GODERDZISHVILI, G. I.

"The Role of Certain Species of Fresh-Water Mollusks in the Epizootiology of Fascioliasis in Leningradskaya Oblast and Testing of Mineral Fertilizers on Them." Cand Vet Sci, Leningrad Inst for the Advanced Training of Veterinary Physicians, Leningrad, 1953. (RZhBiol, No 1, Jan 55)

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

CHUBABRIYA, I.T.; GODERDZISHVILI, G.I.

Role of filariae in the etiology of the "Khutili" disease. Soob. AN Gruz.SSR 17 no.5:443-450 '56. (MLRA 9:9)

1.Gruzinskiy nauchno-issledovatel'skiy veterinarnyy institut Tbilisi. Predstavleno akademikom F.A.Zaytsevym.
(Georgia--Cattle--Diseases) (Georgia--Filaria and filariasis)

USSR/Diseases of Farm Animals. Diseases Caused by Helminths. R

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69488.

Author : Goderdzishvili, G. I.
Inst : Georgian Scientific Research Institute of Animal Husbandry and Veterinary Medine.
Title : On the Results of the Trial of Lead Arsenate in Thysaniesiosis. [Fringed Tapeworm Infection]

Orig Pub: Byul. nauchno-tekhn. inform. Gruz. n.-i. in-ta zhivotnovodstva i vet., 1957, No 2, 18-21.

Abstract: Lead arsenate (LA), tried out on 60 sheep naturally infested with Thysanosoma, in a dose of 0.7 g. per head taken internally after 16-18 hour fasting, was effective in 92% of cases. LA exerts a deadly action on sexually immature Thysanosoma and is non-toxic in the indicated dose. LA was subsequently

Card : 1/2

USSR/Diseases of Farm Animals. Diseases Caused by Helminths. R

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69488.

tried, with good results, in the treatment of fringed tapeworm infection in widespread industrial application to 1,312 sheep.

Card : 2/2

CHUBABRIYA, I.T.; GODERDZISHVILI, G.I., kand.veterin.nauk

Use of tin arsenate in Moniezia infection and thysanosoniosis in sheep. Veterinariia 36 no.10:34-35 O '59.
(MIRA 13:1)

1. Gruzinskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.
(Tin arsenate) (Tapeworms) (Sheep--Diseases and pests)

KURASHVILI, B.Ye., otv. red.; BARATASHVILI, T.A., red.; GODERDZISHVILI, G.I., red.; GORDADZE, G.N., red.; ELIAVA, I.Ya., red.; ZENAYSHVILI, P., red.; KAMALOV, N.G., red.; CHUBABRIYA, I.T., red.; AVALIANI, N.M., red. izd-va; BOKERIYA, E.N., tekhn. red.

[Materials of the Scientific Session of Helminthologists of the Transcaucasian Republics on Problems of Helminthofauna and Control of Helminthiasis in Man, Farm Animals and Plants] Materialy Nauchnoi sessii gel'mintologov respublik Zakavkaz'ia po voprosam gel'mintofauny i bor'by s gel'mintozami cheloveka, sel'skokhoziaistvennykh zhivotnykh i rastenii, Tiflis, 1961. Tbilisi, Izd-vo AN Gruz.SSR, 1963. 220 p. (MIRA 16:11)

1. Nauchnaya sessiya gel'mintologov respublik Zakavkaz'ya po voprosam gel'mintofauny i bor'by s gel'mintozami cheloveka, sel'skokhozyaystvennykh zhivotnykh i rasteniy, Tiflis, 1961.

(Transcaucasia—Helminthology)

GOGSHDZISHVILI, G.I.

Effect of starvation diet of various duration on the effectiveness of tin arsenate in sheep invaded with Thysaniezia. Soob. AN Gruz. SSR 31 no. 2:425-431 Ag '63. (MIRA 17:7)

GODERDZISHVILI, T. M. Cand Med Sci -- (diss) "On the problem of dynamics of certain biochemical indicators during the treatment of ulcers of the stomach and the duodenum under conditions of the 'Likani' sanitarium." Tbilisi, 1959 28 pp (Tbilisi State Med Inst), 200 copies (KL, 52-59,125)

[redacted], T.M., [redacted]

Changes in some enzymes of the blood during bleeding and transfusion in hypothermia. Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 1:29-34 '63. (MIRA 17:8)

GODERDZISHVILI, T.M.; BAGRATIONI, P.P.; KHUCHUA, A.V.;
BURKHIASHVILI, V.K.

Changes in some biochemical indices of the blood in coronary perfusion. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 11:21-24 '63. (MIRA 17:8)

[redacted], T.M.; [redacted], T...

Normal biochemical indices of the blood in experimental animals. Trudy inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 11:213-217 '63. (MIRA 17:3)

TSIANAVILI, M.G.; GOGERI ISHV[illegible] T.N.

Biochemical indices of the blood in healthy experimental animals. Trudy Inst. eksp. i klin. kh. r. i gemat. AN Gruz. SSR 11:219-222 '61. (MIRA 17:8)

GODES, Abram Borisovich; KUZNETSOV, V.V., red.; SHCHEDRINA, N.L., tekhn. red.

[Forms of production ties among collective farms] Formy mezhkolkhoznykh proizvodstvennykh sviazei. Moskva, Gosiurizdat, 1962. 212 p. (MIRA 15:6)

(Collective farms—Interfarm cooperation)

SAVINOV, O.A., kandidat tekhnicheskikh nauk; GODES, E.S., inzhener.

Using vibration drills in boring artesian wells. Strei.prom.34 no.6: 13-16 Je '56. (Boring) (MIRA 9:9)

GODES, M.G., inzhener.

Efficient methods for underwater blasting work. Strel.prom.34 no.7: 8-11 Jl '56. (Blasting, Submarine) (MIRA 9:9)

GODES, Emmanuil Grigor'yevich; SAVINOV, O.A., kandidat tekhnicheskikh nauk, nauchnyy redaktor; ROTENBERG, A.S., redaktor izdatel'stva; PUL'KINA, Ye.A., tekhnicheskiy redaktor.

[New techiques used in underground constructions] Novoe v proizvodstve glubinnykh rabot. Leningrad, Gos.izd-vo lit-ry po storit. i arkhit. 1957. 61 p. (MLRA 10:5)

1. Glavnyy inzhener Leningradskogo upravleniya tresta Gidrospetsstroy. (for Godes).

(Hydraulic engineering) (Pile driving)

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.; BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV, N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.; GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT, Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.; GORBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.F., kand. s.-kh. nauk; GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO, Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK, A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.; KARANOV, I.F.; KNYAZEV, S.N.; KOLMOGAYEV, N.M.; KOMAREVSKIY, V.T.; KOSMENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.; KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.; LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO, K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk; MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.; OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN, G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMEZOV, N.P.; ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.; RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.; SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY, Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA, Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.; TSISHEVSKIY, P.M.; CHEKMASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN, N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA, I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SKIY,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YEMMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIROSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBRYZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.R., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; RUSSO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.

Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N., tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHKOVSKIY, N.V., tekhn. red.

[Volga-Don; technical account of the construction of the V.I. Lenin Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center, and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk. Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of construction. Specialized operations in hydraulic engineering] Organizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 4.

Glav. red. S.IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.
(MIRA 11:9)

1. Russia (1923- · U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

(Volga Don Canal--Hydraulic engineering)

GODES, E.G., inzh.

Using tamped concrete piles. Stroi. prom. 36 no. 7:11-13 Jl '58.
(MIRA 11:8)

(Piling(Civil engineering)
(Foundations)

GODES, E.G. (Leningrad)

Using reinforced concrete sewage pipes in constructing pile foundations. Osn. fund. i mekh. grun. 2 no.6:17-18 '60. (MIRA 13:12)
(Pipe, Concrete) (Piling (Civil engineering))

GODES, Emmanuil Grigor'yevich; SMIRNOV, N.A., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Overall mechanization of preparatory operations in the building development of residential blocks]Kompleksnaia mekhanizatsiia rabot nulevogo tsikla pri zastroike zhilykh kvartalov. Pod obshchei red. N.A.Smirnova. Leningrad, Leningr.dom nauchno-tekhn.propagandy, 1961. 37 p. (Bibliotechka stroitelia po kompleksnoi mekhanizatsii i avtomatizatsii stroitel'stva, no.10) (MIRA 15:8)

(Earthwork) (Foundations)

GODES, E.G., inzh.; SHASHKOV, S.A., kand. tekhn. nauk; BAUM, V.A., inzh.; SOROKIN, P.P., kand. tekhn. nauk, retsenzent; LISITSIN, B.V., inzh., retsenzent; BESPALOV, I.V., inzh., nauchnyy red.; PENOVA, Ye.M., red. izd-va; VORONETSKAYA, L.V., tekhn. red.

