

DMITRIYEV, Yu.V., inzh.; ORLOV, B.D., kand. tekhn. nauk.

Comparative evaluation of the weldability by resistance
welding of clad and nonclad SAP [sintered aluminum powder].
Trudy MATI no.57:114-119 '63.

Technology of electric spot and roll welding of clad SAP
[sintered aluminum powder]. IBid.:120-126 (MIRA 16:12)

ACCESSION NR: AP4020047

S/0032/64/030/003/0316/0316

AUTHORS: Dmitriyev, Yu. V.; Mazurov, I. V.; Ivannikov, V. I.

TITLE: Electrical polishing and etching of SAP [sintered aluminum powder]

SOURCE: Zavodskaya laboratoriya, v. 30, no. 3, 1964, 316

TOPIC TAGS: aluminum powder, sintered aluminum powder, electrical polishing, electrical etching, structure, SAP

ABSTRACT: Electrical polishing followed by electrical etching was used to disclose the structure of sintered aluminum powder. Electrical polishing was accomplished by removing a mechanically deformed layer by anodic decomposition until the surface of the metal was smooth and free of structural distortions. The electrolyte consisted of H_3PO_4 (1.7), 300 ml; H_2SO_4 (1.8), 100 ml; CrO_3 , 40 g; and H_2O , 40 ml. A current of 80-100 amp/dm^2 was used, and the solution was stirred throughout the process. The work was considered finished when a microscopic examination showed the surface to be sufficiently smooth. Etching was accomplished in the same solution but with a current of 10-15 amp/dm^2 . The polished plate was then washed

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ACCESSION NR: AP4020047

with warm water, fixed in concentrated HNO_3 , and chilled in cold water. Orig. art.
has: 2 microphotographs.

ASSOCIATION: Moskovskiy aviatsionnyy tekhnologicheskii institut (Moscow Institute
of Aviation Technology)

SUBMITTED: 00

DATE ACQ: 27Mar64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

ORLOV, B.D., kand. tekhn. nauk; DMITRIYEV, Yu.V., kand. tekhn. nauk;
MARCHENKO, A.L.

Controlling the quality of spot and seam resistance welding.
Svar. proizv. no.7:11-12 J1 '65. (MIRA 18:8)

1. Moskovskiy aviatsionnyy tekhnologicheskiy institut.

DMITRIYEV,

~~DMITRIYEV~~, Yu. Ya.; Master Tech Sci (diss) -- "Investigation of the flow caused by hydraulic accelerators for moving forest products on still-water shipping lines". Leningrad, 1959. 17 pp (Min Higher Educ USSR, Leningrad Order of Lenin Forestry Engineering Acad im S. M. Kirov), 150 copies (KL, No 12, 1959, 129)

MEL'NIKOV, Valentin Ivanovich, dots., kand. tekhn. nauk; SERGEYEV, Petr Georgiyevich, dots., kand. tekhn. nauk; DMITRIYEV, Yuriy Yakovlevich, kand. tekhn. nauk; SELIN, M.F., retsenzent; DOIL'NITSINA, A.G., retsenzent; IONOV, B.D., retsenzent; KISHINSKIY, M.I., otv. red.; PLESKO, Ye.P., red. izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Land transportation of timber and lumber floating] Sukhoputnyi lesotransport i lesosplyv. Moskva, Goslestumizdat, 1962. 314 p. (MIRA 15:12)

1. Petrozavodskiy lesotekhnicheskii tekhnikum (for Ionov). (Lumber—Transportation)

DMITRIYEV, Yuriy Yakovlevich, kand. tekhn. nauk; KOZLENKOV,
Nikolay Ivanovich, inzh.; GONIK, A.A., red.; KALININA,
L.M., red. izd-va; AKOPOVA, V.M., tekhn. red.

[Hydraulic accelerators for moving lumber] Gidravlicheskie
uskoriteli dvizheniya lesa. Moskva, Goslesbumizdat, 1963.
90 p. (MIRA 17:1)

OSIPOV, Petr Yegorovich, kand. tekhn. nauk; YAKOVLEV, G.D., kand.
tekhn. nauk, dots. st. nauchn. sotr., retsenzent;
DMITRIYEV, Yu.Ya., dots., kand. tekhn. nauk, retsenzent;
POGORELOV, V.I., red.

[Hydraulics and hydraulic machinery] (Gidravlika i gidrav-
licheskie mashiny. Izd.2., perer. i dop. Moskva, Lesnaya
promyshlennost', 1965. 362 p. (MIRA 18:7)

1. Kafedra vodnogo transporta lesa Vsesoyuznogo zaochnogo
lesotekhnicheskogo instituta (for Yakovlev).

ACC NR: AP7005005

SOURCE CODE: UR/0054/66/000/003/0026/0029

AUTHOR: Daitriyev, Yu. Yu.; Yur'yev, M. S.

ORG: none

TITLE: Variational principle for the intensity of forbidden transitions

SOURCE: Leningrad. Universitet. Vestnik. Seriya fiziki i khimii, no. 3, 1966, 26-29

TOPIC TAGS: variational method, forbidden transition, perturbation theory

ABSTRACT: It is shown that the functional (or variational principle)

$$J(\varphi, \varphi') = \int \varphi (H_0 - E_0) \varphi' d\tau + \int \varphi' V \Psi_0 d\tau + \int \varphi U \Psi_0' d\tau,$$

(where ϕ and ϕ' are trial functions; H_0 is the Hamiltonian of a system whose eigenfunctions are designated Ψ_0 and eigenvalues E_0 ; U and V are perturbations) permits an approximate calculation of the probability of forbidden transitions, which are allowed in the first-order perturbation theory. Inequalities are derived which permit an estimate from above and below for the corresponding matrix elements. By taking functions with parameters as the trial functions, one can reduce the calculation of the sum

$$\langle I | U | f \rangle = - \left(\langle \Psi_0 | V \frac{1}{H_0 - E_0} U | \Psi_0' \rangle + \langle \Psi_0' | V \frac{1}{H_0 - E_0} U | \Psi_0 \rangle \right)$$

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UDC: 530.145.61

ACC NR: AP7005005

(where i and f are the initial and final state respectively) to solving algebraic equations, instead of the differential equation which results from the method of V. M. Buymistrov (Litovsk. fiz. sb., No. 1-2, 94, 1963) and which is very difficult to solve. In conclusion, authors are deeply grateful to P. P. Pavinskiy for supervising the work and to T. K. Rebane for discussions. Orig. art. has: 18 formulas.

SUB CODE: 20/ SUBM DATE: 25Apr66/ ORIG REF: 004/ OTH REF: 001

Card 2/2

DMITRIYEVA, A.A.

