ZAMARAYEV, V.N.

Regeneration of tracheal gills in mayfly larvae. Trudy MOIP. Otd. biol. 11:157-164 '64. (MIRA 18:1)

1. Kafedra zoologii sel'skokhozyaystvennogo fakul'teta Universiteta druzhby narodov imeni P.Lumumby.

ZAMARAYEV, V.N., dots.; OSTROUMOV, V.G., dots.; BOGORAD, V.B., red.; MAKHOVA, N.N., tekhn. red.

[Programs of pedagogical institutes; histology with the elements of embryology] Programmy pedagogicheskikh institutov; gistologiia s osnovami embriologii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1955. 7 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye podgotovki uchiteley.

(HISTOLOGY)

ZAMARAYEV, V.N.

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1. Zoologicheskiy institut AN SSSR. Predstavleno akademikom Ye.N.Pavlovskim.
(Water scorpions) (Regeneration (Biology))

SHERNIN, A.I., dots.; ZAMARAYEV, V.N., dots., red.; KREYS, I.G., tekhn.red.

[Programs of pedagogical institutes; general biology with principles of Darwinism for faculties of physical education] Programmy pedagogicheskikh institutov; obshchaia biologiia s osnovami darvinizma dlia fakul'tetov fizicheskogo vospitaniia. [Moskva] Uchpedgiz, 1957 9 p. (MIRA 11:3)

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(Biology--Study and teaching)

ZAMARAYEV, V.N.

Problem of the distortion of polarity in Hydra. Biul.eksp.biol. i med. 42 no.12:57-60 D '56. (MIRA 10:2)

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(ELECTROPHYSIOLOGY,
distortion of polarity in Hydra (Rus))

BUYANOV, N.V.; ZAMARAYEV, V.P.

Investigating the effect of magnetic field on the sensitivity and reproducibility of the results of emission spectrum analysis. Sbor.-trud. TSNIICHM no.31:53-63 '63. (MIRA 16:7)
(Spectrum analysis) (Magnetic fields)

ZAMARAYEV, Ye.P.

Percussive pain in the clinical picture of gastric peptic ulcer.
Khirurgiia no.3:41-44 '63. (MIRA 16:5)

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Chelyabinskogo meditsinskogo instituta.
(PERCUSSION) (PAIN) (PEPTIC ULCER)

ZAMARAYEV, Ye.P.

Effect of anesthesia of the zone of percutory painfulness on the motor and secretory function of the stomach in peptic ulcer. Vrach. delo no.4:427 Ap '59. (MIRA 12:7)

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(ANESTHESIA) (PEPTIC ULCER) (PAIN)

ZAMARAYEV, Ye.P. (Chelyabinsk, Ufimskiy trakt, d.51, kv.16);KRIZHANOVSKIY,V.A.

Thrombosis of the major vessels in fractures of the long tubular bones. Ortop., travm. i protez. 24 no.6:36-38 Je'63 (MIRA 16:12)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. G.D. Obraztsov) Chelyabinskogo meditsinskogo instituta (rektor - dotsent P.M.Tarasov) i Oblastnoy klinicheskoy bol'nitsy.

ZAMARAYEV, Ye.P.

Effect of anesthesia of the zone of percussion pain on the motor function of the stomach in peptic ulcer. Sov.med. 22 no.3:123-126 Mr '58. (MIRA 11:4)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G.D.Obrastsov) Chelyabinskogo meditsinskogo instituta.

(PEPTIC ULCER, physiol.
eff. of anesth. of zone of percussion pain on motor funct. of stomach (Rus))
(STOMACH, physiol.
eff. of anesth. of zone of percussion pain on motor funct. in peptic ulcer (Rus))

TOPCHIYEV, A.V., akademik, redaktor; TROFIMUK, A.A., redaktor; TEBBIN, F.A., doktor tekhnicheskikh nauk, redaktor; FEDYNSKIY, V.V., doktor fiziko-matematicheskikh nauk, redaktor; SUKHANOVA, V.P., inzhener, redaktor; POSTNIKOV, V.G., redaktor; VOL'FSON, S.I., redaktor; BEKHMAN, Yu.K., vedushchiy redaktor; KOVALEVA, A.A., vedushchiy redaktor; PERSHINA, Ye.G., vedushchiy redaktor; SAVINA, Z.A., vedushchiy redaktor; USOVA, M.G., vedushchiy redaktor; ZAMARAYEVA, K.M., vedushchiy redaktor; NOVIKOVA, M.M., vedushchiy redaktor; L'VOVA, L.A., vedushchiy redaktor; YERSHOV, P.B., vedushchiy redaktor; POLOSINA, A.S., tekhnicheskiy redaktor; TROFIMOV, A.V., tekhnicheskiy redaktor

[4th International Petroleum Congress] IV Mezhdunarodnyi neftianoi kongress. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry. Vol.1. [The geology of oil and gas deposits] Geologiia neftianykh i gazovykh mestorozhdenii. (Pod red. A.A.Trofimuka). 1956. 534 p. Vol.2. [Geophysical methods in prospecting] Geofizicheskie metody razvedki. (Pod red. V.V.Fedynskogo). 1956. 392 p. Vol.4. [The technology of oil and shale processing] Tekhnologiia pererabotki nefti i slantsev. 1956. 527 p. Vol.5. [Chemical processing of oil and gas] Khimicheskaia pererabotka nefti i gaza. 1956. 302 p. Vol.8. [Equipment, metals and protection from corrosion] Oborudovanie, metally i zashchita ot korrozii. 1956. 227 p. (MLRA 9:12)

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(Prospecting--Geophysical methods) (Petroleum--Refining)
(Gas, Natural)

ZAMARAYEVA, K.M.

