

AKZHIGITOVA, N.I.

Plants as soil salinity indicators. Uzb. biol. zhur. no.2:23-31
'58. (MIRA 11:10)

1. Institut botaniki AN UzSSR.
(Alkali lands) (Indicators (Biology))

^{KZ}
AKZHIGITOVA, N. I., CAND BIO SCI, "PLANTS AS INDICATORS
OF SOIL SALINIZATION (UNDER CONDITIONS OF ^{the} CENTRAL FERGANA)."
TASHKENT, 1961. (TASHKENT STATE UNIV IM V. I. LENIN). (KL,
3-61, 209).

AKZHIGITOVA, N.I.

Effect of the degree of soil salinity on the distribution of
plants. Trudy TashGU no.187:95-101 '61. (MIRA 15:3)

1. Institut botaniki AN UzSSR.
(Uzbekistan—Plant communities) (Plants, Effect of salts on)

AL', A., inzhener.

Work practices in the construction of trench and pit silos. Sol'.
stroil.l1 no.7:29 J1 '56. (MIRA 9:9)

1. Novosibirskaya oblastnaya upravleniye po stroitel'stvu v kolkho-
zakh. (Silos)

Al, G. E.
25882

pregnancy
Vlichniye beremennost, na bar'ernuyu funktsiyu tkaney pri eksperimental'
nom tuberkuleze. V sb. voprosy allergii i immuniteta pri tuberkuleze. L. 1948,
S. 207-41

SO: LETOPIS NO. 30, 1948

AL', G.E., kand. med. nauk.; SOKOLOVA-NATANSON, Ye. P., kand. biol. nauk.

Some clinical statistical results of an analysis of tuberculosis mortality in 1954 in Leningrad. Probl. tub. 35 no.6:10-14 '57. (MIRA 12:1)

1. Iz organizatsionno-metodicheskogo otdela (zav. M.L. Gol'dfarb) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. A.D. Semenov).

(TUBERCULOSIS, statist.

in Russia, mortal. (Rus))

AL', G.E., kand.med.nauk

Timely detection of tuberculosis in pregnant women. Sov.med.
22 no.8:72-77 Ag '58 (MIRA 11:10)

1. Iz organizatsionno-metodicheskogo otdela (rukovoditel' M.L.
Gol'dfrab) Leningradskogo instituta tuberkuleza (dir. - prof.
A.D. Semenov).

(TUBERCULOSIS, in pregn.
early diag. (Rus))

(PREGNANCY, in various dis.
tuberc., early diag. (Rus))

AL, G.E.

SEMENOV, A.D., prof. AL', G.E., kand.med.nauk

Principles of choice, indications and contraindications for treatment
of pulmonary tuberculosis in sanatoria [with summary in French]
Probl. tub. 36 no.4:3-7 '58 (MIRA 11:7)

1. Iz organizatsionno-metodicheskogo otdela (rukovoditel' M.L.
Gol'dfarb) Leningradskego nauchno-issledovatel'skogo instituta
tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - prof.
A.D. Semenov)

(TUBERCULOSIS, PULMONARY, ther.
sanatorium care, indic. & contraindic (Rus))

AL', G.E., doktor med.nauk; AMOSOV, N.M., prof.; ANTELAVA, N.V., prof.;
BOGUSH, L.K., prof.; VOZNESENSKIY, A.N., prof.; VIL'NIANSKIY,
L.I., kand.med.nauk; LAPINA, A.A., prof.; MASSINO, S.V., doktor
med.nauk; MIKHAYLOV, F.A., prof.; RABUKHIN, A.Ye., prof.;
KHRUSHCHOVA, T.N., prof.; SHAKLEIN, I.A., prof.; YABLOKOV, D.D.,
prof.; BYNIS, V.L., prof., zasluzhennyy deyatel' nauki, otv.red.;
KORNEV, P.G., prof., red.; KUDRYAVTSEVA, A.I., prof., red.
[deceased]; LAPINA, A.I., red.; LEBEDEVA, Z.A., kand.med.nauk,
red.; STRUKOV, A.I., prof., red.; SHEBANOV, F.V., prof., zaslu-
zhennyy deyatel' nauki, red.toma; GRINSHPUNT, Ye.M., red.; LYUD-
KOVSKAYA, N.I., tekhn.red.

[Multivolume manual on tuberculosis] Mnogotomnoe rukovodstvo
po tuberkulezu. Moskva, Gos.isd-vo med.lit-ry. Vol.2. [Tuber-
culosis of the respiratory organs] Tuberkulez organov dykhanija.
Red.toma A.B.Rabukhin i F.V.Shebanov. Book 2. 1959. 408 p.

(MIRA 13:5)

1. Chleny-korrespondenty AMN SSSR (for Antelava, Bogush, Yablokov,
Strukov). 2. Deyatvitel'nyy chlen AMN SSSR (for Kornev).

(TUBERCULOSIS)

AL', G.M., kand.med.nauk

Children of tuberculous mothers. *Pediatrics* 37 no.7:65-72
Jl '59. (MIRA 12:10)

1. Iz legochnogo otdeleniya (rukovoditel' - prof.A.D.Semenov)
Leningradskogo instituta tuberkuleza (dir. - deystvitel'nyy
chlen AMN SSSR prof.P.G.Kornev).

(TUBERCULOSIS, in pregn.

eff. on child. (Rus))

(PREGNANCY, compl.

tuberc., eff. on child. (Rus))

AL', G.E.; GORODNIY, S.B.; GREYMER, M.S.; PROTOPOPOVA, N.M.

Clinically cured adult tuberculosis patients; data from Leningrad dispensaries in 1962. Probl. tub. 41 no.10:27-32 '63. (MIRA 17:9)

1. Iz organizatsionno-metodicheskogo otdela (rukovoditel' - doktor med. nauk G.E. Al') i dispansernogo otdeleniya (Rukovoditel' - kand.med.nauk S.B.Gorodniy) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. A.D.Semenov).

AL', Ye.E.

Prognostic role of the structure of bone callus in X-ray pictures of fractures of the long bones. Ortop.travm. i protez. 17 no.6: 120-121 N-D '56. (MIRA 10:2)

1. Iz Ukrain'skogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii im. N.I.Sitenko (direktor - zaslushennyi deyatel' nauki professor N.P.Novachenko)
(BONES--RADIOGRAPHY)

AL', Ye.E.

Importance of tomographic examination in the diagnosis of
lesions of the knee joint. Ortop., travm. i protez. no. 4:73-
75 '62. (MIRA 15:5)

1. Iz Ukrainського instituta ortopedii i travmatologii im. M.I.
Sitenko (dir. - chlen-korrespondent AMN SSSR prof. N.P. Nova-
chenko).

(KNEE—RADIOGRAPHY)

ALABAYEVA, J.

MAL'TSEV, V., inzh.; MILYAVSKAYA, L., inzh.; ALABAYEVA, I., inzh.

