

L 57769-65

ACCESSION NR: AR5014860

layout for Pi-P-controllers. The author's recommendations are illustrated for the case of selecting setting parameters for single- and double-loop systems of automatic control of temperature stabilization in a reactor during ether hydration to alcohol, using pneumatic controllers of the MAUS type. M. L.

SUB CODE: IE

ENCL: 00

hjp
Card 2/2

KATS, D.M.; PLUTITSKIY, N.M.

Underground water balance in the Bukhara oasis. Dokl. AN Uz.
SSR no.9:23-27 '57. (MIRA 11:5)

1. Uzbekskaya gidrogeologicheskaya ekspeditsiya. Predstavleno
chlenom-korrespondentom AN UzSSR R.A. Alimovym.
(Bukhara province--Water, Underground)

KATS, D.M.; PLUTITSKIY, N.M.; KHAVROSHCHENKO, V.K.

Effect of the drainage on the regime of ground waters in the
Bukhara Oasis. Trudy VSEGINGEO no.10:210-218 '64.

(MIRA 17.10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii
i inzhenernoy geologii.

ПЛОТНИКОВА, Д.К.

BALABUKHA, D.K.; MYASNIKOV, L.L.; PLOTNIKOVA, Y.G.

Modulation method for measuring small electric voltages in the
acoustic frequency range. Akust. zhur. 2 no.3:248-254 J1-S '56.
(MLBA 9:12)

1. Leningradskiy Korablestroitel'nyy institut.
(Millivoltmeter) (Sound--Measurement)

SOV/110-58-12-6/22

AUTHOR: Plutser-Sarno, Yu.N., Engineer

TITLE: Efficient Control of the Traction Motors of an
electric locomotive (Uspolneniye i optimizatsiya
byagovogo elektrodvigatelya teplovoza)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 12, pp 21-25 (USSR)

ABSTRACT: This is a formal mathematical article about traction motor design and is concerned principally with permissible values of voltage developed in the motors during different conditions of operation. The main point considered is that traction motors must operate under variable speed conditions with constant output. Expression (15) is derived: if the conditions given in this expression are observed the machine can operate over a wide speed-range without affecting the volume of active material in the motor armature. The limiting values of electro-magnetic loading can be fixed as if the machine worked at constant speed. This expression can be used to predetermine approximately the control conditions of the motor, given the speed schedule and various other information. The terminal voltage conditions of the motors should satisfy expressions (22)

Card 1/2

SOV/110-58-12-6/22

Efficient
Locomotive

Control of the Traction Motors of an Electric

and (25): ways of doing this are considered. A brief numerical example of the use of the formulae is given. There are 2 Soviet references.

SUBMITTED: 17th January 1958

Card 2/2

AUTHOR: Plutser-Sarno, Yu.N., Engineer SOV/110-59-2-14/21
TITLE: The Selection of Parameters of the Earth Protection Relay
of a Diesel Electric Locomotive (Ratsional'nyy vybor
parametrov tsepi rele zazemleniya teplovoza)
PERIODICAL: Vestnik Elektropromyshlennosti, 1959, Nr 2, pp 60-62 (USSR)
ABSTRACT: The earth protection relay in a diesel electric
locomotive disconnects the supply to the generator field
when earth faults occur in the power circuits. Usually
the relay operating coil in series with an additional
resistance is connected between earth and the negative
pole of the supply. The relay must operate fast enough
to prevent damage to the main equipment in the event of a
fault. A formula is given for the most important
components of the operating time, and the influence of
design characteristics of the relay operating coil on this
time are examined. It is shown that to keep the time
short it is necessary to reduce both the inductance and
the ohmic resistance of the relay coil. Design formulae

Card 1/2

NOV 21 1958
The Selection of Parameters of the Earth Protection Relay of a Diesel Electric Locomotive

are given for the coil and a numerical example of design is given in a brief appendix.
Card 2/2 There are 3 figures.

SUBMITTED: September 15, 1958

FLUTSER-SARNO, Yu.N., inzh.; MIKHNEVICH, G.A., inzh.; LIPOVKA, V.I., inzh.;
ARONOV, M.I., inzh.; BUDNITSKIY, A.A., inzh.

Improving the circuit of d.c.electric driving for diesel locomotives.
Vest.elektrom. 33 no.1:47-52 Ja '62. (MIRA 14:12)
(Diesel locomotives--Electric driving)

ARONOV, M.I., inzh. (Khar'kov); PLUTSER-SARNO, Yu.N., inzh. (Khar'kov)

Arrangement and operation of the magnetic amplifier. Elek.1
tepl.tiaga 6 no.2:28-30 F '62. (MIRA 15:2)

(Magnetic amplifiers)
(Diesel locomotives)

PLUTSER-SARNO, Yu.N., inzh. (Khar'kov)

Excitation system of the traction generator of the **TE-10**
diesel locomotive. Elek.i tepl.tiaga 3 no.8:7-11
Ag '59. (MIRA 12:12)

(Diesel locomotives)

PLUTSER-SARNO, Yu.N., inzh.

Optimal selection of parameters for the grounding relay circuit of
diesel locomotive. Vostok, elektroprom. 10 no.2:60-62 # 199.
(MIRA 12:11)

(Diesel locomotives) (Electric engines)

PLUTSER-SARNO, Yu.N., insh.

Efficient control of the traction electric motor of diesel-
electric locomotives. Vest.elektrom. 29 no.12:21-25 D '58.
(MIRA 11:12)

(Diesel locomotives)

~~PILETSE-SARNO~~, Yu. N., inzhener.

Operating a gas turbine locomotive. Vest. elektroprov. 28 no.1:30-32
Ja '57. (MLRA 10:4)

1. Khar'kovskiy elektroturbinnyy zavod Ministerstva elektrotekhnicheskoy promyshlennosti.
(Gas turbine locomotives)

5(4)

SOV/20-123-4-43/53

AUTHORS:

Khodakov, G. S., Plutskis, E. R.