[Reinforcing river banks near factory grounds]Ukreplenie beregov rek na zavodskikh territoriiakh; proizvodstvennyi opyt. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 134 p. (MIRA 14:10)

(Hydraulic engineering)

GODES, Emmanuil Grigor'yevich; KARPOV, V.V., kand. tekhn. nauk, nauchnyy red.; ROTENBERG, A.S., red. izd-va; PUL'KINA, Ye.A., tekhn. red.

[Construction of intakes]Opyt stroitel'stva vodozabornykh sooruzhenii. Leningrad, Gosstroiizdat, 1962. 189 p. (MIRA 15:12)

(Intakes (Hydraulic engineering))

GOLES, Emmanuil Grigor'yevich; LEVCHENKO, Ya.V., red.; FAEGER, D.P., red.izd-va; GVIRTS, V.L., tekhn. red.

[New methods for the sinking of coffers] Novye sposoby pogruzheniia opusknykh kolodtsev. Leningrad, 1963. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'noe proizvodstvo, no.8) (MIRA 17:1)

(Wells)

ABELEV, Yu.M., doktor tekhn. nauk, prof.; ABELEV, M.Yu., inzh.; BAKHOLDIN, B.V., kand. tekhn. nauk; BEREZANTSEV, V.G., doktor tekhn. nauk, prof.; VYALOV, S.S., doktor tekhn. nauk; GODES, E.G., inzh.; GORBUNOV-POSADOV, M.I., doktor tekhn. nauk, prof.; DAINATOV, B.I., doktor tekhn. nauk, prof.; DOKUCHAYEV, V.V., kand. tekhn. nauk; KRUTOV, V.I., kand. tekhn. nauk; KSENOFONTOV, A.I., kand. tekhn. nauk; MARIUPOL'SKIY, G.M., kand. tekhn. nauk; MORAVESKUL,N.N., inzh.; PERLEY, Ye.M., inzh.; SAVINOV, O.A., doktor tekhn. nauk; SIDOROV, N.N., kand. tekhn. nauk; SMORODINSKIY, N.A., kand. tekhn. nauk; SOKOLOV, N.M., doktor tekhn.nauk; FEDKIN, A.Ya., inzh.; SHASHKOV, S.A., kand. tekhn.nauk; SHEYKOV, M.L., inzh.; YAROSHENKO, V.A., kand.tekhn.nauk, [deceased]; KHALIZEV, Ye.P., kand. tekhn. nauk, nauchn.red.

[Manual for the designing of industrial plants, apartment houses, and public buildings and structures; foundations] Spravochnik proektirovshchika promyshlennykh, zhilykh i obshchestvennykh zdanii i sooruzhenii; osnovaniia i fundamenty. Leningrad, Stroiizdat, 1964. 268 p.
(MIRA 18:1)

GODES, G. Ya.

USSR.

Determination of granosan in grain and grain products. L. F. Romysh and G. Ya. Godes (Byelorussian Sanit.-Hyg. Inst., Minsk). *Voprosy Pitaniya*, No. 4, 33-5(1954).—A qualitative method is described for the detection of granosan, used as a grain fungicide and bactericide in grain [illegible]. The method can detect as small as 0.5 γ Hg and is based on a specific yellow-orange complex formation, $CuJ_2[HgJ_4]$, of Hg in the presence of Cu wire, dil. HCl, and I. [illegible]

OSTAPENYA, P.V.; GOLES, G.Ya.

Effect of different doses of benzene hexachloride upon organoleptic properties of vegetables. Vop.pit.13 no.2:46-47 Mr-Ap '54. (MLRA 7:2)

1. Iz Belorusskogo sanitarnogo instituta (Minsk).
(Benzene hexachloride) (Vegetables)

USSR/Medicine - Nutrition FD-3246

Card 1/1 Pub. 141 - 11/19

Author : Romysh, L. F.; Godes, G. Ya.

Title : Concerning the standard method of laboratory testing of bread

Periodical : Vop. pit., 38-38, Jul/Aug 1955

Abstract : The present standard method of testing bread samples for moisture content does not yield sufficiently reproducible results. Moisture figures obtained at one laboratory are not always in agreement with those obtained at another laboratory, nor are they always identical when determined at the same laboratory by different technicians. The dimensions of the drying dishes should be standardized to a further degree and specified whether they are made of glass or aluminum. Asks that laboratory technicians publish their views on shortcomings of standard methods of bread testing. No references.

Institution : Belo-Russian Sci-Res Sanitary Inst, Minsk

Submitted :

GODES, G. YA

Toxic effect of the preparation HIUIF-2 (Granosan). G. Ya. Godes and L. F. Komysh' (Sanit. Inst., Minsk). *Voprosy Pitaniya* 15, No. 5, 83-5(1956).—The visible symptoms of the poisoning (vomiting, headache, increased body temp.) follow a hidden period of 1-1½ months. In urine of the patients were found Hg and increased amts. of protein (0.66-1.05 g./l.) and urea (108 mg.%); the leucocyte no. in the blood was 14200. Pathol.-anatomic diagnosis: plethora of the cortex and gray substance of brain and lungs, degenerative changes of the heart and liver tissue, acute nephritis, and catarrhal colic. B. Wierbicki

Med

GODES, G.Ya.; ROMYSH, L.F.; PATENT, R.L.

Some data on the iodine content of local food products in the rural areas of the White Russian S.S.R. and problems in the prevention of goiter. Zdrav.Belor. 5 no.1:47-48 Ja '60. (MIRA 13:5)

1. Iz otdela gigiyeny pitaniya Belorusskogo nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta (direktor P.V. Ostapenya).
(IODINE) (GOITER)

ROMYSH, L.F.; PATENT, R.I.; GOTS, G.Ya.

Iodine content in food products of local origin in regions of the White Russian S.S.R. with various distribution rates of endemic goiter. Vop. pit. 23 no.1:51-57 Ja-F '64. (MIRA 17:8)

1. Iz otdela gigiyeny pitaniya (zav. - kand. med. nauk L.F. Romysh) Belorusskogo sanitarno-gigiyenicheskogo instituta, Minsk.

[illegible], I. [illegible]

[illegible], I. [illegible] -- "[illegible] of the [illegible] [illegible] [illegible] in the [illegible] [illegible] Operation of Methane Tanks in City Aeration Stations." [illegible] 53, Acad of Communal Economy imeni K.D. Pamfilov (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Vechernaya Moskva, January-December 1952

GOMES, I.; SOKOLOV, V.; PAL'KOVSKAYA, L.

Liquidate water losses in domestic water pipe systems. Zhil.-kom. khoz. 4 no.2:16-17 '54. (MLRA 7:5)
(Water pipes)

GODES, I.G.

Control of water leakage in apartment buildings. Gor.khoz.Mosk. 28 no.12:25-26 D '54. (MLRA 8:3)

1. Starshiy nauchnyy sotrudnik Akademii kommunal'nogo khozyaystva imeni K.D.Pamfilova.
(Moscow--Water conservation)

GODES, I.G., kand. tekhn. nauk; FAL'KOVSKAYA, L.N., kand. tekhn. nauk; BOLOTINA, A.V., red. izd-va; KHENOKH, E.M., tekhn. red.

