

BYCHKOVSKAYA, O.V.; BAZHEDEKOVA, M.A.; BABINA, N.S.; BOGDANOV, G.F.;
SEMENOVA, N.S.

Effect of some acridine derivatives on the poliomyelitis and murine
encephalomyelitis viruses. Vop. virus. 6 no.6:736-738 N-D 61.

(MIRA 15:2)

1. Sverdlovskiy nauchno-issledovatel'skiy institut po profilaktike
poliomiyeleta.

(ENCEPHALOMYELITIS)

(POLIOMYELITIS)

(ACRIDINE)

BYCHKOVSKAYA, O.V.; BAZHEDOMOVA, M.A.; BABINA, N.S.; IVANOVA, O.D.;
KISELEVA, L.F.; NEZNANSKAYA, I.I.

Increase of the antibody titer in two-stage immunization against
poliomyelitis with a live vaccine. Vop. virus. 7 no.2:241 Mr-Ap '62.
(MIRA 15:5)

1. Sverdlovskiy institut po profilaktike poliomyelita.
(POLIOMYELITIS--VACCINATION)

BAZHENIN, I G

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632.809
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Primenie udobreniy na dernovo pozolistyki pochvakh (na primere kalingradskoi)
(The Use of Fertilizers in Grassy, Saline Soils. (For example in Kaliningrad
Oblast), by) V. V. Tserling i I. G. Bazhenin. Moskva, Akademkniga, 1954.

207 p. (Akademiya nauk SSSR. Pachvenny institut. Kalingradskaya kompleksiyaya
ekspeditsiya. Nauchno--populayarnaya seriya.)

BAZHENIN, I.G.; KARASEVA, G.I.

Forms of potassium in soil and potassium nutrition of plants. Poch-
vovedenie no.3:11-21 Mr '59. (MIRA 12:11)
(Plants--Nutrition) (Potassium)

BAZHENOV, A.

Mechanization replaces manual labor. Sov.profsoiuzy 16 no.13:18-
20 JI '60. (MIRA 13:8)

1. Predsedatel' zavkoma moskovskogo priborostroitel'nogo zavoda
"Manometr."

(Automatic control)

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BAZHENOV, A.D., elektroslesar'; TERESHCHENKO, V.I., elektroslesar'

How we have increased the reliability of the electric equipment
of diesel locomotives. Elek. i tepl. tiaga 7 no.4:17 Ap '63.
(MIRA 16:5)

1. Zagotovitel'noye otdeleniye depo Orsk Kuybyshevskoy dorogi.
(Diesel locomotives—Electric equipment)

SIDORENKO, L.N.; BAZHENOV, A.G.

Cancer of the stomach in a patient with situs viscerum inversus totalis. Vop. onk. 10 no.10:102-103 '64.

(MIRA 18:8)

1. Iz kafedry onkologii gosudarstvennogo instituta dlya usovershenstvovaniya vrachey im. Kirova (zav. kafedroy - chlen-korrespondent AMN SSSR prof. A.I.Rakov) na baze Instituta onkologii AMN SSSR (direktor - doystvitel'nyy chlen AMN SSSR, prof. A.I.Serebrov). Adres avtorov: Leningrad, Pesochnoye, 2, Leningradskaya ul., 68, Institut onkologii AMN SSSR.

BAZHENOV, A.G.

Cast and welded flasks. Lit. proizv. no.2:47 P '65.

(MIRA 18:6)

BAZHENOV, A.G.; DOMINIKOVSKIY, G.G.

Cumingtonite from the Il'men Mountains. Trudy Inst. geol.
UFAN SSSR no.70:71-77 '65. (MIRA 18:12)

BAZHENOV, A.G.

Gahnite from pegmatites containing amazonite in the Il'men
reservation. Trudy Inst. geol. UFAN SSSR no.70:257-259 '65.
(MIRA 18:12)

BAZHENOV, A. I, insh.; ZAIKINA, V., insh.; IPPOLITOVA, V., insh.

Device for erecting reinforced concrete columns. Na stroi.
Mosk. 2 no.8:30 Ag '59. (MIRA 12:12)

1. Stroitel'nyy uchastok-19 tresta Mosstroy No.4.
(Columns, Concrete)

BAZHENOV, A.I., 1961.

Effect of double grinding of cements and adding soft ashes on the strength of mortars. Spoz. LIIZHT no.157:76-84 '69. (MIRA 11:11)
(Mortar)

BAZIENOV, Aleksey Ivanovich; LEVENSHTEYN, G.V., red.; SAVCHENKO,
Ye.V., tekhn. red.

[Quantum radio physics, a new science] Novaia nauka -
kvantovaia radiofizika. Moskva, Izd-vo "Znanie," 1961. 3/4 p.
(Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet,
no.25) (Radio) (Microwaves) (MIRA 15:3)

FABRIKANT, Valentin Aleksandrovich, prof., doktor fiziko-matem. nauk; CHERENKOV, Pavel Alekseyevich, prof., doktor fiziko-matem. nauk, laureat Nobelevskoy premi; GALANIN, Mikhail Dmitriyevich, prof., doktor fiziko-matem. nauk; KUZNETSOV, Ivan Vasil'yevich; TOLSTOY, Nikitja Alekseyevich, prof., doktor fiziko-matem. nauk; VINTER, Aleksandr Vasil'yevich, akademik [deceased]; BARDIN, Ivan Pavlovich, akademik [deceased]; BAZHENOV, A.I., FANBOYM, I.B., red.; RAKITIN, I.T., tekhn. red.