TITLE:

On the Solubility of Finely Crushed Quartz in Water (O rastvorimosti tonkoizmel'chennogo kvartsa v vode)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 4, pp 725-728 (USSR)

ABSTRACT:

The present paper deals with the solubility of quartz powder in distilled water. The degree of dispersion of the powder under investigation was estimated according to its specific surface. The quantity of quartz contained in the solution was photolorimetrically determined. Also the influence of the glass from which the vessel is made and of the silicon in the steel container was taken into account. The first diagram shows the curves of the kinetics of the dissolution of finely ground quartz sand in water. The course taken by these curves confirms the formation of a true (and not of a colloidal) solution. These curves are well described by the kinetic equation

$$C = C_{\text{solubility}} (1 - e^{-k\tau})$$

Here C denotes the concentration

Card 1/3

of the SiO_2 passing into the solution within the time τ ,

$\ln \frac{C_{\text{solubility}}}{C_{\text{solubility}} - C} = k\tau$; it is confirmed by experimental data. The constant k does not depend on the duration of quartz crushing and amounted in the case of the experiments discussed here to 0.056 days^{-1} . A prolongation of the duration of the dry crushing of the quartz increases the values of $C_{\text{solubility}}$.

According to the data obtained, the investigated powders of finely ground quartz sand have practically the same surface. According to the authors' data, the solubility of the finely ground quartz in water at room temperature in some cases attains the value of 120 mg/l, which surpasses the solubility of coarse-crystalline quartz by 20 times its amount. This abnormally high solubility may be explained by a destruction of the crystal structure of quartz in the grinding mill. The here discussed data make it possible to explain the mechanism of the formation of the hydrosilicates of calcium and magnesium

Card 2/3

On the Solubility of Finely Crushed Quartz in Water SOV/20-123-4-43/53

in the interaction of their hydroxides with the finely ground sand in water at room temperature. Also the part played by sand filling medium of concrete with a low cement content, which was ground in a vibration mill, may be explained in a similar manner. The authors thank Academician P. A. Rebinder, D. S. Sominskiy, V. B. Ratinov and L. A. Feygin for discussing results and for their valuable advice, and they also thank N. I. Gludina for her assistance. There are 3 figures, 1 table, and 16 references, 12 of which are Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut tonkogo izmel'cheniya Akademii stroitel'stva i arkhitektury SSSR
(All-Union Scientific Research Institute for Fine Grinding of the Academy of Building and Architecture, USSR)

ISSUED: July 29, 1950, by L. A. Bekhteva, Academy of Sciences

RECEIVED: July 29, 1950

Card 3/3

KHODAKOV, G.S.; PLUTSIS, E.R.

Solubility of fine quartz in water. Dokl. AN SSSR 123 no.4:
725-728 D'58. (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tonkogo ismel'-
cheniya Akademii stroitel'stva i arkhitektury SSSR. Predstavleno
akademikom P.A.Rebinderom.
(Quartz) (Solubility)

APPEKABOV, Ya.A., inzh.; BOBILAN, Yu.L., inzh.; ZAPLAYEV, Ya.G.,
inzh.; KUDACHEV, D.L., inzh.; PLATONOV, N.M., Yuzh., inzh.;
SNOBYANINOV, A.Ya., inzh.; SPIVAK, Ya.L., inzh.; STAIRAN,
B.N., inzh.; EPSTEYN, A.S., inzh.; SAZONOV, A.G., inzh.,
red.; USENKO, L.A., tekhn. red.

[The TE10 diesel freight locomotive] Gruzovoi teplovoz TE10.
Moskva, Transzheldorizdat, 1962. 171 p. (MIRA 15:10)
(Diesel locomotives)

PLUTUS, Karl; ROOPALU, Henn; LUKAS, A., red.; KOHU, H., tekhn.
red.

[Shall we have cooperative, collective or individual dwell-
lings?] Kooperatiiv-, kollektiiv-voi individuaalelamu?
Tallinn, Eesti Riiklik Kirjastus, 1963. 93 p.

(MIRA 16:12)

(Housing)

PLUTYNSKI, A.

"There is curde oil. It is necessary to bore. p.21

PRZEGLAD TECHNICZNY. (Naczelna Organizacja Techniczna) Warszawa, Poland
Vol.80, no.42, Oct. 1959

Monthly list of East European Accessions (EEAR) LC, Vol.9, no.1, Jan. 1960

Uncl.

PLUTYNSKI, K.

Use of reloading pallets in Polish and international
transportation. p. 72. NORMALIZACJA, Warszawa. Vol. 24, no. 2,
Feb. 1956.

SOURCE: East European Acession (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

PLUTYNSKI, K.

5033

650.615.073.23 : 621.790.13

Plutyński K. The Technology of Handling Barreled Products.

"Technologia przeladunku towarów beczkowych". Technika i Gospodarka Morska. No. 9, 1953, pp. 310-321, 8 figs.

A survey of the present technology of handling products in barrels, drums and tins. Outline of a new, improved technology of handling by means of mechanical equipment and palletization.

PLUTYNSKI, Kazimierz, mgr., (Warszawa)

Storage manipulations in Polish sea harbors. Przegl mech 20 no.23:
708-713 '61.

(Poland—Harbors) (Poland—Storage)

P.T.A.

Mechanics

316

621.791.054

Fludański S., Prof. Eng. Machine Cutting at High Temperatures.
„Otróbka skrawaniem przy wysokich temperaturach”. Przegląd
Mechaniczny. No 1—3, 1950, pp. 52—57, 3 figs., 3 tabs.

A description of tests made at the Metal Working Institute of
the Warsaw Polytechnic School on machine cutting at high tempera-
tures. Results obtained and conclusions drawn. Research carried out
abroad on machining at high temperatures.

PLUZANSKI, S.

Pluzanski S., Prof.

Pluzanski S., Prof. Eng. "Machine Cutting at High Temperatures." (Obrotka skrawaniem przy wysokich temperaturach). Inzynierstwo Mechaniczne, No. 1-2, 1950, pp. 52-57, 3 figs., 2 tabs.

A description of tests made at the Metal Working Institute of the Warsaw Polytechnic School on machine cutting at high temperatures. Results obtained and conclusions drawn. Research carried out abroad on machining at high temperatures.

SO: Polish Technical Abstracts - No. 2, 1951

PLUZEK, J.; SIKORA, J.

Standardization of flat jaws for thread rolling. p. 500.

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich)
Warszawa, Poland. Vol. 31, no. 10, Oct. 1958.

Monthly list of East European Accessions Index, (EEAI), IC, Vol. 8, no. 6,
June 1959
unclm.

