"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

19

Cu

1 Preparation of corundum abrasive powders at the Mos-
[illegible] Gorno-Obogatitel. Zhur.
No. [illegible] The plant uses corundum grains of
0.7-1.4 mm. from the Semis-Bugu deposits. Av. compn.
[illegible] TiO_2 0.41, Al_2O_3 [illegible], Fe_2O_3 [illegible], FeO 0.31,
CaO [illegible], MgO 0.07, K_2O + Na_2O 0.42, SO_3 1.48%. The
corundum is ground in a ball mill to 0-75 μ. The sol. part
which acts, to about 4-5% is removed with HCl and hot
H_2O. The fraction 0-5 μ is then removed by decantation
2 with cold H_2O while fraction 5-75 μ is further classified to
obtain fractions 5-7, 7-10, 14-20, 20-28 and 28-75 μ.
During 1936, production was increased to 750 tons per yr.
B. Z. Kamich

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

A.E.S

Equipment + apparatus

Classifier for powdered materials. A. M. Nemtinov
Russ. 50,982, April 30, 1940 in 6 Structural details
of the cone-shaped classifier M.Ho

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTINOV, A. M.

PA 16/49T95

USSR/Minerals
Coal
Fuel-Ratings

Jul 48

"The Problem of Increasing the Quality of Coal Around Moscow," A. M. Nemtinov, Engr, 2½ pp

"Za Ekonomiyu Topliva" No 7

Discusses sorting and grading of coal from Moscow coal field to satisfy consumer requirements.

16/49T95

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTINOV, A.M.

MASKIN, M.G.; NEMTINOV, A.M.; KET'KO, P.Ya., otvetstvennyy redaktor; ...YKOV, N.A., redaktor; SHPAK, Ye.G., tekhnicheskiy redaktor

[Controlling the quality of coals and oil shales] Kontrol' kachestva uglei i goriuchikh slantsev. Moskva, Ugletekhizdat, 1953. 175 p. (MLRA 7:9)

(Coal—Testing) (Oil shales—Testing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTINOV, A.M.; SHATOVSKIY, G.V., redaktor; RYKOV, N.A., redaktor; NADEINSKAYA, A.A., tekhnicheskiy redaktor

[Coal grading] Sortirovka uglia. Moskva, Ugletekhizdat, 1954. 29 p. (MLRA 8:4)
(Coal--Grading)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

ATAULIN, V.V.; VLASOVA, R.M.; DAVYDOVA, Ye.A.; DANILENKO, I.S.; DZIOV, V.A.; DUBROVIN, A.P.; YEFANOVA, L.V.; KARPENKO, L.V.; KLEPIKOV, L.N.; KOTRELEV, S.V.; LUK'YANOV, N.I.; MEL'NIKOV, N.V., prof., obshchiy red.; MKRTYCHAN, A.A.; NEMTINOV, A.M.; POGOSYANTS, V.K.; SEMIZ, M.D.; SKOBLO, G.I.; SLÓBODCHIKOV, P.I.; SMIRNOV, V.M.; SUSHCHENKO, A.A.; SOKOLOVSKIY, M.M.; TRET'YAKOV, K.M.; FISH, Ye.A.; TSOY, A.G.; TSYPKIN, V.S.; CHEKHOVSKOY, P.A.; CHIZHIKOV, V.I.; ZHUKOV, V.V., red.izd-va; KOROVENKOVA, Z.L., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Prospects for the open-pit mining of coal in the U.S.S.R.; studies and analysis of mining and geological conditions and technical and economic indices for open-pit mining of coal deposits] Perspektivy otkrytoi dobychi uglia v SSSR; issledovanie i analiz gornogeologicheskikh uslovii i tekhniko-ekonomicheskikh pokazatelei otkrytoi razrabotki ugol'nykh mestorozhdenii. Pod obshchei red. N.V.Mel'nikova. Moskva, Ugletekhizdat, 1958. 553 p. (MIRA 11:12)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy proyektnyy institut "Tsentrogiproshakht." 2. Chlen-korrespondent AN SSSR (for Mel'nikov).

(Coal mines and mining)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

MASKIN, Manuil Gavrilovich; NEMTINOV, Aleksandr Mikheyevich; SKLYAR, P.T., otv. red.; KACHALKINA, Z.I., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Coal quality control in underground and open pit mines] Kontrol' kachestva uglei na shakhtakh i razrezakh. Izd.2., perer. i dop. Moskva, Nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 215 p. (MIRA 14:11)

(Coal mines and mining--Quality control)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTINOV, B.A.