Traveling detachments and brigades engaged in mechanized
rural building. Gor.i sel'.stroi. no.5:15-17 My '57. (MIRA 10:10)
(Buildings, Prefabricated)

ALABIN, L.V.

Lower Cambrian structural-facies zones in the northwestern and
northern Kuznetsk Ala-Tau. Geol. i geoiz. no.4:132-134 '63.

(MIRA 16:10)

1. Zapadno-Sibirskoye geologicheskoye upravleniye, Novokuznetsk.

ALABIN, N.

AID - P-23

Subject : USSR/Aeronautics
Card : 1/1
Author : Alabin, N., Colonel
Title : Interception and Destruction of Single Aircraft,
(War Experiences)
Periodical : Vest. vozd. flota, 2, 13 - 17, February 1954
Abstract : Several examples of interception and destruction of
enemy single aircraft flying on high altitude under
protection of fighters are cited. These operations
took place in World War II on the Russian front.
Some details such as tactics, flight altitudes,
locations of operations, names of commanding officers,
etc. are also given.
Institution : None
Submitted : No date

ALABIN, N,

AID P - 893

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 3/19

Author : Alabin, N., Col.

Title : Interception and destruction of aircraft at low altitudes (Combat examples)

Periodical : Vest. vozd. flota, 5, 16-20, My 1954

Abstract : As examples of interception at low altitudes the author describes three cases on the Russian front during World War II: 1) September 1941, an interception of enemy observation aircraft, 2) Spring 1942, an interception of enemy bombers, and 3) March 1945, interception of enemy fighters. The author draws conclusions from these three typical cases of interception.

Institution : None

Submitted : No date

ALABIN, N., plkovnik

Intercepting and destroying aircraft at low altitude. Vest.
Vozd.Fl. 37 no.5:16-20 My 54. (MLRA 8:8)
(Air warfare)

ALABIN, N. D.

Cavernous Sinus

Otogenous thrombosis of the cavernous sinus and cerebral abscess; cure.
Vest. otorin. 15, No. 1, 1953.

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

ALABIN, PETR VLADIMIROVICH.

Zapiska o Sibirskoi zhelieznoi dorogie Samaro-Ufimskago napravleniia. ^{Memo}
concerning the Siberian railway of the Samara-Ufa direction/. S.Petersburg,
1884. 49 p.

DLC: Slavic unclass

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified.

ALABIN, Sergey Mikhaylovich; BOGDANOV, Fedor Vasil'yevich; FEDOROV, A.I.,
redaktor; SUKHODOLOV, S.T., tekhnicheskiiy redaktor.

[Production of construction felt in industrial cooperatives]
Proizvodstvo stroitel'nogo volleka v arteliakh promyslovoi kooperatsii.
Moskva, Vses.koop.isd-vo, 1957. 36 p. (MLRA 10:4)
(Felt)

ALABIN, S. V.

7646. ALABIN, S. V. -- Kholodnaya shtampovka v mashinostroyenii. pod red. V. D. Golovleva. M., mashgiz, 1954. 280 s. s ill. 27 sm. 8.000 ekz. 13 R. 50 k. v per. -- pered zagl. avt: G. N. Rovinskiy, S. V. Alabin, V. V. Filippov, K. A. Kalachev i V. G. Zybin. -- Bibliogr: s. 278(30 nazv.) -- (55-3908)P 621.96 & (016.3)

SO: Knizhnaya Letopsis', Vol. 7, 1955

ALABIN, V.I., inzh.; ZAKHAROV, V.S., inzh.; SHVIRYAYEV, G.I., inzh.

Press for making door panels. Suggested by V.I. Alabin, V.S. Zakharov, G.I. Shviryayev. Rats.i izobr.predl.v stroi. no.13: 110-111 '59. (MIRA 13:6)

1. Balashikhinskiy kombinat proizvodstvennykh predpriyatiy Glavmosoblstroya, g.Balashikha, Moskovskoy oblasti, Rabochiy poselok.

(Doors)

(Wood, Compressed)

1. ALABINA, M.
2. USSR 600
4. Restaurants, Lunchrooms, Etc.
7. Let us improve the work of the dining room, V pom. profaktivu, 14, No. 2, 1953.

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

ALABORSKI, W.

ALABORSKI, W. Measuring deformations of tracks. p. 88

Vol. 8, no. 4, Apr. 1956
PRZEGLAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

ALABORSKI, W.

In defense of roadbed-surfacing materials. Przegląd Drog. Dodatek.

p. 141 (Przegląd Kolejowy Drogowy. Vol. 8, no. 9, Sept. 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEAJ) LC. Vol. 7, no. 2,
February 1958

ALABOVSKIY, A.N.

Gasification of peat briquets in the GB tractor gas producer.
Nauch.trudy Inst.mash.i sel'khoz.mekh.AN URSR 6:98-108 '58.

(MIRA 13:4)

(Tractors--Gas producers) (Peat gasification)

22213

S/124/61/000/003/003/028
A005/A105

26.2162

AUTHOR: Alabovskiy, A. N.

TITLE: The linear gas flow in nozzles and diffusers with variable geometrical action

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1961, 22-23, abstract 3B134. (Izv. Kiyevsk. politekhn. in-ta, 1960, v. 30, 53-61)

TEXT: The author analyzes the gas dynamical correlations of the linear gas flow in a nozzle at freedom from friction and heat exchange. The parameters of the retarded flow at the entrance into the nozzle are assumed to be invariable which corresponds to the case of the outflow of gas from a container of constant pressure. The coefficients of velocity at entrance and outlet were found for a contracting nozzle at various counterpressures as functions of the ratio of the cross sections of entrance and outlet. In the expanding nozzle - subsonic diffuser - a determined value of the expansion degree corresponds to each value of counterpressure; at this expansion degree the critical velocity builds up in the entrance cross section. If this expansion degree is exceeded in the nozzle, the gas flow is speeded up and ends with a shock wave. The author assumes the

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S/124/61/000/003/003/028
A005/A105

The linear gas flow in nozzles ...

shock to be direct; he starts from the correlations of the direct shock, and determines the loss of full pressure by the shock and the position of the shock in the nozzle. In particular, the values of the expansion degree are determined for fixed counterpressures for which the shock lies in the outlet cross section of the nozzle.

A. Ginevskiy

[Abstractor's note: Complete translation]

Card 2/2

ALABOVSKIY, A.N.; NEDUZHIY, I.A.; PILIPKO, N.K.

Experimental investigation of the injection devices of gas
burners. Gaz. prom. 6 no.9:13-17 '61. (MIRA 14:12)
(Gas burners)

~~ALABOVSKIY, A.N.~~, kand.tekhn.nauk; ALEKSEYEV, A.V.; KONDAK, M.A., doktor
tekhn.nauk

Study of the front-end devices of sectionalized combustion chambers
of gas turbine systems. Energ. i elektrotekh. prom. no.2:26-29
Ap-Je '62. (MIRA 15:6)

1. Kiyevskiy politekhnicheskii institut.
(Gas turbines)

ALABOVSKIY, Yu.A.

