta} + \lambda^2 U = 0,$$

satisfying the boundary conditions (the first Cauchy-Goursat boundary problem)

Card 1/2

Some boundary problems for...

S/044/63/000/001/018/053
A060/A000

$U_{AB} = \tau(\xi)$; $U|_{AC} = \varphi(\xi)$, $\tau(0) = \varphi(0)$

and the boundary conditions (the second Cauchy-Goursat boundary problem)

$$\frac{\partial U}{\partial \eta}\Big|_{AB} = \upsilon(\xi); \quad U|_{AC} = \varphi(\xi).$$

The author reduces both boundary problems to Volterra integral equations, and then solves them in a closed form with the aid of operational calculus.

[Abstracter's note: Complete translation]

A. V. Ivanov

Card 2/2

ACCESSION NR: AP4033964 S/0140/64/000/002/0007/0013

AUTHOR: Bakiyevich, N. I. (Tula)

TITLE: Singular Tricomi problems for a given linear second order partial differential equation with power coefficients

SOURCE: IVUZ. Matematika, no. 2, 1964, 7-13

TOPIC TAGS: Tricomi problem, linear partial differential equation, power coefficient

ABSTRACT: The author considers two singular Tricomi problems for

$$\eta^{\alpha}u_{\xi\xi} + u_{\eta\eta} - \mu^2\eta^{\alpha}u = 0, \quad (1)$$

where $\alpha > 0$ and is such that $(-1)^{\alpha} = -1$ (real values of power are chosen), and μ is a real or pure imaginary constant. The first problem is to find a solution of the equation satisfying

$$u|_{AB} = \tau(t), \quad u|_{AC} = \varphi(t) \quad (\tau(A) = \varphi(A)). \quad (2)$$

in the region D of the half plane $\eta > 0$ bounded by the segment AB of the $O\xi$ axis and the characteristics of the equation, AC and BC, going out from the ends of this

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ACCESSION NR: AP4033964

segment. The second problem is to find a solution for the equation satisfying

$$\left.\frac{\partial u}{\partial \eta}\right|_{AB} = \nu(t), \quad u|_{AC} = \varphi(t).$$

in D. AB is assumed to coincide with $[0,1]$. M. B. Kapilevich (O formulakh svyazi dlya singulyarnykh zadach Trikomi. DAN SSSR, t. 132, No. 1, str. 28-31, 1960) obtained explicit formulas for solving these two problems when $\varphi(\xi) \neq 0$. The present author proposes a different method for solving them when $\varphi(\xi) \not\equiv 0$; he also obtains formulas expressing $\tau(\xi)$ in terms of $\nu(\xi)$, $\varphi(\xi)$ and $\nu(\xi)$ in terms of $\tau(\xi)$ $\varphi(\xi)$. He improves certain other results related to the singular Cauchy problem for equation (1). Orig. art. has: 23 formulas.

ASSOCIATION: none

SUBMITTED: 26Mar62 DATE ACQ: 07May64 ENCL: 00

SUB CODE: MA NO REF SOV: 006 OTHER: 001

Card 2/2

BAKIYEVICH, N.I. (Tula)

A mixed-type equation in the theory of infinitesimal flexures of surfaces. Volzh. mat. sbor. no.1:32-42 '63.

Singular Tricomi problems for the equation $y^{\alpha}u_{xx} + u_{yy} - \omega^2 y^{\alpha}u = 0$. Ibid.:42-52 '63.

(MIRA 19:1)

BARK, A.

Dissertation: "The Influence of Certain Factors on the Capacity for Reaction of Wood Cellulose." Cand Tech Sci, Leningrad Forestry Engineering Academy, Leningrad, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 4, Feb 54)

SO: SUM 243, 19 Oct 1954

Bakk, A A

Reactivity of wood cellulose. N. Ya. Solechnik and A. A. Bakk (V. M. Molotov Technol. Inst., Leningrad). *Zhur. Prikład. Khim.* 29, 768-74(1956).—Examn. of cellulose specimens from cotton and sulfite and sulfate pulps showed that the chem. reactivity is affected mostly by the distribution of mol. wt. of the cellulose material. The higher the content of fractions with a degree of polymerization above 1900 and the lower that below 200 the less reactive is the material; the degree of interchain cross-linking is less important. A regulation of reactivity in formation of xanthate is possible by activation of cellulose at 50° with dil. mineral acids (HCl) for about 6 hrs. The measure of cross-linking is obtained by the isotherms of water adsorption.