BAKAKIN, V.P.; BUBOK, K.G.; BUGAREV, L.A.; BUNIN, A.I.; VOROB'EV, K.V. DROZDOV, V.V.; DOROKHOV, M.S.; ZUBRILOV, S.V.; IGNAT'EV, L.A. KARGOPOLOV, I.G.; KLUSHIN, D.N.; KOMAROV, A.M.; KURILOV, M.S.; LOMAKO, P.F.; MIKULENKO, A.S.; MIKHAYLOV, M.M.; NEMTINOV, B.A.; OL'KHOV, N.P.; OSIPOVA, T.V.; PAKHOMOV, Ya.D.; PLAKSIN, I.N.; POGCHAYNOV, S.F.; PUSTYL'NIK, I.I.; ROZHKOV, I.S.; SAVARI, Ye.A.; SEMYNIN, A.P.; SPIVAKOV, Ya.N.; STRIGIN, I.A.; SUSHENTSOV, S.N.; SYCHEV, P.S.; TROITSKIY, A.V.; USHAKOV, K.I.; KHARLAMOV, A.Ye.; SHEMYAKIN, N.I.

Nikolai Konstantinovich Chaplygin. TSvet. met. 28 no.2:57-58 Mr-Ap '55. (MIRA 10:10)

(Chaplygin, Nikolai Konstantinovich, 1911-1955)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTINOV, Ya.

NEMTINOV, Ya., shofer.

Transporting large blocks. Za rul. 14 no.3:10-11 Je '56. (MIRA 11:2)

1. 9-ya avtobaza Glavmosavtotrans.
(Building materials--Transportation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

POPOV, V.K.; NEMTSE-PETROVSKIY, V.M.

Calculating the lithological factor in determining the gas-saturation coefficient of rocks from the data of applied geophysics. Razved. i prom. geofiz. no.38:107-111 '60. (MIRA 14:3)
(Krasnodar Territory—Electric prospecting)
(Gas, Natural)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, A.

Work of the Voznesensk truck fleet in transporting sugar beets.
Avt. Transp. 34 no.8:29 Ag '56. (MLRA 9:10)

(Voznesensk--Transportation, Automotive)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

S/114/62/000/008/003/006
E194/E455

AUTHORS: Tarnopol'skiy, Yu.Ya., Engineer, Nemtsev, A.D., Engineer

TITLE: Model blades of plastic grade АСТ-Т (AST-T)

PERIODICAL: Energomashinostroyeniye, no.8, 1962, 26-27

TEXT: In 1959, the KhTGZ im. Kirova commenced making blades for turbine models of acrylic plastic grade AST-T (the initials denote acrylic, self-hardening, technical) for which the ratio of ultimate tensile strength to specific gravity equals 605×10^3 kgm/kg. The ultimate strength (kg/cm^2) is: in tension 600 to 800; in bending 800 to 1200; in shear 460.. The impact strength, kgm/cm^2 equals 0.12 and the specific gravity 1.16 to 1.18 g/cm^3. The operating temperature is up to 60°C. The pattern blade is made of steel, duralumin or brass, the press mould of Woods metal. A 3:1 mixture of plastic polymer powder and fluid is pressed at 35 to 40°C for 10 min. One mould can make 100 blades. The scatter of blade thickness did not exceed 0.04 to 0.06 mm. The blade surfaces were polished after moulding. One of several examples mentioned is a compressor runner 200 mm

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

Model blades of plastic ... S/114/62/000/008/003/006
E194/E455

diameter; the T-shaped roots of the plastic blades were secured in the slots with carbonyl adhesive. In overspeed tests the blades failed at 16000 rpm which corresponds to calculations. The blades ran for a total of four hours with a maximum peripheral speed of 168 m/sec. Moisture and dirt in the works compressed-air supply sometimes eroded the leading edges of the blades and in future it is proposed to clean the air. For a model compressor with an external diameter of 250 mm, blades made from plastic are about one tenth of the cost of blades made of steel grade 1X13 (1Kh13) by the usual works methods and cost between a half and a third that of blades cast of aluminium alloys. The saving is due to the simplicity of manufacture rather than the cheaper material. The only practical limitation is that the operating temperature should not exceed 60°C. There are 3 figures.