[Using equipment developed by other branches of the national economy for temporary water supply] Ispol'zovanie tekhniki narodnogo khoziaistva dlia vremennogo vodosnabzheniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR. 1961. 46 p. (MIRA 15:7)

1. Akademiya kommunal'nogo khozyaystva.
(Water-supply engineering)

ORLOVSKIY, Z.A., kand. tekhn. nauk, red.; GODES, I.G., kand. tekhn. nauk, red.; NESOV, V.D., inzh., red.; LUK'YANOV, V.I., kand. arkh., red.; STRASHNYKH, V.P., red.izd-va; KLIMOVA, G.D., red.izd-va; RODIONOVA, V.M., tekhn. red.; NAUMOVA, I.D., tekhn. red.

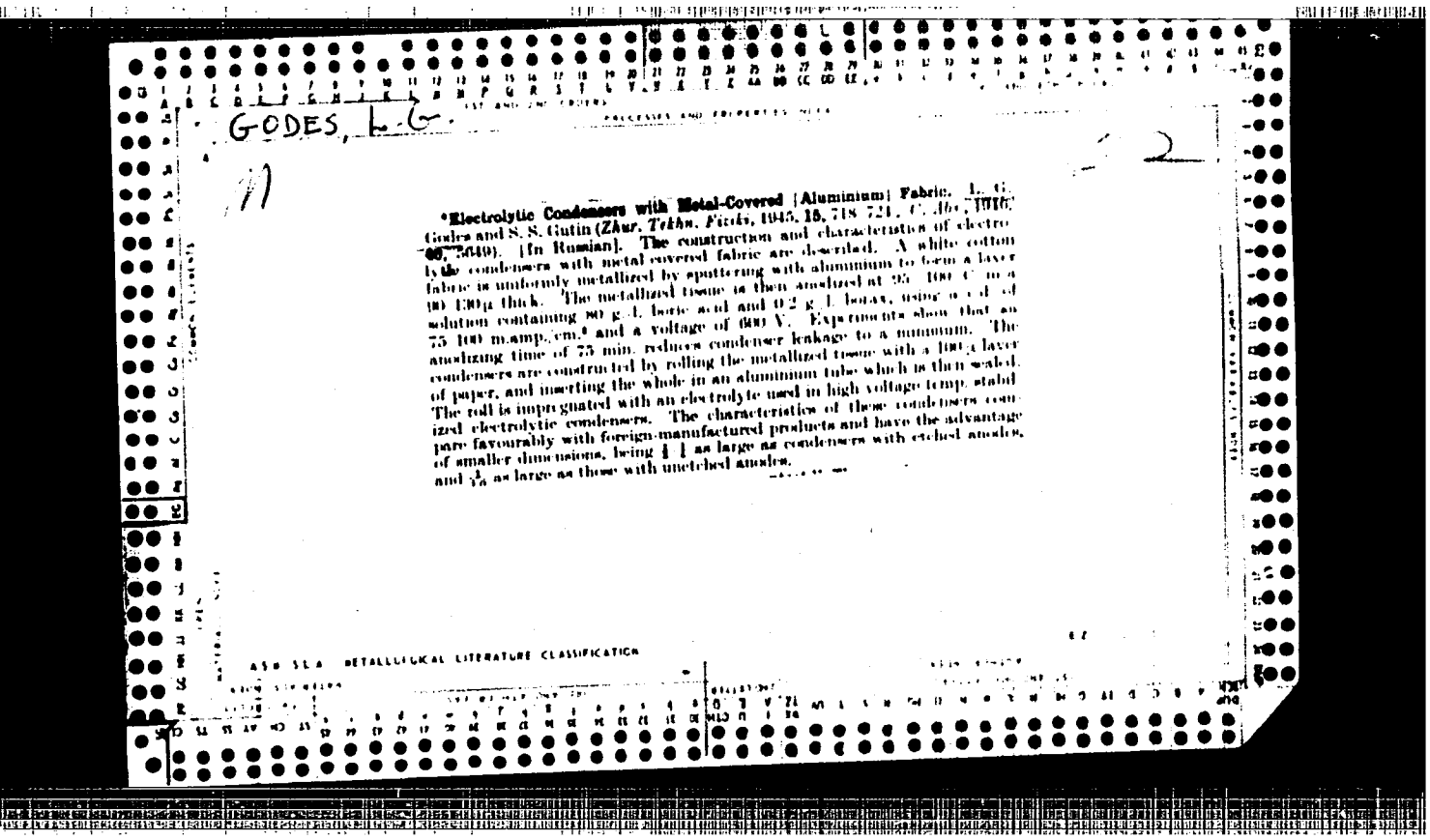
[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat. Pt.2. Sec.G. ch.6.[Sewerage standards for design (SNiP II-G6-62)] Kanalizatsiia normy proektirovaniia (SNiP II-G.6-62) 1962. 72 p. Pt.2. Sec.M. ch.1. [General plans of industrial enterprises; standards for design (SNiP II-M.1-62)] General'nye plany promyshlennykh predpriiatii; normy proektirovaniia (SNiP II-M.1-62) 1962. 54 p. (MIRA 16:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosudarstvennyy komitet Soveta Ministrov SSSR po delam stroitel'stva (for Orlovskiy, Nesov). 3. Akademiya kommunal'nogo khozyaystva RSFSR (for Godes). 4. Nauchno-issledovatel'skiy institut gradostroitel'stva Akademii stroitel'stva i arkhitektury SSSR (for Luk'yanov). (Sewerage--Standards)
(Industrial plants--Design and construction)

GODES, I.G., kand. tekhn. nauk, red.; KOGAN, A.S., kand. tekhn. nauk, red.

[Regulations concerning the technical operation of water supply lines and sewerage systems] Pravila tekhnicheskoi ekspluatatsii vodoprovodov i kanalizatsii. Moskva, Stroiizdat, 1965. 306 p. (MIRA 18:6)

1. Russia (1917- R.S.F.S.R.) Upravleniye vodoprovodno-kanalizatsionnogo khozyaystva.



GODES, L. G.

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•Electrolytic Condensers with Metal-Covered [Aluminium] Fabric. L. G. Godes and S. S. Gutin (*Zhur. Tekhn. Fiziki*, 1945, 15, 718–721. C. Abs., 1946, 40, 5449). [In Russian]. The construction and characteristics of electrolytic condensers with metal-covered fabric are described. A white cotton fabric is uniformly metallized by sputtering with aluminium to form a layer 80–120μ thick. The metallized tissue is then anodized at 95–100° C in a solution containing 80 g./l. boric acid and 0·2 g./l. borax, using a coil of 75–100 m.amps./cm.² and a voltage of 600 V. Experiments show that an anodizing time of 75 min. reduces condenser leakage to a minimum. The condensers are constructed by rolling the metallized tissue with a 100μ layer of paper, and inserting the whole in an aluminium tube which is then sealed. The roll is impregnated with an electrolyte used in high voltage temp. stabilized electrolytic condensers. The characteristics of these condensers compare favourably with foreign-manufactured products and have the advantage of smaller dimensions, being ½ as large as condensers with etched anodes, and ⅓ as large as those with unetched anodes.

ASS SLA METALLURGICAL LITERATURE CLASSIFICATION

GODES, Ya.

Effective organ of streetcar operators. Zhil.-kom. khoz. 13 no.5:6 My '63. (MIRA 16:8)

1. Redaktor mnogotirazhnoy gazety "Leningradskiy tramvay." (Leningrad—Streetcars—Periodicals)

1. GODES, Ye.Z.

2. USSR (600)

4. Acids

7. Conversion coefficient in determining titrable acidity, Vin.SSSR 13 no. 5, 1953.

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

GODEV, V.

"Influence of isobar curvatures on the intensity of precipitations."

KHIDROLOGIIA I METEOROLOGIIA., Sofiia, Bulgaria., No. 6, 1958

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas

SURNAME, Given Names

Country: Bulgaria

Academic Degrees: not given

Affiliation: not given

Source: Sofia, Khidrologiya i Meteorologiya, No 4, 1961, pp 61-64

Data: "Notes on the Article "Atmospheric Macroterm Formations."

Authors:

GODEV, Nikola
BOZHKOV, Rumen

GPO 901643

BOZHKOV, R.; GODEV, N.

A brief review on investigating the earth atmosphere with artificial satellites. Khidro i meteorolog no.3:30-35 '61.

GODEV, Nikola; BOZHKOV, Rumen

Some comment on the article "On formation of a microvortex in the atmosphere". Khidro i meteorolog no.4:61-64 '61.

