

L 1687-66

ACCESSION NR: AP5020552

6

water. The emission spectra were measured with a DFS-13 spectrograph. The temperature of the arc was determined from two pairs of copper lines: 5105.5 : 5153.2 Å and 5105.5 : 4530.8 Å. Using the theoretical value of the Stark constant and the obtained experimental values, the article cites a value of $(1.3 \pm 0.3) 10^{16} \text{ cm}^{-3}$ for the concentration of charged particles in a plasma in a direct current arc between copper electrodes under water. The concentration of charged particles increases compared to the same arc in the atmosphere, for which a value of 10^{15} cm^{-3} is quoted. The temperature rises to approximately 1500 K. "In conclusion, the authors wish to thank M. A. El'yashevich for his constant interest in the work and for his discussion of the results." Orig. art. has: 3 tables

ASSOCIATION: Institut fiziki, Akademii nauk BSSR (Institute of Physics, Academy of Sciences, BSSR)

SUBMITTED: 21 Aug 64 ^{44,55}

ENCL: 00

SUB CODE: GC, EM

NR REF SOV: 005

OTHER: 006

Card 2/2 *AP*

GEMPEL', V.V.; BAKANOVSKIY, K.A. (Podol'sk)

Organization of medical care in shops with the new equipment. Gig.
truda i prof.zab. 3 no.5:49 S-0 '59. (MIRA 13:2)
(PODOLSK--INDUSTRIAL HYGIENE)

BAKANOVSKIY, K.A. (Podol'sk)

Results of the implementation of hygienic working conditions
for metallurgists in a tin-processing plant. Gig. truda i
prof.zab. 6 no.12:41-42 D'62. (MIRA 16:7)
(TIN INDUSTRY--HYGIENIC ASPECTS)

PAR 111 4 VV

12/11/68

12/11/68

SECRET

SECRET

BAKANSKAYA, V.V.

"The Rate of Appearance of Iodine ¹³¹-Tagged Albumin in the Lymph of the Thoracic Duct During Disturbance of Permeability of the Vascular System (Peptone Shock and Aseptic Inflammation), " Trudy Stalin. Med. Inst. Vol 13, No 2, 1954, pp 65-73 (from Ref. Zhurn. --Khim., Biolog. Khim., No. 12 25 Jun '56, Abs. No 11677 by K.SH.)

It was ~~xxxxx~~ established that during peptone shock and also during aseptic turpentine inflammation of dogs, intravenously administered iodine ¹³¹ tagged albumin from serum of human blood appeared in th lymphatic duct significantly sooner than in normal animals.
SO: Sum 1204 , Jan 28, 1957.

BAKANSKAYA, V. V.

BAKANSKAYA, V. V.

"Materials on Pathology of Permeability of the Vascular System. (An Experimental Study)." Stalinabad State Medical Inst imeni Abuali ibn-Sina (Avicenna), Stalinbad, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

SO: M-955, 16 Feb 56

BAKANSKAYA, V. V.

" "Data on the Pathology of Vascular Permeability," a report presented at the First Conference of Pathologists of Central Asia and Kazakhstan held in Stalingrad, 12-15 Feb 1955, Ark. Patol., 17, No 3, pp 83-87, 1955

Abstract Sum. 1003, 20 Jul 56

BAKANSEKAYA, V.V.

Causes for different pharmacological results intravenous and
intra-arterial injections; concentration of substances in the blood
following intravenous and intra-arterial injections. Trudy Stal.
med.inst. 21:39-43 '56 (MIRA 11:8)
(INJECTIONS)

BAKANSKAYA, V.V.

Rate of passage of I 131-labelled albumin, injected intravenously,
into the tissues and lymph in dogs with burns; impairment of
vascular permeability in burns. Trudy Stal.med.inst. 21:45-51
'56 (MIRA 11:8)

(BLOOD VESSELS--PERMEABILITY)
(BURNS AND SCALDS)

USSR/General Problems of Pathology - Shock

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84809

Author : Bekanskaya, V. V.

Institute : No institute is given

Title : Disturbances of Vascular Permeability in Shock
(Electrophoretic Studies of the Protein Composition
of Lymph in the Development of Peptone Shock)

Orig Pub : Byul. Eksper. Biol. i Med., 1957, Vol. 44, No. 11,
45-48

Abstract : In 17 dogs shock was produced by the intravenous in-
jection of a 40 percent solution of peptone (P) in phy-
siologic saline solution (0.7 gm/kg). 20-30 seconds
after the injection of P the blood pressure fell to
two-thirds its original level. By five minutes after
the injection, the concentration of protein (CP), the
ratio between the protein fractions, and the A/G ratio
in the serum of the dogs had not changed, whereas in
the lymph of the thoracic duct the CP had increased

Card 1/2

BAKANSKAYA, V.V.

Disorders of vascular permeability in burns; electrophoretic investigation of the protein composition of lymph draining from the burned areas [with summary in English]. *Biul. eksp. biol. i med.* 45 no.5: 36-39 My'58 (MIRA 11:6)

1. Iz kafedry patologicheskoy fiziologii (zav. - dots. Ye.P. Smolichev, nauchnyy rukovoditel' raboty - prof. I.A. Oyvin) Stalinabadskogo meditsinskogo instituta imeni Avitsenny. Predstavlena deystvitel'nym chlenom AMN SSSR A.Y. Braunshteynom.

(BURNS, experimental,

eff. on lymph proteins in damaged area, electrophoresis (Rus))

(PROTEIN, metabolism

lymph, in damaged areas in exper. burns, electrophoresis (Rus))

(LYMPH, metabolism

proteins, in damaged areas in exper. burns, electrophoresis (Rus))

BAKANSKAYA, V.V., kand.med.nauk

Radioactive isotopes in medicine. Zdrav. Tadzh. 7 no. 3:62-63
My-Je '60. (MIRA 14:4)

(ISOTOPES—THERAPEUTIC USE)

BAKANSKAYA, V.V.