MYKHAYLOVA, N.D.; DMITRIYEVA, A.A.; PETROVSKIY, I.N.

Skin tests for the identification of typhoid fever bacteria
carriers. Zhur.mikrobiol.epid.i immun. no.8:89 Ag '54. (MLRA 7:9)

1. Iz Rostovskogo instituta epidemiologii, mikrobiologii i gigiyeny
i kafedry infektsionnykh bolezney Rostovskogo meditsinskogo instituta.
(TYPHOID FEVER)

DMITRIYEVA, A.A.

Diathermocoagulation of the sclera in the area of the ciliary
body in glaucoma [with summary in English]. Vest.oft. 72 no.2:
3-11 Mr-Apr '59. (MIRA 12:4)

1. Kafedra glaznykh bolezney I Moskovskogo ordena Lenina meditsin-
skogo instituta im. I.M. Sechenova (dir. - chlen-korrespondent AMN
SSSR prof. V.N. Arkhangel'skiy).

(GLAUCOMA, ther.

diathermocoagulation of sclera in area of ciliary
body (Rus))

(DIATHERMY, in various dis.

diathermocoagulation of sclera in area of ciliary
body in glaucoma (Rus))

DEMITRIYEVA, A.A.

Traumatic intraocular cysts in the light of clinical and anatomical data. Vest. oft. no. 4:54-60. (MIRA 14:11)

1. Moskovskaya glaznaya klinicheskaya bol'nitsa (nauchnyy rukovoditel' - zasluzhennyy deyatel' nauk prof. M.L. Krasnov, zav. patologicheskim otdeleniyem - kand.med.nauk V.M. Shepkalova).
(EYE--WOUNDS AND INJURIES) (CYSTS)

DMITRIYEVA, A.A.; KOKIN, S.D.

Templates for two-tone painting of bodies. Avt.prom. no.8:
33-34 Ag '60. (MIRA 13:8)

1. Moskovskiy zavod malolitrazhnykh avtomobiley.
(Automobiles--Painting)

DMITRIYEVA, A. A. Cand Med Sci -- "Clinical observations of the operation of
diathermo^oagulation of the sclera in the region of the ciliary body in glaucoma."
Mos, 1961 (2nd Mos State Med Inst im N. I. Pirogov). (KL, 4-61, 208)

DMITRIYEVA, A. A.

PA 36/49T48

USSR/Medicine - Plants
Medicine - Trees

Jan/Feb 48

"Phenology of the Wild Flora in the Batumi Botanical Garden," A. A. Dmitriyeva, Batumi Bot Garden, 17 pp

"Botan Zhur" Vol XXXIII, No 1

Lists various forms of plants grown in subject botanical gardens with brief description of each. Tabulates wild trees, ferns, and single and double located plants. Plants are obtained from all countries of the world.

36/49T47

DMITRIYEVA, A. A.

30227

Opyt introduktsii kavkazskoy flory v batumskom botanicheskom sadu.
Byullyeten' glav. botan. sada, vyp. 3, 1949, s. 36-46

SO: LETOPIS' NO. 34

DMITRIYEVA, A.A.

In the Batum betanical garden. Priroda 45 no.3:127 Mr '56.
(MIRA 9:7)

1. Batumskiy botanicheskiy sad.
(Batum--Botanical gardens)

DMITRIYEVA, A.A.

BAYTENOV, M.B.; GOLOSKOKOV, V.P.; DMITRIYEVA, A.A.; DOBROKHOTOVA, K.B.;
KUZNETSOV, N.M. [deceased]; POLYAKOV, P.P.; PAVLOV, N.V.;
akademiik, glav. red.; SUVOROVA, P.I., red.; ALFEROVA, P.F., tekhn.
red.

[Flora of Kazakhstan] Flora Kazakhstana. Glav. red. N.V. Pavlov.
Sost. M.B. Baitenov, dr. Alma-Ata, Akad. nauk Kazakhskoi SSSR.
Vol.2. 1958. 289 p. (MIRA 11:7)

1. Akademiya Nauk KazSSR (for Pavlov).
(Kazakhstan--Botany)

DMITRIYEVA, A.A.; MAKASHVILI, A.K., red.; BAKRADZE, D.S., red. 1zd-vs;
TODUA, A.R., tekhnred.

[Key for the identification of plants of Adzharia] Opredelitel'
rastenii Adzharii. Pod red. A.K. Makashvili. Tbilisi, Izd-vo
Akad. nauk Gruzinskoi SSR, 1959. 446 p. (MIRA 13:8)
(Adzhar A.S.S.R.--Botany)

DMITRIYEVA, A.A.

Introducing into cultivation some herbaceous plants flowering
in winter. Biul.Glav.bot.sada no.35:50-53 '59. (MIRA 13:2)

1. Botanicheskiy sad AN GruzSSR, g.Batumi.
 (Batum--Flowers)
 (Plant introduction)

VASIL'YEV, A.V.; GULISASHVILI, V.Z., akademik; DMITRIYEVA, A.A.;
DOLUKHANOV, A.G.; MATIKASHVILI, V.I.; MAKHATADZE, L.B.;
MULKIDZHANYAN, Ya.I.; FRILIPKO, L.I.; SAKHOKIA, M.F.;
MIRZASHVILI, V.I., red.; AVALIANI, N.M., red. izd-va;
TODUA, A.R., tekhn. red.

[Trees of the Caucasus; wild and cultivated trees and shrubs]
Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i
kustarniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Vol.2. [Angiosperms. Dicotyledons] Angiospermae - Pokryto-
semennye. Dicotyledoneae. Dvudol'nye. 1961. 334 p.

(MIRA 15:2)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa.
2. Akademiya nauk Gruzinskoy SSR, Tiflis (for Gulisashvili).
(Caucasus--Angiosperms) (Caucasus--Dicotyledons)

VASIL'YEV, A.V.; DMITRIYEVA, A.A.; MAKHATADZE, L.B.; MIRZASHVILI, V.I.; MULKIDZHANYAN, Ya.I.; PRILIPKO, L.I.; RUKHADZE, P.Ye.; SAKHOKIA, M.F.; SKHIYERELI, V.S.; GULISASHVILI, V.Z., akademik, red.; AVALIANI, N.M., red.izd-va; BOKERIYA, E.N., tekhn. red.