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, A.; ABRAMOV, A., inzhener-tekhnolog

Semiautomatic welding with use of ceramic flux. Mor.flot. 20 no.8:34-35 Ag '60. (MIRA 13:8)

1. Nachal'nik svarochnoy laboratorii Odesskogo sudoremontnogo zavoda No.1 (for Nemtsev). 2. Odesskiy sudoremontnyy zavod No.1 (for Abramov).
(Electric welding) (Flux (Metallurgy))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, A.; LEMEKHOV, G., inzh.-tekhnolog.

Semiautomatic stud welding. Mor. flot 20 no.9:34 S '60.
(MIRA 13:9)

1. Nachal'nik svarochnoy labratorii Odesskogo sudoremontnogo zavoda No.1 (for Nemtsev). 2. Svarochnaya labratoriya Odesskogo sudoremontnogo zavoda No.1 (for Lemekhov).
(Ships--Maintenance and repair)
(Electric welding)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

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21092
S/135/61/000/005/004/011
A006/A101

AUTHOR: Nemtsev, A. V., Engineer

TITLE: Comparing some methods of semi-automatic welding with an open arc of low carbon steel

PERIODICAL: Svarochnoye proizvodstvo, no. 5, 1961, 11 - 13

TEXT: Under the supervision of Academician K.K. Khrenov of AS UkrSSR, the author investigated three methods of semi-automatic welding, i.e., welding in carbon dioxide, welding with magnetic flux feed by a carbon dioxide flow, and welding with a batch of flux and carbon dioxide supplied to the welding area. These methods are economical since special electrode wire is not needed when welding low-carbon steels. All the experiments were made with low-carbon St.3 and St.4 grade steels and 2 mm diameter welding wire. Welding was performed on d-c of reverse polarity, by manual process using semi-automatic adapters. Oscillogramming, filming and determining the effect of welding parameters on the shape of weld joints was made by fastening the adapter to the trolley of the АДС -500 (ADS-500) semi-automatic machine. For welding in carbon dioxide Св -10ГС (Sv-10 GS) wire was used, and Св -08А (Sv-08A) wire and ИМФ-20 (IMF-20) magnetic flux for the other methods. The flux was composed by the author. The composition is

Card 1/6

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

21092

Comparing some methods of semi-automatic welding... S/135/61/000/005/004/011
A006/A101

given in Table 1. The welding process is mainly characterized by its efficiency. The dependence of coefficients of building up and fusion on the welding current are shown in figures 1 and 2, the dependence of the shape of the weld joint on the current is illustrated in figure 3. The chemical composition of the built-up metal is considerably affected by the arc voltage. At 360 - 400 amp current, best results are obtained at 28 - 32 v (in carbon dioxide) and 34 - 36 v (with magnetic flux). Strength characteristics obtained are given in table 2 and results of checking the toughness of the weld metal are shown in Fig. 5. It was found that highest efficiency and penetration depth were assured by welding with magnetic flux feed by carbon dioxide, producing joints of sufficiently high quality. Welding with magnetic flux is also highly efficient. The method can be recommended for welding low-carbon steels due to the simplicity of the semi-automatic installation and the econmical advantages of the process. Welding in carbon dioxide is sufficiently efficient and economical and can be used for welding low-carbon steels due to the satisfactory properties of the built-up metal. There are 2 tables and 5 figures.

ASSOCIATION: Odesskiy sudoremontnyy zavod no. 1 (Odessa Ship Repair Plant no.1)

Card 2/6

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

21092

Comparing some methods of semi-automatic welding... S/135/61/000/005/004/011
A006/A101

Table 1:

Flux components	Content in %
Marble (GOST 4416 - 48)	41
Quartz (GOST 4417 - 48)	9
Fluorspar (GOST 4421 - 48)	12
Ferrotitanium Ti1 (GOST 4761 - 54)	12
Ferromanganese MnO, Mn1 (GOST 4755 - 49)	3
Ferrosilicon Si 75 (GOST 1415 - 49)	1
50% Ferroaluminum	3
Iron powder	19
Liquid sodium glass, class A, modulus 2.8 density 1.35	18% of the weight of dry components

Card 3/6

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

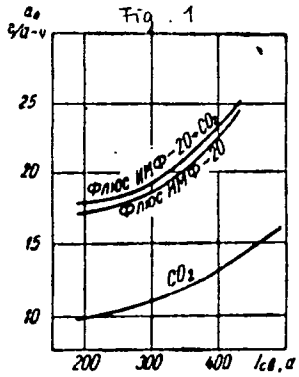
21092
S/135/61/000/005/004/011
A006/A101

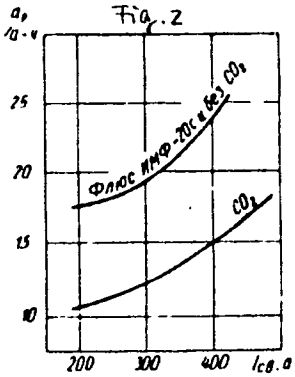
Comparing some methods of semi-automatic welding...