Dynamics of vascular permeability disorders in acute radiation sickness in dogs in dry subtropical climatic conditions. Radiobiologiya 4 no.4:638-640 '64. (MIRA 17:11)

1. Meditsinskiy institut, Grodno i Meditsinskiy institut, Dushanbe.

BAKANYI, M.

Computing the natron concentration of Derr thickener. p. 240.

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary
Vol. 14, no. 6, June 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1959.
Uncla.

BAKANYI, M.

Measuring the sludge content of Dorr thickeners. p. 243.

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary
Vol. 14, no. 6, June 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1959.
Uncla.

ATLASOV, I.P.; BAKAR, V.A.; BONDAREV, V.I.; SYAGAYEV, N.A.; SOKOLOV, V.M.;
DIBNER, V.D.

Sketches of the tectonic structure of the central sector of the
Soviet Arctic. Trudy NIIGA 135:3-69 '63.

(MIRA 18:5)

Bakar, Z.

Bakar, Z.

Results and future prospects of standardization on Yugoslav
railroads. p.179

SU: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11
November 1955, Uncl.

USSR / Soil Science. Cultivation. Improvement. Erosion.

J-4

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 72747

Author : Bakaradze, D. M.

Inst : Georgian Scientific-Research Institute of Hydroengineering
and Amelioration

Title : On the Problem of the Method of Figuring the Economic
Effectiveness of Projected Irrigation Systems

Orig Pub : Tr. Gruz. n.-i. in-ta gidrotekhn. i melior., 1957, vyp. 18-
19, 41-44

Abstract : No abstract given

Card 1/1

BAKARADZE, T. L., Cand of Med Sci -- (diss) "Gamothropic action of certain antimalaria synthetic preparations (excoerimental and epidemiological investigations)," Tbilisi, 1957, 20 pp (Tbilisi State Medical Institute) 200 copies (KL, 32-57,96)

BAKARASOVA V.P.

SHCHERBOV, D.P.; PASHEVKINA, I.N.; BAKARASOVA, V.P.

Use of polarimetric determinations in bulk analysis of ores. Trudy
lab.geol.upr. no.1:31-50 '51. (MLRA 7:11)

1. Tsentral'naya laboratoriya Kazakhskogo geologicheskogo upravleniya.
(Polariscope) *admiral*
(Ores--Sampling and estimation)

L 45998-66

ACC NR: AP6034065

GE/0065/66/231/05-/0382/0390

BAKARDJIEV, Iwan, of the Institute for General and Inorganic Chemistry
at the Bulgarian Academy of Sciences [original-language version not
given] in Sofia, Bulgaria.

23

B

"Investigation of the Adsorption Hysteresis with a Physically Modified
Technique"

Leipzig, Zeitschrift fur Physikalische Chemie, Vol 231, No 5-6, 1966,
pp 382-390.

Abstract: This paper described the method for the determination of the
geometric factor, α , characterizing the differential curvature distri-
bution of the surface, by employing basically the technique described
by the author Ibid., Vol 225, 1964, p 273. It was found that this sub-
ject is closely related to capillary-condensation adsorption hysteresis.
The theory and practice of the technique was described in some detail,
and its applications were outlined.

SUB CODE: 07 / SUBM DATE: 04Jan65/ ORIG REF: 005 / SOV REF: 004/ OTH REF: 012

1/1 vlr

BAKARDZHIEV, D.

"Dairy cows on collective farms and the basis for forage" (p.3)

KOOPERATIVNO ZEMEDELIE

(Ministerstvo na zemedelieta) Sofiya Vol 8 No 8 1953

SO: East European Accessions List Vol 2 No 7 Aug 1954

STEFANOVA, L.; BAKARDZHIEV, Iv.

Stabilizing vitamin C in carbonated, salted, and sweetened water.
Izv biol med BAN 3 no.3:147-150 '59. (EEAI 10:4)

1. Institut po eksperimentalna meditsina pri BAN (Direktor: akad.
D.Crakhovats)
(ASCORBIC ACID)
(WATER)

BAKARDZHITYEVA, T.

USSR/Chemistry - Catalysts, Hydrogenation Sep 53

6. "Catalytic Hydrogenation in the Presence of Platinum Deposited on Activated Carbon," D.V. Sokol'skiy, T. Bakardzhiyeva

Iz Ak Nauk KazSSR, No 118, Ser Khim, Issue 6, pp 107-118

With increased filling of the surface of C with Pt, the activity of the catalyst increases up to a certain limit, then remains const, and finally drops. In the hydrogenation of cyclohexene or vinyl phenyl ether, the rate of the reaction is directly proportional to the quantity of Pt within

268T8

a wide range. The most active catalyst contains 4-5% of Pt by wt. In the hydrogenation of cinnamic acid, the reaction product inhibits the catalyst. The activity of the catalyst is not affected materially by the method of deposition of Pt.

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L 32218-66

ACC NR: AP6020815

SOURCE CODE: BU/0011/65/018/006/0545/0548

AUTHOR: Bakardjiev, I.

ORG: Institute of General and Inorganic Chemistry, BAN

TITLE: Determination of surface distribution functions according to curvature in porous objects

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 6, 545-548

TOPIC TAGS: porosity, adsorption, distribution function, surface property, desorption

ABSTRACT: Adsorption methods are widely used for the study of pore properties in adsorbers and catalyzers. Numerous authors developed methods for the determination of pore distributions according to volume and area by sorption in the domain of capillary condensation and polymolecular covering (see, e.g., E. P. Barret, P. Q. Joyner, P. P. Hallenda, J. Amer. Chem. Soc., 73, 1951, 373; M. M. Dubinin, ZhFKh, 30, 1956, 1840). In his earlier paper (Z. phys. Chem., 225, 1964, 273) the author characterized the pore size by the curvature of the surface elements on which the condensation according to the Thomson-Gibbs equation occurs; he proposed also an equation for the surface change during isothermal sorption which contains a parameter α characterizing the shape of the above-mentioned surface elements. In the present study of the adsorption hysteresis, the author determines experimentally the value of α for adsorption and desorption. Results show that the capillary condensation plays the same role during the filling and emptying of pores. The article contains detailed descriptions of the experiments with 6 aluminosilicates and 5 industrial catalyzer proces. This paper was presented by Academician R. Kaishev on 12 February 1965. The author thanks Prof. Bliznakov of the BAN for useful discussions of the results. Orig. art. has: 4 figures. Orig. art. in German / PRS

SUB CODE: 07 / SUBM DATE: 12Feb65 / OTH REF: 008 / SOV REF: 004

Card 1/1 15

BAKHAREV, A.I.; KALINICHENKO, V.N.; VOYEVODIN, S.A.