[Woody plants of the Caucasus; wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo AN Gruz.SSR. Vol.3. [Angiospermae; Dicotyledoneae; Moraceae (mulberry family) - Platanaceae (plane-tree family)] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi, Izd-vo AN Gruz.SSR. (MIRA 16:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut lesa. AN Gruzinskoy SSR (for Gulisashvili). (Caucasus—Woody plants)

VASIL'YEVA, A.N.; GAMAYUNOVA, A.P.; GOLOSKOKOV, V.P., kand.
biol. nauk; ~~DMITRIYEVA, A.A.~~; KARUMYSHEVA, N.Kh.;
KUBANSKAYA, Z.V., kand. biol. nauk; ORAZOVA, .; PAVLOV,
N.V., akademik; ROLDUGIN, I.I.; SEMIOTROVKHEVA, N.L.;
TEREKHOVA, V.I.; FISYUN, V.V.; TSAGOLOVA, V.G.; SUVOROVA,
R.I., red.; IVANOVA, E.I., red.; BYKOV, B.A., red.

[Flora of Kazakhstan] Flora Kazakhstana. Glav. red. N.V.
Pavlov. Sost. A.N.Vasil'yeva i dr. Alma-Ata, Izd-vo AN
Kazakh. SSR. Vol.7. 1964. 494 p. (MIRA 17:6)

1. Akademiya nauk Kaz.SSR (for Pavlov). 2. Chlen-korres-
pondent AN KazSSR (for Bykov).

DMITRIYEVA, A.A.; MANDZHAVIDZE, D.V.

Smirnov's rhododendron in Adzharistan. Soob. AN Gruz. SSR 30 no.4:
461-466 Ap '63. (MIRA 17:9)

1. Batumskiy botanicheskiy sad AN GruzSSR. Predstavleno akademikom
V.Z. Gulisashvili.

DMITRIYEVA, A.A.

Oceanographic research in the United States. Vest. LGU 12 no.18:
141-148 '57. (MIRA 11:3)
(United States--Oceanographic research)

DMITRIYEVA, A.A.

A book on oceanography ("Dynamical oceanography" by J. Proudman.
Translated from the English. Reviewed by A.A. Dmitrieva). Vest. LGU
13 no.6:146-148 '58. (MIRA 11:5)
(Oceanography)
(Proudman, J.)

~~DMITRIYEV, A.A.~~

All-Union plenary session of the oceanographic commission.
Vest.IGU 14 no.18:136-137 '59. (MIRA 12:8)
(Oceanography)

GORSKIY, Nikolay Nikolayevich; ~~DMITRIYEV~~, A.A., otv.red.; LIVSHITS, B.Kh.,
red.; VLADIMIROV, O.G., tekhn.red.

[The energy and mineral wealth of seas in the service of mankind]
Energia i khimicheskie bogatstva morei na sluzhbu u cheloveka.
Leningrad, Gidrometeor.izd-vo, 1960. 96 p. (MIRA 13:10)
(Hydroelectric power) (Sea water)
(Tidal power)

AL'TSHULER, V.M.; DMITRIYEVA, A.A.

Some oceanographic calculations in the design of tidal electric
power stations. Uch.zap.IGU no.309:3-54 '61. (MIRA 15:3)
(Tidal power)

DMITRIYEVA, Aleksandra Andreyevna; PETROVSKAYA, T.I., red.;
YELIZAROVA, N.A., tekhn. red.

[Methods for the calculation and precomputation of tidal
currents] Metody rascheta i predvychisleniia prilivnykh
techenii; uchebnoe posobie. Leningrad, Izd-vo Leningr.
univ., 1963. 181 p. (MIRA 17:1)

VASIL'YEVA, A.N.; GAMAYUNOVA, A.P.; ~~DMITRIYEVA, A.A.~~; GOLOSKOV,
V.P., kand. biol. nauk; ZAYTSEVA, L.G.; KARMYSHEVA, N.Kh.
ORAZOVA, A.; PAVLOV, N.V., akademik; ROLDUGIN, I.I.;
SEMIOTROCHEVA, N.L.; TEREKHOVA, V.I.; FISIYUN, V.V.;
TSAGALOVA, V.G.; SUVOROVA, R.I., red.

[Flora of Kazakhstan] Flora Kazakhstana. Glav. red. N.V.
Pavlov. Alma-Ata, Nauka. Vol.8. 1965. 444 p.
(MIRA 18:5)

1. Akademiya nauk Kaz.SSR (for Pavlov).

DUKHANIN, Yu.A., inzh.; IGNATOK, A.I., red.; FIALKOVSKAYA, T.A., starshiy nauchnyy sotr., red.; DMITRIYEVA, A.A., red.; KAZANSKIY, A.M., starshiy inzh., red.; FEDOROV, Ye.N., red.; SMIRNOVA, G.V., tekhn. red.

[Regulations for safety and sanitary measures for the painting of parts in the machinery industry] Pravila tekhniki bezopasnoti i proizvodstvennoi sanitarii pri okraske izdelii v mashinostroyeni. Utverzhdeny postanovleniem Prezidiuma TsK profsoyuza rabochikh mashinostroyeniia 27 iuliia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroyit. lit-ry, 1961. 92 p. (MIRA 14:11)

1. Profsoyuz rzbochikh mashinostroyeniya SSSR. 2. Komissiya TSentral'nogo komiteta profsoyuza rabochikh mashinostroyeniya SSSR i Moskovskiy avtomekhanichskiy institut (for Dukhanin). 3. Glavnyy tekhnicheskii inspektor TSentral'nogo komiteta profsoyuza rabochikh mashinostroyeniya SSSR (for Ignatok). 4. Moskovskiy institut okhrany truda (for Fialkovskaya). 5. Nachal'nik proyektного byuro Moskovskogo zavoda malolitrazhnykh avtomobiley (for Dmitriyeva). 6. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya (for Kazanskiy). 7. Nachal'nik otdela Nauchno-issledovatel'skogo tekhnologicheskogo instituta avtomobil'noy promyshlennosti (for Fedorov).

(Painting, Industrial—Safety measures)

DMITRIYEVA, A.A.; CHIFINA, A.P.; KOKIN, S.D.

Formation of bubbles on the painted surfaces of automobiles. Avt.
prom. 27 no. 4:41 Ap '61. (MIRA 14:4)

1. Moskovskiy avtozavod malolitrzhnykh avtomobiley.
(Automobiles—Painting)

SYABAYEVA, Tat'yana Mikhaylovna, Geory Sotsialisticheskogo Truda,
doyarka; DMITRIYEVA, A.A., red.; YELAGIN, A.S., tekhn. red.

[Five tons of milk from each cow] Piat' tonn moloka ot kazhdoi
korovy. Moskva, Sovetskaya Rossiya, 1961. 15 p.