G. M. Kosolapoff

Chem 2

RUMANIA/Chemical Technology. Chemical Products and their Applications. Cellulose and Cellulose Products. Paper. K-5

Abs Jour: Ref Zhur-Khimiya, 1958, No 1, 3303

Author : Bakk A.
Inst :
Title : Testing the Efficiency of "Savalla" Fiber Screens

Orig Pub: Celuloza si hirtie, 1957, 6, No 1, 26-30.

Abstract: The optimum conditions for the operation of Savalla-type fiber screens are considered. The use of this fiber-screen is efficient at low fiber concentrations and negligible filler content in the circulating water.

Card : 1/1

RUMANIA/Chemical Technology - Chemical Products and Their Application, Part 4. - Cellulose and Its Derivatives, Paper. H-33

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 48979

Author : Gh. Oprescu, A. Bakk.
Inst : -
Title : Help of Soviet Union in Manufacturing of Sulfite Cellulose.

Orig Pub : Celuloza si hirtie, 1957, 6, No 11, 365-375

Abstract : No abstract.

Card 1/1

RUMANIA / Chemical Technology. Cellulose and its Derivatives. Paper. H-33

Abs Jour: Ref Zhur-Khimiya, No 14, 1959, 51953.

Author : Bakk, A.
Inst : Not given.
Title : Progress Made by the Soviet Scientists in the Manufacture of Chemical Wood Pulp from Deciduous Varieties.

Orig Pub: Celul. si hitie, 1958, 7, No 11, 444-445.

Abstract: Review of the results obtained by Soviet specialists and conclusions of a conference of Sep 1957, regarding the manufacture of chemical wood pulp.

Card 1/1

H-191

COUNTRY	:	Rumania	H-33
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No.5 1960, No.	20388
AUTHOR	:	Bakk, A.	
INST.	:	Not given	
TITLE	:	Effect of the Degree of Grinding of the Cane and Straw on the Rate of Cooking and Quality of Semi-finished Products Obtained	
ORIG. PUB.	:	Celul si Hirtie, 8, No 5, 145-148 (1959)	

ABSTRACT : It is shown that in the soda process the degree of grinding of the cane and straw used has no decisive effect on the rate of cooking or on the quality of the pulp obtained. The cutting of the straw and cane into 20-30 mm lengths is recommended as a means of increasing the capacity of the cooking kettles.

From author's summary

CARD: 1/1 409

PAKK, A.; Voisberg, M.

Laboratory tests for determining the chlorine consumption in bleaching reed-sulfate pulp for papermaking, by means of adding black liquor to the pulping liquor. p. 284.

CELULOZA SI HIRTIE. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romînia si Ministerul Industriei Petrolului si Chimie) Bucuresti, Rumania. Vol. 8, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

HUNGARY / Farm Animals. The Honeybee. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7403

Author : Bakk, Ferenc
Inst : Not given
Title : Temporary Isolation of Bees

Orig Pub : Mehoszot, 1958, 6, No 2-3, 23-25

Abstract : The experiment in which bees were isolated was carried out in August 1957 in the course of 109 hours at an air temperature of 21.2-25° [C] and at a minimal humidity of the order of 45-60 percent on 12 colonies in isolating beehives (3 groups, 4 colonies each). Because of an insufficient number of colonies, the results are preliminary in nature. It was proven that temporary isolation is more expedient by comparison to the removal of colonies

Card 1/2

HUNGARY / Farm Animals. The Honeybee. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No: 7403

but that it has a number of disadvantages. Constant supervision and, if necessary, intervention are essential. It is important that watering of bees should be executed uninterruptedly and that causes which create unrest among bees should be removed. If one does not succeed in calming the bees, it is better to open the bee-entrance. -- V. A. Kanzyuba

Card 2/2

BAKK, Zoltan

Processing small series on one-spindle automatic machines and other up-to-date methods in the 1961 technical plan of the Metal Ware and Machine Tool Factory. Gepgyartastechn 1 no.1:14-17 Ap '61.

1. Femaru- es Szerszamgepgyar.

BAKK, Zoltan

Advantages of unit constructions from the point of view of production technology. Gepgyartastechn 2 no.10:361-366 O '62.

1. Femaru- es Szerszamgepgyar.

SEVAST'YANOV, N.V., inzh.; BAKKAL, I.S., inzh.