GRIGORYAN, Grigoriy Markovich, doktor tekhnicheskikh nauk; ALEKSIN, Aleksandr Georgiyevich, inzhener; ZAKS, Saveliy L'vovich, kandidat tekhnicheskikh nauk; KUZIN, Mikhail Ivanovich, inzhener; POLOZKOV, Vladimir Tikhonovich, kandidat tekhnicheskikh nauk; SUKHANOV, Vasiliy Pavlovich, inzhener; SUITANOV, D.K., inzhener; STREL'CHUK, Nikolay Antonovich, inzhener; CHERNYAK, Il'ya L'vovich, inzhener; KUSHELEV, V.P., retsenzent; ROYZEN, I.S., otvetstvennyy redaktor; ZAMARAYEVA, K.M., vedushchiy redaktor; KOVALEVA, A.A., vedushchiy redaktor; SAVINA, Z.A., vedushchiy redaktor; TROFIMOV, A.V., tekhnicheskiy redaktor

[Safety engineering and fire prevention in the petroleum industry] Tekhnika bezopasnosti i protivopozharnaia tekhnika v neftianoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 508 p. (MLRA 10:1)

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(Fire prevention)

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[Petroleum refining; articles] Pererabotka nefti; materialy. Moskva, Gos.nauchno-tekhn.izd-ve neft. i gorno-toplivnoi lit-ry. Vol.2. 1958. 289 p. (MIRA 12:1)

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(Petroleum—Refining)

ZAMARAYEVA, K.M.

REZNIK, Anatoliy Abramovich; BUDOVOY, G.T., kandidat ekonomicheskikh nauk, retsenzent; BRENNER, M.M., redaktor; ZAMARAYEVA, K.M., vedushchiy redaktor; POLOSINA, A.S., tekhnicheskiy redaktor

[Principles of economic analysis of petroleum industries and boring enterprises] Osnovy ekonomicheskogo analiza raboty neftepromysla i kontory burenlia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1957. 176 p. (MLRA 10:3)
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KRAYZEL'MAN, Samuil Maiseyevich, inzhener; TIMOFEYEV, Nikolay Ivanovich; KOGAN, Grigoriy Yefimovich, inzhener; ZAKHAROV, K.S., vedushchiy redaktor; POLOSINA, A.S., tekhnicheskiy redaktor

[Assembling and welding main pipe lines] Montazh i svarka magistral'nykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 191 p. (MLRA 9:12)
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ZAMARAYeVA K.M.

CHERNOZHUKOV, N.I., prof., doktor tekhn.nauk, red.; ZHIGACH, K.F., prof., otvetstvennyy red.; MURAV'YEV, I.M., prof., red.; TIKHOMIROV, A.A., kand.ekon.nauk, red.; YEGOROV, V.I., kand.ekon.nauk, red.; CHARYGIN, M.M., prof., red.; DUNAYEV, F.F., prof., red.; KUZMAK, Ye.M., prof., red.; CHARNYY, I.A., prof., red.; PANCHENKOV, G.M., prof., red.; DAKHNOV, V.N., prof., red.; NAMETKIN, N.S., doktor khim.nauk, red.; ALMAZOV, N.A., dots., red.; VINOGRADOV, V.N., kand.tekhn.nauk, red.; BIRYUKOV, V.I., kand.tekhn.nauk, red.; TAGIYEV, E.I., red.; GUREVICH, V.M., red.; ZAMARAYEVA, K.M., vedushchiy red.; MUKHINA, E.A., tekhn. red.

[Materials of the Interuniversity Conference on Problems of New Practices in the Petroleum Industry] Materialy mezhvuzovskogo soveshchaniya po voprosam novoy tekhniki v neftyanoy promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol.2. [Petroleum refining] Pererabotka nefti. 1958. 289 p. (MIRA 11:6)

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(Petroleum--Refining)

ZAMARAYEV, V.N.

Web-building technique of the spider Aranea foliata. Nauch. trudy Kal. otd. MOIP no.2:53-62 '60. (MIRA 14:10)
(SPIDER WEBS)

ZAMAKAYEV, V.N.

Effect of preliminary traumatization on regeneration in planarians. (MIRA 14:10)
Nauch. trudy Kal. otd. MOIP no.2:169-174 '60.
(REGENERATION (BIOLOGY)) (NERVOUS SYSTEM)
(TURBELLARIA)

ZAMARAYEV, V.N.

Effect of preliminary traumatization on the healing of skin wounds in rats. Nauch. trudy Kal. otd. MOIP no.2:175-178 '60. (MIRA14:10)
(WOUNDS)

ZAMARAYEV, V.N.

Materials on regeneration in the larvae of may flies. Nauch. trudy Kal. otd. MOIP no.2:179-200 '60. (MIRA 14:10)
(REGENERATION (BIOLOGY)) (LARVAE--INSECTS)

ZAMARAYEVA, V.P.; STAROVOYTOVA, R.P.

Concentrated excitation of a metallic cylinder with a dielectric cover. Part 2. Izv.vys.ucheb.zav.; radiotekh. 7 no.6:751-756 N-D '64. (MIRA 18:4)

L 6445-66 EWT(1)/T/FCS(k)/EWA(m)-2 WR

ACC NR: AP5026201 SOURCE CODE: UR/0142/65/008/004/0481/0485

44
B

AUTHOR: Zamarayeva, V. F.; 44

ORG: none

15

TITLE: Effect of an impedance cavity on the radiation resistance of an electromagnetic source

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 4, 1965, 481-485

TOPIC TAGS: antenna, 25544 waveguide

ABSTRACT: The effects of the impedance-cavity size, position of the source in the cavity, and the impedance value upon the radiation resistance of the source are theoretically explored. A simplest model comprising an infinite absorbing cylinder (possessing internal impedance) and an axial magnetic line is adopted. A numerical calculation and analysis of a new formula for the radiation resistance show that this resistance, depending on system parameters, may be higher or lower than or equal to the radiation resistance of the same source without the impedance cavity. Orig. art. has: 2 figures and 20 formulas.