(MIRA 15:7)

1. Sovkhoz "Borskaya ferma" Borskogo rayona Gor'kovskoy oblasti
(for Syabayeva).

(Dairying)

DMITRIYEVA. A.A., kand.med.nauk; GRINBERG, E.M.

Angioid streaks of the retina. Trudy 1-go MMI 32:201-207 '64.
(MIRA 18:5)

DMITRIYEVA, A.A., kand.med.nauk

Chloroma of the orbit. Trudy 1-go MMI 32:208-212 '64.

(MIRA 18:5)

GORIANOVA, T.T.; DMITRIYEVA, A.F.; ZHILINSKAYA, M.A.; KRYSHOVA, N.A.; PERVOV, L.G.; TOLSTOVA, T.I.

Clinical and physiological data on some forms of internal inhibition in neurasthenics and hysterics. Trudy Inst. fiziol. 7:72-77 '58.

(MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy (zav. - N.A. Kryshova). Instituta fiziologii im. I.P. Pavlova AN SSSR. (NEUROSES) (INHIBITION)

DMITRIYEVA, A.F.

Higher nervous activity in different forms of neurasthenia. Trudy
Inst. fiziol. 7:97-105 '58. (MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevanity nervnoy sistemy
(zav. - N.A. Kryshova). Instituta fiziologii im. I.P. Pavlova AN
SSSR.

(NEURASTHENIA)

DMITRIYEVA, A.F.

Some changes in the interrelation between the signal systems as a result of treatment of neurasthenia and hysteria. Zhur. nevr. i psikh. 63 no.4:591-594 '63.

(MIRA 17:2)

1. Sektor nervnykh bolezney (zav. - prof. N.A. Kryshova)
Instituta fiziologii imeni I.P. Pavlova (dir. - prof. V.N. Chernigovskiy) AN SSSR, Leningrad.

DMITRIYEVA, A.I.; SHUSHKIN, A.A.; MIRONOV, K.M.; DERBENEV, S.I.;
GRANICHNOVA, Z.P.; OKUN', M.M.; MIKHAYLOVA, N.N.; ANDREYEV,
V.V.; MAKEYEV, V.S.; OSIPOVA, V.M.; L'VOVYY, V.S.;
SMIRNOV, G.N., nauchnyy sotr.; ZAIKIN, I.N.; TAL'NISHNIKH,
G.N.; MORKOVIN, V.A.; GALAGAN, V.A.; RAZUVAYEV, A.A., red.;
SOKOLOVA, V.Ye., red.; TRISHINA, L.A., tekhn. red.

[Manual on the industrial primary processing of flax]
Spravochnik po zavodskoi pervichnoi obrabotke l'na. Izd.2.,
perer. i dop. Moskva, Rostekhzdat, 1962. 755 p.

(MIRA 15:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut lubyanykh volokon (for Dmitriyeva, Shushkin, Mironov, Derbenev, Granichnova, Okun', Mikhaylova, Andreyev, Makeyev, Osipova).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut okhrany truda (for Smirnov).
3. Upravleniye zagotovki i pervichnoy obrabotki l'na Kalininskogo sovnarkhoza (for Zaikin, Tal'nishnikh, Morkovin, Galagan, L'vovyy).

(Flax) (Flax processing machinery)

DMITRIYEVA, A.F.; ZHILINSKAYA, M.A.; KRYSHOVA, N.A.; PERVOV, L.G.

Determining types of the higher nervous activity in neurotics.
Trudy Inst. fiziol. 7:106-113 '58. (MIRA 12:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy
(zav. - N.A. Kryshova) Instituta fiziologii im. I.P. Pavlova AN
SSSR.

(NEUROSIS)

DMITRIYEVA, A.F.

Study of the correlation of signal systems in neurasthenia and
hysteria. Trudy Inst.fiziol. 10:23-27 '62 (MIRA 17:3)

1. Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy
(zav. - N.A. Kryshova) Instituta fiziologii imeni Pavlova AN
SSSR

REZNIK, N.F.; ARMAUTOV, N.P.; DETMILVA, A.G.; TSITOVICH, S.I.

Experience in the operation of a unit for the purification of
ballast water. Transp. i khran. nefiti pt. c no.2:18-21 '63.

(MIRA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo
transporta Ministerstva putey soobshcheniya, Ventspilsskaya perevaloch-
naya neftebaza i Gosudarstvennyy institut po proyektirovaniyu morskikh
portov i sudoremontnykh predpriyatiy Ministerstva morskogo flota SSSR.

VOSKRESENSKIY, B.V.; DMITRIYEVA, A.I.; LEBEDEVA, Z.I.

Experience in the prevention of staphylococcal diseases in maternity homes by immunizing pregnant women with staphylococcal toxoid.

Zhur.mikrobiol.epid.i immun. 32 no.1:33-39 Ja '61.

(MIRA 14:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei

AMN SSSR i Moskovskogo rodit'nogo doma No.16.

(STAPHYLOCOCCAL INFECTIONS)

(PREGNANCY, COMPLICATIONS OF)

DMITRIYEVA, A.I.; VOSKRESENSKIY, B.V.

Use of staphylococcal anatoxin for prevention of suppurative diseases in puerperants and newborn infants. Akush. i gin. 40 no.1:22-25 Ja-F '64. (MIRA 17:8)

1. Rodil'nyy dom No.16 (glavnyy vrach A.I. Dmitriyeva) i Institut epidemiologii i mikrobiologii imeni N.F. Gamalei, Moskva.

1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
MATERIALS INDEX										PROCESSES AND PROPERTIES INDEX									
<p>17</p> <p>*Intensification of the Tower Process and the Corrosion of Lead. I. E. Adadurov, A. I. Dmitriyev, and V. M. Zinovikh (Zhurnal Khimicheskoi Promishlennosti (J. Chem. Ind.), 1930, 18, 600-663; C. Abs., 1930, 20, 6515).—[In Russian.] Cf. Met. Abs., 1935, 2, 508. Lead is more strongly attacked in the tower system the higher the temperature, strength of acid, and amount of N_2O_5 present. To obtain a minimum loss of lead, the acid in the Glover tower should not be stronger than 58°-59° Bϕ, and the N_2O_5 should be 2.3-3%. The acid entering the Gay-Lussac tower should not be weaker than 50° Bϕ at not over 30°-35°. The intensity of the process is not effected by these limits.—S. G.</p>										4									
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18

CA

Obtaining krypton concentrates in air fractionation apparatus. A. I. Dmitrieva, I. P. Ishkin and M. B. Kal'manovich. *J. Chem. Tech. (U. S. S. R.)* 17, No. 4 5, 45 8 (1940). App. contg. a special column for rectifying the O fraction from air is described. In this app., 60 70% of the Kr can be removed from the O as a Kr-Xe concentrate. H. M. Leicester

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

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DMITRIYEVA, A. I.