BIZON, Zdzislaw; PANKOW, Tadeusz; PLUZEK, Zenomona; WINID, Boguchwal;
WISZNIEWSKA, Ewa

Introduction to the ecology of suicides in Krakow. (1st report).
Neurol. neurochir. psychiat. pol. 13 no.1:62-74 '63.

1. Z Wojewodzkiej Przychodni Zdrowia Psychicznego w Krakowie
Dyrektor: lek. med. T. Pankow.
(SUICIDE) (STATISTICS)

MAL'KOV, V.O., inzh.; PRILEPSKIY, V.I., inzh.; DUBROV, V.S., inzh. V raboto
prinimani ushastiyu; KHIL'KO, M.M., inzh.; MERSHCHIY, M.P., inzh.;
CHETVERIKOV, V.Ya., inzh.; KUROV, I.N., inzh.; RATNER, B.R., inzh.;
BUBYCHEV, G.D., inzh.; ALFEROV, K.S., inzh.; PAVLENKO, N.M., inzh.;
FINKEL'SHTEYN, M.M., inzh.; PLUZHKO, N.F., inzh.; SAMSONOV, T.F.,
inzh.; BABENKO, N.N., inzh.; LAD'YANOV, N.I., inzh.; TUFIL'KO, V.S.,
inzh.

Decoxidizing and alloying 25G2C steel with ferromanganese and ferro-
silicon in 200-ton ladles. Stal' 20 no.9:803-806 S '60. (MIRA 13:9)
(Steel, Structural--Metallurgy)

PLUZHNIHENKO, T.F., starshiy prepodavatel' (Dublyany, L'vovskoy obl.)

Hexachloran in controlling flax fleas. Zashch. rast. ot vred.
i bol. 7 no.11:53 N '62. (MIRA 16:7)

LAZARENKO, A.S.; PALIY, V.F.; PLUZHNYCHENKO, T.F. [Pluzhnychenko, T.F.]

Mosses as food for flax flea beetles. Dop. AN URSR no.7:955-959
'60. (MIRA 13:8)

1. L'vovskiy muzey nauchnogo prirodovedeniya AN USSR. 2. Chlen-
korrespondent AN USSR (for Lazarenko).
(Mosses) (Flea beetles)

GORDON, Yu.N.; D'YAKOVA, T.V.; PLUZHNIK, A.P.

The polyclinic section is the basis of the consolidated hospital.
Sov.zdrav. 18 no.12:3-6 '59. (MIRA 13:4)

1. Iz klinicheskoy bol'nitsy No.1 Tsentral'nogo rayona Odessy.
(HOSPITALS)

PLUZHNIK, V.A.

KRUSTAL', M.S.; PLUZHNIK, V.A.

Laying ceramic recuperators. Metallurg. 3 no.3:28-30 Mr '58.
(MIRA 11:3)

1. Zavod "Krivorozhstal' " (for Krustal'). 2. "rest "Soyuzteplostroy"
(for Pluzhnik).
(Heat regenerators)

Pluzhnik, V.A.

AUTHORS: Krustal', M.S. and Pluzhnik, V.A. 130-3-14/21

TITLE: The laying of ceramic recuperators. (Mladka keramicheskikh rekuperatorov).

PERIODICAL: Metallurg, 1958, No.3, pp.28-30 (USSR).

ABSTRACT: Pointing out that even with the Stal'proyekt design of ejector hot gas and air burners the pressure difference between the air and flue passages of ceramic recuperators can amount to 25 - 30 mm water gauge, the authors discuss the laying of recuperators in relation to air losses. They describe a new technique now adopted at the "Krivoroshstal'" Works which enables the number of bricklayers capable of working simultaneously to be doubled by the use of wooden platforms resting on the dividing walls (Figs. 3 and 4) which are built up as the work progresses. The adoption of the new technique is said to have enabled air leaks to be reduced to 20%, the laying time to be reduced by 25 days and air temperatures of 600 - 650°C to be achieved.

Card 1/1 There are 4 figures.

ABBREVIATIONS: "Krivoroshstal'" Works and the "Krivoroshstal'".
AVAILABLE: Library of Congress.

PLUZANSKI S.

Lodzie, statki i okręty (Boats, vessels and ships) by S. Pluzanski. Reported
in New Books (Nowe Książki.) March 1, 1956.

PLUZEK, J.; ZYGADLO, R.

Machine tools for the chemico mechanical machining of sintered carbides.
p. 131. (Mechanik, Vol. 29, No. 4, Apr 1956, Warsaw, Poland)

50: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

PLUZEK, J.

Applying pressure-forming processes in the mass production of threading tools.
p.288.

MECHANIK (Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich.) Warszawa
Vol. 28, no. 8, Aug. 1955

So. East European Accessions List

Vol. 5, No. 9

September 1956

PLUZEK, J.

An example of surface treatment in the production of gear cutters. P. 60 MECHANIK Warszawa (Stowarzyszenie In-
zierow i technikowPolskich) Vol. 28, no. 2, February 1955

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

PLUZEK, J.

PLIZEK, J. Cooperation between technical control personnel and other departments of an industrial establishment. p. 463.
Vol. 27, no. 11/12, Nov./Dec. 1954.
MECHANIK. Warszawa Poland

SOURCE: East European Accessions List (EEAL) IC Vol. 5, no. 6, June 1956

FLYZEK, J.; ZYGLIK, P.

"Technology of the Mechanical and Chemical Treatment of Metals", p. 135,
(MECHANIK, Vol. 27, No. 5, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), 16, Vol. 4, No. 5,
May 1955, Uncl.

MUN'KO, T.; PLUZHNIK, A.

Centers of technical progress. Sov. profsoiuzy 16 no.18:39 8 '60.
(MIRA 13:10)

(Factory libraries)

PLUZHNİK, A.I.; KORENEVSKIY, V.P., vedushchiy red.

[Plastics in the manufacture of machinery; review of Russian and foreign patent literature] Plasticheskie massy v mashinostroenii; obzor otechestvennoi i zarubezhnoi patentnoi literatury. Moskva, Gos.nauchno-issl.in-t nauchn.i tekhn.informatsii, 1959. 64 p. (MIRA 13:12)
(Plastics) (Machinery industry)

KOROTKOV, P.Ya.; PLUZHNIK, A.P.