Construction of the 330 kv. electric transmission line from the Baltic State Regional Electric Power Plant to Riga. Energ. stroi. no.26:70-75. (MIRA 15:7)

1. Trest "Severozapelektrosetstroy." (Interconnected electric utility systems.) (Electric lines)

BOGUTSKIY, S.S.; ZAKHVATKINA, B.I.; KIL'MAN, A.Sh.; KISLOV, A.N.; KOZLOVSKIY, P.K.; KOLCHANOV, V.N.; TARASEVICH, L.I.; BAKKAL, K.A., otv. red.; BELOV, V.S., red. izd-va; OVSEYENKO, V.G., tekhn. red.

[Automatically controlled mining systems]Rudnichnye avtomaticheskie ustanovki; prakticheskoe posobie po avtomatizatsii na shakhte. Moskva, Gosgortekhizdat, 1962. 195 p. (MIRA 15:12)

(Mining machinery) (Automatic control)

MALEVANAYA, Sof'ya Vasil'yevna; KOZLOVSKIY, Pavel Rostislavovich; MAKSIMOV, Viktor Ivanovich; GOLOV, Aleksey Savinovich; DERIGLAZOV, Ivan Ivanovich; BAKKAL, R.A., otv. red.; BELOV, V.S., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Overall mechanization and automation of underground transportation in coal mines] Kompleksnaia mekhanizatsiia i avtomatizatsiia podzemnogo tranporta na ugol'nykh shakhtakh. [By] S.V. Malevannaia i dr. Moskva, Gosgortekhizdat, 1963. 171 p. (MIRA 16:6)

(Mine haulage) (Automatic control)

BAKKAL, R.A., inzh.; BOGOPOL'SKIY, B.Kh., inzh.; PIPKO, P.M., inzh.

System of putting automation into the process of rotary boring. Gor.zhur. no.12:35-39 D '63. (MIRA 17:3)

1. Gosudarstvennyy proyektno-konstruktorskiy institut avtomatizatsii rabot v ugol'noy promyshlennosti, Moskva.

MEL'KUMOV, Lev Georgiyevich; BOGOPOL'SKIY, Beko Khaimovich; BAKKAL, Rober Aleksandrovich; VARTANYANTS, A.M., retsenzent; MIRSKAYA, V.V., red.izd-va; MAKSIMOVA, V.V., tekhn. red.

[Handbook on automatic control systems for mines] Spravochnik po avtomatizatsii shakht i rudnikov. Moskva, Izd-vo "Nedra," 1964. 488 p. (MIRA 17:2)

BAIBUL, S. A.

"Experience with Tissue Therapy of Epilepsy Patients by the Method of Academician Filatov," Khirurgiya, No. 3, 1948. Prof., Odessa Med. Inst. -c1948-.

AKKAL, S. A.

"Treatment of Spontaneous Gangrene with Tissue Therapy according to the Method of Academician V. P. Filatov," Khirurgiya, No. 9, 1949. Prof., Clinic General Surgery, Podiatric & Sanitation-Hygienic Faculty, Odessa Med. Inst. -c1949-.

BAKKAL, S.A.

BAKKAL, S.A.; SHKOLYAR, L.V.

[Application of tissue therapy by Filatov's method in organic strictures of the esophagus, following burns by acids and alkali] Primenenie tkanevoi terapii po metodu V.P.Filatova pri organicheskikh strikturakh pishchevoda posle ozhogov kislotami ili shchelochami. Khirurgia, Moskva no.3:70-74 My '50. (CLML 19:1)

1. Of the Clinic for General Surgery (Head, prof. S.A.Bakkal) of Odessa Medical Institute.

USSR/Medicine - Virus Diseases Jul/Aug 52

"Roentgenological Treatment of Poliomyelitis in Children," Prof E. D. Dubovyi, Docent S. F. Bakkal, T. E. Dubovaya-Golosarskaya, Chair of Children's Diseases and Chair of Roentgenol, Odessa Med Inst

"Pediatriya" No 4, pp 21-24

This method of treating cases of poliomyelitis was started in the USSR in 1937, interrupted by World War II and resumed at the present time with favorable results. Though not widely publicized, according to the authors, this method is gaining attention of the medical world. In relating case histories, the article summarizes that the best results from X-ray treatment are attained when roentgentherapy is used at the early stages of the disease.

221T35

BAKKAL, S. F., Docent

221T35

BAKKAL, T.P.

OREKHOVA, A.A.; BAKKAL, T.P.