Smitriyeva, A. I. - "The structural components of technical fiber and yarn in connection with its strength", Nauch.-issled. trudy (Mosk. tekstil. in-t), Vol. XI, 1948, p. 128-39.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 8, 1949).

DMITRIYEVA, A.I.

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10901

Author : Dmitriyeva, A.I.

Inst : All-Union Scientific Research Institute of Forestry and
Mechanization of Forest Economy.

Title : Developing of European Spindle Tree Varieties.

Orig Pub : Sb. rabot po lesn. kh-vu. Vses. n.-i. in-t lesovodstva i
mekhaniz. lesn. kh-va, 1956, No 32, 148-156

Abstract : The results of an examination of the basic geographical
regions of natural growth of European spindle tree in the
Northern Caucasus, the Ukraine, and Moldavia, conducted
in 1949-1950. Plants younger than 10-12 years were analy-
zed. It was determined that variants possessing corklike
growths or figured lentil-like designs on the trunk por-
tions of the plants have weak gutta-accumulating energy

Card 1/2

19

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10901

and cannot be used in selection. The variants with green bark have a high rate of gutta accumulation, and therefore they are used in selection. It has been determined that to a high degree intensity of root formation and gutta accumulation is retained and passed on the future generations.

Card 2/2

DMITRIYEVA, A.I.

Misuse of an author's text should not be tolerated. Tekst. prom. 17
no. 8:64-65 Ag '57. (MLRA 10:9)
(Textile fibers) (Hemp)

SINYAGIN, I.I., doktor sel'skokhozyaystvennykh nauk, red.; DMITRIYEVA, A.I., red.; YEMEL'YANOV, F.V., red.; SOKOLOV, G.N., red.; SUVALOV, I.S., red.; SHLEPANOV, V.M., red.; SHUMKOV, V.A., red.; ANTONOVA, N.M., tekhn.red.

[Papers of the anniversary session of the Lenin All-Union Academy of Agricultural Sciences dedicated to the 40th anniversary of the Great Socialist October Revolution] Materialy iubileinoi sessii Vsesoiuznoi akademii sel'skokhoziaistvennykh nauk imeni V.I.Lenina, posviashchennoi 40-i godovshchine Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1958. 900 p. (MIRA 13:2)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina. 2. Glavnyy uchenyy sekretar' Prezidiuma Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (VASKhNIL); chlen-korrespondent (for Sinyagin).
(Agricultural research) (Forestry research)

DMITRIYEVA, A.I., kand. tekhn. nauk; CHERNYSHEVA, Z.A., inzh.

Some characteristics of flax fibers processed by thermal and
steam retting. Tekst. prom. 18 no.2:10-14 F '58.

(MIRA 13:3)

(Retting) (Flax)

DMITRIYEVA, A.I., red.; YEMEL'YANOV, F.V., red.; KARTASHEVA, N.M., red.;
SOKOLOV, G.N., red.; SUVALOV, I.S., red.; ANTONOVA, N.M.,
tekhn.red.

[Achievements of the Lenin All-Union Academy of Agricultural
Sciences and tasks of research institutes in carrying out reso-
lutions of the December Plenum (1959) of the Central Committee
of the CPSU; materials of the general assembly of the academicians
and corresponding members of the Academy, March 22-25, 1960]
Itogi raboty VASKHNIL i zadachi nauchnykh uchreshdenii po reali-
zatsii reshenii dekabr'skogo (1959 g.) Plenuma TsK KPSS; materialy
obshchego sobraniia akademikov i chlenov-korrespondentov VASKHNIL
22-25 marta 1960 g. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1960.
190 p. (MIRA 14:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.
Lenina.

(Agricultural research)

DMITRIYEVA, A.I., red.; YEMEL'YANOV, F.V., red.; SHLEPANOV, V.M., red.;
ANTONOVA, N.M., tekhn. red.

[Work results of Soviet agricultural academies during 1959 and basic problems of research for the coming years; materials of the extended session of the Council for the Coordination of Agricultural Research of the Lenin All-Union Academy of Agricultural Sciences] Itogi raboty respublikanskikh akademii sel'skokhoziaistve nykh nauk za 1959 god i osnovnye problemy nauchno-teoreticheskikh issledovanii na blizhaishie gody; materialy rasshirennogo zasedaniia Soveta po koordinatsii nauchnoi deiatel'nosti po selskomu khoziaistvu Vsesoiuznoi akademii sel'skokhoziaistvennykh nauk imeni V.I.Lenina 25-26 marta 1960 goda. Moskva, Izd-vo M-va sel'.khoz. SSSR, 1960. 166 p. (MIRA 14:5)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.Lenina. (Agricultural research)

DOBYCHIN, Vadim Petrovich; DMITRIYEVA, A.I., red.; GINZBURG, L.N., red.:

[Problems in the theory and methodology of research in textile technology] Voprosy teorii i metodologii issledovani v tekstil'noi tekhnologii. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1960.
427 p. (MIRA 14:2)

(Textile industry)

DMITRIEVA, A.I.

Postpartum hemorrhage as a result of afibrinogenemia. Akush.
i gin. no.6:41-43 '61. (MIRA 14:12)

1. Iz rodil'nogo doma No.16 (glavnyy vrach A.I. Dmitrieva),
Moskva.
(HEMORRHAGE, UTERINE) (FIBRINOGEN)

DMITRIYEVA, A. M.

USSR/Metals-Steel, Titanium
Chemistry-Phosphorus, Determination

Jun 50

"Determination of Phosphorus in Steels and Alloys Containing Titanium,"
Ye. F. Pen'kova, A. M. Dmitriyeva, P. Ya. Yakovlev, "Elektrostal'" Plant

"Zavod Lab" Vol XVI, No 6, pp 744-745

Describes method now in use in the "Elektrostal'" Plant for determination of phosphorus in presence of titanium and also procedure for determination of phosphorus in titanium dioxide. Suggests fusing of sample, in latter case, with sodium peroxide using iron crucible instead of platinum.

A 163T63

RYLOVA, G.I., dotsent; MOLDAVSKAYA, B.I., assistant; DMITRIYEVA, A.M.,
assistant

A case of sarcoidosis (Besnier-Boeck-Schaumann) with lesions of the
skin, lungs and bones. Vest.rent. 1 rad. 34 no.4:79 J1-Ag '59.
(MIRA 12:12)

1. Iz kafedry kozhno-venericheskikh bolezney (zav. - prof. P.I. Iye-
rusalimskiy) i kafedry rentgenologii i radiologii (zav. - dotsent
G.I. Rylova) Permskogo meditsinskogo instituta (dir. - prof. I.I.
Kositsyn).

