

BAYEV, I.P., inzhener; MERKIN, L.I.

For continued increase in the river transportation of cement and building materials. Rech.transp. 14 no.4:9-11 Ap '56. (MLBA 9:8)  
(Inland water transportation)  
(Cement--Transportation)  
(Building materials--Transportation)

BAYEV, I.P., inshener; MERKIN, E.I., inshener.

More efficient transport of cement and building materials. Zhel.  
dor.transp. 37 no.6:54-58 Je '56. (MLRA 9:8)  
(Building materials--Transportation)

Rev. 1.1a

BAYEV, I.Ye., inzhener.

Results of the efficient training of workers. Bezop.truda  
v prom. l no.8:37 Ag '57. (MLRA 10:8)

1.Uchastkovyy inspektor upravleniya Grosnenskege okruga  
Gosgortekhnadzora SSSR.

(Industrial safety)

BAYEV, I.Ye., inzh.

Experience of oil-field workers in Grozny. Bezop.truda v  
prom. 4 no.3:27 '60. (MIRA 13:6)

1. Gornotekhnicheskiy inspektor Upravleniya Groznenskogo  
okruga Gosgortekhnadzora RSFSR.  
(Grozny Province--Oil fields--Safety measures)

SUKHOVERKHOV, V.G., inzh.; BAYEV, I.Ye., inzh.

The 11DE semiautomatic drilling unit. Bezop.truda v prom. 4 no.10:  
25-26 0 '80. (MIRA 13:11)

1. Master burovoy No.24 Neftpromyslovogo upravleniya Oktyabr'neft'  
(for Sukhoverkhov). 2. Inspektor Upravleniya Groznenskogo okruga  
Gosgortekhnadzora RSFSR (for Bayev).  
(Oil well drilling riggs)

897-V  
BULGARIA/Chemical Technology. Chemical Products and Their  
Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15352.

Author : Dalev D., Lidzhi L., Bayev K., Danchev D.

Inst : Bulgarian Academy of Sciences.

Title : Use of Sodium Alginate to Ameliorate the Technology  
of Concrete Mixes

Orig Pub: Dokl. Bolg. AN, 1957, 10, No 2, 117-119

Abstract: Na-alginate improves the structure of concrete, increases  
its plasticity and density, promotes enhanced impermeabi-  
lity to water, resistance to frost and chemical stability.  
Na-alginate added in an amount of 0.01-0.05% of the weight  
of cement, increases compression strength at the age of  
28 days up to 8%. Concrete with added Na alginate does  
not undergo stratification on jarring.

Card : 1/1

YELSU KOV , M.P., red.; BAYEV, K., red.; SHLYK, M., tekhn., red.

[Forage beans]Kormovye boby. Moskva, Mosk. rabochii, 1962.  
67 p. (MIRA 15:11)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.  
V.I.Lenina (for Yelsukov).

(Beans)



BAYEV, K.A.

Following the example of Ivanovo textile workers. Tekst. prom.  
19 no.9:92-93 S '59. (MIRA 12:12)

1. Nachal'nik Konstruktorsko-tehnologicheskogo byuro Upravleniya  
legkoy promyshlennosti sovnarkhoza Latvyskoy SSR.  
(Latvia--Textile industry)

BAYEV, K.A.

Conference of the readers of "Tekstil'naya promyshlennost'"  
in Riga. Tekst.prom. 20 no.10:90 0'60. (MIRA 13:11)  
(Textile industry--Periodicals)

BAYEV, K.A., inzh.

Mechanization and automation of the textile and light industries  
in Latvia. Mekh. i avtom. proizvod. 15 no.7:16-18 JI '61.  
(MIRA 14:7)

(Latvia—Industry—Technological innovations)  
(Automation)

SPIRIDONOV, Fedor Matveyevich; RAYEV, K.D., red.; SATTANIDI, L.D.,  
tekhn.red.

[Infectious atrophic rhinitis in swine] Infektsionnyi  
atroficheski rinit svinei. Moskva, Izd-vo M-va sel'.khoz.  
RSFSR, 1960. 23 p. (MIRA 14:1)  
(Swine--Diseases and pests)

KON'KOV, Ye.A.; BAYEV, K.D., red.; BARANOV, M.V., tekhn. red.

[Hygiene of calves] Gigiena teliat. Moskva, Izd-vo M-va sel'khoz.  
RSFSR, 1960. 29 p. (MIRA 14:9)  
(Calves)

MILOVANOV, V.K.; SOKOLOVSKAYA, I.I.; CHUBENKO, N.S.; TRUBKIN, G.D.:  
TSVETKOV, I.V.; BAYEV, K.D., red.; LEVINA, L.G., tekhn. red.

[Operating methods of stations for the artificial insemination of farm animals] Tekhnologiya raboty stantsii po iskusstvennomu osemneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 145 p.  
(MIRA 15:2)

(Artificial insemination)

БІЛІВ, Konstantin L'vovich, 1881-

(prosti besidi z astronomii) The truth about the heavens. Kyiv. Sotsekvylav  
Ukrainy, 1937. (47-44314) 67 p.

CB44.B13

BAEV, Konstantin I'vovich, 1881-

The truth about the heavens. Moskva, Gos. antirelig. izdat., 1940. 84 p. At head of title:  
K. L. Baev i V. A. Shishakov.



BAEV, Konstantin L'vovich, 1881-

The moon. Moskva, Izd-vo Akademii nauk SSSR, 1941. 99 s. (Nauchno-populiarnaiia seria "Akademii nauk Stakhanovtsem.")

Cyr.4 Q89

BAV, Konstantin Lvovich, 1851-

The rudiments of the study of the universe. Izd. 2., Perer. Moskva, Gos. izd-vo tekhniko-teoreticheskoi lit-ry, 1945. 91 p.  
At head of title: K. L. Vaev i V. A. Shishakov.