Sergei Ivanovich Vavilov; sbornik. Moskva, Izd-vo "Znanie," 1961. 43 p. (Vsesoyuznaya obshchestvo po rasprostraneniya politicheskikh i nauchnykh znani. Ser.9, Fizika i khimija, no.10) (MIRA 14:7)

(Vavilov, Sergei Ivanovich, 1891-1951)

BAZHENOV, A. I. Cand Geol-Min Sci -- (diss) "Mineralogy and geology of
the Karagem cobalt deposit^h." Tomsk, 1958. 15 pp (Min of Higer Education
USSR. Tomsk Order of Labor Red Banner Polytechnic Inst im ^SA. M. Kirov),
100 copies (KL, 36-58, 110)

~~BAZHENOV, A.I.~~

Cobalt and nickel minerals in the Karagen deposit (southwestern Altai). Nauch.dokl.vys.shkoly; geol.-nauki no.4:169-176 '58.
(MIRA 12:6)

1. Tomskiy politekhnicheskii institut, kafedra mineralogii.
(Karagen Valley--Cobalt mines and mining)
(Karagen Valley--Nickel mines and mining)

BAZHENOV, A.I.

Smolyaninovite from the Gornyy Altai. Izv. TPI 90:112-118 '58.
(MIRA 12:2)

1. Predstavleno professorom A.M. Kuz'minym.
(Altai Mountains--Smolyaninovite)

BAZHENOV, A.I.

Rare earth epidote from the southeastern part of the Altai. Izv.
TPI 90:119-129 '58. (MIRA 12:2)

1. Predstavleno professorom A.M. Kus'minym.
(Altai Mountains--Epidote)

BAZHENOV, A. I.

Transvealite from a deposit of the southeastern Altai Mountains.
Zap. Vses. min. ob-va 88 no.6:715-720 '59. (MIRA 13:8)

1. Kafedra mineralogii Tomskogo politekhnicheskogo instituta.
(Altai Mountains--Transvealite)

BAZHENOV, A.I.

Migration of cobalt in the oxidation zone of sulfarsenide deposits.
Geol. rud. mestorozh. no.3:114-117 My-Je '60. (MIRA 13:7)

1. Tomskiy politekhnicheskiy institut.
(Cobalt) (Oxidation)

BAZHENOV, A.I.

Zoning of contact,metasomatic preskarn formations as revealed by
the southeastern part of the Iyedygem intrusive massif in the
Gornyy Altai. Izv.vys.ucheb.zav.; geol.i razv. 5 no.1:48-59
Ja '62. (MIRA 15:2)

1. Tomskiy politekhnicheskiy institut imeni S.M.Kirova.
(Altai Mountains--Metasomatism)

BICH, Ya.A., kand.tekhn.nauk; BAZHENOV, A.I., inzh.

Results of testing the mechanical properties of coal seams in
Kemerovo and Prokop'evsk region mines of the Kuznetsk Basin.
Ugol' 38 no.3:28-32 Mr '63. (MIRA 18:3)

BAZMENOV, A. K.

Dissertation defended for the degree of Candidate of Philosophical Sciences
at the Institute of Philosophy

"Criticism of the Philosophical Sociological Views of A. Kasco."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

BAZHENOV, A.M. (Ulan-Ulde, ul. Pavlova, d.9, kv.11); NAZAROV-RYGDYLON, V.E.

Tumor of trachea causing asphyxia in thyroidectomy. Vest. khir. 92
no.1:104-105 Ja '64. (MIRA 17:11)

1. Iz otorinolaringologicheskogo (sav. - A.M. Bazhenov) i khirurgi-
cheskogo otdeleniya (sav. - V.V. Baldynov) Respublikanskoy bol'nitsy
(glavnyy vrach - zasluzhennyy vrach RSFSR Z.B. Badmayeva) Buryatskoy
ASSSR, Ulan-Ude.

BAZHENOV, A.N., dotsent; FEKLISTOV, M.N., kand.veterin.nauk

Oxidation-reduction processes in the organisms of dairy cows in
acetonemia and osteodystrophy. Veterinariia. 37 no.11:58-60 N '60.
(MIRA 16:2)

1. Leningradskiy veterinarnyy institut.
(Cows--Diseases and pests) (Oxidation, Physiological)

PROTASOV, A.I., dotsent; SINEV, A.V., prof.; SMIRNOV, A.M., dotsent;
~~BAZHENOV, A.N., dotsent; VIL'NER, A.M., prof.; BASHMURIN, A.P.,~~
dotsent; SHAKALOV, K.I., prof.; VELLER, A.A., prof.; NIKANOROV,
V.A., prof.; FEDOTOV, V.P., dotsent; KUZNETSOV, G.S., prof.;
BOCHAROV, I.A., prof.; SHCHERBATYKH, P.Ya., prof.; TSION, R.A.,
prof.; GRIBANOVSKAYA, Ye.Ya., dotsent; ADAMANIS, V.F., assistant;
KOLABSKIY, N.A., dotsent; MITSKEVICH, V.Yu., dotsent; GUSEVA, N.V.,
dotsent; MYSEKIN, P.P., dotsent; GUBAREVICH, Ya.G., prof.;
FEDOTOV, B.N., prof.; DOBIN, M.A., dotsent; SIROTKIN, V.A., prof.
[deceased]; KUZ'MIN, V.V., prof.; YEVDOKIMOV, P.D., prof.; POLYAKOV,
A.A., prof.; POLYAKOV, P.Ya., red.; BARANOVA, L.G., tekhn.red.