Advantages of rubber granulating in the preparation process.
Kauch. i rez. 24 no.2:43-45 F '65.

(MIRA 18:4)
1. Dnepropetrovskiy f'liial Nauchno-issledovatel'skogo instituta
shinnoy promyshlennosti.

BAKAREV, P.

BAKAREV, P. and SHAFICVALOV, I.

Iz opyta kapital'nogo vosstanovleniia mostov. [From the experience of large scale restoration of bridges]. (Zhel-dor. transport, 1948, no.6, p. 67-74, illus.).

DLC: E7.Z5

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

ACC NR: AP6030303

(A)

SOURCE CODE: UR/0416/66/000/008/0069/0075

AUTHOR: Bakarev, P. (Major general, Technical forces, Hero of socialist labor)

ORG: none

TITLE: The work of Soviet Army railroad construction forces

SOURCE: Tyl i snabzheniye sovetskikh vooruzhennykh sil, no. 8, 1966, 69-75

TOPIC TAGS: military engineering, railway construction, construction machinery

ABSTRACT: The duties and responsibilities of the Soviet Army railroad construction forces in the current five-year plan and the improved technical means available for building railroads are discussed. The new semiautomatic rail assembly lines consist of four basic mechanisms: crosstie feeder, automatic drilling unit, conveyer and automatic assembly unit. The following operations are performed automatically: the delivery of the crossties to the drilling unit, drilling of holes in the crossties and their treatment, the driving of spikes and the ejection of the assemblies. The pre-assembled 25-30 m track lengths are laid by type PB-2 and PB-3 equipment. Photographs of some of the heavy equipment used in railroad construction are shown. Orig. art. has: 7 figures.

SUB CODE: 13/¹⁵ SUBM DATE: none

Card 1/1

AUTHORS: Bakarev, P.I. and Prytkov, V.N., Ingenieurs. 184

TITLE: Centrifugal method of manufacturing reinforced concrete masts supporting overhead electrical wiring.
(Izgotovleniye tsentrifugirovannykh zhelezobetonnykh opor kontaktnoi seti).

PERIODICAL: "Beton i Zhelezobeton" (Concrete and Reinforced Concrete), 1957, No.2, pp. 54 - 57 (U.S.S.R.)

ABSTRACT: The above mentioned masts were designed according to plans of Gipromtransstroi of the Soviet Ministry of Transport. They are employed in the electrified Kurgan - Makushino Yuzhno-Ural line. The masts are 11.5 m high, the weight is 1.7 ton, the mast being bolted to the concrete foundation by steel shoes. The reinforcement consists of a base ring, longitudinal bars and spiral reinforcement. The base ring and welded on lugs are made of steel St- 3. Concrete Mark 400 is used. The external minimum diameter of the mast is 29 cm and the tapering 1 1/2 %. The basic equipment is the centrifuge which is driven by two 3-phase dynamos of 36 kilowatt with 4 speeds: 175, 270, 350 and 540 rot./min. The steel formwork in which the centrifuging is carried out is made of 8 mm thick steel sheeting. The manufacturing process has the following phases: the formation of the reinforcement, mixing of concrete, the preparation of the forms for centrifuging, the centrifuging process, the curing of the masts in the forms,

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Centrifugal method of manufacturing reinforced concrete masts supporting overhead electrical wiring.

the striking of the forms and the final curing in chambers. The bottom rings are fixed by welding. The longitudinal reinforcement is of 5 to 6 mm dia. The sand for the concrete mix has a modulus of coarseness of 2.46 with an average grain diameter 0.37 mm, the coarse aggregate having a content of 6 1/2% of stones over 20 mm and 2 1/2% less than 5 mm. The nominal concrete mix is 1 : 1.36 : 2.17, the water:cement ratio being 0.5. The quantity of used cement is 460 kg/m³. The curing was carried out for 3 to 4 hours, the temperature being 50°C during the first hour and 80°C during the rest of the process. The final curing in the chambers is carried out for 8 hours at 70 to 80°C. 4 masts were tested from each batch of 100 masts manufactured by this method. The masts were erected with the aid of lorry-mounted cranes which had a capacity of 5 to 10 tons. Steel consoles are fixed after erection. There are 4 photographs, 4 diagrams and 1 table.

BAKAREV, P.I., inzh., Geroy Sotsialisticheskogo Truda; GALKIN, Yu.V.,
inzh.

Laying track in 25 m. sections with a tractor-type gantry
track layer. Transp. stroi. ll no.5:7-10 My '61.

(MIRA 14:6)

(Railroads--Tracklaying machinery)

BAKAREV, P.I., inzh., Geroy Sotsialisticheskogo Truda; TRIFONOV, S.M., inzh.

Construction of the footings of a bridge over the Ugra River on
columnar foundations. Transp. stroi. 12 no.6:17-19 Je '62. (MIRA 15:6)
(Ugra River--Bridges--Foundations and piers)

BAKAREV, P.I., Geroy Sotsialisticheskogo Truda, inzh.; ZHELTOV, O.Ye. inzh.