ЛЕВ, Константин Л'вович, 1881-

Creators of modern astronomy: Copernicus, Bruno, Kepler, and Galileo. Moskva,  
Gos. uchebno-pedagog. izd-vo, 1948. 112 p. (52-18095)

QB35.B15

BAK, Konstantin I. Vasil'ev

"Earth and Planets." Moskva, Gos. izd-vo tekhniko-teo-ret. lit-ry, 1950.

BAYEV, K. L. and SHISHAKOV, V. A.

Pravda O Nebe (The Truth About the Sky), 56 p., Popular Sci. Library, Kaz OGIZ,  
Alma-Ata, 1949. Astronomical Journal, Vol. 27, No. 3, 1950.

NOVIKOVA, N.G.; BAYEV, K.L., professor, redaktor; MEKENTSEV, V.A., redaktor; GAVRILOV, S.S., tekhnicheskiiy redaktor.

["Unusual" phenomena in the skies] "Neobyknovennyye" nebesnyye iavleniya. Pod red. K.L.Bayeva. Izd. 2. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1951. 63 p. (Nauchno-populiarnaya biblioteka, no.24) [Microfilm] (MLRA 7:11)  
(Meteorology)

BAYEV K.L.

POPOV, P.I.; Bayev, K.L. [deceased]; VORONTSOV-VEL'YAMINOV, B.A.;  
KUNITSKIY, R.V.; SHORYGIN, S.A., redaktor; TSIRUL'NITSKIY, N.P.,  
tekhnicheskiy redaktor

[Astronomy; textbook for physics-mathematics faculties] Astronomia.  
Uchebnik dlia fiziko-matematicheskikh fakul'tetov pedagogicheskikh  
institutov. Pod obshchei red. P.I.Popova. Izd. 3-e, vnov' perer.  
Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia  
RSFSR, 1953. 543 p. (MLRA 7:9)  
(Astronomy)

BAYEV, K.I.; SHISHAKOV, V.A.; REZNIKOVSKIY, P.T., redaktor; GAVRILOV,  
S.S., tekhnicheskiy redaktor.

[Elements of cosmography] Nachatki mirovedeniia. Izd. 4-e, perer. i  
dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 123 p.  
(Cosmography) (MIRA 8:4)



BAIEV, Konstantin L'vovich; doktor fiziko-matematicheskikh nauk; DROZHZHIN,  
Yu.N., redaktor; SAKHAROVA, N.N., tekhnicheskii redaktor.

[Creators of modern astronomy; Copernicus, Bruno, Kepler, Galileo]  
Sozdateli novoi astronomii; Kopernik, Bruno, Kepler, Galilei.  
Moskva, Gos.uchebno-pedagog. izd-vo Ministerstva prosveshchénia  
RSFSR, 1955. 121 p. (MIRA 9:6)

(Astronomers)

RAYEV, Konstantin L'vovich, professor; SHISHAKOV, Vitaliy Alekseyevich;  
SAMSONENKO, L.V., redaktor; GAVRILOV, S.S., tekhnicheskii redaktor

[Universal gravitation] Vsemirnoe tsiagotenie. Moskva, Gos. izd-vo  
tekhniko-teoret. lit-ry, 1956. 38 p. (Nauchno-populiarnaya biblioteka,  
no.89) (MIRA 10:3)  
(Gravitation)

**RAYEV, Konstantin L'vovich, professor; KUNITSKIY, P.V., professor, redaktor;**  
**GAVRILOV, S.S., tekhnicheskiiy redaktor**

[The earth and the planets] Zemlia i planety. Izd. 2-oe, perer.  
Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 46 p. (Nauchno-  
prosvetitel'naia biblioteka, no.12)  
(Earth) (Planets)

3(1)

PHASE I BOOK EXPLOITATION

807/2109

Bayev, Konstantin Lvovich, and Vitaliy Alekseyevich Shishakov

Nachatki mirovedeniya (Elements of Cosmography) 6th ed. Moscow, Fizmatgiz, 1958.  
127 p. 50,000 copies printed.

Ed.: L. V. Samsonenko; Tech. Ed.: V. N. Kryuchkova.

**PURPOSE:** This booklet is intended for the general reader interested in astronomy.

**COVERAGE:** This popular science type booklet discusses the general field of astronomy, celestial bodies, atmospheric phenomena, and the relationship of astronomy with the other earth sciences. No personalities are mentioned. No references are given.

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80V/2109

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AVAILABLE: Library of Congress

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8-7-59

BAYEV, K. L.

3(1)

PHASE I BOOK EXPLOITATION

SOV/1968

Popov, Pavel Ivanovich, Konstantin L'vovich Bayev, Boris Aleksandrovich Voron'sov-Vel'yaminov, and Nostislav Vladimirovich Kunitskiy

Astronomiya; uchebnik dlya fiziko-matematicheskikh fakul'tetov pedagogicheskikh institutov (Astronomy; a Textbook for Physics and Mathematics Faculties of Pedagogical Institutes). 4th ed., rev. Moscow, Uchpedgiz, 1958, 461 p. 16,000 copies printed.

Ed. (Title page); P.I. Popov; Ed. (Inside book): S.A. Shorygin; Tech. Ed.: N.P. Tsirul'nitskiy.

PURPOSE: This book, a manual on general astronomy, is intended for students and teachers. It is particularly useful in dealing with the practical aspects of astronomy.

COVERAGE: This book represents the fourth edition of the work and has been rewritten along lines proposed by its users and on the

Card 1/18



BAYEV, Kh.A.