[Concise handbook for the veterinarian] Kratkii spravochnik veteri-
narnogo vracha. Leningrad, Gos.isd-vo sel'khoz.lit-ry, 1960. 624 p.
(MIRA 13:12)

(Veterinary medicine)

BAZHENOV, A.N., dotsent

Electrocardiography in the diagnosis of food poisoning in cattle.
Veterinariia 38 no.8:53 Ag '61 (MIRA 18:1)

1. Leningradskiy veterinarnyy institut.

RYSS, M.A.; DMITRIYEVA, G.V.; SMIRNOVA, A.S.; Prinimeli uchastiye:
RUKAVISHNIKOVA, V.V.; KOTEL'NIKOVA, I.A.; ZHIVYKH, T.I.; BAZHENOV, A.N.;
MEL'NIKOV, A.V.

Ways of improving the performance characteristics of electrodes
for steel smelting furnaces. Stal' 25 no.5:423-425 My '65.
(MIRA 18:6)

RYSS, M.A.; DMITRIYEVA, G.V.; SMIRNOVA, A.S.; Primali uchastiye:
RUKAVISHNIKOVA, V.V.; KOTEL'NIKOVA, I.A.; ZHIVYKH, T.I.;
~~BAZHENOV, A.H.~~ MEL'NIKOV, A.V.

Ways of improving the performance characteristics of electrodes
for steel smelting furnaces. Stal' 25 no.5:423-425 My '65.
(MIRA 18:6)

BAZHENOV, A.P.; KUZINA, T.M.; PYATACHKOV, B.I.; ROMANOVA, T.M.

"Heat using equipment in the cotton industry" by V.P.Samoilov.
Reviewed by Bazhenov and others. *Izv.vys.uceb.zav.; tekhn.tekst.prom.*
no.1:160-162 '63. (MIRA 16:4)

1. Ivanovskiy energeticheskiy institut imeni Lenina.
(Cotton manufacture—Equipment and supplies)(Heat engineering)
(Samoilov, V.P.)

BAZHKHOV, A.P.

Investigation of heat exchange in drying thin materials. Trudy MHI
no.28:147-156 '56. (MIRA 10:6)

(Drying)

BAZHENOV, A.P. Cand Tech Sci -- (diss) "Study of the coefficient of heat emission during the drying of thin materials." Mos, 1957. 15 pp 20 cm. (Min of Higher Education USSR. Mos Order of Lenin Power Engineering Institute V.M. Molotov.) 100 copies. (KL, 23-57, 112)

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BAZHEBOV, A. P., kand.tekhn.nauk

Heat exchange during the drying of thin materials. Sbor.nauch.
trud IBI no.8:98-113 '58, (MIRA 13:4)
(Drying apparatus)

BAZHENOV, H.P.

AUTHOR: Bazhenov, A.P. (Engineer) 94-2-5/27

TITLE: Intensifying the process of drying thin materials (Povysheniye intensivnosti protsessa sushki tonkikh materialov.)

PERIODICAL: Promyshlennaya Energetika, 1958, Vol.13. No.2. pp.15-17 (USSR)

ABSTRACT: A laboratory investigation was made into heat and mass exchange when drying cloth. The results were checked on an industrial scale. Drying tests were made on different kinds of cotton cloth in the temperature range 60 - 120°C, with air speeds of 0.5 - 2.0 m/sec. Convection-radiation drying was carried out with a radiator surface temperature of up to 350°C on pieces of cloth 650 x 900 mm and at higher temperatures on asbestos boards. The results of the investigations are graphed in Fig.1. and show that the intensity of evaporation is approximately proportional to the temperature difference between the medium and the surface of evaporation. The results confirm that transfer of evaporated substance at the surface takes place by effusion; the vapour molecules move independently of one another at the speed they had on leaving the surface of evaporation. A formula is given for heat exchange during evaporation. Results of investigations of the duration of drying, presented graphically in Fig.2. are used to consider the factors that govern the effectiveness of convective drying. At low temperatures (about 60°C) increasing the air speed is very effective, but it should not be raised above about 2 m/sec. At temperatures of about 100°C the

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Intensifying the process of drying thin materials.

94-2-5/27

air speed should not be greater than 1 m/sec. Even modern cloth-drying equipment does not fully exploit the possibility of speeding-up the drying process. At optimum air speed and temperature, the intensity of drying can be further increased by radiant heating in a convective drier. An equation is given for heat exchange in this case. The principles of combined radiant and convective drying are discussed and it is considered that this method is applicable to cloth, paper and other materials. Radiant-convective drying should be applied during the period of constant rate of drying, that is, while the temperature of the material is not much higher than the wet-bulb temperature. Even if the intensity of radiation is kept moderate, so that the material is not over-heated, the time of drying in existing equipment can be halved. There are 2 figures, 2 literature references(Russian).

AVAILABLE: Library of Congress.

1. Cloth-Dehydration-Test results

Card 2/2

BAZHENOV, A.P., kand.tekhn.nauk

Intensifying the drying processes of thin materials. Izv.vys.
ucheb.zav.; energ. 2 no.12:108-111 D '59. (MIRA 13:5)

1. Ivanovskiy energeticheskiy institut imeni V.I.Lenina.
Predstavlena konferentsiyey po promenergetika.
(Drying apparatus)

BAZHENOV, A.P., kand. tekhn. nauk, dots., red.; BROVKIN, L.A.,
kand. tekhn. nauk, dots., red.; ROMANOVA, T.M., kand.
tekhn. nauk, dots., red.; TROSHIN, P.V., kand. tekhn.
nauk prof., red.; SEMEIN, V.M., kand. tekhn. nauk, dots.
red.;

[Heat and mass transfer in industrial systems] Teplo-i
massobmen v promyshlennykh ustanovkakh; tematicheskii
sbornik. Yaroslavl', 1964. 86 p. (MIRA 18:12)

1. Ivanovo. Energeticheskii institut.

BAZHENOV, Agnespa Petrovna, doktor med. nauk; GORODILOVA, Vera Vladimirovna, doktor med. nauk; LAGUTINA, Ye.V., red.