Scientific conference in Voronzh dedicated to the semicentennial
of the first Russian revolution. Sov. zdrav. 15 no.1:64 Ja-F '56.

(MLRA 9:6)

(PUBLIC HEALTH--HISTORY)

ALABOVSKIY, Yu. I.

"Organization of Physiotherapeutic Assistance in Voronezhskaya Oblast."
Cand Med Sci, Voronezh State Medical Inst, Voronezh, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum, No. 556, 24 Jun 55

BUDYLIN, V.G., prof.; ALABOVSKIY, Yu.I., dotsent

Organization of regular paractical training for students. Zdrav.
Ros. Feder. 4 no.3:25-28 Mr '60. (MIRA 13:5)

1. Iz Stavropol'skogo meditsinskogo instituta.
(STAVROPOL--MEDICINE--STUDY AND TEACHING)

ALABOVSKIY, Yu.I., dotsent

Fundamental causes of the death of elderly persons. Uch.
zap. Stavr. gos. med. inst. 12:87-88 '63.

Dispensary services for persons of retirement age. Ibid.:89-90

Age-related mortality and structure of the population over
60 years of age. Ibid.:91.

Cardiovascular diseases in elderly persons. Ibid.:92-93
(MIRA 17:9)

1. Kafedra organizatsii zdravookhraneniya (zav. dotsent Yu.I.
Alabovskiy) Stavropol'skogo gosudarstvennogo meditsinskogo
instituta.

PEKLO, M.I.; ALABUKHIN, I.S.; LEKTOROVICH, I.V.; LOBANOV, A.Ye.

Straightening planing saws. Der.prom. 7 no. 6:17-20 Je '58.

(MIRA 11:8)

(Circular saws)

L 7033-66 EWT(d)/EWT(1)/EWT(m)/ETC(m) WW

ACC NR: AP5026816

SOURCE CODE: UR/0286/65/000/017/0094/0094

AUTHOR: Siov, B. N.; Alabushev, A. Ye.

ORG: none

36
Q

TITLE: A pressure regulator. Class 42, No. 174449 [announced by Organization of the State Committee for Defense Technology SSSR (Organizatsiya Gosudarstvennogo komiteta po oboronnoy tekhnike SSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 94

TOPIC TAGS: pressure regulator, pressure measuring instrument

ABSTRACT: This Author's Certificate introduces a pressure regulator which contains a casing with a diaphragm, a contact device, control point adjustment and control valve. The pressure control range is increased by using a throwover device made in the form of a chamber with a plunger. The cavity of this chamber is connected with the regulator chamber. One end of the plunger is connected to the control object and the other to the control point adjustment. Metal hemispheres which automatically adjust themselves to the extreme position along metal saddles are mounted on the ends of the plunger.

UDC: 621.646.4

SUB CODE: IE/

SUBM DATE: 22Jan64/

ORIG REF: 000/

OTH REF: 000

Card 1/1

80

BAYKO, V.P.; ALABUSHEV, V.A., aspirant

Destroying offset weeds by fall plowing. Zashch. rast. ot
vred. 1 bol. 5 no. 8:26-28 Ag '60. (MIRA 13:12)

1. Zaveduyushchiy otdelom zemledeliya Nauchno-issledovatel'skogo
instituta sel'skogo khozyaystva Tsentral'noy chernozemnoy
polosy im. V.V.Dokuchayeva (for Bayko). 2. Nauchno-
issledovatel'skiy institut sel'skogo khozyaystva Tsentral'noy
chernozemnoy polosy im. V.V.Dokuchayeva (for Alabushev).
(Weed control) (Plowing)

ALABUSHEV, V.A.

Ascidiiform abnormalities in weed plants caused by the herbicide
2,4-D. Nauch. dokl. vys. shkoly, biol. nauki no. 1:163-166 '61.
(MIRA 14:2)

1. Rekomendovana Nauchno-issledovatel'skim institutom sel'skogo
khozyaystva Tsentral'no-Chernozemnoy polosy im. V.V. Dokuchayeva.
(2,4-D) (ABNORMALITIES (PLANTS))

ALABUSHEV, V.A., aspirant; POPOV, D.I.

Chemical weed control in millet fields. Zashch. rast. ot vred.
i bol. 6 no.5:8-9 My '61. (MIRA 15:6)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
TSentral'noy chernozemnoy polosy imeni V.V. Dokuchayeva (for
Alabushev). 2. Glavnyy agronom Kalacheyevskoy inspeksii po
sel'skomu khozyaystvu (for Popov).

(Voronezh Province--Millet)
(Voronezh Province--Weed control)

ALABUSHEV, V.A.

Effect of the herbicide 2,4-D on the protein nitrogen content in
barley, corn, and millet grain. Fiziol. rast. 9 no.3:372-375
'62. (MIRA 15:11)

1. Dokuchayev Scientific-Research Agricultural Institute of the
Central Black Earth Region, Kamennaya Step.
(2,4-D) (Grain) (Proteins)

BAYKO, V.P., kand.sel'skokhoz.nauk (Pochtovoye otdeleniye Talovaya, Voronezhskoy obl.); ALABUSHEV, V.A., aspirant (pochtovoye otdeleniye Talovaya, Voronezhskoy obl.)

Herbicide 2,4-D in the control of stolonate weeds. Zashch.
rast. ot vred. i bol. 7 no.2:22 F '62. (MIRA 15:12)
(Weed control) (2, 4-D)

ALABUSHEV, V.A.

Effectiveness of various composts. Zemledelie 25 no.9:65-66 S '63.
(MIRA 16:9)

1. Smolenskaya gosudarstvennaya oblastnaya stantsiya.
(Compost)

ALABUSHEV, V.A.

Abnormalities in plants caused by the herbicide 2,4-D. Nauch.
dokl. vys. shkoly; biol. nauki no. 2:142-145 '64.

(MIRA 17:5)

1. Rekomendovana Smolenskoy sel'skokhozyaystvennoy opytney
stantsiyey.

ALABUSHEV, Vasilii Andreyevich; KAZAKOV, N., red.

[Maximum quantity of production from each hectare of plow-
land] S kazhdogo gektara pashni - maksimal'noe kolichestvo
produksii. Smolensk, Smolenskoe knizhnoe izd-vo, 1963.
60 p. (MIRA 17:7)

1. Zamestitel' direktora po nauchnoy chasti Smolenskoy ob-
lastnoy sel'skokhozyaystvennoy opytnoy stantsii (for Alabushev).

ALABUSHEV, V.A.

Effect of various herbicides on the protein nitrogen content in the grain of field crops cultivated on Chernozem and turf-Podzolic soils. Nauch.dokl.vys.shkoly; biol.nauki no.4:163-166 '65. (MIRA 18:10)

1. Rekomendovana Dcnskim sel'skokhozyaystvennym institutom.

ALABUZHEV, P. M.

Alabuzhev, P. M. "Epochal disturbances of the planet Pallas by Jupiter", Uchen. zapiski (Tomskiy gos. un-t im. Kuybysheva), No. 11, 1948, p. 3-5, - Bibliog: 5 items.