GODEV, N.; BOZHKOV, R.

Some remarks on the article "Modification of the baryfield in the atmosphere." Khidro i meteorolog no.6:43-44 '61.

BOZHKOV, R.; GODEV, N.

Tornado of May 29, 1961 in the Rhodope Mountains. Priroda Bulg 11 no. 1:80-86 Ja-F 62.

GODEV, Nikola; BOZHKOV, Rumen

Testing some graphic methods for weather forecasts, and adapting them for use in Bulgaria. Khidro i meteorolog no.1:18-23 '63.

ZAKHARIYEV, V.I.; GODEV, N.G.

Numerical scheme of a forecast by a two-level model of the atmosphere on the basis of the solution of the complete system of hydrothermodynamic equations. Trudy MITS no.6:25-32 '65.
(MIRA 18:12)

ACC NR: AT5024832 EWT(1)/FCC GW

UR/3118/65/000/006/0025/0032

AUTHOR: Zakhariev, V.I.; Godev, N.G.

ORG: World meteorological center (Mirovoy meteorologicheskiy tsentr)

TITLE: Numerical approach to meteorological prognosis with a two layer armosphere model on the basis of a solution of the full system of hydrodynamic equations

SOURCE: Mirovoy meteorologicheskiy tsentr. Trudy, no. 6, 1965. Voprosy gidrodinamicheskogo kratkosrochnogo prognoza pogody i mezometeorologii (Problems in hydrodynamic short-range weather forecasting and mesometeorology), 25-32

TOPIC TAGS: weather forecasting, hydrodynamic theory, hydrometeorology, atmospheric geopotential, computer calculation, atmospheric model

ABSTRACT: A two level meteorological short term prognostic model has been constructed on the basis of a quasistatic atmosphere with adiabatic processes, and a plane surface of the Earth. The model utilizes the full system of hydrodynamic equations corresponding to these assumptions, which can be considered as a hydrothermodynamic system of equations. With the notations:

p - pressure; P - sea level standard pressure; - geopotential; x,y,ζ - East and North and vertical axes; t - time; u, v, ω - wind velocity components; T - temperature; l - Coriolis parametr, R - Gas constant; g - acc. of gravity; γ_a - dry adiabatic grad.,

Card 1/3

UDC: None

γ - standard vertical temperature gradient; T_c - average air temperature - the system of hydrothermodynamic equations can be written down as follows:

$$\left.\begin{aligned}
&\frac{\partial u\omega}{\partial\xi}=\frac{\partial u}{\partial t}+\frac{\partial u^2}{\partial x}+\frac{\partial uv}{\partial y}+\frac{\partial\Phi}{\partial x}-lv\\
&\frac{\partial v\omega}{\partial\xi}=\frac{\partial v}{\partial t}+\frac{\partial uv}{\partial x}+\frac{\partial v^2}{\partial y}+\frac{\partial\Phi}{\partial y}+lu\\
&\frac{\partial(1-\xi)\Phi}{\partial\xi}=RT-\Phi\\
&\frac{\partial(1-\xi)\omega}{\partial\xi}=(1-\xi)\left(\frac{\partial u}{\partial x}+\frac{\partial v}{\partial y}\right)-\omega\\
&\frac{\partial(1-\xi)\omega T}{\partial\xi}=(1-\xi)\left(\frac{\partial T}{\partial t}+\frac{\partial uT}{\partial x}+\frac{\partial vT}{\partial y}\right)-\omega\left[\frac{RT_c(\gamma_a-\gamma)}{g}+T\right]
\end{aligned}\right\}\quad(1)$$

where: $\xi=1-\zeta$; $\zeta=p/P$

with the initial conditions given by:

$$\left.\begin{aligned}
&\omega=\frac{1}{RT_c}\left(\frac{\partial\Phi}{\partial t}+u\frac{\partial\Phi}{\partial x}+v\frac{\partial\Phi}{\partial y}\right)\ \text{where}\ \xi=0\\
&\omega=0\qquad\qquad\qquad\qquad\qquad\qquad\text{where}\ \xi=1
\end{aligned}\right\}\quad(2)$$

A two-level atmosphere was chosen for the development of computational methodology, at 500 and 1000 millibars, Accordingly, $\xi_0=0$; $\xi_1=1/2$; $\xi_2=1$. Application of the method of integral relationships along the vertical coordinate, together with the two equations of the initial conditions yields 7 simplified equations; 3 additional equations accrue from the equations of motion and heat inflow at the ground. After some

L 14062-66
ACC NR: AT5024832

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rearrangements, a closed system of 10 equations was obtained for the ten predicted variables (ϕ,u,v,ω, and T - at levels #1 and #2). The system was rewritten in finite differences and programmed for digital computation in a computer, using a 22 x 26 net of 572 points with a 300 km. step. The initial wind fields were taken in the geostrophic approximation; the non-linear members were smoothed at each step. The developmental computer runs indicated a need for some modifications to increase stability of the computation process. More specifically, certain eigenvalues (those of the mxm matrices stemming from the m- level vertical dimension of the atmosphere, with m=2 in the present case, Abstractor) entering directly or indirectly into the 10 final equations had to be considered as variable geographical parameters and computed for several subregions; this process was, however, automated as a computer subroutine. Comparison of actual and predicted geopotential maps shows that weather evolution and the character of basic pressure patterns are correctly predicted. Authors express thanks to I.A. Kibel, member-correspondent of the A.N., SSSR, for his interest in the progress of this work, and to I.V. Trostnikov, for his contribution to computer programming. The orig. art. has 6 figures and 10 equation system formulas.

SUB CODE: 04 SUBM DATE: 00/...65 ORIG REF: 006 OTH REF: 000

Card 3/3 BK

L 14064-66 EWT(1)/FCC GW

ACC NR: AT5024836 UR/3118/65/000/006/0052/0056

AUTHOR: Godev, N.G.

ORG: World meteorological center (Mirovoy meteorologicheskiy tsentr)

TITLE: A study of orographic precipitation with the aid of a linear theory of flow about the irregularities of the Earth's surface

SOURCE: Mirovoy meteorologocheskiy tsentr. Trudy, no. 6, 1965. Voprosy gidrodinamicheskogo kratkosrochnogo prognoza pogody i mezometeorologii (Problems in hydrodynamic short-range weather forecasting and mesometeorology), 52-56

TOPIC TAGS: weather forecasting, rain, atmospheric circulation, atmospheric model, computer calculation

ABSTRACT: Terrain obstacles deform the air flow, creating ancillary ascending and descending currents. Expressions for calculating these vertical currents were developed on the basis of a simplified two-layer hydrothermodynamic model, suitable for computer processing. The point of departure was the vertical currents equation due to Kibel, formulated in detail elsewhere (Kibel, I.A., D.A.N., SSSR, v. 100, no.2, 1955), namely:

$$\left(\frac{\partial^2}{\partial x^2}+\frac{\partial^2}{\partial y^2}+\frac{\partial^2}{\partial z^2}\right)\frac{\partial^2 W}{\partial x^2}+D^2\left(\frac{\partial^2}{\partial x^2}+\frac{\partial^2}{\partial y^2}\right)W=0. \qquad (1)$$

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UDC: None

Here, $W=\rho w'$; ρ - density, w' - vertical velocity component, H - characteristic height, L - characteristic length, γ_a - dry adiabatic gradient, and

$$\varepsilon=\frac{H}{L};\quad D^2=\frac{g}{\bar{T}}\frac{\gamma_a-\gamma}{V^2}H^2;$$

$$x=\frac{x_1}{L};\quad y=\frac{y_1}{L};\quad z=\frac{z_1}{H};$$

Constructing the two-layer approximation to (1), the second order partial derivatives were replaced by finite differences and the vertical velocities at the interlayer surface, $\bar{W}=W_{z=1/2}$; $\bar{W}_j$ corresponding to $y=y_j$, - by the expression $\bar{W}_j=\sum_{n=0}^{q}a_n(x)\cos\frac{n\pi j}{q}$.