Study of silicosis danger from mine dust in the Kuznetsk Basin.  
Vop. bor' s sil. v Sib. no.1:39-44 '61 (MIRA 16:12)

SHULEYKIN, A.D., kand.ekonom.nauk; BAYEV, K.N., kand.ekonom. nauk

"Planning of land utilization." Reviewed by A.D.Shuleikin, K.N.Baev.  
Zemledelia 25 no.4:93-94 Ap '63. . (MIRA 16:5)  
(Rural planning) (Farm management)

BAYEV, L.; NAROVLYANSKIY, V.

Efficiency, Industrial

Shedding light on problems of technical progress in Soviet industry (survey of literature). Reviewed by L.Bayev, H.Narovlyanskiy. Vop.ekon., no.6, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, SEPTEMBER 1952. UNCLASSIFIED.

BAYEV, L.

BAYEV, L.; KHORUNZHIY, L.

Progress of industry under the Soviet regime ("Industry of the  
U.S.S.R." Reviewed by L. Baev, L. Khorunshii). Vop.ekon.  
no.5:112-118 My '57. (MIRA 10:7)  
(Russia--Industries)

~~BAZEV, L.~~ inzhener-ekonomist, (Moskva)

In the interest of accelerating the tempo of technological  
progress. Vop.ekon. no.4:142-144 Ap '57. (MLRA 10:5)  
(Technology)

RAYEV, L.

Problems of labor productivity in the machinery manufacturing industry ("Problems in increasing labor productivity in machinery manufacturing." Reviewed by L. Baev). Vop. ekon. no.9:163-170  
8 '58. (MIRA 11:10)  
(Machinery industry) (Labor productivity)

BAYEV, L. I.

Making work easier for mailmen. Vest.svyazi 20 no.2:18  
F '60. (MIRA 13:5)

1. Nachal'nik 3-go otdeleniya svyazi, Irkutsk.  
(Postal service)

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 248 - I

BOOK

Call No.: AF596472

Authors: BAVEV, L. K., and MERKULOV, I. A.

Full Title: ROCKET-AIRCRAFT, (JET PROPULSION AVIATION) (2nd. ed.)

Transliterated Title: Samolet-raketa (reaktivnaya aviyatsiya)

Publishing Data

Originating Agency: None

Publishing House: State Publishing House of Technical and Theoretical Literature

Date: 1953

No. pp. 64

No. of copies: 150,000

Editorial Staff

Editor: None

Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Text Data

Coverage: This is a popular booklet on the jet propulsion of today and tomorrow. The author describes why the achievement of high speeds requires the application of new techniques, and how this progress has been made possible by the genius of USSR scientists. A description of reaction engines with liquid oxidizers and of ram-jet and gas-turbine engines follows. In the last three chapters the author considers the problems of supersonic speeds, and the jet propulsion and flight of the future. The booklet is provided with 18 diagrams.



МАЯЕВ, Л. К., et al

Samoletraketa (Rocket plane). (Reaktivnaia aviatsia). (Nauchno-iss iarnaia biblioteka). (Moskva), Gostekhizdat, 1952. 64 p.

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

1. BAYEV, L.K.
2. USSR (600)
4. Gas and Oil Engines
7. Two cycle, Nauka i zhinz' 20 no. 3, 1953.

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

BAYEV, L.K.; STRIZHEVSKIY, S.Ya., kandidat tekhnicheskoy nauk, redaktor;  
KATRENKO, D.A., redaktor; TUMARKINA, N.A., tekhnicheskoy redaktor

[Helicopter] Vertolet. Pod red. S.IA.Strizhevskogo. Moskva, Gos.  
izd-vo tekhniko-teoreticheskoy lit-ry, 1954. 53 p. (Nauchno-  
populiarnaya biblioteka, no.76) [Microfilm] (MLRA 8:2)  
(Helicopter)

*Translation 563434*

~~RAYEV~~ I. K.; KATRENKO, D.A., redaktor; GAVRILOV, S.S., tekhnicheskiy  
redaktor

[ The helicopter] Vertelet. Izd. 2-oe, dop. Moskva, Gos. izd-vo  
tekhniko-teoret. lit-ry, 1956. 55 p.  
(Nauchno-populiarnaya biblioteka, no. 76) (MLRA 10:4)  
(Helicopters)

BAYEV, Lev Konstantinovich; MERKULOV, Igor' Alekseyevich; PLONSKIY, A.F.,  
redaktor; GAVRILOV, S.S., tekhnicheskiy redaktor

[Rocket plane; jet aviation] Samolet-raketa; reaktivnaya aviatsiya.  
Izd. 3-e, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956.  
55 p. (Nauchno-populiarnaya biblioteka, no.39) [Microfilm] (MLRA 9:8)  
(Airplanes--Jet propulsion)

Review - 553582-

*Bayev*

Name : *БАЙЕВ, Л. К.*  
BAYEV, Lev Konstantinovich

Remarks : L. K. Bayev and I. M. Merkulov are co-authors of a booklet entitled "Samolet-Raketa--Reaktivnaya Aviatsiya" ("Rocket Aircraft--Reaction-Propulsion Aviation"), in which they give a brief survey of the development of reaction-propulsion aviation in the USSR, describe the operation of reaction engines with liquid oxidizers and of ramjet and turbine engines, and discuss the advantages of the atom-powered aircraft engine of the future.

Source : M: Samolet-Raketa--Reaktivnaya Aviatsiya, by L. K. Bayev and I. A. Merkulov, Moscow, 1956

BAYEV, Lev Konstantinovich; MIKHALKEVICH, T.V., redaktor; KOZLOVSKAYA, M.D.,  
tekhnicheskii redaktor

[Jet engineering in our day] Reaktivnaia tekhnika nashikh dnei.  
Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia  
RSFSR, 1956. 107 p. (MIRA 9:12)  
(Jet propulsion)

Name : BAYEV, L. K.

Remarks : L. K. BAYEV is the author of a booklet entitled "Helicopter" published by the Popular Mechanics Library, Government Printing Office of the Literature on Theoretical and [Practical] Mechanics.