So: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 12, 1949):

SEMERIKOVA, I.A.; ALABYSHEV, A.F.

Density and viscosity of melts in the system KF - HF with LiF admixtures. Zhur.fiz.khim. 37 no.1:207-209 Ja '63. (MIRA 17:3)

1. Gosudarstvennyy institut prikladnoy khimii.

ALABUZHEV, P.M., prof.; RYASHENTSEV, N.P.

Some results of the experimental investigation of MS-2 solenoid
hammer operations. Izv.vys.ucheb.zav.; gor.zhur. no.7:65-69 '58.
(MIRA 12:3)

1. Novosibirskiy elektrotekhnicheskii institut, Tomskiy politekhnicheskii institut.

(Mine tools) (Solenoids)

ALABUZHEV, P.M.; ALIMOV, O.D.; RODIONOV, I.V.; MALIKOV, D.N.

Investigating screw gears of an automatic feeder for electro-
pneumatic bore-hammers. Izv. TPI 106:93-111 '58.

(MIRA 11:11)

(Gearing, Spiral)

(Boring machinery--Electric driving)

ALABUZHEV, P.M.

Designing electropneumatic percussion machines. Izv. TPI 106:122-134
'58. (MIRA 11:11)

(Boring machinery--Electric driving)

ALABUZHEV, P.M.; RYASHENTSEV, N.P.

The design of solenoid hammers. Izv. TPI 106:135-143 '58.

(MIRA 11:11)

(Boring machinery--Electric driving) (Solenoids)

ALABUZHEV, P.M., KOPYTOV, V.I.

Investigating the vibration of a weight hitting a limiting device.
Inv. TPI 106:213-226 '58. (MIRA 11:11)
(Vibration)

ALABUZHEV, P.M., prof.; HYASHENTSEV, N.P., inzh.; TIMOSHENKO, Ye.M.,
inzh.

Investigation of solenoid impact machines. Izv.vys.ucheb.
zav.; gor.zhur. no.2:89-97 '59. (MIRA 13:4)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskii
institut. Rekomendovana kafedroy gornykh mashin i rudnichnogo
transporta.

(Solenoids)

ALABUZHEV, P.M., prof.; RODIONOV, I.V., dotsent

Screw-gear mechanism of a power feed device with friction
clutch. Izv.vys.ucheb.zav.; gor.zhur. no.6:38-47 '59.
(MIRA 13:4)

1. Novosibirskiy elektrotekhnicheskiy institut. Rekomendovana
kafedroy prikladnoy i teoreticheskoy mekhaniki.
(Mining machinery)

ALABUZHEV, P.M., prof.; KOPEYKIN, G.F., inzh.

Electropneumatic hammer with a striker restraining mechanism.
Izv. vys. ucheb. zav.; gor. zhur. no.9:76-86 '59. (MIRA 14:6)

1. Novosibirskiy elektrotekhnicheskoy institut. Rekomendovana
kafedroy teoreticheskoy i prikladnoy mekhaniki.
(Pneumatic tools)

ALABUZHEV, P.M., prof.

Choosing the parameters of electropneumatic, percussive machines
(having a free striker). Izv. vys. ucheb. zav.; gor. zhur.
no. 12:45-55 '59. (MIRA 14:5)

1. Novosibirskiy elektrotekhnicheskiy institut. Rekomendovana
kafedroy prikladnoy i teoreticheskoy mekhaniki.
(Pneumatic machinery)

ALABUZHEV, P.M., -prof.; RYASHENTSEV, N.P., kand.tekhn.nauk; ALIMOV,
O.D., dotsent

Creation of electric boring machines of percussive and rotary-
percussive effect. Izv.vys.ucheb.zav.; gor.zhur. no.1:101-108
'60. (MIRA 13:6)

1. Novosibirskiy elektrotekhnicheskiy institut (for Alabuzhev).
2. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy
institut imeni S.M.Kirova (for Ryashentsev and Alimov). Rekomendo-
vana kafedroy gornykh mashin.
(Boring machinery)

ALABUZHEV, P.M., prof.; VIL'NIT, L.N., starshiy prepodavatel';
~~ROPEYKIN~~, G.F., starshiy prepodavatel'; TSIVINSKIY, Yu.P., inzh.

Movement of the striker and body of an electromechanical
hammer drill with a striker-restraining mechanism. Izv. vys.
ucheb. zav.; gor. zhur. no.6:74-80 '61. (MIRA 16:7)

1. Novosibirskiy elektrotekhnicheskii institut. Rekomendovana
kafedroy mekhaniki.

(Boring machinery)

ALABUZHEV, P.M., prof.; KOPEYKIN, G.F., inzh.

Electromechanical hammer drill with a head having a lock mechanism. Izv. vys. ucheb. zav.; gor. zhur. no.5:94-100 '61. (MIRA 16:7)

1. Novosibirskiy elektrotekhnicheskiy institut. Rekomendovana kafedroy mekhaniki.

(Boring machinery)

ALABUZHEV, P.M., prof., doktor tekhn.nauk; SHPIGEL'BURD, I.Ya., kand.tekhn.
nauk, dotsent

"Engineering mechanics" by S.Timoshenko and D.H. Young. Translated
from the English. Reviewed by P.M. Alabuzhev, I.IA.Shpigel'burd.
Vest. mash. 41 no. 5:87 My '61. (MIRA 14:5)

(Mechanics, Applied)
(Timoshenko, S.) (Young, D.H.)

ALABUZHEV, P.M.; KUNIN, I.A.; PETREYEV, A.M.; KHON, V.F.

Interaction of a submerged vibrator with an unlimited medium.
Izv. Sib. otd. AN SSSR no.3:25-29 '62. (MIRA 17:7)

1. Novosibirskiy elektrotekhnicheskiy institut i Institut
gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.

42761

S/145/62/000/006/002/005
D262/D308

13.7570

AUTHORS: Alabuzhev, P.M., Doctor of Technical Sciences, Professor, Shpigel'burd, I.Ya., Candidate of Technical Sciences, Docent, Borisova, A.N., Assistant

TITLE: The movement of a not entirely symmetrical gyroscopic pendulum

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Mashinostroyeniye, no. 6, 1962, 64-70

TEXT: The authors deduce differential equations of motion of a gyroscopic pendulum slightly asymmetric with respect to the polar axis, in case of small deviations from the vertical. The final equations being

$$\begin{aligned} A\ddot{\varphi} &= M_0\ddot{\xi} \\ - C\ddot{\beta} + A\dot{\varphi}\dot{\alpha} + (I_{\eta\xi}\sin\varphi + I_{\zeta\xi}\cos\varphi)\dot{\varphi}^2 - (I_{\eta\xi}\cos\varphi - I_{\zeta\xi}\sin\varphi)\dot{\varphi} - \\ &- Gl_c\beta + G(\eta_c\sin\varphi + \zeta_c\cos\varphi) = M_0\eta_1 \end{aligned} \quad (10)$$

$$\begin{aligned} C\ddot{\alpha} + A\dot{\varphi}\dot{\beta} - (I_{\eta\xi}\cos\varphi - I_{\zeta\xi}\sin\varphi)\dot{\varphi}^2 - (I_{\eta\xi}\sin\varphi + I_{\zeta\xi}\cos\varphi)\dot{\varphi} + \\ Card\ 1/3 + Gl_c\alpha - G(\eta_c\cos\varphi - \zeta_c\sin\varphi) = M_0\zeta_1 \end{aligned}$$

The movement of a not entirely ...