SUB CODE: EC/ SUBM DATE: 20Apr64/ ORIG REF: 002/ OTH REF: 000

UDC: 621.396.677.7

Card 1/1 Ucb

0901 1614

DUBROVIN, A.K., inzh.; ZAMARAYEVA, Ye.M., inzh.; KUZNETSOV, A.F., inzh.; MAZURIK, P.N., inzh.

Effect of various factors on the surface quality of stainless steel sheets. Stal' 25 no.5:430-433 My '65. (MIRA 18:6)

1. Kuznetskiy metallurgicheskiy kombinat.

L 63560-65 EWT(m)/EWP(w)/EWA(c)/T/EWP(t)/EWP(z)/EWP(b) Pad IJP(c)
MJW/JD/HW
ACCESSION NR: AP5013230 UR/0133/65/000/005/0430/0433
621.771.23 : 669.15

AUTHOR: Dubrovin, A. K. (Engineer); Zamarayeva, Ye. M. (Engineer); Kuznetsov, A. F. (Engineer); Mazurik, F. V. (Engineer)

TITLE: Effect of various factors on the surface quality of stainless steel sheets

SOURCE: Stal', no. 5, 1965, 430-433

TOPIC TAGS: stainless steel, steel sheet, steel heat treatment, steel surface quality

ABSTRACT: Causes of surface defects in Kh18N10T stainless steel sheet and steps for their elimination are discussed. Two categories of defects are established, namely hair cracks on the one hand and seams, scabs and cracks on the other. Products are rated on a point system from 5 to 1 in descending order of quality. In the examination of the effect of chemical composition it was found that when the ratio of chromium to nickel exceeds 1.85 and the ratio of titanium to carbon exceeds 7, a considerable drop in surface quality results, especially in sheet over 12 mm thick. With an increase in grain size in ingots the rating for hair cracks falls while that

ton seams, scabs and cracks is unaffected by the α-phase. Long heat-treating times

Card 1/2

L 63460-65

ACCESSION NR: AP5013230

in the 1150-1200°C and 1260-1270°C ranges were found to have an undesirable effect on surface quality. This was overcome by the introduction of "stepwise" heat treatment of ingots ensuring maximum transition of the ferrite component to austenite during holding at 1150-1200°C for 2 to 4 hours, and giving good ductility of high α-phase ingots for rolling and sheet with the best surface quality. Seams, scabs ... due to ... prior to heating slabs for rolling in continuous furnaces

table.

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine)

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 002 OTHER: 000

Card 2/2

GLAZOV, A.N., inzh.; DANILOV, P.M., kand. tekhn. nauk; ZAMARAYEVA, Ye.M., inzh.; MESYATS, V.I., inzh.; PASHCHENKO, V.Ye., inzh.

Influence of the technology of smelting on the quality of Kh17N7IU steel sheet and rolled shapes. Stal' 25 no.10: 911-913 O '65. (MIRA 18:11)

1. Kuznetskiy metallurgicheskiy kombinat.

ZAMARENOV, A.K.

11(4) PHASE I BOOK EXPLOITATION SOV/2868

Akademiya nauk Kazakhskoy SSR. Institut nefti

Trudy, t. 3 (Transactions of the Petroleum Institute, Kazakh SSR. Academy of Sciences, Vol. 3) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 163 p. 700 copies printed.

Eds.: M.P. Korotovskiy and M.Ya. Brailovskaya; Tech. Ed.: Z.P. Rorokina; Editorial Board: M.A. Ayrapetyan (Resp. Ed.), V.G. Ben'kovskiy, T.N. Dzhumagaliyev, and N.A. Zavorokhina.

PURPOSE: This book is intended for scientists, engineers, and technicians in the petroleum industry.

COVERAGE: This volume contains 15 studies on the petroleum geology of Western Kazakhstan. The following studies are of special interest: 1) exploration for water in the southern Emba region to offset an inadequate water supply; the possibility of injecting heated water into oil-bearing formations; the possibility of heating the components of an oil-bearing formation in an electric field of high frequency current; the dielectric permeability and the tangent of the angle of dielectric loss for sands of different porosity at various degrees of moisture and oil saturation; the mineral charges for hydraulic fracturing of

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formations at the Emba oilfields, the adsorption of sodium humates on clay; and the effect of electrolytes on the quality of clay suspensions. No personalities are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

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ZAMARENOV, A.K.

Eocene sediments in the southeastern margin of the Caspian Lowland. Trudy Inst.nefti AN Kazakh.SSR 3:6-32 '59.
(MIRA 13:1)

(Caspian Lowland--Geology, Stratigraphic)

ZAMARENOV, A.K.; BEYSENOV, B.B.; TRAYNIN, L.P.

Structure and oil occurrences of Permian and Triassic sediments in the Kenkiyak field. Trudy Inst. geol. i geofiz. AN Kazakh. SSR 1:32-43 '63. (MIRA 16:7)

(Emba region--Petroleum geology)

ZAMARENOV, A.K.

Upper Paleozoic facies in the Aktyubinsk Probince portion of the Ural Mountains. Trudy Inst. nefti AN Kazakh.SSR 4:20-40 '61. (MIRA 16:4)
(Aktyubinsk Province--Geology, Stratigraphic)

AVROV, P.Ya.; DAL'YAN, I.B.; ZAMARENOV, A.K.; POSADSKAYA, A.S.

New data on the subsurface structure of the Dzhusy fold in the Ural Mountain portion of Aktyubinsk Province. Izv. AN Kazakh. SSR. Ser. geol. 21 no.2:61-67 Mr-Ap'64.