Source : M: Vertolet (Helicopter), Moskva, 1956

25 10



RAYEV, I. A., and MASHURAY, I. A.

Rocket Aircraft a book published by the Defense Ministry, 1957

*BATEV, L.A.*

GANSHTAK, Vladimir Iosifovich; GOTLOBER, Valentin Mikhaylovich; ~~BAYEV, I.K.~~  
nauchnyy red.; FALAL'YEVA, T.F., red.; GUBIN, M.I., tekhn.red.

[Economic effectiveness of introducing new equipment] Ekonomicheskaia effektivnost' vnedreniia novoi tekhniki. Moskva, Izd-vo "Znanie," 1958. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znanii. Ser.3, no.35) (MIRA 11:3)  
(Efficiency, Industrial)

*BAYEV, LEV KONSTANTINOVICH*

PHASE I BOOK EXPLOITATION 459

Bayev, Lev Konstantinovich

Reaktivnyye samolety (Jet Aircraft) Moscow, Izd-vo DOSAAF, 1958. 223 p. 40,000 copies printed.

Ed.: Vasil'yev, A.A.; Tech. Ed.: Tsigel'man, L T.

**PURPOSE:** This book presents a discussion of the principles of jet propulsion and is intended for members of DOSAAF (the All-Union Voluntary Society for the Promotion of the Army, Aviation and Navy), particularly young members.

**COVERAGE:** The book describes the new element added to aviation by jet propulsion, explains the operation of a jet engine and how it achieves formerly unheard-of speeds, analyzes the differences between jet-propelled and piston-driven flight, and discusses the design of modern jet aircraft and related questions. Data from abroad on jet propulsion is also presented. The book closes with a dramatization of a scene aboard a future atomic rocket plane which will fly from Leningrad to Shanghai in 40 minutes. According to the author, the direction of further development must be to diminish the specific gravity of the power plants

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Jet Aircraft

which in the case of gas turbine engines can be accomplished in 5 ways: (1) Increase of the pressure ratio in each compressor stage. This makes it possible to decrease the number of stages of the compressor and cut down its weight. (2) Increase in the temperature of the working cycle of the engine. This requires use of new extra heat-resistant materials, especially for the manufacture of structural members and components which operate in the high-temperature zone. (3) Use of materials with highest possible mechanical properties for manufacture of structural members and components operating under conditions of comparatively low temperatures (for instance, the wheels of the stages of an axial compressor). (4) Improvement of the structural design of the elements of an engine, separately and in combination, such as the blades of the compressor, nozzle assembly and turbine, the rotor shaft, the control system, and so forth. (5) Use of welded structural members in an engine (for instance, steel compressor casings). The author mentions new types of fuel which will allow enormous increase in altitude

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Jet Aircraft

and speeds. A project for a high-altitude supersonic jet bomber, proposed by the well-known Austrian scientist Eugen Saenger, is mentioned, as well as the latter's report on so-called photon rockets at the International Conference on Jet Engines in 1956. The use of atomic energy for jet engines and the development of space ships is predicted. The book contains 85 figures.

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AVAILABLE: Library of Congress

IS/ksv  
7-18-58

Card 5/5

S/032/62/028/004/022/026  
B124/B101

AUTHORS: Bayev, L. V., Malinin, N. I., Rabotnov, Yu. N., and Shubin,  
I. A.

TITLE: Device for creep and relaxation testing of plastics

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 4, 1962, 498 - 500

TEXT: A testing device based on the loading of a lever is described. The size of the plastic specimens is 55 - 100 mm length, 1 - 10 mm thickness. The load of the lever can be changed between 0 to 200 or 500 kg. An improved model of the device for breaking load up to 1500 kg was tested. The loading limits are changed by replacing the lever with 1:10 arm ratio by a lever with ratio 1:4. For relaxation tests the loading is replaced by a spring. The device can be adjusted for constant temperature. No compensation for dynamometer deformation during the relaxation test is provided. Tests of KACT-3 (KAST-V) glass-reinforced plastic show low creep (0.5% at 10 kg/cm<sup>2</sup>) along the warp, and higher creep (3% at 7 kg/cm<sup>2</sup>) at an angle of 45° to the warp. There are 3 figures. ✓

Card 1/2

Device for creep ...

S/032/62/028/004/022/026  
B124/B101

ASSOCIATION: Institut obshchey i neorganicheskoy khimii Akademii nauk USSR  
(Institute of General and Inorganic Chemistry of the Academy  
of Sciences UkrSSR)

Card 2/2

✓



ACCESSION NR: AP4041782

S/0191/64/000/007/0039/0042

AUTHOR: Bayev, L. V., Malinin, N. I.

TITLE: Elasticity and creep of AG-4S glass plastics

SOURCE: Plasticheskiye massy\*, no. 7, 1964, 39-42

TOPIC TAGS: glass plastic, glass plastic AG-4S, elasticity, creep, Poisson coefficient, laminate, orthotropic property, shear modulus, laminated plastic

ABSTRACT: The orthotropism of the elastic properties of AG-4S glass plastics was investigated on 10-25 mm wide and 3-4 mm thick test samples cut out from 250 x 250 mm laminates. In addition, the elastic constants were determined at room temperature. Formulas are given for the calculation of the elastic coefficients, such as the modulus of elasticity, Poisson coefficient, shear modulus and the modulus characterizing the effect of shear on the tensile strain. It was found that the elastic characteristics of a material of uniform strength do not depend on the width of the sample (4-30 mm), but depend in part on the thickness of the laminate. This is due to the fact that with a constant number of layers (all laminates had the same number of layers), the difference in thickness of the separate laminates is determined by the different relative amounts of glass fibers and