Work practices of draftsman V.F.Perunova. Geod.1 kart.no.2:66-68
Ap '56. (Cartography) (MLBA 9:10)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

11T AND 12ND ORDER) PROCESSES AND PROPERTIES INDEX

SA

A 548

3513. Formation of Crystallisation Centres in Supercooled Liquids. Part I. V. Danilov, E. Pluzhnik and B. Teverovskiy. *J. of Exp. and Theor. Physics, U.S.S.R.* 9:1 pp. 66-71, 1939. In Russian. —It was found that supersonic waves increased the speed of formation of crystallisation centres in supercooled piperine; the character of the relation between this speed and the degree of supercooling is also affected by supersonic waves. D. S.

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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PROCESSES AND PROPERTIES INDEX

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Formation of centers of crystallization in an undercooled liquid. I. Crystallization of piperine in an ultrasound field. V. I. Danilov, E. E. Plushnik and B. M. Teverovskii. *J. Exptl. Theoret. Phys.* (U.S.S.R.) 9, 66-71 (1939).—When molten piperine is undercooled from 30 to 70° in an ultrasound field of frequency 1.8×10^6 hertz the rate of formation of crystal nuclei and the rate of growth of the crystals increase with the intensity of the field. In the absence of the sound field, the max. rate of formation of nuclei occurs at 50-60° undercooling depending upon the sample used, in the sound field a second max. is found at 35-45° on the Tammann curves and may become the chief max. in strong fields. P. H. R.

ASB-514 METALLURGICAL LITERATURE CLASSIFICATION

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PLUZHNIK, Aleksandr Ivanovich; SMIRNOV, Gennadiy Mikhaylovich;
FRIDMANOV, V.S., red.

[Patents and patent information] Patenty i patentnaya
informatsiya. Leningrad, 1964. 40 p. (MIRA 18:4)

SMOLENSKAYA, T.M.; PLUZHNIK, I.N.

Abcess of the brain following tonsilectomy: Zhur.ush., nos. 1
gorl.bol.23 no.3:86-87 My-Je'63. (MIRA 16:7)

1. Iz 1-y Sevastopol'sloy gorodskoy bol'nitsy (glavnyy vrach-
zasluzhennyy vrach UkrSSR A.V.Denepova).
(BRAIN—ABSCESS) (TONSILS—SURGERY)

PLUZHNIK, I.N., Mayor med. sluzhby.; KOROTKOV, N.T., starshiy leytenant med. sluzh-
by.

Case of lung injury due to pressure and burns of the mucosa of the eyes
and upper respiratory tract. Voen.-med.zhur. no.11:79-80 N '56.

(RESPIRATORY ORGANS--DISEASES)

(MIRA 12:1)

(BURNS AND SCALDS)

Pluzhnik, M.
PLUZHNIK, M., master sushki.

For 420 revolutions of the tunnel dryers per year. Stroi.mat.
3 no.7:5-6 J1 '57. (MIRA 10:10)

1.Korchevatskiy zavod No. 11.
(Kiev--Drying apparatus)

PLUZHNIK, V.I.

Selective comminution of ore in a field of ultrasonic waves.
Izv. DGI 42:281-285 '64. (MIRA 18:11)

PLUZHNIE, V.I., aspirant

Clarification of flotation tailings by electrocoagulation.

Izv. DGI 41 pt.2:56-60 1962.

Fields for applying electrocoagulation methods. Ibid.:61-64
(MIRA 18:9)

PIJZHNIK, V.I., inzh.

Intensification of the washing of ores by the ultrasonic
method. Izv.vys.ucheb.zav.; gor.zhur. 6 no. 12:202-207 '63.
(MIRA 17:5)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artema. Rekomendovana kafedroy gornoy elektrome-
khaniki.

PLIUSHNIK, V.I., kand. tekhn. nauk; SHPAGHNER, A.G., inzh.

Emulsification of bitumen with the help of ultrasonic vibrations.
Izv. vys. ucheb. zav.; gor. zhur. 7 no.10:174-178 '64.

(E116 18:1)

I. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni Leningy
Inzhinernyy Institut imeni A.Loma, tekhnicheskaya fakul'tet obogashcheniya
poleznykh iskopaemykh.

PLUZHNIK, V.I., inzh.

Principles of automation of a centrifugal, air-lift unit for the
flotation of coal. Izv. vys. ucheb. zav.; gor. zhur. no.2:137-140
'61. (MIRA 14:3)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni artema. Rekomandovana kafedroy obogasheniya
palemykh iskopayemykh Dnepropetrovskogo gornogo instituta.
(Flotation) (Automatic control)

SOV/68-59-9-13/22

AUTHORS: Tsarev, M.N., Shpakler, A.G., Korchagin, L.V., Pluzhnik, V.I., Zel'din, B.B. and Bul'shteyn, B.M.

TITLE: Utilisation of Pitch and Pitch Distillates as Binders for Briquetting Coal Fines.

PERIODICAL: Koks i khimiya, 1959, Nr 9, pp 45 - 49 (USSR)

ABSTRACT: Binding properties of pitches from various works and the application of pitch distillates as binders in briquetting coal fines was investigated. It was established that the binding properties of pitches from various works (properties, Table 1) differ considerably. Binding properties of pitches were correlated with their crushing strength. With increasing crushing strength the quality of the briquettes improves. The crushing strength of pitch depends on the content of free carbon and insoluble in carbon disulphide residue. Physico-chemical properties of pitches depend mainly on the composition of coking blends and tar distillation conditions. Pitch produced from a blend containing an increased proportion of lean coals contain more carbon disulphide insoluble residue and possess poorer binding properties. Pitch produced by batch distillation possess lower mechanical strength and poorer

Card 1/3

Utilisation of Pitch and Pitch Distillates as Binders for Briquetting Coal Fines

binding properties than those produced on continuous distillation plants. Liquid pitch distillates cannot be used directly as binders (due to their low viscosity). Additions of 20 - 30% of pitch distillates to pitch increases the quality of the briquettes due to a decrease in the melting temperature of pitch and a more uniform coating of coal grains. Preparation of water emulsion from mixtures of pitch and liquid pitch distillate (Table 4) and its application as a binder improves the quality of the briquettes and decreases the consumption of pitch. Oxidation of liquid pitch distillate with air transfers it into the solid state with a softening temperature about 60°C. The product so obtained possesses high binding properties and if used in a proportion of 8 - 10% (of coal) can replace pitch. Water emulsion can be produced from the oxidation product which when applied as a binder improves the quality of the briquettes. Additions of pitch distillate to the coal permits decreasing the proportion of binder (pitch) by 10 - 12%, (Table 7).