[Malignant tumors] Zlokachestvennye opukholi. Moskva, Izd-vo "Znanie," 1965. 47 p. (Narodnyi universitet: Fakul'tet zdorov'ia, no.12) (MIRA 18:6)

BAZHENOV, A.S.; ZHURAVLEV, V.V.

**New electrical prospecting apparatus for work based on the
intensity method. Razved.i okh.nedr 22 no.7:49-54 J1 '56.
(MLRA 9:11)**

**1. Ministerstvo geologii i okhrany nedr SSSR.
(Prospecting--Geophysical methods) (Electric instruments)**

BAZHENOV, A.V., inzhener; SHALAYEV, N.B., inzhener.

Using shaft-type impact mills with metal collectors. Energetik 4
no.8:11-12 Ag '56. (Pulverizers) . (MIRA 9:10)

BAZHENOV, A.S.

Small pulse radio range finder. Biul. nauch.-tekh. inform.
VIMS no.2:44-48 '63. (MIRA 18:2)

1. Gosudarstvennyy geologicheskyy komitet SSSR.

REZNIKOV, I.L.; BAZHENOV, A.Ye.

Irregular current distribution and voltage loss in electrolytic
bath leads. TSvet.net.33 no.1:48-57 Ja '60.
(MIRA 13:5)

1. Nadvoitskiy alyuminiyevyy zavod.
(Electrolysis--Equipment and supplies)

NARYSHKIN, I.I.; BAZHENOV, A.Ye.

Polarography of melts with lithium and potassium chloride as
the support using a stationary electrode. *Sbur.prikl.khim.* 34
no.9:2102-2104 S '61. (MIRA 14:9)

(Polarography)

Bazhenov, B.A.

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PHASE I BOOK EXPLOITATION

SOV/6333

Bochkarev, V. V., ed.

Tekhnika izmereniye radioaktivnykh preparatov; sbornik statey (Techniques for the Measurement of Radioactive Preparations; Collection of Articles) Moscow, Gosatomizdat, 1962. 4600 copies printed.

Eds.: A. M. Smirnova and M. A. Smirnov; Tech. Ed.: S. M. Popova.

PURPOSE: This book is intended for specialists in nuclear instrumentation.

COVERAGE: The book is a collection of articles on recent developments in 1) measurement of the activity and 2) analysis of the composition of emissions of radioactive preparations. The methodology and apparatus used in these studies are described in detail. References are given at the end of each article.

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Ivanov, Yu. F., K. N. Shlyagin, and P. N. Feoktistov. Magnetic β - and γ -Spectrometers 156

Ivanov, Yu. F., I. A. Rumer, and K. N. Shlyagin. Magnetic Spectrometer BPP-3 168

Bashenov, V. A., Yu. M. Golubev, K. N. Shlyagin, P. N. Feoktistov, and G. V. Yakovlev. Scintillation γ -Spectrometer With a Multichannel Analyzer and a Unit for the Automatic Plotting of Spectra 182

Bashenov, V. A., Yu. M. Golubev, and K. N. Shlyagin. Scintillation Spectrometer Counter With Allowance for Dead-Time Effect 202

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KHRAPOV, A.Ya.; BEDAREV, V.I.; BAZHENOV, B.M.

Feeding castings with high-strength iron. Lit. proizv. no.9:40
S '64. (MIRA 18:10)

BEDAREV, V.I., inzh.; KHRAPOV, A.Ya., kand.tekhn.nauk, dotsent; BAZHENOV, B.M.,
inzh.

Stability of the results of inoculating magnesium into cast iron.
Vest.mashinostr. 44 no.12:57-59 D '64.

(MIRA 18:2)

BAZHENOV, B. P.

Problem of Ancient Glaciations in the Basin of the Zeya River

The author verifies the opinions expressed by A. A. Usov (Rosypni i rudy (Placers and ores), Nos 6, 7, 1931) and by V. K. Flerov (Tr. tresta Zolotorazvedka (Works of the Gold Prospecting Trust), No. 10, 1938) concerning the considerable development of ancient glaciations in the basin of the Zeya River. On the basis of special field investigations into the ancient glaciations in this territory the author concludes: the Zeya river basin contains several traces of ancient glaciation, the glaciation being of local character and coordinate with the mountain peaks; in form they were small glaciers of the present-day Ural type, and they had very small distribution. He asserts that in the entire Zeya river basin both cover glaciation and local (rather large) glaciation were absent. (RZhGeol, No. 4, 1955) Sh. statey Vses. zaoch. politekh. in-ta, No. 6, 1954, 33-39.

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

~~BAZHENOV, B.P.~~

Conference on geology and minerals in central regions of Krasnoyarsk
Territory. Izv.vys. ucheb. zav.; tsvet. met. no.3:149-150 ' 58.

(MIRA 11:11)

(Krasnoyarsk Territory--Geology)

BAZHENOV, B.P.

Analyzing pebbles in order to study placers in the Zeya
Basin. Izv.vys.ucheb.zav.;geol.i razv. 4 no.7:11-12 (MIRA 14:8)

1. Moskovskiy institut tsvetnykh metalloy i zolota imeni
M.I. Kalinina.
(Zeya Valley--Gold ores)

BAZHENOV, B.P.

History of the study of placer deposits in the Zeya River
Basin. Uch. zap. MOPI 124:159-168 '63.