Construction workers employed by the transportation industry need maneuverable, highly productive equipment. Transp. stroi. 12 no.11: 10-13 N '62. (MIRA 15:12)

(Railroads--Construction)

BOGDANOV, Vyacheslav Mikhaylovich, prof.; KOROLEVA, A.I., retsenzent;
BAKAREVA, A.I., retsenzent; TKAL', T.K., retsenzent; SUMA, V.A.,
retsenzent; KOROLEVA, N.S., retsenzent; CHERKASOVA, M.P., red.;
ZARSHCHIKOVA, L.N., tekhn. red.

[Microbiology of milk and milk products]Mikrobiologiya moloka i
molochnykh produktov. 4 izd., perer. i dop. Moskva, Pishche-
promizdat, 1962. 307 p. (MIRA 15:12)

1. Prepodavateli Khar'kovskogo tekhnikuma molochnoy promyshlen-
nosti (for Koroleva, Bakareva, Tkal', Suima). 2. Starshiy mikro-
biolog Moskovskogo molochnogo kombinata (for Koroleva, N.S.).
(Dairy bacteriology)

DAVARFAC, A.M. et al

Tekhnika bezopasnosti i promyshlennaiia sanitariia v kuznechnykh, kuznechno-shtampovochnykh i kuznechno-pressevykh tsekhakh (Safety engineering and industrial sanitation in forging, drop forging, and press forging shops). (Moskva) Oborongiz, 1951. 192 p.

MIDYUSHKO, N., shturman (Mineral'nyye Vody); BAKARINOV, M., shturman
(Mineral'nyye Vody)

The technicians did not go into the attacks. Grazhd. av. 22
no.6:18 Je '65. (MIRA 18'6)

GOFMAN, I.L.; ZOTOVA, K.S.; ALEKSASHINA, L.M.; Prinimali uchestiye: VINNIK, M.M.; LYSENKO, M.G.; BAKARINOVA, N.M.; NIKITINA, N.A.

Preparation of a tetrasodium pyrophosphate decahydrate food product based on phosphoric acid obtained by the extraction method. Khim.-prom. no.9:630-632 S '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut po udobreniyam i insektofungisidam imeni Samoylova i Opytnyy zavod Nauchno-issledovatel'skogo instituta po udobreniyam i insektofungisidam imeni Samoylova.
(Phosphoric acid) (Sodium pyrophosphate)

BAKARSIC, Sulejman

Sarajevo. Geogr hor 7 no.3:16-28 '61.

BAKARSIC, S.

Husein Brkic, 1889-1861; obituary. Geogr glas 24 208-209 '62.

BAKASHOVA, L.

23879 BAKASHOVA, L. Desyat' Dney V Millani... (111 Vtorom Vsemirnom Kongresse
Profsoyuzov). Profsoyuzy, 1949, No. 7, S. 26-31

SO: Letopis, No. 32, 1949.

BAKASHOVA, L.

"Militant Organization of the Working Class," Prof. Soyuz., No.9, 1952

BAKASHOVA, L.

"Defending the Vital Interests of the Workers, Their Democratic Rights and Liberties (Results of the Session of the Executive Committee of the World Federation of Trade Unions); V. prom. profaktuvu, 13, No.13, 1952

1. BAKASHOVA, I.
2. USSR (600)
4. Insurance, Social - Congresses
7. Internation conference for social insurance and social security, Prof. soiuzy, 8, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BAKASHOVA, L.

World Federation of Trade-Unions

For a better life, freedom, and peace, V pom. profaktivu 14 No. 7, 1953

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

BAKASHOVA, L.

On the road indicated by the Third World Congress of Trade Unions.
Sov. profsoinzy 2 no.5:68-72 My '54. (MLRA 7:6)
(World Federation of Trade Unions)

BAKASHOVA, I.

In defense of the vital interests of workers. Sov. profsoiuzy
3 no.6:79-83 Je '55. (MIRA 8:8)
(Trade unions)

BAKASHOVA, L.

For strengthening international unity of the working class;
on the results of the 28th session of the executive office
of the World Federation of Trade Unions. Sov.profsoiuzy 3 no.11:
64-67 N '55. (MIRA 9:1)

(World Federation of Trade Unions)

BAKASHOVA, L.

Militant organization of workers. ("World Federation of Trade Unions
in the struggle for unity of workers action" by A. Balmashnov. Re-
viewed by L. Bakashova). Sov. profsoiuzy 5 no.5:92-93 My '57.
(World Federation of Trade Unions) (MIRA 10:6)

BAKASOVA, R.; ATAYEVA, Ch.; kand. ekon. nauk, red.; MAYOROVA, Yu.M.,
red. izd-va; KHARITONOVA, Ye.I., red. izd-va; MIROYEDOVA,
A.N., tekhn. red.

[From the history of economic thought in Turkmenistan in the
18th century] Iz istorii ekonomicheskoi mysli v Turkmenistane v
XVIII veke. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1961.
89 p. (MIRA 15:6)

(Turkmenistan--Economics)

DRUZHININ, I.G.; BAKASOVA, Z.; ARBAYEV, S.A.; IMANAKUNOV, B., otv.red.;
VOZHEYKO, I.V., red.izd-va; ANOKHINA, M.G., tekhn. red.

[Reaction of saccharose with sodium, potassium, calcium, and
magnesium] Vzaimodeistvie sakharozy s khlordami natriia,
kaliia, kal'tsiia i magniia. Frunze, Izd-vo Akad.nauk
Kirgizskoi SSR, 1962. 145 p. (MIRA 16:4)
(Sucrose) (Chlorides)

BAKASOVA, Zaryl, Cand Chem Sci --(diss)"Study of chemical inter-
action ~~with~~ ^{between} saccharose ~~and~~ ^{and} chlorides of calcium and mag-
nesium." Frunze, 1959. 12 pp (Acad of Sci Uz SSR. Inst of
Chemistry of Polymers. Inst of ^{the} Chemistry of Vegeta~~le~~ Substances);
125 copies (KL, 30-59, 118)

- 2 -

DRUZHININ, I.G.; BAKASOVA, Z.; ARBAYEV, S.A.; IMANAKUNOV, B., otv. red.;
VAZHEYKO, I.V., red. izd-va; ANOKHINA, M.G., tekhn. red.