(SARCOIDOSIS radiography)

(SKIN pathol.)

(LUNGS pathol.)

(BONE & BONES pathol.)

ASS, Ya.K.; DMITRIYEVA, A.M.

Pneumoperidurography in the diagnosis of degenerative lesions of the lumbar intervertebral disks. Eksper. khir. i anest. 9 no.1:30-33 Ja-F '64. (MIRA 17:12)

1. Gospital'naya khirurgicheskaya klinika (zav. - prof. S.Yu.Minkin) i kafedra rentgenologii (zav. - dotsent G.I.Rylova) Permskogo meditsinskogo instituta.

ASS, Ya.K. (Perm' 39, Komsomol'skiy prospekt, d. 68, kv.9); DMITRIYEVA, A.M.

Diskography in the diagnosis of degenerative lesions of the
lumbar intervertebral disks. Ortop., travm. i protaz. 26
no.4:14-18 Ap '65. (MIRA 18:12)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. -
chlen-korrespondent AMN SSSR prof. M.V.Volkov), hospital'noy
khirurgicheskoy kliniki (zav. - prof. S.Yu.Minkin) i kafedry
rentgenologii (zav. - dotsent G.I.Rylova) Permskogo meditsin-
skogo instituta.

I 35469-65, EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4 RPL WW/RM
ACCESSION NR: AP4046898 S/0191/64/000/010/0033/0036

AUTHOR: Filis, I. Ye. (Deceased); Tumanova, T. A.; Grad, N. M.; Al'shits, I. M.; Dmitriyeva, A. N.

TITLE: Effect of water on polyester resins and glass plastics based on them

SOURCE: Plasticheskiye massy, no. 10, 1964, 33-36

TCPIC TAGS: polyester resin, polyester maleate, polyester maleate acrylate, binder, resin, glass plastic, artificial sea water, washing out, salt, polyacrylic resin, glass plastic mechanical property

ABSTRACT: The behavior of glass plastics based on polyester maleate (PN-3) and polyester maleate acrylate (MA-3) binders in artificial sea water was investigated. The "sea water" was prepared by dissolving different amounts of chemically pure salts (NaCl, MgCl₂, MgSO₄, KCl, NaHCO₃) as tabulated. The water was filtered and the pH and concentration of all ions were determined. The preparation of the polyester resins and glass plastics based on them is also described. The water absorption of hardened resins and glass plastics was then determined. The experimental data indicate that the resin and glass plastic samples adsorb HCO₃⁻ ions

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1 35469-65

ACCESSION NR: AP4046898

from the water, almost the total amount of bicarbonate being extracted during the first 2-3 months. Resin PN-3 does not change the Cl^- concentration of the "sea water", whereas the Cl^- ions are washed out from glass plastic. This phenomenon (though to a smaller extent) is also characteristic for resin MA-3 and the glass plastics based on it. The concentration of sulfate ions in sea water does not change. Ca^{++} ions are washed out more rapidly from glass plastics based on PN-3 than from the MA-3 glass plastics. The Ca^{++} concentration in sea water varies only slightly after resins are kept in it. The data obtained on the variation of Mg^{++} and K^+ ions in sea water do not permit a safe conclusion as to the tendency toward their absorption and washing out by the samples, because the absolute values of the changes lie within the range of possible analytical errors. The resins definitely do not cause the Na^+ ion concentration to change in sea water. Glass plastics based on resin PN-3 show a tendency to washing out of Na^+ ions after 20 days in the water; thereafter, the absorption of Na^+ ions by the samples is noticed. The same tendency to a less pronounced washing out of Na^+ ions is found for glass plastics based on MA-3 resin. The effect of sea water on the physico-mechanical properties of resins and glass plastics shows that the bending strength and impact toughness change more significantly for PN-3 resin and its

Cord 2/3

L-35469-65

ACCESSION NR: AP4045890

glass plastics than for MA-3 and its glass-plastics. "Thanks are due to L. A. Gladkaya and O. A. Mudrov for making the samples, and to G. N. Zubova for carrying out the analyses." Orig. art. has: 2 tables and 6 figures.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 010

OTHER: 008

Card 3/3

DMITRIYEVA, A. N.

New ways of investigation of the processes of fertilization in the higher plants with the aids of radioactive isotopes. I. M. Polyakov and A. N. Dmitriyeva. Zhur. Obshchei Biol. 16, 3-16 (1955)-Corn, Tobacco, and Petunias (*Petunia violacea*) were grown on a medium contg. either $\text{Na}_2\text{SO}_4\text{-S}^{32}$ or ortho-phosphate P^{32} , and the rate of accumulation of radioactivity in the pollen of the plants was followed up for several months until a max. of activity in the pollen was obtained, i. e., 50-150 impulses/mg./min. Much higher activities could be obtained in the pollen by transfer of branches of plants, with abundance of young buds, into media which were enriched with S^{32} or P^{32} . Within 24 hrs.-48 hrs. the activity of the pollen was raised severalfold. Nonradioactive plants were then pollinated with either homologous radioactive pollen or cross-pollinated with radioactive pollen of another species, followed by pollination of nonradioactive pollen. The seeds were collected, dried, and assayed for radioactivity. All seeds contained significant activity suggesting the participation of labeled pollen in the processes of fertilization which is basically a physiol. exchange of substances. Pollen of unrelated plants participates in the metabolic exchange reactions and hence in the processes of fertilization of an unrelated plant.

J. A. Stekol

POLYAKOV, I.M.; DMITRIYEVA, A.N.; ZDRIL'KO, A.F.

New data on the use of radioactive isotopes in investigating the fertilization of plants. Zhur.ob.biol. 17 no.5:321-334 S-O '56.

(MLRA 9:12)

1. Institut rasteniyevodstva, seleksii i genetiki Ministerstva sel'skogo khozyaystva. USSR, Khar'kov.

(FERTILIZATION OF PLANTS)

(RADIOACTIVE TRACES)

SP-1 Selection - 1956

DMITRIYEVA, A. N., POLYAKOV, I. M., and ZDRILKO, A. P.

"New data obtained in the study of fertilization of plants through the use of radio-active isotopes," a paper submitted at the International Conference on Radioisotopes in Scientific Research, Paris, 9-20 Sep 57.