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SOV/68-59-9-13/22

Utilisation of Pitch and Pitch Distillates as Binders for
Briquetting Coal Fines

There are 7 tables and 6 Soviet references.

ASSOCIATIONS: Stalinskiy sovnarkhoz (Staline Sovnarkhoz)(Tssrev);
Dnepropetrovskiy gornyy institut (Dnepropetrovsk
Mining Institute); (Shpakler, Korchagin, Pluzhnik);
Mospinskaya briketnaya fabrika (Mospino Briquetting Works) (Zel'din,
Bal'shteyn)

Card 3/3

PLUZHNIKOV, A.

Under community control. Grazhd. av. 19 no.3:10 Mr '62.
(Housing) (Construction) (MIRA 15:5)

SOV/84-58-12-46/54

AUTHOR: Pluzhnikov, A., TsK Inspector of the Aviation Workers Trade Union

TITLE: Bigger and Better Building (Stroit' bol'she i luchshe)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 12, p 35 (USSR)

ABSTRACT: The author deals with the 1958 housing situation, inadequately met by many territorial administrations. He raises the conditions of the Volga territorial administration at present which are more than 100% of the national average. He points out that the official position of the government is that the housing situation of a much, an unsatisfactory delivery system, and poor organization account for similar delays in aviation units of the Volga territorial administration, Western Siberia, Ural, Kazakhstan, and the Moldavian and Lithuanian Republics.

Card 1/1

LIVSHITS, S.; PLUZHNIKOV, A.

Keep her so! Mor.flot 23 no.6:3-4 Je '63. (MIRA 16:9)

1. Kapitan teplokhoda "Amur" (for Livshits).
 2. Pervyy pomoshchnik kapitana teplokhoda "Amur" (for Pluzhnikov).
- (Merchant ships--Passenger accommodations)

PLUZHNIKOV, A.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001341320017-9

Build bigger and better. Grazhd.av. 15 no.12:35 D '58.

(MIRA 12:2)

1. Inspektor Tsentral'nogo komiteta profsoyuzav aviarabotnikov.
(Housing)

PLUZHNIKOV, A. A.

Pluzhnikov, A. A.

PLUZHNIKOV, A. A. (PLUZHNIKOV, A. A.)

PLUZHNIKOV, A. A. (PLUZHNIKOV, A. A.)

PLUZHNIKOV, A. A. (PLUZHNIKOV, A. A.)

PLUZHNIKOV, A.I.

Effect of production errors in a radial-flow piston multiple-~~a~~ ion
hydraulic engine on the irregularity of its rotation. Vopr. tekhn.
izm. v mashinostri.; nauch.-tekh. stor. no. 4:198-204 '64
(MIRA 18:1)

PLUZHNIKOV, A.I., kand. tekhn. nauk, nauchn. red.; KRYMSKIY, A. N.,
kand. tekhn. nauk, red.; ZHURAVLEVA, M.N., red. izd-va;
DEMKINA, N.F., tekhn. red.

[Using stepless transmissions in tractors and agricultural machines] Primenenie besstupenchatykh peredach v traktorakh i sel'skokhoziaistvennykh mashinakh; sbornik dokladov. Moskva, Mashgiz, 1963. 157 p. (MIRA 16:9)

1. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Tsentral'noye pravleniye.
(Agricultural machinery--Transmission devices)
(Tractors--Transmission devices)

DEMIN, G.I.; PLUZHNIKOV, A.I.; CHURAKOV, A.M., inzh.; ZHILIN, I.S., inzh.;
MAKAROV, D.N., inzh.; LEMENEV, N.D., inzh.; SHTSHLOV, D.D., inzh.;
IGLUN, V.P., inzh.; YEVLAYEV, K.S., laborant; KISRIKOV, V.V.,
laborant; KOTEL'NIKOV, V.V., laborant; TYULKNEVA, N.I., laborant

Transfer of a top secret document to the USSR by means of a
self-acting device (the device was used by the USSR) (SECRET)

I. Moshovakly (the device) (the device, the device).
(European, Russian)

DEMIN, G.I.; PLUZHNIKOV, A.I.

Heat balance in a recuperative, steel smelting, recirculation furnace.
Izv. vys. ucheb. zav.; chern. met. 5 no.9:188-192 '62. (MIRA 15:10)

1. Moskovskiy institut stali i splavov.
(Smelting furnaces) (Heat-Transmission)

PLUZHNIKOV, A.I., kand.tekhn.nauk, dotsent

Using differential hydraulic drives with intracoaxial arrangement
for machine tools. Issl.v obl.metallorzh.stan. no.4:208-219
'61. (MIRA 14:12)

(Machine tools--Hydraulic driving)

DEMIN, G.I., dotsent; PLUZHNIKOV, A.I., inzh.

Results obtained by the use of recuperators in steel smelting
Nurneom. Stal' 21 no.9:852-856 S '61. (MIRA 14:9)

1. Moskovskiy institut stali.
(Heat regenerators)

DEMIN, G.I.; PLUZHNIKOV, A.I.

Design of burners for self-carburetting gas. Izv.vys.ucheb.zav.;
chern.met. 4 no.9:162-170 '61. (MIRA 14:10)

1. Moskovskiy institut stali.
(Gas burners)

PLUZHNIKOV, A.I., kand.tekhn.nauk

Precision analysis of gear and screw cutting machines. [Trudy]
Izh.mekh.inst. no.2:3-15 '59. (MIRA 13:10)
(Gear-cutting machines) (Screw-cutting machines)

PLUZHIKOV, A.I., aspirant.