With these and other similar presentations, the vertical components of velocity are found to be given by the expression of the form:

$$\bar{w}_j=-4\frac{\rho_0}{\rho}\frac{\varepsilon}{q}\sum_{n=0}^{q}\sum_{r=1}^{q-1}\left\{\Omega_r^{(n)}\cos\frac{n\pi r}{q}+\frac{1}{2}(-1)^n\Omega_q^{(n)}\right\}\cos\frac{n\pi j}{q}\ (j=0,1,2,\ldots,q),\ (2)$$

где

$$\Omega_r^{(n)}=\frac{1}{Q}\left[\lambda_1^2\int_{-\infty}^{x}e^{-\lambda_1(x-x_1)}\zeta\left(x',\frac{r}{q}\right)dx'-\lambda_1^2\int_{x}^{\infty}e^{\lambda_1(x-x')}\zeta\left(x',\frac{r}{q}\right)dx'-\right.$$

$$\left.-2\lambda_2^2\int_{-\infty}^{x}\sin\lambda_2(x-x')\zeta\left(x',\frac{r}{q}\right)dx'\right]\ \text{when}\ D^2>0.$$

A region around Sophia, Bulgaria was chosen for computer processing. The mountains

ACC NR: AT5024836

were represented by paraboloids of rotation. The whole model was processed on a digital computer of the World meteorological center. The results show that inspite of considerable simplifications introduced in the model, it is possible to obtain the main futures of the precipitation events. The zones of maximum and minimum precipitation were also computed and plotted; they occur in spots elongated along the direction of the wind. Actual and predicted (calculated) zone patterns look quite similar. Author thanks I.A. Kibel, member-correspondent, A.N., S.S.S.R., and Kh. N. Zeytunyan and N.A. Fedotova for their attention evidenced with respect to the present work. Orig. art. has; 2 fig., 14 formulas.

SUB CODE: 04 SUBM DATE: none ORIG REF: 004 OTH REF: 001

Card 3/3 BK

LEVINA, Antonina Andreyevna; D'YACHKOV, Aleksey Mikhaylovich; CHALKHUSH'YAN, L.F., red.; GODNYCHIK, G.M., red.; SHAPENKOVA, T.A., tekhn.red.

[Automatic loom (AT2-120-ShL) for silk weaving] Avtomaticheskii shelkotkatskii stanok AT2-120-ShL. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 81 p. (MIRA 12:8)
(Looms) (Silk)

GODIC, Vlastimir

Treatment of duodenal ulcer in Vrnjacka Banja. Med. glasn. 10 no. 10:398-404 Oct 56.

1. Institut za medicinsku hidrologiju i klimatologiju Medicinskog fakulteta u Beogradu (upravnik: M. Neskovic).
(PEPTIC ULCER, ther.
balneother.
(BALNEOLOGY, in various dis.
peptic ulcer (Ser))

GODIC, Vlastimir; RADIC, Mihajlo

Treatment of diabetes mellitus at Vrnjacka Banja baths.
Srpski arh. celok. lek. 84 no.1:67-73 Jan 56.

1. Institut za medicinsku hidrologiju i klimatologiju Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Milutin Neskovic.
(DIABETES MELLITUS, ther.
balneol. (Ser))
(BALNEOLOGY, in various dis.
diabetes mellitus, Vrnjacka Banja baths (Ser))

RADIC, Mihajlo; GODIC, Vlastimir; CVETKOVIC, Miodrag

Immediate effect of naturally carbon dioxide baths and of the drinking of mineral water Sneznik in Vrnjacka Banja on glycemia of diabetics. Srpski arh. celok. lek. 84 no.2:199-203 Feb 56.

1. Institut za medicinsku hidrologiju i klimatologiju Medicinskog fakulteta u Beogradu. Upravnik; prof. dr. Milutin Neskovic.
(BLOOD SUGAR, in various dis.
diabetes mellitus, eff. of carbon dioxide bath & mineral water (Ser))
(DIABETES MELLITUS, blood in
blood sugar, eff. of carbon dioxide bath & mineral water (Ser))
(BALNEOLOGY,
carbon dioxide bath, eff. on blood sugar in diabetes mellitus, with mineral water (Ser))
(MINERAL WATER, eff.
on blood sugar in diabetes mellitus, with carbon dioxide bath (Ser))

GODIC, Vlastislav; SKEROVIC, Djordjina; PETKOVIC, Dragoljub

Effect of warm mineral water from Vrnjacka Banja on the excitability of the parasympathetic nervous system of dog. Srpski arh. celok. lek. 84 no.9:998-1003 Sept 56.

1. Institut za medicinsku hidrologiju i klimatologiju Med. fakulteta u Beogradu, Upravnik: prof. dr. Milutin Neskovic. Fiziloski institut Med. fakulteta u Beogradu; Upravnik: prof. dr. Milutin Neskovic.

(PARASYMPATHETIC NERVOUS SYSTEM, physiol.
excitability, eff. of warm mineral water in dog (Ser))
(MINERAL WATER, eff.
on excitability of parasympathetic NS of dog (Ser))

GODIC, Vlastimir

RADIC, Mihajlo, Dr.; GODIC, Vlastimir, dr.

Conditions following infectious hepatitis and its therapy in Vrnjacka Banja. Med. glasn. 11 no.16-18 Jan 57.

1. Institut za medicinsku hidrologiju i klimatologiju Medicinskog fakulteta u Beogradu (Upravnik: prof. dr. M. Maskovic).
(HEPATITIS, INFECTIOUS, ther.
Vrnjacka Banja baths (Ser))
(BALNEOLOGY, in var. dis.
Vrnjacaka Banja baths in infect. hepatitis (Ser))

SKEROVIC, Djordjina; GODIC, Vlastimir

Experimental study of the effect of mineral water of Vrnjacka Banja (Znesnik) on isolated intestines of cat. Srpski arh. celok. lek. 85 no.1:57-62 Jan 57.

1. Fiziloski institut Medicinskog fakulteta u Beogradu Upravnik: prof. dr. Milutin Neskovic. Institut za medicinsku kidrologiju i klimatologiju Medicinskog fakulteta u Beogradu Upravnik: Milutin Neskovic.

(MINERAL WATER, eff.
Vrnjacka Banja mineral water on isolated intestines of cat (Ser))
(INTESTINES,
eff. of Vrnjacka Banja mineral water on isolated intestines of cat (Ser))

GODIC, Vlastimar; RADIC, Mihajlo

Effect of mineral waters of Vrnjacka Banja on choleresis. Srpski arh. celok. lek. 85 no.5:552-558 Mar 57.

1. Institut za Medicinsku hidrologiju i klimatologiju Medicinskog fakulteta. Upravnik: Milutin Neskovic.

(BILE,
choleretic eff. of Vrnjacka Banja mineral waters (Ser))
(MINERAL WATERS, eff.
choleretic of Vrnjacka Banja mineral waters (Ser))

SAVICEVIC, Miomir; STANKOVIC, Milos; STANKOVIC, Ranko; GODIC, Vlastimir

Effect of mineral water and climate in Banjska spa on health in chronic lead poisoning. Srpski arh. celok. lek. 88 no.6:655-664 Je '60.

1. Higijenski institut Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Miomir Savicevic.

(LEAD POISONING ther) (BALNEOLOGY)

DANILOVIC, Vojislav; BOJANIC, Milan; RADOVANOVIC, Lazar; GODIC, Vlastimir, dr., doc.; RADIC, Mihajlo

Immediate results of balneo-climatic factors in Soko-Spa in bronchial asthma. Srpski arh. celok. lek. 89 no.3:295-303 Mr '61.

1. Balneo-klimatoloski institut NR Srbije u Beogradu. Direktor: doc. dr Vlastimir Godic. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Radivoje Berovic.

(ASTHMA ther) (BALNEOLOGY)

RADIC, Mihailo; GODIC, Vlastimir; RADOVANOVIC, Lazar; BOJANIC, Milan

Contribution to the study on radio-emanotherapy and results of combined balneo- and climatic therapy in Sokobanja. Srpski arch. celok. lek. 91 no.11:1033-1040 N'63

1. Balneo-klimatoloski institut SR Srbije u Beogradu; direktor: doc.dr. Vlastimir Godic.

[redacted], [redacted]; [redacted],

Effect of Vrnjci spa warm mineral water on gallbladder motility. Srpski arch. celok. lek. 92 no.3:291-299 Mr '64.