[Reaction of saccharose with sodium, potassium, calcium, and
magnesium chlorides] Vzaimodeistvie sakharozy s khlordami nar-
tiia, kaliia, kal'tsiia i mgnia. Frunze, Izd-vo Akad. nauk
Kirgizskoi SSR, 1962. 145 p. (MIRA 16:2)
(Sucrose) (Alkali metal chlorides)
(Alkaline earth chlorides)

BAKASOVA, E.

P. 2

PHASE I BOOK EXPLOITATION

SOV/3618

Akademiya nauk Kirgizskoy SSR

Izvestiya. Seriya yestestvennykh i tekhnicheskikh nauk, tom 1, vyp. 1
(News. Series on Natural and Technical Sciences, Vol 1, No. 1)
Frunze, 1959. 164 p. 500 copies printed.

Ed.: F.T. Kashirin; Tech. Ed.: M.G. Anokhina.

PURPOSE: This book is intended for research scientists and teachers in institutes of higher education who may be interested in developments and research trends in various scientific fields.

COVERAGE: The book contains 12 articles by persons affiliated with the Academy of Sciences Kirgiz SSR on studies in physical chemistry, industrial chemistry, applied physics (blasting dynamics), electric power engineering, electronics, agronomy, metallurgy, pure mathematics, etc. A bibliography of 1957 publications of the Academy includes works on history, archeology, economics, linguistics, literature, geology, biological sciences (botany, zoology, medicine), and technology. No personalities are mentioned. References accompany most of the articles.

Card 1/3

News. Series (Cont.)

SOV/3618

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News. Series (Cont.)

SOV/3618

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Erman, L.M., and M.M. Gerasimova. Bibliography of Publications of the Kirgiz SSR Academy of Sciences in 1957 145

AVAILABLE: Library of Congress (Q 60.A516A2)

Card 3/3

TM/jb
6-7-60

AYMUKHAMEDOVA, Mariya (Gul'sum) Buranovna; RUKAVISHNIKOVA,
Yelizaveta Prokhorovna; BAKASOVA, Z., otv. red.;
RASPONOMAREVA, V.I., red.

[Chemical control of the processes of production of
glutamic acid, betaine, and their derivatives by the ion
exchange method] Khimicheskii kontrol' protsessov poluche-
niia glutaminovoi kisloty, betaina i ikh proizvodnykh io-
noobmennym metodom. Frunze, Izd-vo AN Kirg.SSR, 1963. 57 p.
(MIRA 17:4)

AYMUKHAMEDOVA, Mariya (Gal'sam) Buranovna; SEMUKHINA, Ninel'
Petrovna; BAKIROVA, Z.B., otv. red.

[Pectic substances and methods of their determination]
Pektinovyie veshchestva i metody ikh opredeleniia. Frunze,
Izd-vo "Ilim," 1964. 118 p. (MIRA 17:11)

BAKASTOV, S.S.

Effect of sewage from Cherepovets on the temperature of the adjacent
part of Rybinsk Reservoir. Biul.Inst.biol.vodokhran. no.11:57-60 '61.
(MIRA 15:8)

1. Institut biologii vodokhranilishch AN SSSR.
(CHEREPOVETS--SEWAGE DISPOSAL) (RYBINSK RESERVOIR--TEMPERATURE)

BAKASTOV, S.S.

Some data on the hydrology of the Oka River from Kaluga to the
estuary. Trudy Zool. inst. 32:11-23 '64. (MIRA 17:11)

BAKASTOV, V. N.

CHERKINSKIY, Boris Mendeleyevich; TOKAREV, Dmitriy Georgiyevich; SHAPKIN, Il'ya Fedorovich; ZOTOV, Petr Petrovich; SIMKIN, M.Ye., redaktor; PLEMYANNIKOV, M.N., redaktor; BAKASTOV, V.N., retsenzent; BRAZHKIN, M.I., retsenzent; MOTORIN, I.V., retsenzent; RATTEL', K.N., retsenzent; SHVYREV, S.S., retsenzent; NEKRASOVA, O.I., tekhnicheskij redaktor

[Manual of power engineering for the textile industry] Spravochnik energetika tekstil'noi promyshlennosti. Moskva, Gos.nauchno-tekhn. izd-vo Ministerstva tekstil'noi promysh. SSSR. Vol.2. [Thermotechnics] Teplotekhnika. Pod red. M.E. Simkina. 1955. 510 p. (MIRA 9:2)
(Thermodynamics)

BAKASTOV, V.N., inzhener.

Misinterpretation of the most important problem. Izobr. v SSSR 1
no.4:25-26 0 '56. (MLRA 10:3)
(Inventions--Estimates and costs)

BAKASTOV, V.N., inzhener.

Desirable changes in the "Regulations on remuneration for inventions,
technical improvements, and efficiency suggestions." Izobr. v SSSR
2 no.4:25-28 Ap '57. (MIRA 10:6)
(Patent laws and legislation)

BAKASTOV, V.N., inzh.

Inventing and efficiency promotion in the enterprises of
Czechoslovakia (to be continued). Izobr.v SSSR 2 no.10:41-43
O '57. (MIRA 10:11)
(Czechoslovakia--Inventions) (Czechoslovakia--Efficiency,Industrial)

Бакастов, В.Н.

BAKASTOV, V.N., inzh.

Inventing and efficiency promotion in enterprises of Czechoslovakia.
Изобр.в СССР 2 no.12:43-45 D '57. (MIRA 10:12)
(Czechoslovakia--Inventions) (Czechoslovakia--Incentives in industry)

BAKASTOV, V.

Reasonable generosity. Izobr. i rats. no.11:44-45 N '60.

(MIRA 13:10)

(Technological innovations)

GIRSHIN, Pinkhos Izrailevich; BAKASTOV, V.N., retsenzent; KALININA, M.N.,
red.; SHVETSOV, S.V., tekhn. red.