Card

1/2

ACCESSION NR: AP4041782

resins, which affect the elastic properties of the material. The values of the modulus of elasticity and Poisson coefficient are tabulated for different  $\Phi$  angles with respect to the direction of the fibers. The creep under tensile stress at 30 and 100C and at  $\Phi = 0^\circ$  and  $\Phi = 45^\circ$  was tested in samples 3-45 mm thick and 10-25 mm wide. At  $\Phi = 45^\circ$  the creep of glass plastics is more than 10 times as high as at  $\Phi = 0^\circ$ , i. e. the anisotropy of the creep of glass plastics is considerable. It was found that the creep of AG-4S glass plastics increases 1.5-2 times on heating from 30 to 100C at  $\Phi = 0$ . For samples cut out at an angle of 45°, the creep increases 3-4 times on heating. The creep for compressed plastics is ten times as great at 100C as at 30C. Orig. art. has: 5 figures, 2 tables and 6 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 011

OTHER: 001

2/2

Card

BAYLY, N.A.

braking protection unit for wood processing apparatus. Der.  
pat. 14 no.10122 0 '65. (MIRA 18:12)

BAEV, N. A.

Dal'niaia sviaz'. Telecommunications. Utvershdeno v kachestve uchebnika dlia vtuzov sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1948. 460 p. diags.

Includes bibliographies.

DLC: TK5261.B2

Osnovy dal'nei sviazi. Principles of telecommunication. Dopushcheno v kachestve uchebnika dlia elektrotekhnicheskikh institutov sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1948. 456 p. diags.

DLC: TK6161.B2

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

*Bayev, N.A.*

SERGEYCHUK, K.Ya., redaktor; BAYEV, N.A., redaktor; NAUMOV, P.A., redaktor;  
KELIKOV, B.S., redaktor; VEYNTRAUB, L.B., tekhnicheskiy redaktor.

[Engineers' and mechanics' manual of electric communications]  
Inshenerno-tekhnicheskiy spravochnik po elektrosviasi. Moskva,  
Gos. izd-vo lit-ry po voprosam sviasi i radio. Vol.5 [Telegraphy]  
Telegrafiia. 1946. 251 p. (MLRA 9:6)

1. Russia (1923- U.S.S.R) Ministerstvo svyasi.  
(Telegraph)

BAEV, N. A.

Fundamentals of telecommunications. Approved textbook for electrical engineering communications institutes, Moskva, Gos. izd-vo lit-ry po voprosam sviezi i radio, 1948. 456 p. (49-28430)

TK6161.B2

BAYEV, N.A.; REZVIYAKOV, A.P.

Double wire carrier circuits for high frequency telephone channels.  
Radiotekhnika 9 no.2:68-76 Mr-Apr '54. (MIRA 7:8)  
(Telephone) (Electric circuits)

БАЙНУ, Nikolay Aleksandrovich; UDALOV, Aleksandr Petrovich; KOSHCHYEV,  
I.A., redaktor; BUSANKINA, N.G., redaktor; SOKOLOVA, R.Ya., tekhnicheskiy redaktor

[Lectures on concentrated element circuit theory] Lektsii po teorii tsepei s sosredotochenymi elementami. Moskva, Gos.izd-vo lit-ry, po voprosam svyazi i radio, 1955. 275 p. (MLRA 8:9)  
(Electric circuits)



YEVDOKIMOV, I.I.; ALEKSEYEV, V.D.; ASHIKHMIN, A.K.; BAYEV, N.V.; BEGLAR'YAN, P.A.; BYCHKOV, I.A.; VESLOVA, Ye.T.; VYZHEKHOVSKAYA, M.P.; GURETSKIY, S.A.; DEMIDOV, I.M.; YESIPOV, Ye.P.; ZHUKOV, V.D.; ZELINSKIY, M.G.; ZOL'NIKOV, P.T.; ZOLOTOVA, L.I.; KIVIN, A.N.; KOMARNITSKIY, Yu.A.; KONSTANTINOV, A.N.; KUL'CHITSKAYA, A.K.; MAKSIMENKO, I.I.; MELENT'YEV, A.A.; MOROZOV, I.G.; MURZINOV, M.I.; OZEMBLOVSKIY, Ch.S.; OSTRYAKOV, K.I.; PANINA, A.A.; PAVLOVSKIY, V.V.; PERMINOV, A.S.; PERSHIN, B.F.; PRONIN, S.F.; PSHENNYI, A.I.; POKROVSKIY, M.I.; RASPONOMAREV, Ye.A.; SEMIN, I.N.; SKLYAROV, Yu.N.; TIBABSHEV, A.I.; FARBBEROV, Ya.D.; FEDOROV, G.P.; SHUL'GIN, Ya.S.; YAKIMOV, I.A.; VERINA, G.P., tekhn.red.

[Labor feats of railway workers; stories about the innovators]  
Trudovye podvigi zheleznodorozhnikov; rasskazy o novatorakh. Moskva,  
Gos.transp.zhel-dor.izd-vo, 1959. 267 p. (MIRA 12:9)  
(Railroads) (Socialist competition)

BAYEV, N.V.; BOBROV, Ye.G.; DEMIDOV, G.A.; DENISOV, A.D.; ZHUKOV, N.Ya.;  
LELEKOV, Yu.S.; POZDNYAKOV, I.M.; POLKOVNIKOV, B.M.; TRIBURT, I.I.;  
TYURIKOV, A.A.; SHESTAKOV, A.I., inzh.; PESKOVA, L.N., red.;  
KHITROVA, N.A., tekhn. red.