(MIRA 17:5)

1. Institut geologicheskikh nauk imeni Satpayeva AN Kazakhskoy SSR, Alma-Ata, Trest "Aktyubnefterazvedka", gorod Aktyubinsk i Gur'yevskiy institut geologii i geofiziki, Gur'yev.

BOGOMOLOVA, L.I.; GARETSKIY, R.G.; GRIDASOV, Yu.M.; ZAMARENOV, A.K.; SHLEZINGER, A.Ye.

Subsalt sediments on the eastern edge of the Caspian syneclise (Kenkiyak-Mortuk-Zhana-Zhol region). Dokl. AN SSSR 149 no.5: 1147-1149 Ap '63. (MIRA 16:5)

1. Institut geologii nefti AN KazSSR, Geologicheskiy institut AN SSSR i Trest "Aktyubnefterazvedka".
(Caspian Lowland--Sediments (Geology))

ZAMARENOV, A.K.; ZHIVODEROV, A.B.; VOLOZH, Yu.A.; TRAYNIN, L.P.

Tectonics of the western part of the Mugodzhar Hills region and evaluation of the prospects for finding oil and gas in the subsalt Upper Paleozoic sediments. Sov. geol. 8 no.8:45-53 Ag '65. (MIRA 18:10)

1. Institut geologii geofiziki Sibirskogo otdeleniya AN SSSR, Aktyubinskoye otdeleniye; Trest "Kazakhstanneftegeofizika", Aktyubinskaya geofizicheskaya ekspeditsiya.

ZAMARENOV, Aleksey Konstantinovich; AVROV, P.Ya., otv. red.; NESTEROVA, I.N., red.; PICHKUNOVA, V.A., red.; ALFEROVA, P.F., tekhn. red.

[Upper Paleozoic in the Ural Mountain region of Aktyubinsk Province] Verkhnii paleozoi Aktiubinskogo Priural'ia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 89 p.
(MIRA 15:7)
(Aktyubinsk Province—Geology, Stratigraphic)

ZAMARIN, L.G., dotsent

Iodine content in the milk of cows in regions of iodine deficiency. Trudy SZVI 11:125-130 '62. (MIRA 16:7)

(Saratov Province—Milk—Composition)
(Iodine)

ZAMARIN, L.G.; LOS', L.I.; PYATNITSKAYA, L.K.

Content of copper, manganese, molybdenum and iodine in cow's milk of Saratov Province. Vop. pit. 21 no.6:81-82 N-D '62. (MIRA 17:5)

1. Iz kafedry obshchey gigiyeny (zav. - prof. L.I. Los') meditsinskogo instituta i kafedry vnutrennikh nezaraznykh bolezney sel'skokhozyaystvennykh zhivotnykh (zav. - prof. A.M. Kolesov) Zootekhnicheskoveterinarnogo instituta, Saratov.

ZAMARIN, L. G., YEMEL'YANOV, A. N., TARASOV, I. I. and KOLESOV, A. M.
(Assistant Professor, Candidates of Veterinary Sciences and Professor)

"Noninfectious pneumonia in sheep"

Veterinariya, Vol. 38, no. 10, October 1961, pp. 81-89

ZAMARIN L. G. – Asst. Prof.

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IRRIGATION NEWS BULLETIN (3): 67-71, 1926 (Russian original unidentified)

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"Kurs Gidrotekhnicheskikh Sooruzheniy"

1940

ZAMARIN, Evgenii Alekseevich

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ZAMARIN, Evgenii Alekseevich.

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76 p. (49-52265)

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Zamarin, Ye. A. "The movement of flood waters through a breach in a dam", Nauch. zapiski (Mosk. gidromeliorat. in-t im. Vil'yamsa), Vol. XV, 1948, p. 3-10.

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25003 ZAMARIN, E. A. Beregovaya Fil'tratsiya V Obkhod Zemlyanykh Plotin. Doklady Vsesoyuz. Akad. C. - X. Nauk Im. Lenina, 1949, VY p. 7, S 15-21.

SO: Letopis', No. 33, 1949

KARPOV, I.M., kandidat tekhnicheskikh nauk; FANDEYEV, V.V., dotsent, kandidat tekhnicheskikh nauk; ZAMARIN, Ye.A., zasluzhennyy deyatel' nauki i tekhniki, professor doktor tekhnicheskikh nauk, redaktor; VORONIN, K.P., tekhnicheskiy redaktor.

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(Canals)

1. ZAMARYAN, Ye. A.
2. USSR (600)
4. Technology
7. Planning hydrotechnical structures. Moskva, Sel'khozgiz, 1952.

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

PA 227T44

USSR/Geophysics - Filtration, Earthen Dams — Jun 52

"Filtration Through Rolled Earthen Dams," Acad Ye. A. Zamarin

"Gidrotekh i Melio" No 6, pp 59-63

Considers the influence of usual assumption of homogenicity of ground upon the calcn of filtration through compacted earthen dams. Mentions related expts conducted by G.I. Zhuravlev, Engr, at the Moscow Inst of Water-Econ Engineers imeni V.R. Vil'yams. Studies the influence of the porosity coeff on the filtration factor, which also was investigated during the Moscow-Volga construction.

227T44

PA 247T48

USSR/Engineering - Hydraulics, Dams Dec 52

"Calculation of Water Drops," Acad Ye. A. Zamarin

Gidrotekh i Meliorats, No 11, pp 43-47

Reviews usual hydraulic calcn procedure for water drop of overfall dam, concluding that it gives concealed excessive safety allowances elimination of which would not affect strength and stability of structures. Suggests one of three analyzed methods as most efficient; method is based on jump eq which is obtained from equality of momentum to impulse of forces, whereas impulse of forces is calculated hydrostatically for flow not hindered by energy-dissipating sill.

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1. ZAMARIN, YE. A.

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ZAMARIN, Ye. A.