[How to calculate economy resulting from the practical applica-
tion of inventions and efficiency proposals in the textile
industry] Metody podscheta ekonomii ot vnedrenia izobretanii i
ratsionalizatorskikh predlozhenii v tekstil'noi promyshlennosti.
Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 125 p.

(MIRA 14:7)

(Textile industry—Costs) (Inventions, Employees)

BAKASTOV, V.

Is your suggestion useful? Izobr.i rats. no.12:42-43 D '60.
(MIRA 13:12)

1. Chlen Komiteta po delam izobreteniy i otkrytiy pri Sovets
Ministrov SSSR.

(Technological innovations)

BAKASTOV, V., inzh.

Formulation of the invention should be simple. Izobr. i rats.
no. 5:38-39 My '61. (MIRA 14:5)
(Technological innovations)

ANGARSKIY, Viktor Vinediktovich; KUZNETSOV, S.T., retsenzent;
BAKATIN, V.A., retsenzent; ARKHIFOV, N.A., otv. red.;

[Metal and precast reinforced concrete mine supports in the
Kuznetsk Basin] Metallicheskaia i sbornaia zhelezobonnaia
krep' shakht Kuzbassa. Moskva, Izd-vo "Nedra," 1964. 211 p.
(MIRA 17:7)

BAKAURI, N.G.; SHUYKIN, N.I.

Contact catalytic conversion of normal tridecane and hexadecane
under pressure in a hydrogen atmosphere. Soob. AN Gruz. SSR 21
no.4:421-428 0 '58. (MIRA 12:4)

1. AN GruzSSR, Institut khimii im. P.G. Melikishvili. Predstavleno
chlenom-korrespondentom Akademii G.V. TSitsishvili.
(Tridecane) (Hexadecane)

BAKAY, H.

81. A method for the artificial cooling of the cooling air of alternators. (In German) A. Bakay, L. Szűcs, *Periodica Polytechnica, Electrical Engineering*, Vol. 2, 1958, No. 1, pp. 39-46, 2 figs.

3

As a measure for overcoming problems of cooling alternators it is suggested that artificially cooled air or hydrogen be used for dissipating loss heat arising in the alternators instead of cooling water. The arrangement of a steam ejector-type cooling machine is described that is simple of design and can be readily installed in any heat-engine power station. Strength calculations for alternators equipped with artificial cooling are also published. The computations take into account the increase in the life of the machines equipped with cooling; the type of cooling applied; the conditions of load and the original strength calculations. The described calculation is a decisive aid for choosing the most adequate cooling system.

RP
11

BAKAY, A.

Recent development in the air cooled condensing equipment "System Heller" and the slotted rib heat exchangers "System Farago".
Periodica polytechn eng 5 no.3:299-306 '61.

1. Thermotechnical Design office.

(Air conditioning) (Heat exchangers)

BAKAY, Arpad

Up-to-date cooling water saving possibilities. Hidrológiai
közlemények 42 no.6:490-492 D '62.

1. Hőenergiagazdasági és Tervező Vállalat, Budapest.

BAKAY, A.F., aspirant; PROKOF'YEVA, M.T., doktor veter. nauk, nauchnyy
rukovoditel' raboty

Survival of poultry Mycoplasmas in deep litter kept unchanged
for a long period. Veterinariia 42 no.8:103-105 Ag '65.
(MIRA 18:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy
veterinariii.

BAKAY, A.S.; LITVINENKO, A.S.

Fifth All-Union Intercollegiate Conference on the Theory of
Elementary Particles. Atom. energ. 16 no.6:539-540 Je '64.
(MIRA 17:7)

BAKAY, A.S.

Escape of particles from a storage device due to the
instability of the amplitude and frequency of the compen-
sating field. Atom. energ. 19 no.4:386-388 0 '65.
(MIRA 18:11)

L 3623-66 EWT(m)/EPA(w)-2/EWA(m)-2 IJP(c)

ACCESSION NR: AP5024025

UR/0057/85/035/009/1525/1531

AUTHOR: Bakay, A.S.; Lyubarskiy, G.Ya.; Rozhkov, V.V.

36
B

TITLE: Asymptotic solution of a diffusion problem and its application to the theory of cyclic particle-storage devices

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 9, 1965, 1525-1531

TOPIC TAGS: particle motion, particle scatter, cyclic accelerator, physical diffusion, stochastic process, mathematic method, mathematic operator

ABSTRACT: The authors show largely by verbal arguments that if a system has an asymptotically stable orbit and is destroyed when its representative point crosses a certain closed surface in phase space, then under certain conditions its mean life time when it is subjected to stochastic forces can be calculated by finding the smallest eigenvalue and the corresponding eigenfunction of the Fokker-Planck-Kolmogorov operator that describes its motion. This method is employed to calculate the mean lifetime of a charged particle in a storage ring when it is subjected to stochastic forces arising from collisions with residual gas molecules and from the quantum nature of the radiation process. The equations for the radial and the

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L 3623-66

ACCESSION NR: AP5024025

phase oscillations are assumed to linear and the stochastic forces to be uncorrelated. The corresponding Fokker-Planck-Kolmogorov operator is derived and it is shown that the eigenvalue problem allows of separation of variables. The smallest eigenvalue and its eigenfunction are calculated by a perturbation method that depends on the damping constants in the equations of motion being large. Formulas are presented for the distribution of the accumulated particles and for the mean lifetime of a particle. Orig. art. has; 47 formulas.

ASSOCIATION: none

SUBMITTED: 17Oct64

ENCL: 00

SUB CODE: NP

NR REF SOV: 002

OTHER: 000

beh

Card 2/2

L 44163-66 E.T(d)/P 1 IJP(c)

ACC NR: AP6023966

SOURCE CODE: UR/0376/66/002/004/0479/0491

AUTHOR: Bakay, A. S.