[Advanced technology on railroads] Peredovaya tekhnologiya na  
zheleznoi doroge. Moskva, Vses. izdatel'sko-poligr. ob"edine-  
nie M-va putei soobshchenia, 1961. 84 p. (MIRA 14:12)  
(Railroads)

BAYEV, N Ye

✓ Evening Out the Properties of Coals in the Stockyard of a By-Product Coking Plant. M. G. Fel'dbrin, G. M. Derogobid, V. L. Krol, and N. E. Baev. (*Stal*, 1953, (2), 103-106). [In Russian]. This is an account of a full-scale study of the effects of bedding and mixing on the constancy of properties, mainly ash content, of coal charges proceeding to coke ovens making blast-furnace coke. Stockyard bedding was found to be most effective and the provision of adequate space in all new plants is urged. Where part of the coal does not pass through the bedding system it is suggested that this should be added in constant proportion from separate bunkers.—a. x.

Fuel

4

BAYEV, O.S., inzhener.

Four-spindle milling heads. Mashinostroitel' no.6:32-33 Je '57.  
Mashinostroitel' no.6:32-33 Je '57. (MIRA 10:7)  
(Milling machines)

BAYEV, OS

135-58-1-8/83

AUTHORS: Bayev, O.S., Skrynskiy, N.N., and Moshenskiy, Yu.A., Engineers.

TITLE: An Automatic Device for the Welding of Screening Machine Pipes (Avtomaticeskaya ustanovka dlya obvarki trub grokhotov)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 1, pp 25 - 27 (USSR)

ABSTRACT: The authors state that the service life of screening machines can be extended by increasing the stability of welded joints between the pipes and side parts of the screen boxes. The Voroshilovgrad plant imeni Parkhomenko together with the Kharkov Polytechnical Institute measured the actual stresses in the side pipes and sheets by the tersometric method. These stresses were relatively slight (300 to 350 kg/cm<sup>2</sup>). Observations have shown, however, that inspite of the low values of stress, requirements must be increased for welded seams, subject to dynamic loads, operating under difficult conditions. The collective of designers and technologists of the above named plant designed a model of an automatic device for the welding of these pipes. This model is (shown in Figure 1) consists of a welding head, moving alongside the guide bars of a turning beam; and a vertical stand. A special screw serves to lift or lower the beam and the welding head, according to the height of the pieces to be welded. The welding material

Card 1/2

135-58-1-8/23

An Automatic Device for Welding of Screening Machine Pipes

was low carbon steel, and the welding process was carried out with SV-08 or SV-15 rods 2 mm in diameter under AN-348 or CSTs-45 fluxes, applying a current intensity of 350 to 400 amp at a welding rate of 20 to 30 m/hour. The strength of these seams is 30 to 35% higher than that of manually welded seams. Compared with manual welding this automatic method improves the quality of joints and raises labor efficiency by 1.5 to 2 times. There are 6 figures.

ASSOCIATION: Voroshilovgradskiy zavod imeni Parkhomenko (The Voroshilovgrad Plant imeni Parkhomenko)

AVAILABLE: Library of Congress

Card 2/2 1. Pipes-Welding-Automation

AUTHOR: Bayev, O.S., Engineer SOV-117-58-9-3/22

TITLE: Equipment for Group Machining of Parts (Osnastka pri gruppovom metode obrabotki detaley)

PERIODICAL: Mashinostroitel', 1958, Nr 9, pp 16-18 (USSR)

ABSTRACT: Candidate of Technical Sciences, S.P. Mitrofanov, developed the group-machining of parts on metal cutting machine tools. Equipment used for this purpose has exchangeable and adjustable parts permitting the quick setting of machining parts of different dimensions and shapes. Information is presented on equipment used at the Luganskiy zavod imeni Parkhomenko (Lugansk Plant imeni Parkhomenko) for milling grooves, centering and drilling holes in bushings and in pins of plate chains. The following devices are described: milling head of the "6B82G" machine, consisting of two casings attached to the tool holder (Fig. 1) and fixed together with bars; a two-spindle milling head (Fig. 3) for the "6N82G" machine of rigid design (Fig. 4); special pneumatic clamps for fastening bushings of plate chains (Fig. 5); self-centering pneumatic device for drilling central holes in plate chain pins (Fig. 6); a device consisting of a two-spindle

Card 1/2

Equipment for Group Machining of Parts

SOV-117-58-9-3/22

drilling head and a plunger jig, having a set of exchangeable fixing parts and jig plates for simultaneous drilling of lubricating apertures in 2 bushings or 2 pins. There are 10 drawings.

1. Industrial production--USSR
2. Machine tools--Equipment
3. Metals--Machining

Card 2/2



BAYEV, O.S.

Device for straightening grinding wheels. Mashinostroitel' no.7:  
27 JI '60. (MIRA 13:7)  
(Grinding wheels--Maintenance and repair)

BAYEV, S.

Improve the planning and the state plan indices in marine transportation. Mor. flot. 24 no.11:8-10 N '64.

(MIRA 18:8)

1. Nachal'nik Planovo-ekonomicheskogo upravleniya Ministerstva morskogo flota.

BAYEV, S. (representative of the Minister of the Maritime Fleet)

"Mobilization of the Reserves of the Fleet to Guarantee Pre-Term-Fullfilment of the Fifth Five Year Plan," Morskoy Flot, No. 11, Nov 52.

1. BAYEV, S.
2. USSR (600)
4. Ships - Maintenance and Repair
7. Guaranteeing rapid and high-quality repair of ships. Mor. flot. 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

BAYEV, S.

Providing a fundamental improvement of construction work for ocean transportation. Mor.flot 15 no.4:1-3 Ap '55. (MIRA 8:5)

1. Nachal'nik Upravleniya kapital'nogo stroitel'stva Ministerstva morskogo flota.  
(Construction industry)

BAYEV, S.

More attention to sailor housing construction. Mor.flot 15 no.10:  
8-10 0'55. (MLRA 8:12)

1. Zamestitel' Ministra morskogo flota  
(Merchant seamen) (Housing)

BAYEV, S.