MITRIYEVA, A. N.
: Cultivated Plants. Grains. Legumes. Tropical
Cereals.
Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6223
Author : Dmitrieva, A. N.
Inst : Ukrainian sci.-res. Institute of plant cult.
Title : selec. and genet.
: The Biochemistry of the Grain of corn Hybrids
Orig Pub : Byul. Ukr. n.-i. in-ta rastenievodstva,
selekts. i genet., 1958, No 2, 51-53

Abstract : Because of their content of fat and starch,
hybrids occupy an intermediate position between
the parental forms, approaching the highest
yielding ones, or even surpassing them. But
they occupy an intermediate position or even
have a lower protein content in the majority
of cases. However, in Fo, the content of protein

and 1/2

15

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SOKOLOV, B.A.; ALEKSEYEVA, G.M.; DMITRIYEVA, G.V.

Organofluosilicon compounds. Part 2: Reaction of silane hydrides
with 1-butoxy-1,3-butadiene. Zhur. ob. khim. 35 no.10:1839-1840
O '65. (MIRA 18:10)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR.

DMITRIYEVA, A.N. [Dmytrieva, O.M.]

Effect of intervarietal crossbreeding on the chemical composition
of corn kernels. Trudy Inst. gen. i sel. AN URSR 5:21-27 '58.
(Corn breeding) (MIRA 11:9)

MATSKOV, F.F. [Matskov, F.P.]; DMITRIYEVA, A.N. [Dmitrieva, O.M.]

Indices of reactivity to thaws in winter wheat varieties. Trudy
Inst. gen. i sel. AN URSS 5:81-87 '58. (MIRA 11:9)
(Wheat) (Plants--Frost resistance)

FLIS, I.Ye.[deceased]; TUMANOVA, T.A.; GRAD, N.M.; AL'SHITS, I.M.;
DMITRIYEVA, A.N. Prinimat uchastiye: GLADKAYA, L.A.; MUDROV,
O.A.; ZUBOVA, G.E.

Effect of water on polyester resins and glass plastics based on
same. Plast.massy no.10:33-36 '64. (MIRA 17:10)

TITLE: Effect of water on fire-resistant polyester resins and glass-reinforced plastics based on them

SOURCE: Plasticheskiye massy, no. 7, 1965, 46-48

TOPIC TAGS: self extinguishing plastic, polyester, glass reinforced plastic, sea water

ABSTRACT: The effect of sea water on the fire resistance of certain self-extinguishing unsaturated polyester resins and the glass-reinforced plastics (GRP) based on them has been studied. This work was done in view of the scarcity of data on this effect. Synthetic "sea" water and a resin modified with chlorendic anhydride (resin I) or PN-1 resin containing poly(vinyl chloride) and antimony trioxide additives (resin II) were used. Testing involved determination of the absorption of water and certain "sea"-water cations, and of changes in the physical and mechanical properties and fire resistance of the materials. It was found that "sea" water has a lesser effect

Card 1/2

L 58368-65
ACCESSION NR: AP5018041

SUBMITTED: 00	ENCL: 00	SUB CODE: MT
NO REF SOV: 008	OTHER: 003	ATD PRESS: 4047

Card

DMITRIYEVA, A.Ye.; KONRADI, M.N.; ZAGASHEV, V.I.; DIKKER, G.L., spetsred.;
 VASIL'YEVA, G.N., red.; SOKOLOVA, I.Ya., tekhn. red.

[Advanced work methods for operators of the Cherchenko automatic
 packaging machine] Peredovye priemy raboty mashinistki pachechno-
 ukladochnykh avtomatov FUCH. Moskva, Pishchepromizdat, 1957. 25 p.
 (Cigarette industry--Equipment and supplies) (MIRA 11:10)

MT

DMITRIYEVA, D., inzh.-tekhnolog

We give vocational guidance in cookery to everybody. Obschestv.
pit. no.7:40 JI '60. (MIRA 13:8)

DMITRIYEVA, F.A.

Approximate probability analysis of the wind velocity structure
over the sea. Vest.LGU 18 no.7:99-106 '63. (MIRA 16:4)
(Winds)

DMITRIYEVA, F.A.; YESKIN, F.I.

Velocity of gusts over the sea. Mat.po meteor.i klim. no.1:
58-65 '63. (MIRA 17:3)

DMITRIYEVA, F. A.

Description of the temporary structure of wind velocity over the
sea within a given time limit. Vest LGU 19 no. 6:96-101 '64.
(MIRA 17:5)

L 18323-65 EWT(1)/FCC AEDC(a) GW
ACCESSION NR: AP4049208

S/0307/64/000/001/0096/0101

AUTHOR: Dmitriyeva, F. A.

TITLE: Problem of describing the intermittent structure of wind velocity over the sea in a given interval of time

SOURCE: Leningrad. Universitet. Vestnik. Seriya geologii i geografii, no. 1, 1964, 96-101

TOPIC TAGS: wind velocity, turbulence theory, Cramer formula

ABSTRACT: According to the theory of turbulence, the maximum wind velocity of gusts is generally determined by means of the correlation function $B(\tau)$ in the following form:

$$B(\tau) = C \cdot \tau^{\frac{1}{3}} K_{\frac{1}{3}}(\beta \tau),$$

where C is the dispersion; $B(0) = \sigma^2$; and $\Delta \tau$ is the correlation interval. The author proposes that, instead of this formula, the correlation function in the following form be used:

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L 18328-65

ACCESSION NR: AP4049208

$$B(t) = \tilde{C}e^{-\tilde{\lambda}|t|}.$$

A comparison of the two forms is presented and the advantages of using the latter form are pointed out. A computation of maximum wind velocity values according to the formula of H. Cramer (On the maximum of normal stationary stochastic process. Bull. Amer. soc., Sept., 68, No. 5, 1962) is also presented. Orig. art. has: 2 figures, 6 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 15Sep63

ENCL: 00

SUB CODE: ES

NO REF SOV: 004

OTHER: 001

Card 2/2

SHIKHOVA, N.M., dotsent; DMITRIYEVA, F.I. (Sochi)

Combined affections of blood vessels of the extremities, brain,
and internal organs in endarteritis obliterans. Vrach.delo no.2:
117-120 F '56. (MLRA 9:7)

1. Vtoraya terapevticheskaya klinika (zaveduyushchiy dotsent N.M.
Shikhova) Bal'neologicheskogo nauchno-issledovatel'skogo insituta
imeni I.V.Stalina.