Precision of cylindrical varying-ratio gear drives. Issl.
v obl. metallorezh.stan. no.3:60-73 '55. (MLRA 10:2)

(Gearing) (Machine tools)

SOV/145-58-7/8-23/24

25 (1)

AUTHORS: Pluzhnikov, A.I., Candidate of Technical Sciences,
Semenikhin, A.I., and Shavrin, Yu.T., Engineers

TITLE: Cutting Multiturn Non-Round Toothed Wheels with Chasing Tool by the Method of Rolling

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Mashinostroyeniye, 1958, Nr 7-8, pp 202-206 (USSR)

ABSTRACT: Non-round toothed wheels find application in certain branches of precision machine building. Up to the present, manufacturing of such wheels was performed by the method of copying with the application of slotting tool. This method possesses a number of shortcomings; reference F.L. Litvin and N.S. Yablonskiy, "Designing and Cutting Teeth on Multiturn Non-Round Wheels", "Priborostroyeniye", Nr 6, 1957 [1]. The cutting by the method of rolling was firstly introduced by the firms "Fellow" and "Bopp and Reyter". Later on, this method was developed in the USSR. Reference: F.L. Litvin, "Non-Round Toothed Wheels", ✓

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SOV/145-58-7/8-23/24

Cutting Multiturn Non-Round Toothed Wheels with Chasing Tool by the Method of Rolling

Mashgiz, 1956 [27]; F.L. Litvin, "Non-Round Toothed Wheels", "Stanki i instrument", Nr 9, 1956 [37]. The present article deals with the multiturn toothed wheel cutting by the method of rolling offered by the authors. The general outlay of the cutting machine is illustrated in Fig 1. The main components of this machine are a toothed calibrating pair consisting of a rack 3 and wheel 4, and a cam calibrating pair comprising the smooth rack 5 and cam 6. These two pairs represent the rolling mechanism; it ensures both the reception of the required pitch on the wheel surface and the obtaining of given dividing radii. The kinematic outlay of the cutting machine is given in Fig 2; its cross section in Fig 3. The installation is intended for a large serial production. It is expected that after the introduction of this method of cutting, the labor efficiency will be increased by, approximately, 15 times as compared to what it was

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SOV/145-58-7/8-23/24

Cutting Multiturn Non-Round Toothed Wheels with Chasing Tool by
the Method of Rolling

when the copying method was applied. There are 3 figures and 3 Soviet references.

ASSOCIATION: Izhevskiy mekhanicheskiy institut (Izhevsk Mechanics Institute)

SUBMITTED: March 10, 1958



Card 3/3

PLUZHNIKOV, A.I., kand.tekhn.nauk; SEMENIKHIN, A.I., inzh.; SHAVRIN, Yu.T.,
inzh.

Machining multiturn noncircular gears by rolling with chasers.
Izv.vys.ucheb.zav.; mashinostr. no.7/8:202-206 '58.
(MIRA 12:8)

1. Izhevskiy mekhanicheskii institut.
(Gear cutting)

PLUZHENIKOV, A. I.

"A Means of Calculating the Precision of Gear-Cutting and Thread-Cutting Machine Tools Operating by the Forced-Roll Method." Cand Tech Sci, Moscow Machine Tool and Tool Inst imeni I. V. Stalin, 1 Dec 54. (VI, 19 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

ARTYUSHIN, L.F.; SHUBINA, G.Ye.; ANTONOV, S.M.; KIRILLOV, N.I.;
LEVITAN, A.Yu.; MIKOSHA, V.V.; PLUZHNIKOV, B.F.; IOFIS,
Ye.A., kand. tekhn.nauk, red.; FOMIN, A.A., red.; ~~CORINA,~~
V.A., tekhn. red.

[Color photography] TSvetanaia fotografiia. Izd.2., ispr. 1
dop. Pod red. E.A.Iofisa. Moskva, Iskusstvo, 1961. 228 p.
(Biblioteka fotoliubitelia, no.13) (MIRA 16:5)
(Color photography)

ARTYUSHIN, L.F.; SHUBINA, G.Ye.; ANTONOV, S.M.; KIRILLOV, N.I.; LEVITAN,
A.Yu.; MIKOSHA, V.V.; PLUZHNIKOV, B.F.; IQFIS, Ye.A., kand.tekhn.
nauk; red.; TELESHEV, A.N., red.; CHICHERIN, A.N., tekhn.red.

[Color photography] TSvetnaia fotografiia. Pod red. E.A.Iofisa.
Moskva, Gos.izd-vo "Iskusstvo," 1958. 208 p. (Biblioteka foto-
liubitelia, no.12) (MIRA 12:4)

(Color photography)

SOV/124-58-8-9086

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 111 (USSR)

AUTHOR: Pluzhnikov, G. T.

TITLE: The Natural Vibrations of Ribbed Slabs of Reinforced Concrete
(Svobodnyye kolebaniya rebristykh plit)

PERIODICAL: Nauchn. zap. Kiyevsk. finans.-ekon. in-ta, 1953, Nr 3, pp 190-193

ABSTRACT: A method is proposed for determining the natural-vibration frequencies of a reinforced-concrete slab having ribs within it running parallel to one of its edges, the ribs being spaced at uniform intervals and possessing uniform stiffness. It is assumed that the ribs and slab together constitute a single solid continuous piece. By imagining the slab broken down into individual T-sections and determining the stiffness of one such T-section, the author obtains a supplementary stiffness which he then adds to the stiffness of the rib thereof. Thereafter the problem is solved by a method developed by A. S. Lokshin (Prikl. matem. i mekhan., 1935, Vol 2, Nr 2). Experimental data and calculations are included. The discrepancy between the two amounts to $\approx 10\%$.

Card 1/1

A. V. Karmishin

SOV/124-58-3-3221

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 99 (USSR)

AUTHOR: Pluzhnikov, G. T.

TITLE: Oscillations of Beams Under Concentrated Loads (Kolebaniya balok, zagruzhennykh sosredotochennymi gruzami)

PERIODICAL: Nauchn. zap. Kiyevsk. finans.-ekonom. in-ta, 1955, Nr 4, pp 194-202

ABSTRACT: The natural-frequency spectrum of a beam on two supports subject to equally spaced identical concentrated loads is determined by the energy method. The equation of the oscillating beam axis is expressed by beam functions. As a limit case, the frequency of a beam with a distributed load is obtained. Comparison of the calculations obtained with the results of exact solution demonstrates only a small discrepancy in the result of the approximate solution. The forced oscillations of a beam with supported ends, loaded with several pulsating concentrated loads, are also investigated by the energy method. Expressions are obtained for the elastic-line equation of the stationary portion of induced vibrations.