Hydrodynamics

Hydraulic apron walls and baffles. Gidr. i mel. 5, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

1. ZAMARIN, Ye. A.

2. USSR (600)

4. Soil Percolation

7. Results of a conference on measures to prevent seepage. Gidr. i mel. 5, No. 3, 1953.

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

ZAMARIN, E.A., akademik.

Laminar film in hydraulics. Gidr.i mel. 5 no.4:26-36 Ap '53. (MLRA 6:5)
(Hydraulics)

ZAMARIN, Ye.A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Name	Title of Work	Nominated by
Zamarin, Ye. A.	"Transport Capability and Safe Speed of Flow in Canals" (2d edition) "Planning of Hydraulic Engineering Installations" (student manual, 2d edition)	Moscow Institute of Water Economy imeni V.R. Vil'yams

SO: W-30604, 7 July 1954

ZAMARIN, Ye.A., professor, zasluzhennyy deyatel' nauki i tekhniki R.S.F.S.R.; RYABYSHEV, M.G., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Planning hydraulic structures] Proektirovanie gidrotekhnicheskikh sooruzhenii. 4-e, ispr. izd. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 288 p.
(Hydraulic engineering) (MLRA 7:10)

ZAMARIN, Ye.A.

ZAMARIN, Ye.A., doktor tekhnicheskikh nauk; FANDEYEV, V.V.; RYABYSHEV, M.G., redaktor; SOKOLOVA, N.N., tekhnicheskiy redaktor

[Hydraulic installations] Gidrotekhnicheskie sooruzheniia. 3. izd. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 559 p. (MLRA 7:9)
(Hydraulic engineering)

ZAMARIN, Ye.A.

ZAMARIN, Ye.A.

Prefabricated hydrotechnical structures. Gidr. i mel. 6 no.7:26-34 Jl '54. (MLRA 7:7)
(Hydraulic engineering)

RYABYSHEV, M.G.; ZAMARIN, Ye.A., doktor tekhnicheskikh nauk, zasluzhennyy deyatel' nauki i tekhniki RSFSR, redaktor; KUSKOV, L.S., redaktor; BALLOD, A.I. tekhnicheskiy redaktor.

[Designing structures in hydraulic engineering] Proektirovanie gidrotekhnicheskikh sooruzhenii. Pod red. E.A.Zamarina. Moskva, Gos.izd-vo selkhoz.lit-ry, 1955. 191 p. (MIRA 8:6)
(Hydraulic engineering)

ZAMARIN, Ye. A.

99-7-6/14

SUBJECT: USSR/Hydrotechnical Calculations

AUTHOR: Zamarin, Ye.A., Academician

TITLE: "About Hydrotechnical Calculations" (O gidrotekhnicheskon raschete)

PERIODICAL: "Gidrotekhnika i Melioratsiya", 1957, #7, pp 29-30, (USSR)

ABSTRACT: Several methods of hydrotechnical calculations have recently been proposed: hydrodynamic, hydraulic, and combined systems. Since all solutions by using these systems were obtained by solving plane and not threedimensional problems, accuracy was noticeably reduced. Great attention is given to problems of extrusion and suffusion of soil behind the water permeable sections of the (underwater) foundation bed. Effects of extrusion (resulting from pressure of structures and filtering) and suffusion can always be calculated and avoided by taking appropriate measures. More dangerous is soil erosion caused by surface streams. The following grouping is frequently observed: a long earth dam is adjoined by a concrete or reinforced concrete dam, with a deep flat or porous rabbet installed underneath the gates. Assuming, that the concrete dam

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99-7-6/14

TITLE: "About Hydrotechnical Calculations" (O gidrotekhnicheskom raschete)

is not drained, and that drainage facilities are installed in the hydraulic apron. If by means of hydrodynamical or other methods a depression curve is obtained in the earth dam, and a line of piezometric pressures under the foundation bed of the concrete dam is construed, we shall find that by joining these 2 curves the pressures underneath the dam foundations (beds) are smaller than in the earth dam. Consequently, the underwater flow will rush from the earth dam under the foundation of the concrete dam, and will to some extent increase the piezometric pressure there. Furthermore, by rejecting deep vertical paths of filtration, and by building flat dam foundations, we should obtain beneath them a piezometric line which is close to the earth dam's depression line, i.e. near the average slope of 1:2.5 - 1:3. This is somewhat steeper than the average measurements, and somewhat less steep than for large structures. Studies conducted at concrete dams showed the necessity for drainage, and that easy access to the structure for repair purposes in indispensable.

Card 2/3

99-7-6/14

TITLE: "About Hydrotechnical Calculations" (O gidrotekhnicheskom raschete)

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 3/3

ZAMARIN, Ye. A.

AVER'YANOV, S.F.; ALEKSANDROV, B.K.; ASKOCHENSKIY, A.N.; BLIZNYAK, Ye.B.; ZAMARIN, Ye.A.; KOVALENKO, I.I.; KOCHINA, P.Ya.; KUZNETSOV, I.A.; POSLAVSKIY, V.V.; SRIBNYY, M.F.; TURCHINOVICH, V.T.; FAVORIN, N.N.; SHAROV, I.A.

Aleksei Nikolaevich Kostiakov; obituary. Izv. AN SSSR. Otd. tekh. nauk no.10:113-114 O '57. (MIRA 10:12)
(Kostiakov, Aleksei Nikolaevich, 1887-1957)

ZAMARIN, Ye. A.