(MIRA 18:6)

KORSAKOV, Vladimir Sergeevich; NOVIKOV, Mikhail Pavlovich; PANTELEYEV, V.V., inzh., retsenzent; BAZHENOV, D.V., inzh., red. graficheskikh rabot; YAKOVLEVA, V.I., red.; MODEL', B.I., tekhn. red.

[Manual on the mechanization and automation of assembling operations] Spravochnik po mekhanizatsii i avtomatizatsii sborochnykh rabot. Moskva, Mashgis, 1961. 373 p. (MIRA 15:2)
(Assembly-line methods)

BAZHENOV, D.V.

Shortcomings of spectrum analysis by means of harmonic analyzers
and ways for their elimination. Akust. zhur. 10 no.2:147-151
'64. (MIRA 17:6)

1. Akusticheskiy institut AN SSSR, Moskva.

ITSKOVICH, G.M.; KISELEV, V.A.; CHERNAVSKIY, S.A.; BOBKOV, K.N.;
PANICH, B.B.; BAZHENOV, D.V., red.

[Preparation of a course project on machine parts; reference
manual] Kursovoe proektirovanie detalei mashin; uchebno-
spravochnoe posobie. Izd.4., perer. Moskva, Mashinostroenie
1964. 594 p. (MIRA 18:5)

KSENOFONTOV, Boris Maksimovich; BAZHENOV, F.M., laureat Gosudarstvennoy
premi, inzh., retsenzent; DUGINA, N.A., tekhn. red.

[Casting by the vacuum suction method] Lit'e metodom vakumnogo
vsasyvaniia. Sverdlovsk, Mashgiz, 1962. 167 p. (MIRA 15:7)
(Nonferrous metals--Founding) (Vacuum technology)

Plaster

Determination of the strength of adhesion of plaster to its foundation. *Biul. stroi. tekhn.* 9, no. 13, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

BAZHENOV, G.A.

BAZHENOV, G.A., inzhener.

Adjusting electric power generator trains. Energetik 5 no.5:18-19
M'y '57. (MLRA 10:6)

(Electric generators)

BAZHENOV, G.L., kand. tekhn. nauk; GRYAZNOV, B.T., kand. tekhn. nauk

Guniting the walls of a grain elevator. Prom. stroi. 42 no.3:
22-23 '65. (MIRA 18:7)

BAZHENOV, G.L., kand.tekhn.nauk, dotsent; KUDRIN, B.A., kand. tekhn.nauk,
ispolnyayushchiy obyazannosti dotsenta

Study on short reinforced concrete brackets. Trudy GISI no.30:99-
112 '61. (MIRA 16:9)

BAZHENOV, G. M.

Über die Berechnung der Wurzeln von algebraischen Gleichungen mit Hilfe der unendlichen Reihen. Khrk., Zap. matem. T-Wa. 7(1933), 39-44

OB opredelenii intervala argumenta pri tabulirovani funktsiy. Voronezh, Trudy un-ta, 8:1 (1935), 6-8.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.K.
Rashevskiy, P.K.
Moscow-Leningrad, 1948

BAZHENOV, G. M.

41985. BAZHENOV, G. M.--Primenenie matrichnogo ischisleniya k vyvodv uravnéniy dvizheniya maloy planety v ideal'nykh iv ganzenovskikh koordinatakh. Vchen. Zapiski khar'k. Gos. Va-ta im. Ger'kogo, T. XXVIII. Puglikatsii Astron. Observatorii. T. VIII. 1948. S. 95-98

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948

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BAZHEV, G. M.

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BAZHENOV, G.M.

First-order perturbations of the mean motion of an infinitesimal body in the problem of three bodies. *Biul. Inst.teor.astron.* 6 no.6:378-407 '56. (MIRA 13:3)
(Problem of three bodies)

BAZHENOV, G. M., Doc Phys-Math Sci -- (diss) "On perturbations of the first order of elements of the orbit of a body of vanishing mass in the spatially restricted elliptic problem of three bodies and certain related questions." Len, 1958. 24 pp (Acad Sci USSR, Main Astronomical Observatory), 125 copies. (KL, 41-58, 119)

- 1 -

BAZHENOV, G.M.

Two practical schemes for calculating perturbations of the first order of orbit elements of bodies with a small mass in the spatial restricted elliptic problem of three bodies. *Biul.Inst. teor.astron.* 7 no.1:4)-71 '58. (MIRA 13:4)
(Problem of three bodies)

BACHENOV, G.M.

PHASE I BOOK EXPLOITATION

SOV/4758

Khar'kov. Universitet. Astronomicheskaya observatoriya

Tsirkulyar, no. 22 (Circular of the Astronomical Observatory of Khar'kov State University imeni A. M. Gor'kiy, No. 22) Khar'kov, 1960. 79 p. 1,000 copies printed.

Sponsoring Agencies: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya UkrSSR; Khar'kovskiy ordena trudovogo krasnogo znameni gosudarstvennyy universitet imeni A. M. Gor'kogo.

Resp. Ed.: N. P. Barabashov, Academician, Academy of Sciences Ukrainskaya SSR; Ed.: T. M. Kurilova; Tech. Ed.: N. I. Nikulina.

PURPOSE: This publication is intended for astronomers.

COVERAGE: This issue of the Circular of the Astronomical Observatory at Khar'kov contains 4 astronomical studies. Individual papers present corrections for the orbital elements of minor planets 52 Europa and 152 Atala, and a computational scheme for finding the best Chebyshev approximation for a given

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Circular of the Astronomical Observatory (Cont.)

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function in a given interval of argument change. Extensive tabular data are provided on photospheric and chromospheric activity for 1957. There are no references.