34
35
B

ORG: Physics-Engineering Institute, AN UkrSSR (Fiziko-tekhnicheskiy institut AN UkrSSR)

TITLE: Resonant effect in nonlinear systems

SOURCE: Differentsial'nyye uravneniye, v. 2, no. 4, 1966, 479-491

TOPIC TAGS: nonlinear differential equation, nonlinear theory, resonator, oscillator theory

ABSTRACT: The study of nonlinear systems subjected to outside forces is vary difficult, hence the author selected a system which can be simply and thoroughly described and which permits the investigation of effects caused by nonlinearity. An oscillator whose frequency ω depends on its energy is subjected to an external sinusoidal force with a slowly changing frequency ν and amplitude. The amplitude is such that $\Delta\omega/\omega \ll 1$, where $\Delta\omega$ is the change in frequency per one oscillation period. The presentation of the basic and averaged equations is followed by an extensive study of the oscillators in the absence of friction and with constant parameters of the external force, in the presence of friction, and when the driving force parameters become variable. Constant force parameters yield asymptotically stationary states; the variable parameter case is handled by means of adiabatic

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UDC: 517.934

L 44163-66

ACC NR: AP6023966

invariants yielding limiting states of the system, some of which are stable. An adiabatic change in v may lead to an adiabatic change in ω . The author thanks G. Ya. Lyubarskiy for numerous discussions and valuable advice. Orig. art. has: 64 formulas and 3 figures.

SUB CODE: 20, 12/ SUBM DATE: 06Jul65/ ORIG REF: 004

AS
Card 2/2

BAKAY, Endre, dr.; GURIN, Jozsef, dr.

Multiple bone necrosis due to caisson disease. Orv.hetil. 102 no.35:
1653-1655 27 Ag '61.

1. Budapesti Orvostudományi Egyetem, Orthopaediai Klinika.

(DECOMPRESSION SICKNESS compl)
(BONE DISEASES etiol)

BAKAY, Endre, dr.; PINTER, Jozsef, dr.

Experiences with narcosis in children. Orv. hetil. 103 no.37:1743-1746
16 S '62.

1. Budapesti Orvostudományi Egyetem, Orthopaediai Klinika.
(ANESTHESIA) (ANESTHESIA, INHALATION)
(CHILD) (TRICHLOROETHYLENE)

BAKAY, I.

Synthetic resin adhesives used in the wood industry, p. 139. FAIPAR,
(Faipari Tudomanyos Egyesulet) Budapest, Vol. 6, No. 7, July 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

BAKAY, I. M. Doc Cand Agr Sci -- (diss) "Main problems of
irrigation and ^{agr technology} ~~technical agronomy~~ ^{under} of sugar beets ~~in~~ condi-
tions of Kuybyshevskaya Oblast." Mos, 1957. 29 pp 19 cm.
(All-Union Scientific Research ^{Inst of} Fertilizers and ^{Ag} Soil Science),
~~Inst~~, 100 copies
(KL, 21-57, 104)

-76-

COUNTRY : USSR
CATEGORY : Cultivated Plants - Industrial, Oleiferous, Sugar. M
RES. JOUR. : RZhBiol., No.14, 1958, No.63507
AUTHOR : Bakay, I. M.
INST. : All-Union Academy of Agricultural Sciences imeni Lenin.
TITLE : Some Problems of Agricultural Technique and Fertilization
of Sugar Beets on the Irrigated Lands of Kuybyshevskaya
Oblast'.
ORIG. PUB. : Dokl. VASKhNIL, 1957, No. 4, 14-17
ABSTRACT : Field experiments conducted in 1952-1953 at Timashevskiy
beet sovhoz in Kuybyshevskaya oblast' showed that on
plantings of sugar beets with irrigation, 4 cultivations
(one prior to the start of irrigation; the remaining ones -
after irrigations) should be carried out. Each successive
cultivation should be deeper than the preceding ones.
Performance of deep (deeper than 13 cm) and shallow (to 3
cm) cultivations is inexpedient. Application of dressings,
timely cultivations and spaces of 60 cm between the rows
on an area of 400 ha secured in 1953 an increase in the
yield by 79% in comparison with 1951. -- A. M. Smirnov

Card: 1/1

113

USSR/Cultivated Plants - Commercial. Oil-bearing. Sugar-bearing.

Abs Jour : Ref Zhur - Biol., No 19, 1950, 44259

Author : Bakov, I.M.

Inst :

Title : Best Irrigation Under the Conditions of Kuibyshevskaya Oblast.

Orig Pub : Salsannaya svetla, 1957, No 4, 19-24.

Abstract : The field experiments on the collective farm "Timashevsky" in the Kuibyshevskaya Oblast conducted on slightly and highly leached chernozems confirmed the great economic effectiveness of best sowing. The sowings of best were distributed over perennial grasses, spring wheat and potatoes. The irrigation increased the yield by 3-4 times and assured steady crops of 500-600 centners/ha. Not less than 3-4 waterings should be made. The highest yield is secured by maintaining high moisture level (72-100% of the moisture capacity of the field) during the entire period

Card 1/2

- 128 -

BAKAY, I.M.

Some problems in cultivating and fertilizing sugar beets on irrigated soils in Kuybyshev Province. Dokl. Akad. sel'khoz. 22 no. 4:14-17 '57
(MIRA 10:6)

1. Timashevskiy sveklosovkhov Kuybyshevskoy oblasti. Predstavlena akademikom I.I. Samoylovym.
(Kuybyshev Province--Sugar beets)

BAKAY, I.M.

Beet seed growing in Kuybyshev Province. Sakh. prom. 31 no.1:(8-69
Ja '57. (MIRA 10:4)

(Kuybyshev Province--Sugar beets)

BAKAY, I.P.