V. M. Makushin

Card 1/1

DIMENTBERG, F.M., doktor tekhn.nauk; LYUKSHIN, V.S., kand.fiz.-mat.nauk;
NIBERG, N.Ya., kand.tekhn.nauk; OBMORSHEV, A.N., prof., doktor
tekhn.nauk; PLUZHIKOV, I.S., kand.fiz.-mat.nauk; UMANSKIY, A.A.,
prof., doktor tekhn.nauk; ACHERKAN, N.S., prof., doktor tekhn.nauk,
red.; VUKALOVICH, M.P., prof., doktor tekhn.nauk, laureat Leninskoy
premi, red.; KUDRYAVTSEV, V.N., prof., doktor tekhn.nauk, red.;
PONOMAREV, S.D., prof., doktor tekhn.nauk, laureat Leninskoy premi,
red.; SATEL', E.A., prof., doktor tekhn.nauk, red.; SERENSEN, S.V.,
akademik, red.; RESHETOV, D.N., prof., doktor tekhn.nauk, red.; GIL'DEN-
BERG, M.I., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Reference book for machinery designers in six volumes] Spravochnik
mashinostroitel'ia; v shesti tomakh. Red.sovet: N.S.Acherkan i dr.
Izd.3., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry. Vol.1. Pod red.N.S.Acherkana. 1960. 592 p. (MIRA 13:10)

1. AN USSR (for Serensen).

(Machinery--Design)

PLUZHNIKOV, I. S.

Opyt Primeneniya Metoda E. Cartan'a K Issledovaniyu Deystvitel'nykh Lineychatykh Poverkhnostey. M., Trudy Stankoinstrum. In-Taim. Stalina, 7 (1940), 83 - 144.

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

TO be continued:

L 44811-66 EWT(l)/EWT(m)/T/EWP(t)/ETI IJP(c) JD/JG/GG

ACC NR: AP6032022

SOURCE CODE: UR/0386/66/004/006/0220/0226

AUTHOR: Ivanov, N. R.; Shuvalov, L. A.; Fedosyuk, R. M.; Pluzhnikov, K. A. ⁶⁹

ORG: Institute of Crystallography, Academy of Sciences, SSSR (Institut kristallografi Akademii nauk SSSR) ^B

TITLE: Proof of the existence of two sharply distinct ferroelectric phases in $\text{NaH}_3(\text{SeO}_3)_2$ ²

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 6, 1966, 220-226

TOPIC TAGS: ferroelectricity, phase transition, second order phase transition, electric polarization, dielectric constant, temperature dependence

ABSTRACT: The authors investigated the ferroelectric properties of large homogeneous single crystals of $\text{NaH}_3(\text{SeO}_3)_2$, grown from the aqueous solution by the method of dropping the temperature, having a Curie point $T_c = -78.6\text{C}$ and a melting temperature $111 \pm 0.5\text{C}$. Measurements of the low-frequency (800 cps) dielectric constant at a measuring-field intensity 10 v/cm were made for three mutually perpendicular cuts oriented parallel to the principal sections of the optical indicatrix: the crystallographic directions were taken to be the principal axes of the indicatrix, so that the x, y, and z axes were directed respectively along the acute and obtuse bisectors and the normal to the plane of the optical axes. The temperature dependence of the rotation of the indicatrix $\varphi(T)$ about the y axis and the components of the spontaneous

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ACC NR: AP6032022

polarization were measured. The measurements have demonstrated conclusively the presence of one more phase transition in $\text{NaH}_3(\text{SeO}_3)_2$ at -172.5°C , at which a jumpwise decrease takes place in the components of the dielectric constant. The transition has a temperature hysteresis of 10.5° . Consequently, the transition is of first order. The temperature dependence of the various components of the dielectric constant, of the spontaneous polarization, and of the coercive field were also investigated. An analysis of the obtained information leads to the following conclusions.

1. $\text{NaH}_3(\text{SeO}_3)_2$ undergoes two phase transitions, one at -78.6°C (second order but close to first order) from the paraelectric α phase to the ferroelectric β phase.
2. In the absence of external action, the γ phase (or part of it) can remain metastable in the crystal in the range $-162^\circ\text{C} < T < T_C$. An external electric field or mechanical action can transform the crystal to the β phase which is stable in this temperature region.
3. In the γ phase, the vector of spontaneous polarization lies in the xz plane (m plane), but in the β phase there appears a y component of the polarization, as a result of which the crystal becomes triclinic.
4. As a result of these stresses and of the noncollinearity of the polarization vector P_s in different domain systems, it becomes possible to display visually the trace of the domain structure.
5. Since the motion of the domain walls takes place in a field of inhomogeneous mechanical deformation, an appreciable domain contribution to the dielectric constant is produced.
6. The difference between the effects brought about by the x and y polarization components, and the different behavior of these components themselves and of the coercive fields corresponding to them offer definite evidence of two es-

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ACC NR: AP6032022

essentially different mechanism for the occurrence of spontaneous polarization in $\text{NaH}_2(\text{SeO}_3)_2$. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 20Jun66/ ORIG REF: 001/ OTH REF: 006

Card 3/3 blg

PLUZHNIKOV, K.

Improve the organization of liner services. Mor. flot. 25
no. 12:16-17 D '65. (MIRA 18:12)

1. Direktor kontory lineynykh perevozok "Sovfrakhta".

PLUZHNIKOV, K.

Establishing lines of seagoing vessels of the U.S.S.R. visiting
foreign ports. Mor. flot 24 no.12:7-8 D '64.

1. Direktor kontory lineynykh perevozok Vsesoyuznogo ob"yedineniya
"Sovfrakht". (MIRA 18:8)

SHUVALOV, L.A.; PLUZHNIKOV, K.A.

Distinctive elastic and internal friction properties near the
Curie point in triglycine sulfate crystals. Kristallografiia 6
no.5:692-699 S-0 '61. (MIRA 14:10)

1. Institut kristallografii AN SSSR.
(Crystallography) (Glycine)

I 20745-66 EWI(1) SCTB DD

ACC NR: AP6009430

SOURCE CODE: UR/0020/66/166/006/1488/1490

AUTHOR: Komarovich, G. M.; Pluzhnikov, M. S.; Titova, R. I.