AUTHOR: Zamarin, Ye.A., Academician 99-58-6-7/11

TITLE: Earth Dams With Non-Stabilized Upper Slopes (Zemlyanyye plotiny s neukreplennymi verkhovymi otkosami)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, Nr 6, pp 47-49 (USSR)

ABSTRACT: The construction of earth dams with non-stabilized upper slopes proved to be of great importance in reducing building costs. In this connection, the embankment formation plays an important part. Several Soviet scientists, such as F.P. Savarenskiy, V.A. Shiryamov, B.V. Polyakov, I.Ya. Fillipova, B.A. Pyshkin, P.A. Shankin, G.S. Zolotarev, L.B. Rozovskiy, N.Ye. Kondrat'yev, Ye. G. Kachugin, and I. Nad', have done research work in this field. Ye.G. Kachugin suggested that the degree of embankment slope of water reservoirs be determined by the energy of wind waves and the resistance of the embankment soils to erosion. This method of embankment formation, however, did not prove to be quite satisfactory. Earth dams with non-stabilized slopes, such as the "Volgostroy" built in 1939 by G.A. Chernilov, O.V. Vyasemskiy, and Ya.I. Kobzikov, can be strongly recommended for water reservoirs with little water level variation. By coating the slopes of argillaceous and loess dams with sand or gravel layers, it is

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possible to increase the degree of the slopes, since these soils have a smaller angle of rest (figure 1 and table). There is 1 figure, 1 table, and 1 Soviet reference.

AVAILABLE: Library of Congress

Card 2/2 1. Dams-Construction 2. Dams-Economic aspects

ZAMARIN, Ye.A., prof.; FANDEYEV, V.V., dots.; KRAVTSOV, G.Ya., red.

[Hydraulic engineering structures] Gidrotekhnicheskie sooruzheniia. 5. izd. Moskva, Kolos, 1965. 622 p.
(MIRA 18:5)

ZAMARIN, Ye.A., akademik

"Water resources of India and their utilization" [an article] by F.IA.Nesteruk. Reviewed by E.A.Zamarin. Gidr. i mel. 13 no.5:60-62 My '61. (MIRA 14:5)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva.
(India—Water resources development)
(Nesteruk, F.IA.)

ZAMARIN, Yevgeniy Alekseyevich, akademik; YELIZAVETSKAYA, G.V., red.; GUREVICH, M.M., tekhn.red.

[Designing hydraulic structures] Proektirovanie gidrotekhnicheskikh sooruzhenii. Izd.5. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1961. 227 p. (MIRA 14:6)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Zamarin).
(Hydraulic structures)

ZAMARIN, Yevgeniy Alekseyevich, prof.; FANDEYEV, Vasiliy Vasil'yevich, dotsent; LETNEV, B.Ya., red.; MAKHOVA, N.N., tekhn.red.; ZUBRILINA, Z.P., tekhn.red.

[Hydraulic structures] Gidrotekhnicheskie sooruzheniia. Izd.4. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 623 p. (MIRA 13:5)

(Hydraulic structures)

ZAMARIN, Ye.A., akademik

Foundation drainage. Dokl. Akad. sel'khoz. 24 no.3:40-45 '59.
(MIRA 12:5)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i meliоratsii.
(Drainage) (Hydraulic engineering)

ZAMARIN, Ye.A., akademik

Hydraulic structures of drainage and irrigation systems. Dokl. Akad.sel'khoz. 24 no.1:44-48 '59. (MIRA 12:2)
(Irrigation canals and flumes) (Drainage)

14(10) SOV/99-59-4-3/10

AUTHOR: Zamarin, Ye.A., Academician

TITLE: Seepage Through the Foundations of Earth Dams (Fil'tratsiya cherez osnovaniya zemlyanykh plotin)

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 4, pp 22-25 (USSR)

ABSTRACT: The author analyzes a split-calculation method to determine the seepage through an earth dam and its water-permeable foundations as proposed by Academician N.N. Pavlovskiy. After having compared it with the hydrodynamic grid method, the author calculates the seepage both ways and arrives at a divergence of 67 %. He ascribes it to the disregard of the draining effect of the dam foundations. In this case, the state of the depression surface of the seeping water is overestimated which is illustrated by a dotted line on diagram Nr 4.

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SOV/99-59-4-3/10

Seepage Through the Foundations of Earth Dams

(page 24). There are 4 diagrams.

ASSOCIATION: VASKhNIL

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ZAMARIN, Ye.A., akademik

"Structures and operations for regulating rivers in piedmont areas" by K.F.Artamonov. Reviewed by E.A.Zamarin. Gidr. i mel. 10 no. 8:62 Ag '58. (MIRA 11:10)

(Rivers--Regulation)
(Artamonov, K.F.)

ZAMARIN, Ye.A., akademik

Earth dams with unprotected upstream slopes. Gidr. i mel. 10 no.6:47-49 Je '58. (MIRA 11:7)
(Dams)

AUTHOR: Zamarin, Ye. A., Academician SOV-99-58-8-10/11

TITLE: Critique and Bibliography (Kritika i bibliografiya)
K.F. Artamonov "Regulating Constructions and River Works in Foothill Regions" published by the AS KirSSR, Frunze, 1957, 170 pages, price 9 rubles, 60 kopeks. (K.F. Artamonov "Regulirovochnyye sooruzheniya i raboty na rekakh v predgornykh rayonakh" Izdaniye AN KirSSR, g. Frunze, 1957, 170 str., tsena 9 rub, 60 kop).

PERIODICAL: Gidrotekhnika i melioratsiya, 1958, Nr 8, p 62 (USSR)

ABSTRACT: This is a review of the above mentioned book.

1. Inland waterways--USSR

Card 1/1

ZAMARIN, Ye.A., doktor tekhn. nauk., prof.; ZHURAVLEV, G.I., kand. tekhn. nauk; KOBIN, S.I., kand. tekhn. nauk; KREMENETSKIY, M.D., kand. tekhn. nauk; NIKOLAYEV, I.G., inzh., nauchnyy red.; GOLUBENKOVA, L.A., red. izd-va; PERSON, M.N., tekhn. red.