S/145/62/000/006/002/005
D262/D303

These equations are integrated for the case where only the moment of gravity acts on the pendulum, where $O\xi$ is the axis of the pendulum. The general integral

$$\Delta = C_1 e^{i\omega_1 t} + C_2 e^{-i\omega_2 t} + \frac{d_1 + id_2}{2\lambda + k^2 - 1} e^{i(p_0 t + \varphi_0)}$$

where

$$\left. \begin{aligned} \omega_1 &= (\sqrt{\lambda^2 + k^2} + \lambda) p_0 \\ \omega_2 &= (\sqrt{\lambda^2 + k^2} - \lambda) p_0 \end{aligned} \right\} \quad (16)$$

is obtained assuming that the angular velocities $\dot{\alpha}$ and $\dot{\beta}$ are small compared with the angular velocity of the rotation $\dot{\psi}$, the centrifugal moments of inertia $I_{\xi\eta_1}$, $I_{\xi\zeta_1}$ and $I_{\eta_1\zeta_1}$ are small compared with the moments of inertia I_{ξ} , I_{η_1} and I_{ζ_1} . The effect of small static and dynamic asymmetries of the pendulum is discussed and it is shown that for the initial conditions $\alpha = \alpha_0$, $\beta = \beta_0$,

Card 2/3

41639

S/200/62/000/008/001/002
D234/D308

13.2540

AUTHORS:

Alabuzhev, P. M., Shpigel'burd, I. Ya. and
Borisova, A. N.

TITLE:

Motion of a gyroscopic pendulum having no complete symmetry, placed on a fixed base, in the absence of frictional forces in the base

PERIODICAL:

Akademiya nauk SSSR: Sibirskoye otdeleniye.
Izvestiya, no. 8, 1962, 11 - 21

TEXT:

The authors consider the motion of a gyroscopic pendulum having a static and dynamic unbalance with respect to the polar axis. The inertia of the Cardan suspension rings is not taken into account. Three coordinate systems (one fixed with respect to space, one fixed with respect to the pendulum and one "half-moving") are introduced. The motion of the pendulum is determined by three angles, α , β , φ . Generalized Euler equations are formulated and the following simplifications made: $\sin \alpha = \alpha$, $\sin \beta = \beta$, $\cos \alpha = \cos \beta = 1$, $\dot{\varphi}$ is large in comparison with $\dot{\alpha}$ and $\dot{\beta}$, the asymmetry of the

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Motion of a gyroscopic pendulum ...

S/200/62/000/008/001/002
D234/D308

pendulum with respect to its axis is small. The equations of motion are linearized under these assumptions and integrated for the case when the pendulum is subject to the force of gravity only. It is found that the motion of the pendulum can be considered as a superposition of: 1) two free vibrations with the angular velocities

$$\begin{aligned}\omega_1 &= (\sqrt{\lambda^2 + k^2} + \lambda) P_0, \\ \omega_2 &= (\sqrt{\lambda^2 + k^2} - \lambda) P_0,\end{aligned}\quad (19)$$

where

$$\dot{\varphi} = \text{const} = P_0, \quad \varphi = P_0 t + \varphi_0, \quad (13)$$

$2\lambda = A/C$, $k^2 = Gl_c / Cp_0^2$, G is the value of the force of gravity, l_c is one of the components of the vector radius of the center of gravity of the pendulum, A is the axial moment of inertia, $C+\varepsilon'(t)$ and $C+\varepsilon''(t)$ are the equatorial moments of inertia, 2) vibrations

Card 2/3

Motion of a gyroscopic pendulum ...

S/200/62/000/008/001/002
D234/D308

caused by the disturbing inertial moment due to the asymmetry, having the same two frequencies as above, 3) forced vibrations having the frequency p_0 . Two special cases are considered: a) symmetrical pendulum, for which the authors obtain $\alpha = \beta = 0$, $\varphi = p_0 t$, b) slight asymmetry, one of the two parameters which characterize it being equal to 0. In this case the free vibrations 1) as above are absent. Maximum deviation of the axis is determined for this case. There are 2 figures.

ASSOCIATION: Novosibirskiy elektrotekhnicheskiy institut (Novosibirsk Institute of Electrical Engineering)

SUBMITTED: November. 20, 1961

Card 3/3

ALABUZHEV, P. M., prof.; KOPYTOV, V. I., dotsent {

Analytical studies of the vibrations of the shell of breaking
and drilling hammers. Izv. vys. ucheb. zav.: gor. zhur. 5
no.8:95-99 '62. (MIRA 15:10)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskii
institut imeni S. M. Kirova (for Alabuzhev). 2. Novosibirskiy
elektrotekhnicheskii institut (for Kopytov). Rekomendovana
kafedroy teoreticheskoy mekhaniki Novosibirskogo elektrotekh-
nicheskogo instituta.

(Boring machinery) (Vibration)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100730004-6

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100730004-6"

curves show that with increase in annealing temperature the resistance of the spring to relaxation increases to a maximum and then sharply

ature of 800°C with increased and high precision. As a result, it is proposed for practical industrial use that spring restraints be

SUB CODE: M2, ME

ENCL: 01

ALABUZHEV, P.M., doktor tekhn. nauk; ZUYEV, A.K., assistant;
KUZ'MENKO, Yu.P., assistant; TSIVINSKIY, Yu.P., aspirant

Investigating the performance of an electromechanical
spike driver. Izv. vys. ucheb. zav.; mashinostr. no.2:
144-158 '63. (MIRA 16:8)

1. Novosibirskiy elektrotekhnicheskiy institut.

1. The first of these is the

2. The second is the ability of an officer

3. The third is the ability of an officer

4. The fourth is the ability of an officer

5. The fifth is the ability of an officer

6. The sixth is the ability of an officer

L 6650-65

ACCESSION NR: AP4045465

the angle of the cam at the point of contact with the follower is small, the losses of power due to friction between the follower and the cam profile, thus, when friction losses are small, the angle of the cam at the point of contact with the follower is small.

no difficulties and may be carried out on universal equipment. On the other hand, the use of a cam mechanism with constant zero angle of pressure will result in

Card 2/3

L 6650-65

ACCESSION NR: AP4045465

SUBMITTED: 30Oct63

ENCL: 00

SUB CODE: IE, NA

NO REF SOY: 008

OTHER: 002

End 3/3

ALABUZHEV, P.M., prof.; BONDAREV, V.V., inzh.; ZUYEV, A.K., inzh.; KOPEYKIN,
G.F., inzh.; TRUS', A.M., inzh.; YARUNOV, A.M., inzh.