1. Balneoklimatoloski Institut, Socijalisticke Republike Srbije. (Direktor: doc. dr. Vlastimir Gedic); Rendgenolosko odeljenje banjskog lecalista Vrnjacka Banja (Sef: dr. Borka Jovanovic).

GODICH, V.I.; LUTSENKO, I.Ye.

Representation of a unitary operator as the product of two involutions. Usp. mat. nauk 20 no.6:64-65 N-D '65.
(MIRA 18:12)

1. Submitted Feb. 27, 1965.

Godik, A.N.

DRONOV, A.A.; GODIK, A.N.; SHTIL'MAN, Ye.I.; ANDREYEV, O.V., redaktor; GALAKTIONOVA, Ye.N., tekhnicheskiy redaktor

[Highway bridges and culverts with water gates] Shliuznye mosty i truby na avtomobil'nykh dorogakh. Moskva, Izd-vo dorozhno-tekhn. lit-ry, 1952. 138 p. [Microfilm] (MLRA 7:10)
(Bridges) (Culverts) (Dams)

GOLIK, A. N.

Stroitel'stvo malykh mostov i trub iz mestnykh materialov (Construction of small bridges and conduits from local materials, by) A. A. Dronov, A. N. Golik, Ye. I. Shtil'man. Moskva, Dorizdat, 1953. 127 p. illus., diagrs., tables. "Literatura": p. 126.

SO: N/5
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DRONOV, A.A.; GODIK, A.N.; SHTIL'MAN, Ye.I.; CHARUYSKIY, A.P., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Construction of small bridges and culverts from local materials] Stroitel'stvo malykh mostov i trub iz mestnykh materialov. Moskva, Dorizdat, 1953. 127 p.
(MIRA 16:7)

(Bridges) (Culverts)

87905

S/181/60/002/012/005/018
B006/B063

9.4300 (1143, 1155)

AUTHORS: Godik, E. E. and Ormont, B. F.

TITLE: Application of the Method of Diffuse Reflection Spectra for Determining the Width of the Forbidden Band ΔE_{phot} in Powdery Samples

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 12, pp. 3017-3019

TEXT: The spectra of diffuse reflection from the phases and the binary system $(ZnSe)_x$-$(CdSe)_y$ have been studied and were used to determine the forbidden-band width ΔE_{phot}. Measurements were made with an СФ-2М(SF-2M) spectrometer in the visible region. The samples were prepared by mixing the powders and grinding it to a paste together with cellulose nitrate varnish or alcohol. Powders without additions were also examined. MgO was used as standard substance. First, the fundamentals of ΔE_{phot} determination from diffuse reflection spectra were analyzed, i.e., the dependence of results upon the degree of dispersion, the thickness of the

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87905

Application of the Method of Diffuse Reflection Spectra for Determining the Width of the Forbidden Band ΔE_{phot} in Powdery Samples

S/181/60/002/012/005/013
B006/B063

layer, the reflectivity of the base, and the adhesiveness of the substance was studied. Experiments were made with ZnSe, $(ZnSe)_{0.7}\cdot(CdSe)_{0.3}$, and $(ZnSe)_{0.5}\cdot(CdSe)_{0.5}$, and indicated that the experimental conditions scarcely influence the results. For comparison, ΔE_{phot} was determined from the diffuse reflection spectra (1), the spectra of the capacitor photo-emf (2), the spectra of transmitted light of suspensions (3), and from sputtered films (4). For ZnSe, e.g., ΔE_{phot} was found to be 2.64 ev according to (1), 2.66 ev according to (3), and 2.67 ev according to (2). Method (1) yielded results of good reproducibility. Values of ΔE_{phot} obtained by method (1) for various compositions of the system concerned and results concerning ΔE_{phot} as a function of the composition were published in Ref. 3. At the same time, similar studies have been made at FTI (Institute of Physics and Technology) by B. T. Kolomiyets and Lin' Tszin'-tin' (Ref. 4), which yielded consistent results. All this indicates that method (1) is suitable for determining ΔE_{phot}. The sensitivity of

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ACCESSION NR: AP4043354 S/0181/64/006/008/2358/2360

AUTHORS: Godik, E. E.; Pokrovskiy, Ya. Ye.

TITLE: Coefficients of capture of holes by atoms of indium and boron in silicon

SOURCE: Fizika tverdogo tela, v. 6, no. 8, 1964, 2358-2360

TOPIC TAGS: group III element, capture cross section, impurity conductivity, silicon photocell, phonon, cascade

ABSTRACT: The only published paper on this subject (J. S. Blakemore, Canad. J. Phys., v. 34, 938, 1956) is devoted to the capture of holes by negatively charged indium atoms in silicon. Boron is used additionally in the present investigation because it is the shallowest "hydrogen-like" acceptor in silicon (the corresponding energy level is $\Delta E = 0.046$ eV above the valence band). The silicon was doped with indium and boron by a crucible-less zone crystallization

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ACCESSION NR: AP4043354

procedure described elsewhere (Ya. Ye. Prokovskiy and K. I. Svistunova, FTT, v. 3, 757, 1961). Antimony was used to compensate for the strenuous shallow acceptors in the indium-doped silicon. The test procedure and equipment are described. The values obtained for the capture coefficients for holes in singly negatively charged indium and boron atoms in silicon are $\sim 2 \times 10^{-6}$ and $\sim 10^{-4}$ cm^3 sec^{-1} for indium at 78K and for boron at 20K, respectively. Although these values are quite large, they agree in order of magnitude with those obtained by the theory of cascade phonon capture for low temperatures in the presence of Coulomb attraction (M. Lax, Phys. Rev. v. 119, 1502, 1960). "The authors thank Professor S. G. Kalashnikov for continuous interest in the work and for a discussion of the results, and V. V. Proklov for help with the measurements." Orig. art. has: 6 formulas and 1 table.

ASSOCIATION: Institut radiotekhniki i elektroniki AN SSSR, Moscow (Institute of Radio Engineering and Electronics, AN SSSR).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000615520003-9"

L 02256-67 EWT(l)/EWT(m)/EWP(e)/EWP(t)/ETI IJP(c) JD
ACC NR: AP6015478 (N) SOURCE CODE: UR/0181/66/008/005/1545/1549

AUTHOR: Godik, E. E.

55
51
8

ORG: Institute of Radio Engineering and Electronics, AN SSSR, Moscow (Institut radiotekhniki i elektroniki AN SSSR)

TITLE: The influence of the electrical field on the capture and dispersion of holes in boron-alloyed silicon

SOURCE: Fizika tverdogo tela, v. 8, no. 5, 1966, 1545-1549

TOPIC TAGS: silicon base alloy, hole mobility, electron hole, boron containing alloy, electric field

ABSTRACT: The author investigates the conductivity and Hall constant in boron-alloyed silicon with electrical fields from 0.5 to 300 v/cm at various temperatures from 4.2 to 18K under conditions of optical generation of the holes. Substantially nonlinear dependences of current density on the intensity of the electrical field were observed. It is shown that this nonlinearity is related to the decreased capture coefficient and hole mobility in the electrical field. A study is made of the dependence of the coefficient of hole capture on the intensity of the electrical field and the temperature. It is shown that these dependences may vary markedly with a variation

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L 02256-67
ACC NR: AP6015478

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in the concentration of the compensating admixture. A discussion is given of the experimental results in the framework of the theory of cascade phonon capture. The author expresses his sincere gratitude to S. G. Kalashnikov, V. L. Bonch-Bruyevich, and Ya. Ye. Pokrovskiy for discussing the results of the work, and to V. P. Sinis for assistance in making the measurements. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 05Aug65/ ORIG REF: 005/ OTH REF: 015

Card 2/2 pb

L 24793-65 EWT(m)/EWP(b)/EWP(t) IJP(c) JD/JG
ACCESSION NR: AP5003471 S/0181/65/007/001/0326/0327

AUTHORS: Proklov, V. V.; Godik, E. E.; Pokrovskiy, Ya. Ye.