State of respiratory organs in so-called intracranial trauma in newborns; clinical and morphological data. Trudy AMN SSSR 29:70-76 '53. (MLRA 6:11)

(Respiratory organs) (Skull--Wounds and injuries) (Infants (Newborn))

BAKKAL I.T.

ANDRIYASHEVA, N.M.; BAKKAL, T.P.; BEKKER, S.M.; BOGDANOV-BEREZOVSKIY, V.V.; BRAUN, A.D.; VASILEVSKAYA, N.L.; GANUSENKO, M.N.; GARMASHEVA, N.L.; DEMICHEV, I.P.; DRIZGALOVICH, S.Ye.; KALININA, N.A.; KORSAKOVA, G.F.; KRYZHANOVSKAYA, Ye.F.; MIROVICH, N.I.; PROROKOVA, V.K.; PUGOVISHNIKOVA, M.A.; RESHETOVA, L.A.; SVETLOV, P.G.; UTEGENOVA, K.D.; KHECHINASHVILI, G.G.; SHVANG, L.I.; GARMASHEVA, N.L., professor, redaktor; RUDAKOV, A.V., redaktor; RULEVA, M.S., tekhnicheskiy redaktor.

[Reflex actions in mother-fetus interrelations] Reflektornye reaktsii vo vzaimootnosheniiakh materinskogo organizma i ploda. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 266 p.(MLRA 7:10)
(Pregnancy) (Embryology)

BAKHAL, T.P. (Leningrad, 137, ul. Barnaleyeva,26,kv.2)

Effect of endogenic hyperthermia in rabbits during different periods of gestation on the condition of the fetus and placenta. Arkh. anat. gist. i embr. 41 no.8:28-36 Ag '61. (MIRA 15:6)

1. Laboratoriya normal'noy i patologicheskoy fiziologii (zav. - prof. N.L. Garmasheva) Instituta akusherstva i ginekologii AMN SSSR i laboratorii embriologii (zav. - chlen-korrespondent AMN SSSR, prof. P.G. Svetlov) Instituta eksperimental'noy meditsiny AMN SSSR.
(FEVER) (FETUS) (PLACENTA)

BAKKAY, Laszlo, erdomernok

Afforestation on sandy soil. Elet tud 16 no.15:468-471 9 Ap '61.

CHEPELYUK, M.A.; BAKKER, E.T.

Q fever in Pavlodar Province; preliminary report. Zdrav. Kazakh. 17 no.6:46 '57. (MIRA 12:6)

1. Iz Pavlodarskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

(PAVLODAR PROVINCE--Q FEVER)

BAKKOV, V. F.

Avtomobil'nyye dorogi [Automobile roads, by] V. F. Bakkov, A. Ya. Volkov [i dr.] Moskva, Avtotransizdat, 1953. 647 p. illus., ports, maps, tables. diagrs.