Ways of increasing labor productivity in the merchant marine. Mor.  
flot 16 no.4:1-5 Ap '56. (MLRA 9:8)

1. Zamestitel' ministra morskogo flota.  
(Merchant marine)

**BAYEV, S.**

Introduce without hesitation new over-all standards for harbor  
operations. Mor. flot 17 no.4:4-6 Ap '57. (MIRA 10:4)  
(Loading and unloading)



AUTHOR: Bayev, S.

SOV/130-52-7-24/35

TITLE: All for the Fatherland (Vse dlya Rodiny)

PERIODICAL: Metallurg, 1958, Nr 7, pp 38 - 39 (USSR).

ABSTRACT: The author describes his part in the early construction work at the Kuznetsk Metallurgical Combine and his subsequent service as a steel melter there. He was awarded a Stalin prize after the war, his crew having saved about 2 million roubles on the furnace and introduced rapid methods of steel melting. There is 1 illustration.

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine)

Card 1/1

1. Labor--Performance 2. Labor--USSR 3. Steel industry--USSR

BAYEV, S.

Marine transportation during the third year of the seven-year plan.  
Mor.flot 21 no.1:1-3 Ja '61. (MIRA 14:6)

1. Nachal'nik Planovo-ekonomicheskogo upravleniya Ministerstva  
morskogo flota.

(Shipping)

BAYEV, S.

Toward a new improvement in the economic aspects of the merchant  
marine. Mör. flot 23 no.5:1-3 '63. (MIRA 16:9)

1. Nachal'nik Planovo-ekonomicheskogo upravleniya Ministerstva  
morskogo flota.

(Merchant marine—Cost of operation)

~~BAZEV, S.P.~~  
ALKIMOVICH, A.V., insh.; ~~BAZEV, S.P.~~, insh.; MANASYAN, Yu.G., insh.; MENSHUTKIN,  
V.V., insh.; POZDEYEV, A.V., kand. tekhn. nauk; SHALIK, G.P., insh.

Remarks on the article "Data on atomic power equipment and its use  
on ships." Sudostroenie 22 [i.e.23] no.10:63 0 '57. (MIRA 11:2)  
(Atomic ships)

BAYEV, S.F., insh.

Clogging and cleaning of marine engine cooling units. Sudostroenie  
24 no.4:53-55 Ap '58. (MIRA 11:4)  
(Marine engines)

BAYEV, Stepan Mikhaylovich; BRUSKIN, Mikhail Il'ich; PUSTOVOY, Pavel  
Vanifat'yevich; LYAM, L.M., red.; TIKHONOVA, Ye.A., tekhn.  
red.

[Merchant marine at the time of the 22d party congress] Mor-  
skoi transport k XXII s"ezdu partii. n.p. Izd-vo "Morskoi  
transport," 1961. 30 p. (MIRA 15:5)  
(Merchant marine)

VISHNEPOL'SKIY, S.A., kand. ekon. nauk; BAYEV, S.M., inzh. putey soobshcheniya; BONDARENKO, V.S.; RODIN, Ye.D.; CHUVLEV, V.P.; TURETSKIY, L.S.; SMIRNOV, G.S.; SHAPIROVSKIY, D.B.; OBERMEYSTER, A.M.; SINITSIN, M.T.; KOGAN, N.D.; PETRUCHIK, V.A.; GRUNIN, A.G.; KOLESNIKOV, V.G.; MARTIROSOV, A.Ye.; KROTKIY, I.B. [deceased]; ZENEVICH, G.B.; MEZENTSEV, G.A.; KOLOMOYTSSEV, V.P., kand. tekhn. nauk; ZAMAKHOVSKAYA, A.G., kand. tekhn. nauk; MAKAL'SKIY, I.I., kand. ekon. nauk; MITROFANOV, V.F., kand. ekon. nauk; CHILIKIN, Ya.A.; BAKAYEV, V.G., doktor tekhn. nauk, red. Prinsipali uchastiye: DZHAVAD, Yu.Kh., red.; GUBERMAN, R.L., kand. ekon. nauk, red.; RYABCHIKOV, P.A., red.; YAVLENSKIY, S.D., red.; BAYRASHEVSKIY, A.M., kand. tekhn. nauk, red.; POZYUSHKIN, V.A., red.; BALANDIN, G.I., red.; ZOTOV, D.K., red.; RYZHOV, V.Ye., red.; BOL'SHAKOV, A.N., red.; VUL'FSON, M.S., kand. ekon. nauk, red.; IMITRIYEV, V.I., kand. ekon. nauk, red.; ALEKSANDROV, L.A., red.; LAVRENOVA, N.B., tekhn. red.

[Transportation in the U.S.S.R.; marine transportation] Transport SSSR; morskoi transport. Moskva, Izd-vo "Morskoi transport," 1961. 759 p. (MIRA 15:2)

(Merchant marine)

BAYEV, S. M.

Merchant marine in the fourth year of the seven-year plan  
period. Mor.flot 22 no.1:1-3 Ja '62. (MIRA 15:1)

1. Nachal'nik Planovo-ekonomicheskogo upravleniya Ministerstva  
morskogo flota.

(Merchant marine)



BAYEV, Stepan Mikhaylovich; ALEKSANDROV, L.A., red.; LAVRENOVA, N.B.,  
tekh. red.

[Ways to increase labor productivity in maritime transportation during the seven-year plan; lecture given for students of the applied economics of maritime transportation] Puti povysheniia proizvoditel'nosti truda na morskome transporte v semiletke; leksiia, pročitannaia dlia izuchaiushchikh kon-kretnuiu ekonomiku morskogo transporta. Moskva, Izd-vo "Morskoi transport," 1959. 80 p. (MIRA 15:9)  
(Merchant marine--Labor productivity)

LOMAKA, N.F.; BAYEV, S.V.; BYCHIN, A.I.; KOSHKIN, Yu.G.; URYAVIN, G.A.