TABLE OF CONTENTS:

Samofalova, T. A., and K. V. Benskaya. Photospheric and Chromospheric Solar Activity From January 1 Through December 31, 1957, According to Observations of the Khar'kov Astronomical Observatory

The authors present 5 tables of data. Table 1 contains data characterizing the general state of the photosphere; Table 2 shows data characterizing the active regions of the sun; Table 3 gives a list of intensive floc-³culi not identical with observed sunspot groups (possibly associated with sunspot groups on the concealed side of the sun); Table 4 provides a list of filaments and protuberances; and Table 5 gives a list of protuberances whose height exceeds 60". Universal time is used on all tables. The photosphere was observed visually with a 4-inch refractor and attached screen. The image of the sun on the screen was 151 mm. Areas of sunspots are measured in millionth parts of a hemisphere and corrected for perspective distortion. Chromosphere observations were made photographically on a spectroheliograph. Observations were performed

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Circular of the Astronomical Observatory (Cont.)

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by L. I. Krisenko and V. A. Yezerskaya, R. M. Chirkova, and T. A. Samofalova.
No references are given.

Bazhenov, G. M. Correcting Orbital Elements of Minor Planet (52) Europa 72

Bazhenov, G. M. Correcting the Orbital Elements of Minor Planet (152)Atala 74

Bazhenov, G. M. Computational Plan to Find the Polynomial Which is the Best
Chebyshev Approximation $f(x)$: a Given Function in a Given Interval of
Argument Change 76

AVAILABLE: Library of Congress

Card 3/3

JA-dwm-fal
1-27-61

KAPLAN, Il'ya Abramovich; BAZHENOV, G.M., prof., doktor fiz.-matem.nauk, rezensent; POLOVIN, R.V., dotsent, kand.fiz.-matem.nauk, rezensent; GORDEVSKIY, D.Z., dotsent, otv.red.; BAZILYANSKAYA, I.L., red.; TROFIMENKO, A.S., tekhred.

[Practical problems in higher mathematics] Prakticheskie zadaniia po vysshei matematike. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo. Pt.1. [Plane and solid analytic geometry] Analiticheskaia geometriia na ploskosti i v prostranstve. 1960. 226 p. (MIRA 14:3)

(Geometry, Analytic)

RAZHENOV, G.M.

Improving orbit elements for minor planet Europa (2). TSir.Astron.
observ.Khar.un. no.22:72-73 '60. (MIRA 13:?)
(Planets, Minor)

BAZHENOV, G.M.

Improving orbit elements for minor planet Atala (152). TSir.
Astron. obser. Khar. un. no. 22:74-75 '60. (MIRA 13:7)
(Planets, Minor)

BAZHENOV, G.M.

Computing system for finding the polynomial which is the best
Chebyshev approximation to the given function in a given interval
of argument variation. TSir.Astron.obser.Khar.un. no.22:76-79
'60. (MIRA 13:?)

(Chebyshev polynomials)

24361

S/035/61/000/007/007/021
A001/A101

3.9200

AUTHOR: Bazhenov, G.M.

TITLE: Determining the orbit of an artificial Earth's satellite from three observations

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 7, 1961, 4 - 5, abstract 7A55 ("Byul. In-ta teor. astron. AN SSSR", 1960, v. 7, no. 10, 757 - 765)

TEXT: The author describes a sufficiently simple method of determining the orbit from three arbitrary observations separated by any time intervals except for very short ones. The method is applicable for determining the unperturbed Keplerian orbit in cases when the change of mean anomaly during the time between observations is confined within the range from 5 to $1,000^{\circ}$. If the change of mean anomaly exceeds $1,000^{\circ}$, perturbations should be taken into account, and the orbit can not be considered as a Keplerian one. The method can not be applied to cases when the orbital plane of the artificial Earth's satellite coincides or almost coincides with the plane of the Earth's equator. A detailed numerical

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Determining the orbit ...

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A001/A101

example is presented of determining the orbit of the rocket of the third artificial Earth's satellite (1958 \bar{O}_1) from three observations on July 19, 1958.

G. Chebotarev

[Abstracter's note: Complete translation]

Card 2/2

BAZHENOV, G.M.

Determining the orbit of an artificial earth satellite according
to three observations. Biul.Inst. teor.astron. 7 no.10:757-766
'60. (MIRA 14:3)

(Artificial satellites--Orbits)

16.4100 16.6500

30800
S/044/61/000/008/038/039
C111/C333AUTHOR: Bazhenov, G. M.

TITLE: Calculation scheme for the determination of a polynomial which is the best Chebyshev approximation of a given function on a given interval of the argument

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1961, 39, abstract 8V249. ("Tsirkulyar Astron. observ. Khar'kovsk. un-t", 1960, no. 22, 76-79)

TEXT: For the Chebyshev approximation of a continuous function $f(x)$ on $[-1, +1]$ by a polynomial $P_m(x)$ the author considers as usual the system

$$P(x_i) = f(x_i) - \sum_{j=0}^m c_j x_i^j = (-1)^{m+i-1} L \quad (i=0, \dots, m-1), \quad (1)$$

$$P'(x_i) = f'(x_i) - \sum_{j=1}^m j c_j x_i^{j-1} = 0 \quad (i=1, \dots, m) \quad (2)$$

with $2m+2$ unknowns $c_0, \dots, c_m, L, x_1, \dots, x_m$ ($x_0 = -1, x_{m+1} = 1$). As

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S/035/62/000/004/001/056
A001/A101

AUTHORS: Bazhenov, G. M., Slastenov, A. I.

TITLE: The determination of absolute first-order perturbations caused by Jupiter and improvement of orbital elements of the asteroid Velleda (126)

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 4, 1962, 10 - 11, abstract 4A103 ("Tsirkulyar Astron. observ. Khar'kovsk. un-t", 1961, no. 23, 22 - 29).