N/5
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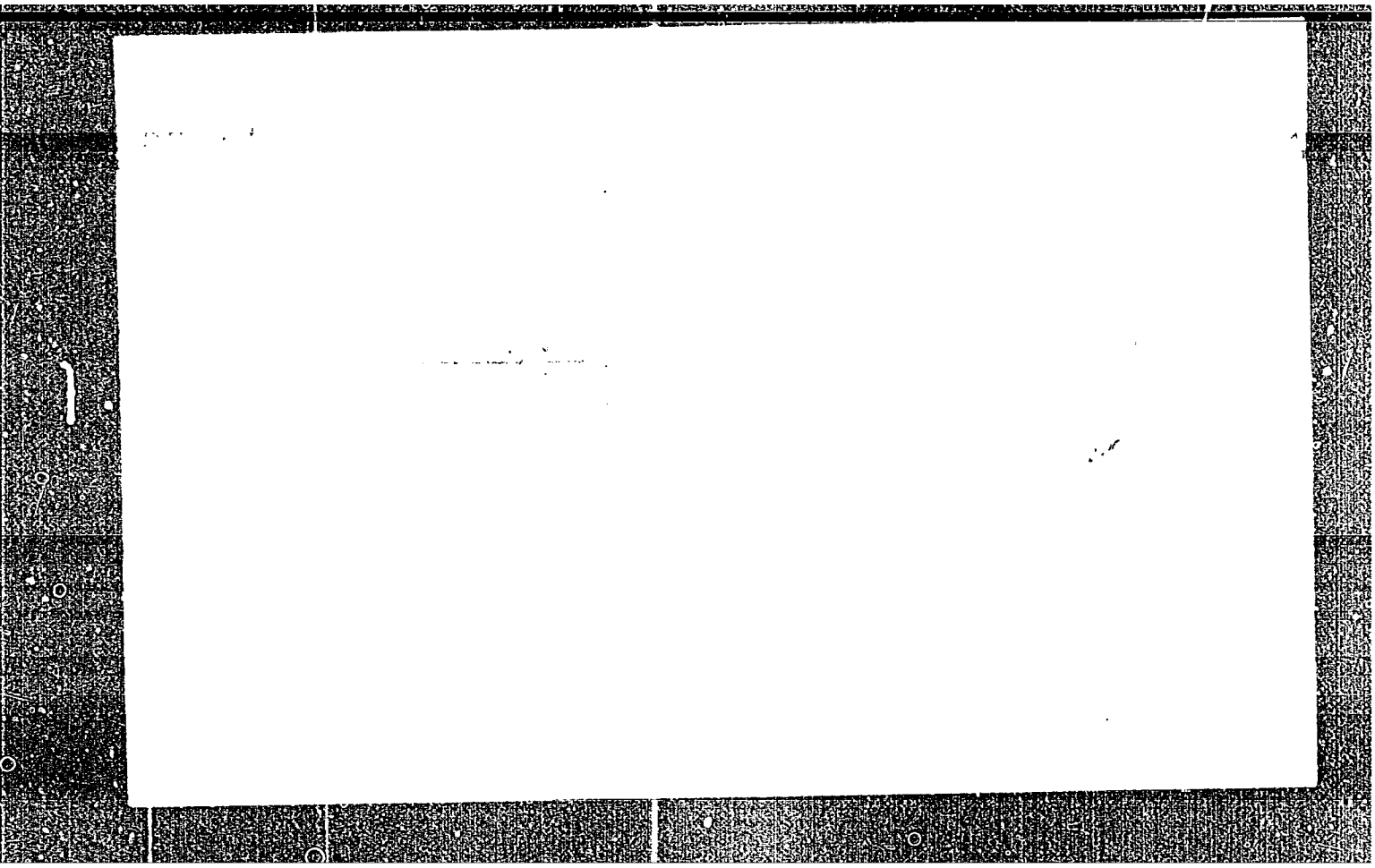
.B1



BAKLACHYAN, M.S.

Dairying in the Ararat region and Shaumyan District [in Armenian with summary in Russian]. Nauch. trudy Erev. un. 63:165-182 '58.
(MIRA 11:6)

1. Yerevanskiy gosudarstvennyy universitet, kafedra ekonomicheskoy geografii.

(Armenia--Dairying)

AID P - 3494

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 9/21

Authors : Baklagin, A. I. and N. N. Polyakova

Title : Study of bitumens by means of molecular distillation

Periodical : Zhur. prikl. khim., 28, 622-628, 1955

Abstract : A drawing and description of a somewhat modified Hickman pot still is given. Molecular distillation was carried out at 120-170, 170-220, 220-270, 270-320°C. Petroleum residues of varied origin were distilled, and the method seems to be quite satisfactory for investigating bitumens. One drawing, 5 tables, 2 references, none Russian.

Institution : None

Submitted : D 31, 1953

Baklagin A.I

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USSR / Chemical Technology. Chemical Products and Their Application

Treatment of natural gases and petroleum. Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31939

Author : Baklagin A. I.

Title : Study of Ceresins and Paraffins of Ozocerites (Using Molecular Distillation)

Orig Pub: Zh. prikl. khimii, 1955, 28, No 11, 1225-1230

Abstract: The method of molecular distillation was used in the study Fergana Cheleken and Borislav ozocerite and fractions of Borislav petroleum, and it was shown that ozocerites can be fractionated without decomposition of the ceresins (C). C and paraffins (P) of Borislav ozocerite

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have the highest melting points and refraction indices, while solid P of Borislav petroleum have the highest specific gravity. The reactivity of P and C in relation to oleum at 100°, increases with increasing boiling range of the fractions from which they were obtained. Reactivity of C from fractions of Cheleken and Fergana ozocerite is about the same, and is higher than that of C from Borislav ozocerite. Since the refractometric difference between all C and P of the isolated fractions is within the range that is characteristic of methane hydro-

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carbons, it is assumed that the latter constitute the major part of the isolated C and P.