Characteristics of blast furnace operation in the making of  
alumina slag from bauxite. Metallurg 10 no.3:6-9 Mr '65.  
(MIRA 18:5)

1. Alapayevskiy metallurgicheskiy kombinat.

BAYEV, S.Ya.

"School, labor, communism." Reviewed by S.IA. Baev. Biol. v shkole  
no.5:84-85 S-0 '58. (MIRA 11:11)

1. Zaveduyushchiy uchebnoy chast'yu Ordzhonikidzevskoy sredney  
shkoly No.5 Karachayevskogo rayona, Stavropol'skogo kraya.  
(Agriculture--Study and teaching)

BAYEV, S.Ya.

"School and work." Reviewed by S.IA.Baev. Biol.v shkole no.3:  
93-94 My-Je '59. (MIRA 12:9)

1. Zaveduyushchiy uchebnoy chast'yu ordzhonikidzevskoy sredney  
shkoly No.5 Karachayevskogo rayona Stavropol'skogo kraya.  
(Stavropol Territory--Agriculture--Study and teaching)

BAYEV, S.Ya., uchitel'

Using materials on regional production and resources in the  
teaching of chemistry. Khim.v shkole 14 no.4:78-81  
Jl-Ag '59. (MIRA 12:11)

1. Ordshonikidsevdskaya srednaya shkola No.5 Kurachayovskogo  
rayona Stavropol'skogo kraja.  
(Chemistry--Study and teaching)

BAYEV, S. Ya.

Work on creating a corn hybrid. Biol.v shkole no.1:64-65  
Ja-F '60. (MIRA 13:5)

1. Ordzhonikidzevskaya srednyaya shkola No.5, Karachayevskogo  
rayona, Stavropol'skogo kraja.  
(Corn breeding)

BAYEV, S.Ya.

Book on valuable experience in inculcating a communist concept of labor ("Inculcating a communist concept of labor; educational methods at a rural school" by V.A.Sukhomlinski. Reviewed by S.IA.Baev). Biol.v shkole no.4:89-90 J1-Ag '60. (MIRA 13:7)

1. Zavednyushchiy uchebnoy chast'yu Ordshonikidzevskoy sredney shkoly No.5, Karachayevskogo rayona, Stavropol'skogo kraya. (Agriculture--Study and teaching) (Sukhomlinski, V.A.)

BAYEV, S.Ya.

Growing medical plants on a school plot. Biol. v shkole no.3:51-53  
My-Je '62. (MIRA 15:7)

1. Direktor Ordzhonikidzevskoy odinnadtsatiletney shkoly No.5  
Karachayevakogo rayona Stavropol'skogo kraya.  
(Botany, Medical—Study and teaching)



LOGINOV, A., kand.pedagog.nauk; KOVACH, S.K. (g.Satanov, Khmel'nitskoy obl.); BAYEV, S.Ye., uchitel'; POPOVA, A.N., uchitel'nitsa; ZAMULIN, G.T.; YEMEL'YANOVA, T.I.; PYATNITSKIY, M.P.; YAROSHCHUK, N.A., uchitel'; CHISTYAKOV, V.M., uchitel'; LENSIN, A.S. (g. Novosibirsk); NOSKOV, V.I., (g.Feodosiya); RUD', K.A., uchitel'nitsa; VASIK, G.Ye., uchitel'; GAPONENKO, I.M.

Editor's mail. Khim. v shkole 15 no.3:73-78 My-Je '60. (MIRA 14:7)

1. Pedinstitut, g. Ulan-Bator (for Loginov).
2. Ordzhonikidzevskaya srednyaya shkola No.5, Stavropol'skiy kray (for Bayev).
3. Nikiforovskaya shkola sel'skoy molodezhi, Tambovskoy oblasti (for Popova).
4. Pedagogicheskiy institut g. Krasnodara (for Zamalin, Yemel'yanova, Pyatnitskiy).
5. Srednyaya shkola No.8, g. Vinnitsy (for Yaroshchuk).
6. Srednyaya shkola sovkhoza "Spartak" Saratovskoy obl. (for Chistyakov).
7. Srednyaya shkola No.14 g. Stalina (for Rud').
8. Shkola No.569 g. Moskvyy (for Vasik).
9. Pedagogicheskiy institut, g. Novozybkov (for Gaponenko).

(Chemistry—Study and teaching)

RAYEV, V. (g.Vil'nyus)

Economic training of trade-union workers. Sev.prefsoinuzy 4 no.3:  
57-59 Nr '56. (MLRA 9:7)

1.Zavednyushchiy prefkabinetom pri Litevskem respublikanskem sovete  
profsoyuzov.

(Vilnius--Economics--Study and teaching)

AUTHOR: Bayev, V. (Murmanskaya oblast') SOV/84-58-8-45/59  
TITLE: Idle Power Units (Silovoy agregat bez primeneniya)  
PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 8, p 31 (USSR)  
ABSTRACT: This short letter to the editor complains about the accumulation of unused power units in the storehouse of an unidentified radio center. The units are sent to the center with the RK-05 radio unit. The power is actually taken from the mains, and the power units (about ten of them already in storage) remain unused. The author asks how many similar power units may be idle in this way throughout the Aeroflot.

Card 1/1

BAYEV, V.

KOZLOV, V. (g. Astrakhan'); KULISHENKO, V., instruktor; GUSAROV, N.  
(Tatarskaya ASSR); GROMADCHENKO, A.; BAYEV, V.; SHCHEGLOV, A., instruktor

With the trade union organizations. Sov.profsoiuzy 7 no.3:62-64  
F. '59. (MIRA 12:3)

1. Kiyevskiy oblsovprof (for Kulishenko). 2. Rayprofsozh Karagandin-  
skogo otdeleniya zheleznoy dorogi (for Shcheglov).  
(Trade unions)