Dynamic strength of springs in impact action machines. Izv.vys.
ucheb.zav.; gor.zhur. 7 no.12:58-64 '64. (MIRA 18:2)

1. Novosibirskiy elektrotekhnicheskii institut. Rekomendovana
kafedroy teoreticheskoy mekhaniki.

ALABUZHEV, P.M.; KOPEYKIN, G.F.; SHEKHOVTSOV, B.A.

The NETI-1-BM electric drill. Biul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch.i tekhn.inform. 17 no.1:25 '64. (MIRA 17:2)

ALAEUZHEV, P. M.; KARGIN, V.A.; TRUS', A.M.

Experimental investigation of the transmission of mechanical energy by springs with interturn pressure. Fiz.-tekhn. probl. razrab. pol. iskop. no.4:76-80 '65. (MIRA 19:1)

1. Elektrotekhnicheskiy institut, Novosibirsk. Submitted Jan. 28, 1965.

ALABUZHEV, P.M.; VLASOV, V.V.

Analysis and synthesis of a piston-actuated air drive with application of a variable reduced external force. Fiz.-tekhn. probl. razrab. pol. iskop. no.5:91-99 '65.

(MIRA 19:1)

1. Elektrotekhnicheskiy institut, Novosibirsk.

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L 02511-67 EWT(d)/EWT(m)/EWP(w)/EWP(c)/EWP(v)/I/EWP(t)/ETI/EWP(k)/EWP(l) IJP(c)

ACC NR:
JD

AR6015964

SOURCE CODE: UR/0277/65/000/Q12/0059/0059

AUTHOR: Alabuzhev, P. M.; Bondarev, V. V.; Kopeykin, G. F.; Trus', A. M.; Yartunov, A. M.

TITLE: Calculating the durability of cylindrical coil springs in impact-action machines 17 46 B

SOURCE: Ref. zh. Mashinostroitel'nyye materialy, konstruksii i raschet detaley mashin. Gidroprivod, Abs. 12.48.486

REF SOURCE: Sb. dokl. k Novosib. nauchno-tekhn. konferentsii po mashinostr. Ch. 2. Novosibirsk, 1964, 51-57

TOPIC TAGS: helical spring, impact strength, durability

ABSTRACT: A method is proposed for calculating the durability of cylindrical coil springs. The method is based on the energy theory for loss of work capacity of a spring under rotating loading. A formula is given for preliminary determination of the service life to destruction of a spring in impact-action machines. [Translation of abstract] 14

SUB CODE: 13

Card

1/1

egh

UDC: 621-272.2.001.24

AUTHOR:

Alabuzhev, Yu.

SOV/107-58-11-26/40

TITLE:

Exchange of Experience (Obmen opytom) A Head Unit for a Double-
Tracked Magnetic Sound Recorder (Blok golovok dlya dvukhdo-
rozhechnogo magnitofona)

PERIODICAL:

Radio, 1958, Nr 11, p 41 (USSR)

ABSTRACT:

A brief description is given of a head unit for a magnetic
sound recorder which makes it possible to change from one
track to the other without having to turn the reel over, by
moving the heads up or down to the required level (Figure 1).
There is 1 diagram.

Card 1/1

LYANDO, V.A.; ALABUZHEV, Yu.A.; SAZONOVA, I.S.; SAZONOV, L.A.

Glass cell with conducting walls for measuring the contact
difference of potentials. Kin.i kat. 3 no.5:794-796 S-0
'62. (MIRA 16:1)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.
(Catalysis) (Electromotive force)

L 17010-66 EWT(1)/EWA(h) GS

ACC NR: AT6006210

SOURCE CODE: UR/0000/65/000/000/0056/0060

AUTHOR: Tomingas, K. V.; Alabyan, M. S.

ORG: none

TITLE: A device for the determination of correlation functions

SOURCE: AN SSSR. Institut avtomatiki i telemekhaniki. Tekhnicheskaya kibernetika (Technical cybernetics). Moscow, Izd-vo Nauka, 1965, 56-60

TOPIC TAGS: correlation function, digital integrator, computer application

ABSTRACT: A brief description is given of a new electromechanical correlator for the calculating correlation and mutual correlation functions. It was developed jointly by the Institute of Automation and Telemechanics (Institut avtomatiki i telemekhaniki) and the Tsvetmetavtomatika Design Bureau (Konstruktorskoye byuro Tsvetmetavtomatika). Two standard RU5-02¹⁵ servomechanisms are used for information scanning from 160-mm wide diagram rolls. The correlation function of two stationary random processes is carried out by multiplying and integrating two electrical quantities proportional to the parameters under investigation. The integration is carried out on an integrating motor the number of turns of which is a linear function of the applied voltage. The article

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L 17010-66

ACC NR: AT6006210

presents the block diagram of the electromechanical correlator, detailed technical data, the circuit diagram of the frequency divider block, and an example of correlation function determination (see Fig. 1), which is compared with the correlation function calculated on an electronic computer. The correlator error does not exceed 15%. The calculation

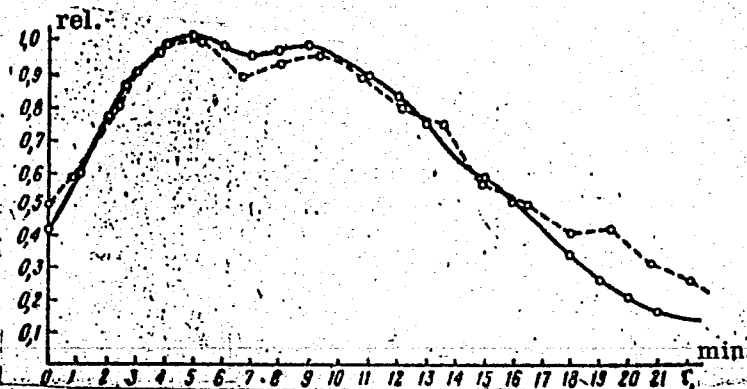


Fig. 1. Mutual correlation function between the classifier discharge and ore consumption ---- calculated on the new correlator; — calculated on the BESM-2 computer.