ORG: First Leningrad Medical Institute im. I. P. Pavlov (Pervyy Leningradskiy meditsinskiy institut)

45
B

TITLE: Concentration of electrolytes in biological fluids during hypoxia and the function of the cochlea

SOURCE: AN SSSR. Doklady, v. 166, no. 6, 1966, 1488-1490

TOPIC TAGS: animal experiment, hypoxia, electrolyte, potassium, sodium, biochemistry

ABSTRACT: Potassium and sodium electrolyte concentrations of ear lymph, blood, and cerebrospinal fluid were investigated simultaneously under hypoxic conditions in experiments on cats. The endolymph-perilymph fluid system is important because the Corti organ is not vascularized and is trophically dependent on this system. Also, the auditory receptors are reported to be extremely sensitive to potassium, sodium, and oxygen changes in the endolymph-perilymph system. An experimental group of 27 cats and a control group of 15 cats weighing from 1 to 5 kg were injected intraperitoneally with 0.8 g of urethane per 1 kg of body weight to induce a state of light anesthesia. Electrolytes in the

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UDC: 616.281+616-001.8+612.015.31

L 20746-66

ACC NR: AP6009430

perilymph, cerebrospinal fluid, and blood were determined by a photometric method. Function of the Corti organ hair cells was measured by the microphonic currents of the cochlea. A ZG-12 audiometer was used as a sound source. Hypoxia was induced by a subcutaneous injection of sodium nitrite of 100 mg per 1 kg of body weight. Findings show that shifts in the balance of electrolytes take place in the perilymph, cerebrospinal fluid, and blood under hypoxic conditions. The shifts are of a similar nature and are marked by a concentration increase of potassium ions and a concentration decrease of sodium ions. The concentration increase of potassium ions was less in the perilymph (19%) than in the cerebrospinal fluid (37%) and blood serum (26%). Hypoxia produces serious disturbances in cellular respiration which affects the cell's capacity to retain potassium and accounts for the large number of potassium ions leaving the cells and entering the extracellular media. Apparently this process is accompanied by a reverse flow of sodium into the cell accounting for the sodium concentration decrease in the extracellular fluids. The electrolytic composition changes of the perilymphs are less expressed than in the cerebrospinal fluid or blood. Potassium ions do not enter the perilymph from the endolymph as could be expected with increased permeability under hypoxic conditions. The interrelationship of the endolymph-perilymph system requires further study. Orig. art. has: 1 table and 1 figure.[06]

SUB CODE: 06/ SUBM DATE: 28Jan65/ ORIG REF: 003/ OTH REF: 012 / ATD PRESS:
Card 2/2 4225

ASTAKHOV, Yu.S.; PLUZHNIKOV, M.S.

Method of microelectrophoresis in agar for examining proteins of the aqueous humor of the anterior chamber of the eye and the perilymph of the inner ear. *Biul. eksp. biol. i med.* 59 no. 5:117-120 '65. (MIRA 18:11)

1. Kafedra oftal'mologii (zav. -- prof. E.E. Andreev) i otorinolaringologii (zav. -- doktor med. nauk D.A. Pigulevskiy) (nauchnyy konsul'tent -- zav. kafedroy biokhimi prof. Yu.M. Geffer) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova. Submitted February 3, 1964.

PLUZHNIKOV, V., master; RETLING, B., inzhener.

Experience with assembling precast reinforced concrete roof trusses. Stroitel' 2 no.1:16-17 Ja '56. (MLRA 10:1)
(Roofs) (Precast concrete construction)

PIUZHNIKOV, V. master; RETLING, B., inzhener.

Experience with assembling precast reinforced concrete roof trusses. Stroitel' 2 no.1:16-17 Ja '56. (MLRA 10:1)
(Roofs) (Precast concrete construction)

BULANOV, V.Ye.; GRUSHENKO, V.K.; IRIMITSA, G.I.; MOKSHANTSEV, G.F.;
PIUZHNIKOV, V.A.; SINYUKHIN, A.V.; TENYAKOV, P.T.

Preparing iron powder from alloyed scale reduced by converted
natural gas. Porosh. met. 5 no.10:2-4 O '65. (MIRA 18:11)

1. Orenburgskiy filial Kuybyshevskogo politekhnicheskogo
instituta.

PLUZHNIKOV, V.G.

Rare case of a perforating wound of the abdominal cavity. *Khirurgiia*
33 no.3:122-123 Mr '57. (MLRA 10:6)

1. *in perpendikuljarnyj nitrochelnjarnyj bližih (ser. prot. prof. I.V. Mingolov) Kubanskogo medicinskogo instituta.*
(ANIMM, vol 2, ind. perforating wound, surg. (Rus))

PLUZHNIKOV, V.I., inzh.

Efficiency and quality of the work of a silage harvesting combine.
Trakt. i sel'khoz mash. no.5:15-16 My '65. (MIRA 18:6)

1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii
sel'skogo khozyaystva.

OVSIANNIKOV, B.P., inzh.; PLUZHNIKOV, V.I., inzh.

Stability of the work of double-brush collectors. Trakt. i sel'-
khozmasb. 33 no.6:27-28 Je '63. (MIRA 16:7)

1. Chelyabinskiy institut mekhanizatsii i elektrifikatsii sel'skogo
khozyaystva.

(Brushes, Electric)

Observations of lunar occultations of stars.

Kharkov, no. 9129 My 1952. (MIRA 914)
(Occultations)

KUZ'MENKO, K.N.; PLUZHNIKOV, V. Kh.

Observations of lunar occultations of stars at the Kharkov Astronomical
Observatory. Astron.tsir. no.135:22-23 F '53. (MLRA 6:6)

1. Khar'kovskaya astronomicheskaya observatoriya. (Occultations)

PLUZHNIKOV, V.Kh.; KUZ'MENKO, K.N.

Observations of occultations of stars at the Kharkov Astronomical Observatory. Astron.tsir. no.143:23-24 N '53.(MLRA 7:8)

1. Khar'kovskaya Astronomicheskaya Observatoriya.
(Occultations)

PLUZHNIKOV, V.Kh.

KUZMENKO, K.N.; MIKHAYLOV, V.A.; ~~PLUZHNIKOV, V.Kh.~~

Observations of lunar occultations of the stars at the Kharkov
Astronomical Observatory. Astron. tsir. no.151:28-29 JI '54.
(MIRA 8:3)

1. Khar'kovskaya Astronomicheskaya Observatoriya.
(Occultations)

KUZ'MENKO, K.N. ; PIJZHNIKOV, V.KH.

Observations of lunar occultations of stars at the Kharkov Astronomical Observatory. Astron.tsir.no.156:24 Ja'55. (MLRA 8:10)
(Occultations)