TITLE: Generation-recombination noise in silicon doped with boron and indium

SOURCE: Fizika tverdogo tela, v. 7, no. 1, 1965, 326-327

TOPIC TAGS: noise, silicon, doping, generation recombination noise, carrier lifetime, capture coefficient

ABSTRACT: The authors investigated noise in boron-doped silicon, at a temperature of approximately 20K, and in indium-doped silicon at ~78K. The use of special current contacts has made it possible to reduce appreciably the level of the 1/f current noise. The investigation was made in the frequency range 30 kcps--30 kcs. The analyzer and intermediate-frequency voltage amplifier was an all-wave receiver. The signal was detected with a TVD-4 thermal con-

Card 1/3

verter, so that the noise power was measured directly. Special measures were adopted to reduce the input capacitance to ~3 pF. The use of low-noise tubes and suitable operating tube conditions made it possible to reduce the equivalent noise resistance of the measuring system to 400--500 ohms in the indicated frequency band. The measuring system was calibrated against the thermal noise of the load and sample resistances. At low temperatures, the current noise was found to agree with the theoretical values derived from the theory of generation-recombination noise (A. Van der Ziel, Fluctuation phenomena in semiconductors, London, Butterworths, 1959). The values obtained for the lifetime from the noise factor in the region of the noise plateau and from the decrease in noise at high frequency were 2×10^{-8} and 3×10^{-8} sec, respectively, and their approximate equality confirms the generation-recombination theory. In the case of indium-doped silicon, only the plateau of the generation-recombination noise could be observed and there was no noticeable decrease in the noise level at high frequency. The lifetime of the

L 24793-65
ACCESSION NR: AP5003471

holes, determined from the noise in the plateau region, turned out to be 2.0×10^9 sec, which suggests a value of ~100 Mc for the region where the noise decreased. The values obtained for the coefficient of hole capture by the negatively charged boron atoms at 20K in silicon were 7×10^{-5} cm^3/sec, and for indium at 78K the value was 1.5×10^{-6} cm^3/sec. This agrees with values obtained in investigations of stationary impurity photoconductivity. "The authors thank Professor S. G. Kalashnikov for continuous interest and a discussion of the work." Orig. art. has: 1 figure and 1 formula.

ASSOCIATION: Institut radiotekhniki i elektroniki AN SSSR, Moscow (Institute of Radio Engineering and Electronics AN SSSR)

SUBMITTED: 27Jun64 ENCL: 00 SUB CODE: SS

NR REF SOV: 002 OTHER: 002

Card 3/3

L 9917-66 EWT(l)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACC NR: AP6000879 SOURCE CODE: UR/0181/65/007/012/3664/3665

AUTHOR: Godik, E. E.; Molchanov, M. I.

ORG: Institute of Radio Engineering and Electronics, AN SSSR, Moscow (Institut radiotekhniki i elektroniki, AN SSSR)

TITLE: The effect of an electric field on the frequency dependence of generation-recombination noises in boron doped silicon

SOURCE: Fizika tverdogo tela, v. 7, no. 12, 1965, 3664-3665

TOPIC TAGS: semiconductor, silicon, forbidden band

ABSTRACT: The dependence of the coefficient for hole capture by negatively charged boron impurity atoms in silicon on the electric field was determined by investigating the effect of the electric field on the generation recombination noise of boron-doped silicon at frequencies between 3×10^4 and $\sim 10^{-4}$ cps. The samples used had a concentration of $\sim 5 \times 10^{15}$ of boron atoms/cm^3 and $\sim 2 \times 10^{12}$ atoms/cm^3 of compensated impurity. From the expression for the lifetime of the holes determined from the decrease of the noise spectrum at different electric fields (17—90 v/cm), it was established that at ~20K the hole capture cross section by negatively charged boron atoms in silicon is inversely proportional to the electric field. Orig. art. has: 2 figures and 2 formulas.

[CS]

SUB CODE: 20 SUBM DATE: 03Jul65/ ORIG REF: 003/ OTH REF: 003/ ATD PRESS

Card 1/1

L 12061-66 EWT(1)/T/EWA(h) IJP(c) AT
ACC NR: AP6001300 SOURCE CODE: UR/0363/65/001/008/1335/1339

AUTHOR: Godik, E.E.; Ormont, B.F.

ORG: Physicochemical Institute im. Karpov (Fiziko-khimicheskiy institut)

TITLE: Method of diffuse-reflection spectra in the phase analysis of semiconductor systems

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 8, 1965, 1335-1339

TOPIC TAGS: forbidden zone width, light reflection, zinc compound, selenide, cadmium selenide, semiconducting material

ABSTRACT: To determine how sensitive the spectral curve of diffuse reflection is to the appearance of a new phase, the pseudobinary system ZnSe-CdSe was studied as an example. The method permitted the determination of one of the most basic characteristics of semiconductor phases, i.e., the forbidden gap width ΔE_{phot}. The study made it possible to investigate the kinetics and mechanism of phase interaction producing solid solutions, and in particular their homogenization. The effect of various experimental factors on the sensitivity of the method was determined: the optimum thickness of the layer of ZnSe

Card 1/2

UDC: 537.311.33

Card 2/2

G[illegible], F.S.; M[illegible]V, P.I.

Effect of an electric field on the frequency dependence of generation and recombination noises in boron-doped silicon. Fiz. tver. tela 7 no. 12:3664-3665 D '65 (MIRA 19:1)

1. Institut radiotekhniki i elektroniki AN SSSR, Moskva.

SUB CODE: 17, 20/ SUBM DATE: 25Mar65/ ORIG REF: 001

UDC: 621.59:535.215.12

Card 1/1 VLR

ACC NR: AP7005443

SOURCE CODE: UR/0281/66/000/005/0105/0112

AUTHOR: Styrikovich, M. A. (Moscow); Godik, I. B. (Moscow)

ORG: none

TITLE: Method of calculating mass exchange in low temperature heat exchangers of magnetohydrodynamic installations

SOURCE: AN SSSR. Izvestiya. Energitiki i transport, no. 5, 1966, 105-112

TOPIC TAGS: heat exchanger, magnetohydrodynamics

ABSTRACT: Functional dependences are produced and analyzed which allow calculation of the material flux from a steam-gas mixture with low condensed vapor concentration to the wall of a recuperative heat exchanger-condenser, if the temperature regime of the apparatus is fixed. The specifics of mass exchange in the area of super heated and saturated vapors are analyzed. Orig. art. has: 21 figures. [JPRS: 39,568]

SUB CODE: 13,20 / SUBM DATE: 10Apr66 / ORIG REF: 010 / OTH REF: 001

Card 1/1

UDC: 536.423.4:075.5

GODIK, M.M., inzh.; KUNYANSKIY, Ya.I., inzh.

Pneumatic instruments for polishing facets and cleaning seams from slag. Stroi. truboprov. 5 no.7:25-26 Jl '60. (MIRA 13:9)
(Pipelines--Maintenance and repair)

GODIK, M.M., inzh.; KUNYANSKIY, Ya.I., inzh.