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L 17010-66

ACC NR: AT6006210

of 30 points of the correlation function from a 1.5-m long recording of a random process required 4 hours of work with a 3 mm/sec speed of advance. Orig. art. has: 1 formula and 4 figures. [08]

SUB CODE: 09 / SURM DATE: 05Nov65 / ATD PRESS: 4207

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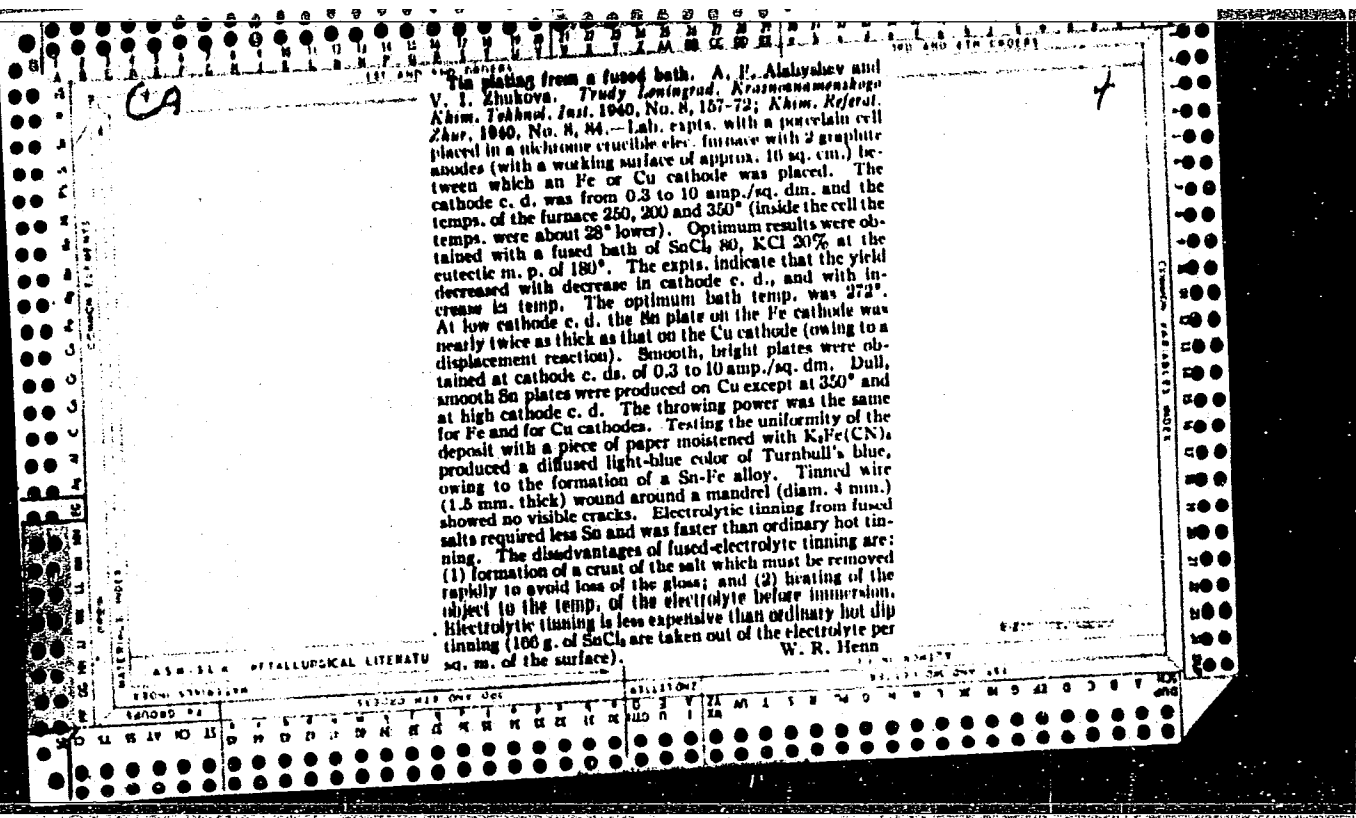
ALABYSHEV, A. E.		PRINCIPLES AND PROPERTIES INDEX																																																													
<p>The reduction of magnesium oxide by silico-aluminum. The electrometallurgy of magnesium and its alloys. P. I. Antipin and A. E. Alabyshev. <i>Light Metal</i>, 1, No. 12, 18-23 (1952); <i>Chem. Zvest.</i> 1954, 1, 424. -- Upon heating MgO (15% excess of the theoretical amt.) with silico-Al (about 70% Si, 25% Al, 5% Fe) at 1250° in a vacuum of 0.5-5.0 mm. Hg for 2 hrs., metallic Mg (in addn. to Al₂O₃ and MgSO₄) is obtained with a 71% yield. W. A. Moore</p>																																																															
<p>ASB-51A METALLURGICAL LITERATURE CLASSIFICATION</p>																																																															
<table border="1"> <thead> <tr> <th colspan="10">CLASSIFICATION</th> <th colspan="10">SUBJECT INDEX</th> </tr> <tr> <th colspan="10">CLASSIFICATION</th> <th colspan="10">SUBJECT INDEX</th> </tr> </thead> <tbody> <tr> <td colspan="10">CLASSIFICATION</td> <td colspan="10">SUBJECT INDEX</td> </tr> </tbody> </table>				CLASSIFICATION										SUBJECT INDEX										CLASSIFICATION										SUBJECT INDEX										CLASSIFICATION										SUBJECT INDEX									
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4

Carbon anodes for production of aluminum and clay.
A. F. Alabyshv and S. S. Markov. Russ. 43,739,
July 31, 1938. Alumina is introduced in petroleum res-
dues before baking.

AIR-SEA METALLURGICAL LITERATURE CLASSIFICATION
SECTION ONE ONLY JUL
BIBLIOTHECA



COMMON ELEMENTS										COMMON VARIABLES									
1ST AND 2ND SERIES										3RD AND 4TH SERIES									
PROCESSES AND PROPERTIES INDEX																			
<p>CA 4</p> <p>Electrolytic refining of lead. A.E. Alabyshev. U.S.S.R. 65,015, Aug. 31, 1945. Pb contg. Bi and possibly Ag is refined in an electrolyte of fused chlorides of Pb or alkali or alk. earth metals at a temp. of around 500°. The Pb to be refined dissolves at the anode. The anolyte is enriched by Bi and Ag (if present), while Pb contg. less than 0.004% of Bi is deposited at the cathode. Current densities of up to 6000 amp. per sq. m. can be used. The bath, of a refractory ceramic material, is divided into 2 chambers provided with outlets for the pure Pb and the anodic dross and is covered with a refractory lid with portholes to each of the chambers. These portholes are used for inspecting the bath and charging pigs of Pb to be refined.</p> <p>M. Horsch</p>																			
<p>ASB-51A METALLURGICAL LITERATURE CLASSIFICATION</p> <p>FROM SYMBOLIC</p> <p>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</p>																			

CA

The diagram of state of the systems sodium chloride-calcium chloride-barium chloride. A. P. Alshychev and

M. P. Lantratov. *Trudy Leningrad. Tekhnol. Inst. im. Leningrad. Soveta* 1946, No. 12, 141-51. — Data for the binary $\text{NaCl}-\text{CaCl}_2$ system were taken from Menges (C.A. 6, 44); for $\text{NaCl}-\text{BaCl}_2$ from Gemsky (C.A. 8, 2650); for $\text{CaCl}_2-\text{BaCl}_2$ from Bandonnini (C.A. 8, 2650). New data for the $\text{CaCl}_2-\text{BaCl}_2$ system agree with those of Bandonnini and not with Calcagni and Marotta (C.A. 10, 2176), who found a double salt. Bergman and Pavlenko (C.A. 33, 2403) used the latter binary data and have an erroneously complex ternary diagram. The ternary system, studied by visual cooling curves along 4 different cuts of const. binary mol. ratios, has one simple ternary eutectic at 454° with mol. %: BaCl_2 17.5, NaCl 35.75, CaCl_2 46.75. This eutectic is lower than that of the $\text{BaCl}_2-\text{NaCl}-\text{KCl}$ or $\text{CaCl}_2-\text{NaCl}-\text{KCl}$ systems and so is more suitable for electrolysis for Na. W. W.