(ARTERIES--DISEASES)

EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 59

3526. THE INFLUENCE OF TREATMENT WITH HIGHLY CONCENTRATED
MEDICINAL BATHS ON THE DYNAMICS OF THE CAPILLARY BLOOD
FLOW IN PATIENTS WITH ENDARTERITIS (Russian text) - Dmitrieva
F. I. - VRACH. DELO 1956, 8 (871-872)

As adjunct to treatment medicinal baths of high free sulphurated hydrogen concentration (400 mg./l.) were used for 45 patients with endarteritis. They received from 3 to 12 baths for a course of treatment at intervals of 1-2 days. An average of 20 capillaroscopic examinations were carried out on each patient. Some 8-10 months after the balneotherapy most of the patients showed widening of the diameter of capillaries, dilatation of the arteriolar and venous segments of the capillary loop and an improvement of capillary blood flow. In 27 patients with angiospastic and sclerotic form of endarteritis an improvement in the blood circulation was noticed. Unpleasant emotions, intake of alcohol and prolonged effort caused a spasm of capillaries. Diminution of blood flow or stasis preceded the exacerbation of the clinical course. The capillaroscopic method affords a good means of determining the efficacy of treatment of obliterative endarteritis. (S)

SIL'NICHENKO, V.G.; DMITRIYEVA, F.I.

Determination of samarium of different valency in fluorite.
Zhur. anal. khim. 19 no. 1:84-86 '64. (MIRA 17:5)

1. Institut kristallografii AN SSSR, Moskva.

YESKIN, F.I.; DMITRIYEVA, F.A.

Possible errors due to pitching and rolling during measuring the
wind speed from a ship. Vest. LGU 20 no.18 '65 Seria geologii i
geografii no.3:134-138 (MIRA 18:10)

TOPIC TAGS: samarium determination, fluorite samarium content, titrimetric analysis, gravimetric analysis, photometric analysis, samarium 2 plus determination, samarium 3 plus determination, samarium, fluorite

ABSTRACT: A titrimetric method has been worked out for determining Sm^{+2} in fluorite. Fluorite is dissolved in concentrated H_2SO_4 , measured amounts of $\text{K}_2\text{Cr}_2\text{O}_7$ and Mohr's salt solutions are added, and the excess titrated with KMnO_4 . Various methods may be used to determine the total samarium ($\text{Sm}^{+2} + \text{Sm}^{+3}$) in fluorite. For these the fluorite is dissolved in HClO_4 , and carefully evaporated to form a white precipitate. The precipitate is dissolved in water, heated, and the samarium is precipitated with ammonia (1:1). Excess ammonia is added to coagulate the precipitate, which is cooled, filtered, and

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L 27177-65

ACCESSION NR: AP4009726

ENCL: 00

SUB CODE: IC, GC

NR REF SOV: 004

OTHER: 001

Cord 2/2

L 25543-66 EWT(1)/FCC GW

ACC NR: AP6005902

(N)

SOURCE CODE: UR/0307/65/000/003/0134/0138

AUTHOR: Yeskin, F. I.; Dmitriyeva, F. A.

ORG: none

TITLE: Possible errors in shipboard wind measurement 12

25
B

SIL'NICHENKO, V.G.; DMITRIYEVA, F.I.

Titrimetric determination of metallic aluminum in ruby. Zhur.
anal. khim. 20 no.8:871-872 '65. (MIRA 18:10)

1. Institut kristallografii AN SSSR, Moskva.

DMITRIYEVA, G.

Organization of the establishment of norms and material
stimulation of workers in the People's Republic of Bulgaria.
Sots.trud 8 no.4:144-147 Ap '63. (MIRA 16:4)
(Bulgaria—Production standards)
(Bulgaria—Bonus system)

OTLIVANCHIK, A.N., kand. tekhn. nauk; DMITRIYEVA, G.A., inzh.

Resin of composite phenols for the preparation of wood
and fiber slabs. Stroi. mat. 10 no.5:15 My '64.

(MIRA 17:9)

IOFFE, A.L.; DMITRIYEVA, G.A.

Coating hard fiberboard with paper plastic. Der. prom. 14 no.1:7-8
Ja '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh
stroitel'nykh materialov.

IOPFE, A.L.; DMITRIYEVA, G.A.

Reducing the loss of fiber in the manufacture of fiberboards. Ser.
prom. 14 no.4:26 Ap '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh
materialov.

IOFFE, A.L.; DMITRIYEVA, G.A.

Technology of finishing hard fibreboards. Der. prom. 13 no.8:
17-18 Ag '64. (MIRA 17:11)

KHOZHENKO, E.S., kand. tekhn. nauk; DMITRIYEVA, G.A., inzh.; POKHACHEVA, B.V.,
inzh.

Manufacturing fiberboards from resin and reeds. Sbor. inform.
soob. VNITISMI no.14:27-34 '62. (MIRA 18:3)

OTLIVANCHIK, A.N.; IOFFE, A.L.; DMITRIYEVA, G.A.

Fireproofing of wood fiberboards. Der. prom. 15 no.1:8-10
Ja '66, (MIRA 19:1)

MARCHNKO, T.V.; DMITRIYEVA, G.B. [Dmytelieva, H.B.]

Method for the determination of copper in biological material in forensic chemistry. Farmatsev. zhur. 16 no. 2:58-60 '61.

(MIRA 14:4)

1. Kafedra sudovoi khimii Kharkivs'kogo farmatsevtichnogo institutu.
(COPPER--ANALYSIS)

OKOROKOV, S.D., prof.; GOLYNKO-VOL'FSON, S.L., dotsent; SATALKINA, M.A., inzh.;
DMITRIYEVA, G.G., inzh.

Characteristics of mineral formation in the system $\text{CaO-Al}_2\text{C}_3\text{-SiO}_2$
in the presence of gypsum and CaF_2 . Tsement 30 no.3:6-8 My-Je '64.
(MIRA 17:11)

DMITRIEVA, G. K., Cand Med Sci --- (diss) "The Combined Effect of
Penicillin and Sanazine in Treating ^{the} Purulent Infection". Khar'kov
1958. 13 pp. (Khar'kov Med. Inst.). 200 copies. (KL 34-59, 101)

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DMITRIYEVA, G.K.

Combined treatment of osteomyelitis with penicillin and sanasine.
Ortop., trav.i protez. 20 no.10:71-73 0 '59. (MIRA 13:2)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. A.Z. TSeytlin)
Khar'kovskogo meditsinskogo instituta i Ukrainskogo instituta vaktsin
i syvorotok (dir. - doktor med.nauk G.P. Cherkas).
(OSTEOMYELITIS therapy)
(PENICILLIN therapy)
(ANTISEPTICS therapy)

MART'YANOV, G.I., inzh.; DMITRIYEVA, G.K., tekhnik; TERESHCHENKO, N.F., tekhnik

Protection of blades from erosion. [Trudy]LMZ no.11:315-322 '64.
(MIRA 17:12)