Comments on teaching machine-shop practice. Politekh. obuch. no.1:
88-89 Ja '57. (MIRA 10:4)

1. Iz opyta raboty sredney shkoly no.9 g. Cherkesska Stavropol'skogo
kraya. (Machine-shop practice)

BAKAY, I.P. (Khar'kov)

Connection between the teaching of physics and mathematics in school.
Mat. v shkole no.3:39-43 My-Je '59. (MIRA 12:9)
(Physics--Study and teaching) (Mathematics--Study and teaching)

САТАЙ, I.P. (Khar'kov)

Electric equipment for laboratory tables. Fiz. v shkole 19 no.1:104-106
Ja-F '59. (MIRA 12:3)
(Physical laboratories--Equipment and supplies)

BELADI, I.; BAKAY, M.

Persistent pseudorabies virus infection in calf cells. Acta virol. [Praha][Eng] 7 no.5:477 S '63.

1. Institute of Microbiology, University Medical School, Szeged, Hungary.

(HERPESVIRUS) (VIRUS CULTIVATION)
(TISSUE CULTURE)

OLEFIRENKO, V.; D'YACHENKO, M.; KACHAN, L.; BROVIN, S. (Gor'kiy);
SOKOLOV, A. (Sverdlovsk); LYUBARSKIY, S. (g.Odessa);
KARAS', P. (g.Odessa); BAKAY, P.

Letters and correspondence. Sov. profsoiuzy 17 no.23:39-40
D '61. (MIRA 14:12)

1. Predsedatel' Azovskogo gorkoma profsoyuza rabotnikov gosuchrezhdeniy (for Olefirenko).
2. Instruktor Rostovskogo obkoma profsoyuza rabotnikov gosuchrezhdeniy (for D'yachenko).
3. Neshtatnyy korrespondent zhurnala "Sovetskiye profsoyuzy", g. Vitebsk (for Kachan).
4. Predsedatel' komissii okhrany truda Simferopol'skogo kozhevenno-obuvnogo kombinata imeni Dzerzhinskogo (for Bakay).
(Trade unions) (Community centers)
(Simferopol--Shoe industry--Hygienic aspects)

BAKAY, S., kand. biol. nauk

On deep bedding. Nauka i pered. op. v sel'khoz. 9 no. 3:31-
33 Nr '59. (MIRA 12:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva
stapnykh rayonov imeni M.F. Ivanova.
(Poultry houses and equipment) (Litter (Bedding))

BAKAY, S. M.

BAKAY, S. M.- "Toxic and Non-toxic Variants of Mold Mushroom *Stachybotrys alternans* Bon." Min of Higher Education USSR, Khar'kov Order of Labor Red Banner State U imeni A. M. Gor'kiy, Khar'kov, 1955 (Dissertations For the Degree of Kandidat of Biological Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

GLADENKO, I.N., kand. vet. nauk; SHMIDOV, P.N., ml. nauchnyy sotrudnik;
BAKAY, S.M., kand. biol. nauk; ZIMOGLYAD, N.A., kand. vet. nauk

Incidence of disease among cattle eating plenty of corn.
Veterinariia 35 no. 7:73-77 J1 '58. (MIRA 11:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy
veterinariii (for Gladenko, Shmidov). 2. Nikolayevskaya gosudarstvennaya
sel'skokhozyaystvennaya opyt'naya stantsiya (for Bakay). 3. Khar'kovskiy
veterinaruyy institut (for Zimoglyad).

(Cattle--Diseases and pests)

(Corn(Maize))

BAKAYA, G.I.

Changes in the electrical activity of the sensorimotor system
of the brain during stimulation of the tactile cerebellar area.
Trudy Inst. fiziol. AN Gruz. SSR 14:101-106 '65.

(MIRA 18:10)

REMINICZKY, Karoly; KISS, Arpad, dr.; PESTA, Laszlo, dr.; MORIK, Jozsef, dr.; KAPOS, Vilmos, dr.; SZABO, Lajos, dr.; BIRO, Zsigmond, dr.; GULACSY, Bela (Budapest); ROMAN, Istvan; GAJZAGO, Laszlo; NAGY, Imre; PINTER, Antal; VADASZ, Elemer, dr.; KONCZ, Istvan, dr.; PUTNOKI, Janos; JANCZO, T.; BAKAY, T.; MORY, B., dr.; VERES, L.; KASZO, L.; OSZTROVSZKI, Gyorgy, dr.

The first Hungarian aerosol conference. Epuletgepeszet 14 no.1:
29-31 F '65.

1. President, National Committee on Technical Development, Budapest (for Kiss).
2. Deputy Chairman, Budapest City Executive Committee (for Pesta).
3. National Institute of Public Health, Budapest (for Morik).
4. Public Health and Medical Clinic for Contagious Diseases, Budapest (for Kapos).
5. Public Health and Medical Clinic for Contagious Diseases, Pecs (for Szabo).
6. Public Health and Medical Clinic for Contagious Diseases, Miskolc (for Biro).
7. Kelenfold Heat Power Plant Enterprise, Budapest (for Roman).
8. National Meteorological Institute, Budapest (for Gajzago).
9. National Power Economy Authority, Budapest (for Pinter and Vadasz).
10. Research Institute of Heat Engineering, Budapest (for Koncz).
11. Research Institute of Heavy Chemical Industry (for Mory).
12. Fuel Trade Enterprise, Budapest (for Kaszo).
13. Deputy President, National Committee on Technical Development, Budapest (for Osztrovszki).

BAKAYAN 6-6

Metal

1266* *1266** Nature of Tertiary Intermetallic Phases in Magnesium-Copper-Zinc, and Magnesium-Copper-Nickel, Systems (O khimicheskoi prirode troinykh intermetallicheskikh faz v sistemakh magnii-med'-tsink i magnii-med'-nikel'. V. I. Mikheeva and G. G. Bekajan. *Doklady Akademii Nauk SSSR* 1959 no. 4 Aug. 1, 1958 p. 785-786
Comparison of these ternary systems with the binary system of alloys

2

BAKAYEV, A.A., inzh.; KHILYUK, F.M., kand.ekon.nauk(Kiyev)

Improve the interrelationship between different kinds of transportation in the Ukrainian S.S.R. Zhel.dor.transp. 41 no.6:
20-25 Je '59. (MIRA 12:9)
(Ukraine--Transportation)