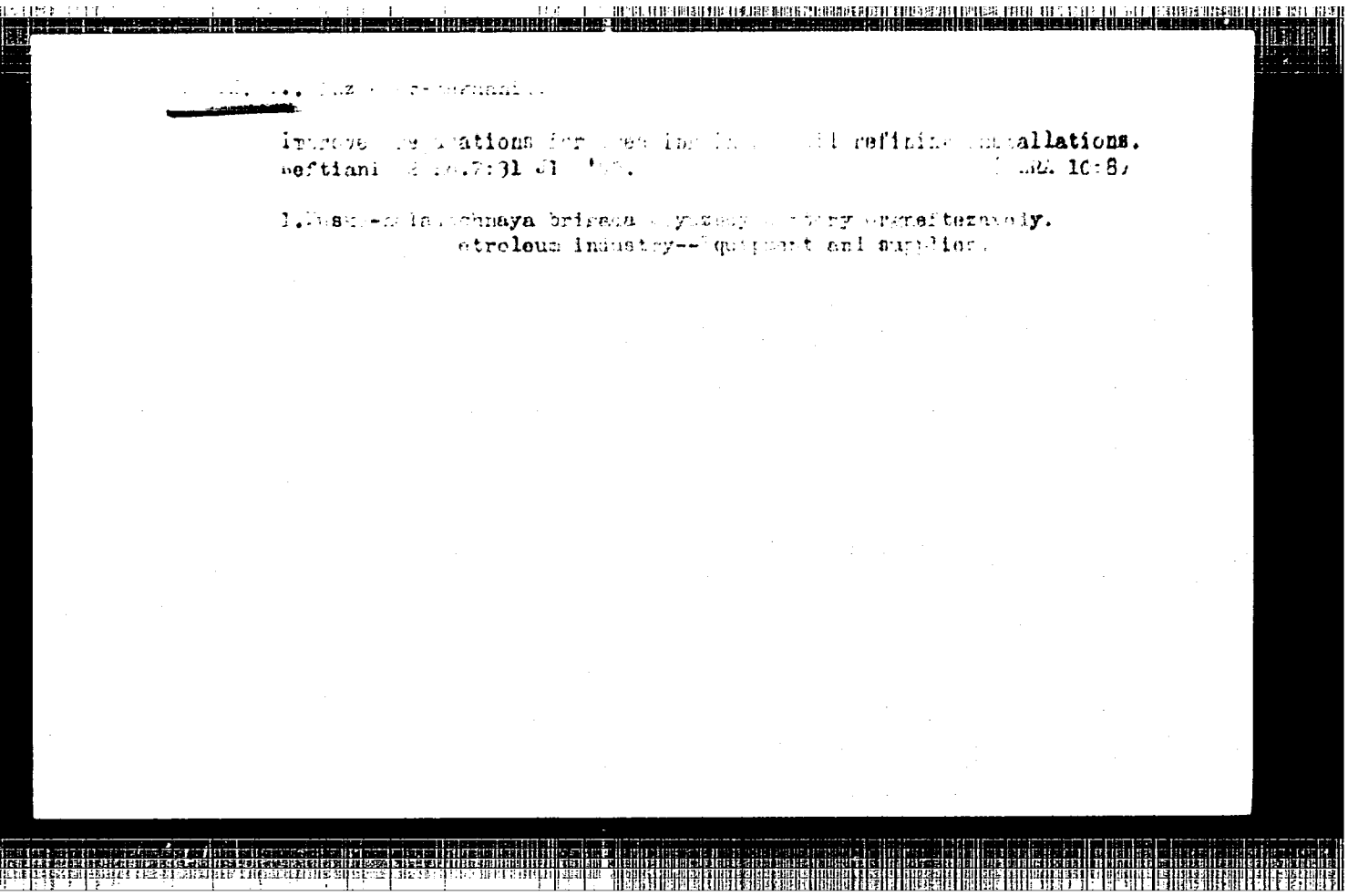
New abrasive wheels for cleaning pipe facets. Stroi. truboprov. 6 no. 1:30 Ja '61. (MIRA 14:2)
(Grinding wheels) (Pipe—Cleaning)

GODIK, M.M., inzh.; KIRILLOV, V.A., inzh.

Starting the diesel motors of the S-80 and S-100 tractors in winter. Stroi. truboprov. 6 no.3:28-29 Mr '61. (MIRA 14:3)
(Diesel engines--Cold weather operation) (Tractors--Fuel systems)

GODIK, M.M., inzh.

Change the organization of laying pipelines. Stroi. truboprov. 6 no.4:5-6 Ap '61. (MIRA 14:6)
(Gas, Natural--Pipelines)



GODIK, V.I., kandidat meditsinskikh nauk

Experimental treatment of thermal burns in children. Khirurgiia 33 no.3:125-126 Mr '57. (MLRA 10:6)

1. Iz kliniki khirurgii detskogo vozrasta s detskoy ortopediyey (zav. kafedroy - prof. M.L.Dmitriyev) Odesskogo meditsinskogo instituta imeni N.I.Pirogova (dir. - prof. I.Ya.Deyneka)
(BURNS, in inf. & child ther. (Rus))

VLADIMIRSKIY, T.A., doktor tekhn.nauk; VROBLEVSKIY, R.V., inzh.; GLEBOV, L.V., inzh.; GODIN, V.M., kand.tekhn.nauk; GUZOV, S.G., inzh.; GULYAYEV, A.I., inzh.; YERSHOV, L.K., inzh.; KOCHANOVSKIY, N.Ya., kand.tekhn.nauk; LYUBAVSKIY, K.V., prof., doktor tekhn.nauk; PATON, B.Ye., akademik, prof., doktor tekhn. nauk; RABINOVICH, I.Ya., kand.tekhn.nauk; RADASHKOVICH, I.M., inzh.; RYKALIN, N.N., prof., doktor tekhn.nauk; SPEKTOR, O.Sh., inzh.; KHRENOV, K.K., akademik, prof., doktor tekhn.nauk; CHERNYAK, V.S., inzh.; CHULOSHNIKOV, P.L., inzh.; SHORSHOROV, M.Kh., kand.tekhn.nauk; BRATKOVA, O.N., prof., doktor tekhn.nauk, nauchnyy red.; ERINBERG, I.L., kand.tekhn.nauk, nauchnyy red.; GEL'MAN, A.S., prof., doktor tekhn.nauk, nauchnyy red.; KONDRATOVICH, V.M., inzh., nauchnyy red.; KRASOVSKIY, A.I., kand.tekhn.nauk, nauchnyy red.; SKAKUN, G.F., kand.tekhn.nauk, nauchnyy red.; SOKOLOV, Ye.V., inzh., red.; IVANOVA, K.N., inzh., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Welding handbook] Spravochnik po svarke. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.1. 1960. 556 p. (MIRA 14:1)

1. AN USSR (for Paton, Khrenov). 2. Chleny-korrespondenty AN SSSR (for Rykalin, Khrenov).

(Welding--Handbooks, manuals, etc.)

Godik, No I

Author: Godik, E. I.

Title: Handbook for Technical Drawing.
Rukovodstvo po tekhnicheskomu cherecheniiu.
230 pp.

Date: 1949

Subject: Mechanical Drawing.

Available: Library of Congress, Call No: T353.G6 1949

Source: Lib. of Cong. Subj. Cat., 1950

GODIK, Yefrem Il'ich, dotsent, kand.tekhn.nauk; YANUSHEVSKIY, Sergey Konstantinovich, kand.tekhn.nauk; BIRYUKOVICH, Lev Konstantinovich, arkhitektor; SOROKA, M.S., red.

[Handbook on mechnaical drawing] Spravochnoe rukovodstvo po cherchcheniiu. Pod red. E.I.Godika. Kiev, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1959. 714 p. (MIRA 12:9)
(Mechanical drawing--Handbooks, manuals, etc.)

GODIK, Ye.I.

Time study of the schedules of the students in Food Institutes.
Trudy KTIPP no.19:219-222 '58. (MIRA 12:12)
(Food industry)

GODIK, Yefim Il'ich, prof.; MAYEVSKIY, V.V., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Handbook on mechanical drawing] Spravochnoe rukovodstvo po chercheniiu. Izd.2., perer. Kiev, Mashgiz, 1962. 627 p. (MIRA 15:6)

(Mechanical drawing)

GODIK, Yu.S.

The MGFK-KTS-type semiautomatic copy milling machine. Biul.tekh.-ekon.inform. no.2:44-45 '59. (MIRA 12:3)
(Milling machines)

[redacted], Yu.S.

The IzSSh3a-type machine for fastening bundles. Biul.tekh.-ekon. inform. no.4:30-31 '58. (MIRA 12:7)
(Woodworking machinery)

GODIK, Yu.S.

The S-16 four-way planing machine. Biul.tekh.-ekon.inform. no.5:44-46 '59. (MIRA 12:8)
(Planing machines)

GODIK, Yu.S.; GUDZON, N.I.

New machines for machining parquet boards. Der. prom. 8 no.7:9-10 Jl '59. (MIRA 12:9)
(Woodworking machinery)

GODIK, Yu.S.

Unitized power heads. Der. prom. 8 no.10:11-14 O '59.
(MIRA 12:12)

1.Moskovskiy zavod derevoobrabatyvayushchikh stankov.
(Woodworking machinery)