CA

The electrical conductivity of the system sodium, calcium, barium|chlorine in the fused state. A. P. Alabyshev and N. Ya. Kulakovskaya. *Trudy Leningrad. Tekhnichesk. in. Leningrad. Seriya 1946, No. 12, 152-154.*—The sp. cond. of the fused binary chloride systems Na-Ca and Na-Ba are shown in graphs made from previously published data. Measurements were made along 3 cuts of const. binary mol. ratios at temps. from 600 to 660° and compns. up to 30 mol. % BaCl₂ and up to 50 mol. % NaCl. The sp. cond. is between 0.8 and 1.6/ohm cm. for these conditions. At const. temp. it decreases with addn. of CaCl₂ or BaCl₂, and at const. compn. it increases approx. linearly with temp. The data are accurate to 0.5%.

Worden Waring

1ST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX		3RD AND 4TH ORDERS	
COMMON ELEMENTS		3			
<p>Faraday's law and current efficiency in the electrolysis of fused salts. 1. Effect of temperature. A. V. Alabyshyev. <i>J. Applied Chem. (U.S.S.R.)</i> 20, 558-43(1947) (in Russian).— On the assumption that the decrease of cathodic current efficiency η with rising temp. is due mainly to increasing soly. of the metal in the fused salt, $\eta = 100 - b$ (where b = percent loss of metal through soln.) should vary with the temp. T, following a law analogous to that governing vapor pressure; i.e., $\log b = - (a/T) + \beta$. Validity of this formula was confirmed on data of η for the electrolysis of: NaCl, $T = 823-1033^\circ\text{K.}$, $a = 0.120$, $\beta = 7.94$, $\eta = 0$ at 1033°K.; PbCl₂, $T = 813-1300^\circ\text{K.}$, $a = 3020$, $\beta = 4.485$; ZnCl₂, $773-1210^\circ\text{K.}$, $a = 3325$, $\beta = 4.75$; MgCl₂, $923-1553^\circ\text{K.}$, $a = 1021$, $\beta = 2.67$. N. Thon</p>					
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION					
1ST ORDER		2ND ORDER		3RD ORDER	
1ST ORDER		2ND ORDER		3RD ORDER	

Faraday's law and current efficiency in the electrolysis of fused salts. II. The role of the current density at the electrodes. A. P. Alabyshv and I. A. Bogdanova. *Zhur. Priklad. Khim.* (J. Applied Chem.) 20, 597-604 (1947); *Chem. Zentr.* 1948, 1, 1039; cf. C.A. 42, 1823g.— Expts. on fused $PbCl_2$ showed the predominant influence of the cathodic c.d. on the current efficiency. At a const. cathodic c.d., a change in the anodic c.d. within wide limits (0.125-2.0 amp./sq. cm.) had practically no effect on the Pb yield. However, the current efficiency for the deposition of Pb, η (in %), changed with the cathodic c.d., D_c , according to the equation $\eta = 100 - (b/D_c)$, in which b is the metal loss (in %) at $D_c = 1$.

M. G. Moore

ALABYSHEV, A.F.; KUPFERBERG, L.S.

Thermic investigation of Na, K & Cl, F systems in the NaCl rich
range. Sbor.rab.Inst.prikl.khim. no.39:150-156 '47. (MLRA 7:3)
(Systems (Chemistry)) (Electrolytes) (Sodium)

AUTHOR AND TITLE		SUBJECTS AND PROPERTIES	
<p>Fedel'ev, N. P., Alabyshev, A. E., and Grigor, V. A.: Rukovodstvo k Laboratornym Rabotam po Prikladnoi Elektrokhemii. Moscow-Leningrad: Goskhimizdat. 1948. 214 pp. 7.30 r.</p>		<p>4</p>	
<p>ASR-51A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>SEARCHED</p>		<p>INDEXED</p>	
<p>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</p>		<p>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</p>	

ALABYSHEV, A. F.

"Problems of Electric Machines and Electric Drive," Sbor. Stat, pod. red.
A.F.Alabyshev, Moscow, Gosenergoizdat, 1951. 136 pages

ALABYSHEV, A. F.

PA 240T58

USSR/Electricity - Personalities May 52

Professor M. P. Bogoroditskiy, in Connection With His 50th Birthday, "P. I. Skotnikov, A. F. Alabyshov, S. Ya. Sokolov, A. A. Vavilov, V. V. Pasynkov, B. M. Tareyev

"Elektrichestvo" No 5, p 88

Reviews main features of professional life of Nikolay Petrovich Bogoroditskiy, born 20 May 02 in Tashkent. His principal interest has been development of h-f dielectrics. Between 1933 and 1942 he developed the now widely-used radio materials ti-kond, micalex, h-f glass, radio porcelain, and ultra-porcelain. Affiliations include Military Elec Eng Acad Imeni Budennyy (1933 - 1942) and a large plant laboratory (where he produced a number of inventions) during World War II. He has published a number of articles in journals, books and textbooks. He received three Stalin Prizes: for an invention in field of ceramics (1942); for textbook "Electrical Engineering Materials" (1952 and for development and organization of mass production of parts for radio equipment (1952).

240T58

ALABYSHEV, A. F.

USSR :

1. Activity of lead chlorides in
solutions in fused salts. M. F.
solutions in alkali and alkaline earth chlorides. M. F.
Lantratos and A. F. Alabyshev. J. Appl. Chem. USSR
26, 217, 46 (1953) (Engl. translation). -see C.I. 48, 50 (1953).
H. L. H.

①

AB Jan

ALABYSHEV, A. F.

Chemical Abstracts
May 25, 1954
General and Physical
Chemistry

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Investigation of solutions in fused salts. I. Activity of lead chloride in solutions in alkali and alkaline earth chlorides. M. F. Lantatov and A. F. Alabyshev. *Zhur. Priklad. Khim.* 26, 263-70 (1953). The e.m.f.s. of cells $Pb | PbCl_2 (N_1, a_1) - MCl_2 (N_2, a_2) | graphite, Cl_2$ were measured at 400-700°, and the activities and the activity coeffs. were calcd. (M = Na, K, Li, Ba, Sr, and Ca; N_1, N_2, a_1 , and a_2 are the resp. mol. fractions and activities). The data are tabulated and given in curves. The deviation of a from the ideal is greater whenever there is a tendency to form complex salts; at higher temps. the deviation decreases. It also decreases with the radius of M and increases with the valence.
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