[Hydraulic structures in agriculture] Sel'skokhoziaistvennye gidrotekhnicheskie sooruzheniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 289 p. (MIRA 11:7)

(Hydraulic engineering)

YEMEL'YANOV, A.N.; ZAMARIN, L.G., redaktor

[Prevention of disease in calves] Preduprezhdenie bolezneĭ teliat. [Saratov] Saratovskoe kn-vo, 1955. 66 p. (MLRA 9:10)
(Calves--Diseases)

ZAMARIN, L.G.

MD

Changes in the total protein and protein fractions of the blood in cattle and horses in relation to age. L. G. Zamarin. *Trudy Saratov. Zoovet. Inst.* 1953, No. 4, 31-6; *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 6709.—Total protein, albumin, globulin and fibrinogen of the blood of cattle and of horses were detd., the protein coeffs. calcd. and the data analyzed statistically in relation to stages of animal development. Three stages appeared distinguishable. In the first: from birth to 3 years of age, total protein and fibrinogen gradually rise to the age of 6 months, then decrease to the normal av. at 3 years of age; the albumins gradually rise while the globulins are lessened. The second period, from 3 to 5 years of age is characterized by a comparative stability of the total protein and its fractions. The 3rd period from 5 years up to maturity is characterized by a lessening in the total protein and albumin and an increase in the globulin and fibrinogen. The protein coeff. up to 4 years of age gradually rises and after reaching its max. begins to decline.

B. B. Levine

ZAMARIN, YE

Gidrotekhnicheskiye sooruzheniya (Hydrotechnical structures, by) Ye. A. Zamarin i V.V. Fandeyev. 3 IZD., Moskva, Sel'khozgiz, 1954.
559 p. illus., Diagrs., Tables.

SO: N/5
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1954

ZAHAROCZY, Dezso, okleveles banyamernok, fomernok

Maintenance of galleries supported by steel rings. Bany lap 93 no.3:159-166 Mr '60.

1. XII. banyauzem, Tatabanyai Szenbanyaszati Troszt, Tatabanya.

ZAMAROCZY, D.

Relationship between transporting and loading operations in shafts sunk by an excavator of the BCS-1 type. p.531. BANYASZATI LAPOK. Budapest. Vol. 11, no. 9, Sept. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress Vol. 5, No. 12, December 1956

ZAMAROCZY, D.; CSAJACHY, G.

Pyritic metal deposition from the Tatabanya basin. p. 270

FOLDTANI KOZLONY. BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY.

(Magyar Foldtani Tarsulat) Budapest, Hungary. Vol. 89, No. 3, July/Sept. 1959

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, No. 1, Jan. 1960

Uncl

ZAMAROCZY, Dezso, okl. banyamernok

Cleavages in coal seams. Bany lap 92 no.3:145-158 Mr. '62.

1. Tatabanyai Szenbanyaszati Troszt, Tatabanya

ZAMARCZY, Dezso, okl. banyamernok

Maintenances of galeries supported by steel ring. Bany Lap 93 no. 3:159-166 Mr 60.

1. A XII. banyauzem fomernoke, Tatabanyai Szenbanyaszati Troszt, Tatabanya.

ZAMARSKI, Bohumil, inz.; KOLAR, Josef, inz.

Effect of fault folding deformations on the safety of mining in the Ostrava coalfield. Geol pruzkum 6 no. 7:211-212 Jl '64.

1. Scientific Research Institute of Coal, Ostrava - Radvanice.

ZAMARSKI, Bohumil, inz.; DUZI, Otakar, inz.

Compressibility of the stowage to be used in mining the protective pillar of Ostrava. Uhli 6 no.9:305-307 S '64.

1. Scientific Research Institute of Coal, Ostrava-Radvanice.

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S/139/61/000/003/013/013
E073/E335

AUTHORS: Polosatkin, G.D., Zamashanskaya, N.F. and Stepanova, G.S.

TITLE: Effect of Ultrahigh Machining Speeds on the Depth of the Work-hardened Layer

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika, pp. 173 - 175

TEXT: In 1947 V.D. Kuznetsov proposed the following principle of ultrahigh-speed machining of metals. At the end of a rifle a cylindrical p a r t is placed, which forms a continuation of the barrel. Several cutting tools are fixed onto this cylinder, which machine specimens that have been shot out of the rifle. It is possible, by means of this method, to realise cutting speeds of several hundred m/s. On the basis of this principle a laboratory test rig was produced, under the direction of G.D. Polosatkin, which permitted qualitative study of the process of machining and measuring the machining forces and speeds. The results of the influence of such high machining speeds on the depth of the

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Effect of ....

work-hardened layer are given in this paper for aluminium and duralumin cylinders of 7.6 mm diameter, 25 mm long, which, prior to machining, were annealed for the purpose of stress relief. Chips were cut from two sides of these specimens by high-speed steel-cutting tools set at a negative angle of 30°. The depth of the work-hardened layer was measured by measuring the microhardness across sections produced by electrolytic polishing. It was found that with increasing cutting speeds the depth of the work-hardened layer decreased at first and then stabilized to a constant value at cutting speeds above 250 m/sec (aluminium) and 350 m/sec (duralumin), the values being approximately 0.38 and 0.47, mm, respectively. The micro-hardness of the work-hardned layer showed a similar behaviour; after an initial decrease with increasing cutting speeds up to 250 m/sec, it remained almost constant - if the cutting speed increased further, to values up to 700 m/sec. This phenomenon is explained by the theory of work-hardening and relaxation proposed by M.A. Bol'shanina. Work-hardening and relaxation occur simultaneously during deformation; whilst the

Effect of ....