TEXT: The absolute perturbations of elements a, e, M and matrices

$$M' = \begin{pmatrix} P_x & Q_x & R_x \\ P_y & Q_y & R_y \\ P_z & Q_z & R_z \end{pmatrix}$$

were found by G. M. Bazhenov by the method described in his Doctor's thesis "On first-order perturbations of orbital elements of a body having a vanishingly small mass". A. I. Slastenov determined, on the basis of the series obtained by

Card 1/2

BAZHENOV, G.M.

Table for the solution of Kepler's equation by means of a
calculating machine. Uch.zap.KHGU 91:255-257 '57. (MIRA 15:3)
(Orbits)

KAPLAN, Ili'ya Abramovich; BAZHENOV, G.M., doktor fiz.-matem. nauk, prof., retsenzent; GONDELEVSKIĬ, D.Z., dots., otv. red.; SOLODOVNIKOV, R.V., dots., otv. red.; BAZILYANSKAYA, I.L., red.

[Practical studies in higher mathematics; analytical geometry, plane and solid; differential calculus of functions of one and several independent variables] Prakticheskie zaniatia po vysshei matematike; analiticheskaia geometriia na ploskosti i v prostranstve, differentsial'noe ischislenie funktsii odnoi i mnogikh nezavisimykh peremennykh. Izd.2., dop. i perer. Khar'kov, Izd-vo Khar'kovskogo univ., 1965. 574 p. (MIRA 18:3)

BAZHENOV, G.V., insh.

GTU-20 gas turbine unit. Energomashinostroenie 7 no.10:42
3 '61. (MIRA 14:10)
(Leningrad--Marine gas turbines)

AID P - 5277

Subject : USSR/Engineering
Card 1/1 Pub. 107-a - 13/18
Author : ~~Bazhenov, I. A.~~, Eng. (Sverdlovsk No. 2 Autogenous Plant)
Title : Attachment for oxygen cutting of pipes to a measured length.
Periodical : Svar. proizvod., 9, 29, 3 1956
Abstract : The author describes an attachment device for a true oxygen cutting of steel pipes 84mm and larger in diameter to a required length. Two drawings.
Institution : As above
Submitted : No date

BAZHNEV, I.A.; SAL'NIKOV, O.A.

Improving the front support of the spindle in the 1112-1136 auto-
matic lathes. Stan.1 instr.27 no.11:33 N '56. (MIRA 10k1)
(Lathes) (Bearings (Machinery))

BAZHENOV, Ivan Arkad'yevich; KURYSHOV, Vasilii Yevgen'yevich; GALAKTIONOV,
A.T., KNDG: tekhn. nauk, retsenzent; DUGINA, M.A., tekhn. red.

[Kerosene cutter] Kerosinorezchik. Moskva, Gos. nauchno-tekhn.
isd-vo mashinostroit. lit-ry, 1960. 65 p. (MIRA 13:5)
(Gas welding and cutting) (Kerosene)

S/121/61/000/002/004/005
A207/A126

AUTHOR: Bazhenov, I.A.

TITLE: Automatic feeding mechanism for model no. 3180 centerless-grinding machine

PERIODICAL: Stanki i Instrument, Mashgiz, no. 2, 1961, 30 - 32

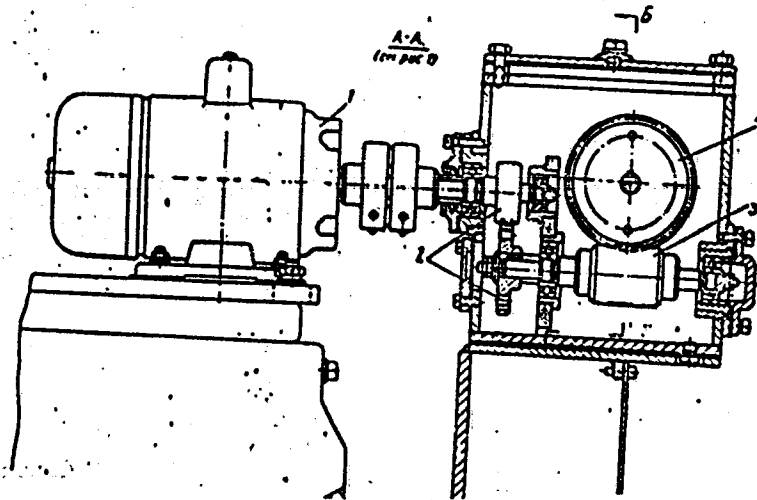
TEXT: The "automatic feeding mechanism" is explained as being an additional feeding of the grinding circle to the part, in order to ensure its diameter size within permissible limits. It is pointed out that without this device, the required size could not be obtained, mostly due to the wear of the circle. An electro-mechanical automatic feeding device has been designed at the Sverdlovsk Institute of Design and Technology for the purpose of displacing the mandrel of the grinding circle in the model 3180. The technical characteristics are listed as follows: limits of continuous feed in microns during the cycle period equal to 20 sec.,0.5 - 5, limits of the fast (correcting) feed per impulse... 2.15-21.5 power of the driving electric motor in kw0.18. The principle of the mechanism is based on the combining of two types of automatic feeders: continuous feed of the mandrel and adjusting type feeding, rapid and pulse-created. The automatic mechanism (Fig. 1) functions in the following manner: The continuous feeding of the

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Automatic feeding mechanism for model no. 3180 ...

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A207/A126

mandrel is accomplished by the clock-wise rotation of electric motor 1 (Fig. 2). The rotation from the motor is conveyed through gear transmission 2, to worm pair 3-4, and so on to shaft 2⁴ of the mandrel's displacement drive of the grinding circle. The rapid manual adjustment of the grinding circle mandrel is possible. There are three figures.



Card 2/4

YURENEV, V.N.[author]; BAKHENOV, I.G.; SHEYNIN, B.I., kandidat tekhnicheskikh nauk [reviewers].

"Industrial steam turbine electric power plants." Elek.sta. 24 no.7:63-64
Jl '53. (MLRA 6:7)

(Electric power plants) (IUREnev, V.N.)

IMSHENETSKIY, V.N., dotsent; BAZHENOV, I.G., assistant

Electric protection in electrified livestock farms. Nauch.
zap. KHIMSKH Fak. elek. sel'khoz. 1 no.10:63-74 '58.

(MIRA 16:7)

(Electricity in agriculture—Safety measures)
(Stock and stockbreeding)

BAZHENOV, I. I.

PA 7793

USSR/Mining Methods
Mining Equipment

Apr 1948

"Experiences With the Introduction of Complete
Automatization of Mechanisms and Processes in Mines,"
Engr I. I. Bazhenov, 7 pp

"Mekh Trud i Tyazh Rabot" No 4

Shows results of performance and efficiency obtained
from an experimental installation by the All-Union
Scientific and Research Coal Institute of a complete
remote control system for a mine. Experiments con-
ducted at shafts 4/6 of KopeyskUgol Trust. Great ad-
vantages realized from new method of regulating
mining equipment.

7793

... I. I.

USSR/Mining Methods
Mining Equipment

Feb 49

"Advanced Technique in Coal Mines," I. I. Bazhenov,
Laureate of Stalin Prize, 6 pp

PA 40/49785

"Razra 1 Zhizn" No 2

Refers to mechanization of industrial processes
in mines as basic technical task of coal industry.
Discusses function of various machines and
mechanisms now used in mines, methods for testing
them, and problems yet to be solved to obtain
high coal supply. New machines and means of
mechanization are under way. Implementation of ad..

40/49785

USSR/Mining Methods (Contd)

Feb 49

various technique has changed Soviet mining methods
and has transformed the industry into a highly
mechanized modern enterprise. Gives illustrations
of various machines, plans of mines, etc.

40/49785

ANTONOVSKAYA, M.A., nauchnyy sotr.; BAZHENOV, I.I., nauchnyy sotr.; SAVEL'YEV, G.P., nauchnyy sotr.; SNAGOVSKIY, Ye.S., nauchnyy sotr. CHETVEROV, B.M., nauchnyy sotr.; BERSTEL', V.N., retsenzent; KUDRYAVTSEVA, I.G., tekhn. red.

[Widespread automatic control in coal mines] Kompleksnaia avtomatizatsiia na ugol'nykh shakhtakh. Moskva, Ugletekhizdat, 1950. 170 p.
(MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy ugol'nyy institut (for Antonovskaya, Bazhenov, Savel'yev, Snagovskiy, Chetverov).
(Automatic control)
(Coal mines and mining)

BAZHENOV, I. I.

USSR/Engineering - Tools

Card 1/1 † Pub. 103 - 7/23

Authors : Bazhenov, I. I.

Title : The designing of combination circular boring-cutters

Periodical : Stan. 1 instr. ^{25, No. 8}-8, 20-25, Aug 1954

Abstract : A new design of a combination circular boring-cutters is described. Calculations of cutter configurations are presented, together with their specifications and application. Four references (1933-1947). Tables; graphs; drawings; diagrams.

Institution :

Submitted :

BAZHENOV, I.I.; SNAGOVSKIY, Ye.S.

Session of the Academy of Sciences of the U.S.S.R. on
scientific problems of industrial automatization. Ugol'
31 no.11:19 N '56.

(MLRA 10:2)

(Automatic control)

7002 A. I. Kozlov
BAZHENOV, I.I., gornyy inzh.; SEMENOV, A.P., gornyy inzh.

Mining thick flat seams in the President Gottwald mine.

Ugol' 32 no.9:42-45 S '57.

(MIRA 10:10)

(Czechoslovakia--Coal mines and mining)

BAZHENOV, I.I.; GRIDIN, A.D.; DUNAYEV, M.N.; LOKHANIN, K.A.; SEMENOV, A.P.;
NURMUKHAMEDOVA, V.F., red. izd-va.; IL'INSKAYA, G.M., tekhn. red.;
ALADOVA, Ye.I., tekhn. red.

[Coal industry in Czechoslovakia] Ugol'naya promyshlennost'
Chekhoslovakii. Moskva, Ugletskhizdat, 1958. 263 p. (MIRA 11:12)
(Czechoslovakia--Coal mines and mining)

BAZHENOV, I.I.

Design and manufacture of annular drills. Stan.i instr. 29 no.6:
33-36 Je '58. (MIRA 11:7)
(Drilling and boring machinery)

RAZHENOV, Ivan Ivanovich, inzh.; LEONENKO, Ivan Abramovich, inzh.; KHAR-
CHENKO, Aleksey Kondrat'yevich, kand.tekhn.nauk. Primalni uchastiye:
DOBROVOL'SKIY, V.V., kand.tekhn.nauk; BORODULIN, K.Ya., inzh.; POPOV,
A.A., inzh.; KHODAKOV, I.K., red.isd-va; PROZOROVSKAYA, V.L., tekhn.
red.

[Coal mines and mining in the Chinese People's Republic] Ugol'naya
promyshlennost' Kitaiskoi Narodnoi Respubliki. Moskva, Gos.nauchno-
tekhn.isd-vo lit-ry po gornomu delu Gosgortekhnizdat, 1959. 479 p.
(MIRA 13:2)

(China--Coal mines and mining)