work-hardening depends only on the degree of deformation, the relaxation depends on the time, temperature and degree of deformation. The higher the rate of deformation, the shorter will be the time available for relaxation and at very high speeds relaxation may be completely absent; in this case, the work-hardening will not depend on speed. If it is taken into consideration that deformation at speeds of hundreds of m/sec is adiabatic, the stabilization temperature of the layer should also be constant. This explains the fact that for aluminium stabilization occurred earlier than for duralumin. Deformation of the machined surface is also closely linked with deformation of the chip and the former can only be stabilized when the latter is stabilized. The surface of the machined duralumin was rougher than the surface of the machined aluminium. Deformation of the surface layer is qualitatively linked with deformation of the chip and therefore it can be assumed that a decrease in the depth and degree of work-hardening is linked with the decrease in deformation in the work-hardening of the chip. In this case, the process of

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Effect of ....

cutting and the chip temperature, which depend on the plastic deformation, should decrease with increasing machining speed. However, this does not hold for the temperature of the cutting tool since this temperature is primarily determined by friction. There are 4 figures and 2 Soviet references.

ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut pri Tomskogo gosuniversitet imeni V.V. Kuybysheva (Siberian Physicotechnical Institute of Tomsk State University imeni V.V. Kuybyshev)

SUBMITTED: September 17, 1959

POLOSATKIN, G.D.; ZAMASHANSKAYA, N.F.; STEPANOVA, G.S.

Effect of superhigh shearing speeds on the depth of the cold-worked layer. Izv.vys.ucheb.zav.; fiz. no.3:173-175 '61.
(MIRA 14:8)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstvennom universitete im. V.V.Kuybysheva.
(Shears (Machine tools)) (Metals--Cold working)

SOV/137-58-12-24239
Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 45 (USSR)

AUTHOR: Zamatayev, S. P.

TITLE: Vacuum Casting of Large Ingots (Otlivka krupnykh slitkov pod vakuumom)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol 18, pp 576-581

ABSTRACT: The experience of the Uralmashzavod in vacuum casting of large ingots is described. The ingots are cast into a mold in a special tank. One such tank is 41 m^3 in volume and permits the casting of ingots up to 30 t in weight, the second is 140 m^3 in volume and will permit 120 t of ingots to be cast. Each container is equipped with a pouring box with stopper. The vacuum is preserved prior to pouring by careful fitting of the plug to the nozzle and by inserting a special 1.5-2 mm thick Al gasket coated with water-glass solution in the nozzle orifice beneath the plug. The steel (St) pouring procedure is described. Measurement of the quantity of gases taken off shows low values, from 1.05 to 1.74 m^3 per 15-t ingot. The % composition of the gases at the onset of pouring is 34.1 CO, 8.8 H_2, 56.6 N_2; in the

Card 1/2

Vacuum Casting of Large Ingots (cont.)

middle of the pour it is 59.4 CO, 11.4 H_2, and 30.2 N_2; at the end of the pour it is 77.4 CO, 11.0 H_2 and 10.7 N_2. Four forgings of vacuum-cast ingots are investigated. Ultrasonic inspection reveals no defects in any billet. Periscopic examination shows that, in a billet made of an ingot cast with 42 minutes of holding in vacuum after the filling of the hot top, defects in the form of small 3-5 mm inclusions are observed in the gate. Sulfur prints of the upper neck of forgings of degasified metal (Me) show somewhat increased segregation (1-2 points instead of 1 point in a forging from a standard casting). The upper and lower necks and the body of a billet made from degasified Me have smaller dendrites than billets of ordinary Me. Areas of segregation are somewhat more numerous in the upper neck of a billet of degasified Me than in a billet of ordinary Me. Degasification improves plastic properties somewhat, particularly in transverse samples. The degasified Me is less subject to cold shortness than Me of an ordinary melt. Vacuum casting permits reduction of nonmetallic inclusions by about half (down to 0.0059%) and an approximate 30% reduction in [H] in the ingot. Comparison of two 10-t ingots, one of which is cast in vacuum and the other under ordinary conditions, shows that the ingot cast in vacuum is of denser structure and less pronounced central porosity.

Ye. K.

Card 2/2

ZAMATAYEVA, A.V.

Double and triple germs of the bluegrass. Nauch. trudy Kal. otd. MOIP no.2:235-238 '60. (MIRA 14:10)
(BLUEGRASS) (GERMINATION)

ZAMAYEV, B.

107-57-6-47/57

AUTHOR: Zamayev, B. (Belorechenskaya, Krasnodarskiy Kray)

TITLE: Plug for Connecting a Sound Pickup
(Vilka dlya vklyucheniya zvukosnimatelya)

PERIODICAL: Radio, 1957, Nr 6, p 56 (USSR)

ABSTRACT: Soviet phonographs have two cords with identical plugs, one from the sound pickup, the other from the motor. To prevent their erroneous connection, the author recommends adding a special pin to one of the plugs and that a slit be made in the corresponding socket.
There is one figure.

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Card 1/1

ZAMAYEV, B. (st. Belorechenskaya, Krasnodarskogo Kraya).

Two-pin plug for phonographs. Radio no.6:56 Je '57. (MLRA 10:7)
(Phonograph)

ZAMAYEV, B.N.

RAZVODOV, B.I.; ZAMAYEV, B.N.; MEL'NIK, T.A.

Experience in polytechnical education. Fiz. v shkole 17 no.2:73-76 Mr-Ap '57. (MLRA 10:3)

1. 1-ya srednyaya shkola imeni M.I.Kalinina, St.Belorechenskaya Krasnodarskogo kraya.
(Technical education)

ZAMAYEV, B.N. (Stanitsa Belorechenskaya Krasnodarskogo kraya)

School broadcasting unit based on Dnepr-3 type magnetophone.
Fiz.v shkole 16 no.4:94 Jl-Ag '56. (MLRA 9:9)

1. 1-ya srednyaya shkola imeni M.I.Kalinina.
(Radio stations)