Figure 1:

The dependence of building-up coefficient a_n on current D-c of reverse polarity; 30-35 v arc voltage.

Figure 2: Dependence of the coefficient of fusion a_r on current. D-c of reverse polarity, arc voltage 30-35 v.





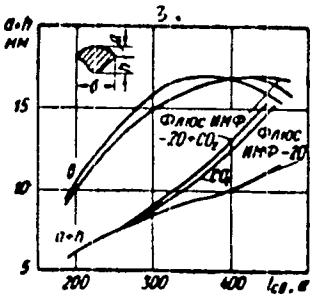


Figure 3: Dependence of the shape of weld on the current. D-c of reverse polarity welding speed 16 m/h.

Card 4/6

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

21092
S/135/61/000/005/004/011
A006/A101

Comparing some methods of semi-automatic welding...

Table 2:

Welding method	σ_B in kg/mm^2	σ_T in kg/mm^2	δ in%	a_H in kgm/cm^2
IMF - 20 flux	49 - 55	36.0 - 38.5	23 - 26	11.6 - 12.5
IMF - 20 flux with carbon dioxide	48 - 52	34.0 - 38.0	23 - 26	10.5 - 11.8
Carbon dioxide	45 - 46.5	25.0 - 26.5	22 - 24	9.2 - 10.1

Card 5/6

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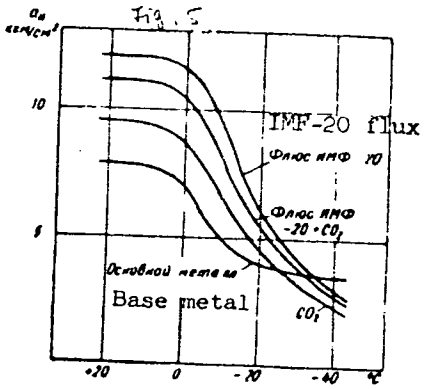
"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

21092
S/135/61/000/005/004/011
A006/A101

Comparing some methods of semi-automatic welding...

Figure 5:

Toughness of weld metal at different temperatures.



Card 6/6

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

S-[illegible]
A.61/A.[illegible]

AUTHOR: Nemtsev, A. V.

TITLE: Semiautomatic welding [illegible]

PERIODICAL: Avtomaticheskaya [illegible]

TEXT: The mentioned welding [illegible] A.I. [illegible], is analogous with the Brown B[illegible] [illegible] in the U. S. under the name of [illegible] New Automatic Welding Development [illegible] 149, no. 4, 1-[illegible]. The [illegible] to find a suitable [illegible] of the A[illegible] SSR [illegible] St.4) steel. The properties [illegible] work of steel structures, i.e., [illegible] good shape, and the [illegible] constituents were determined, [illegible] tion is the following: 4.% [illegible] 1.% [illegible] 442 [illegible]

Card 1/[illegible]

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

[illegible] welding with mag [illegible]

[illegible]

glass [illegible]

[illegible]

[illegible] was [illegible]

[illegible] and [illegible]

[illegible]

may [illegible]

added [illegible]

welding [illegible]

was [illegible] kg/[illegible]

alternating [illegible]

the shape of welds was [illegible]

the wire. The experiments were [illegible]

Graphs show the stated effect [illegible]

voltage and welding speed. [illegible]

than is required in the submerged [illegible]

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

S/125/61/000/005/012/016
A161/A127

Semiautomatic welding with magnetic ceramic flux

1) The method is high-productive; 2) IMF-20 flux may be used in combination with the welding wire grades Св-08 (Sv-08) and Св-08 (Sv-08A) for welding low-carbon steel (St.3, St.4); 3) Welding with magnetic flux is economical in view of the low flux consumption, and welding is possible in horizontal, vertical and inclined position; 4) The arc is clearly visible, therefore the method is suitable for welding short and figured seams in repair work. There are 4 figures, 3 tables and 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: A Review of New Automatic Welding Developments in the USA, "Welding and Metal Fabrication", 149, no. 4, 1955.

ASSOCIATION: Odesskiy sudoremontnyy zavod (Odessa Ship Repair Plant)

SUBMITTED: September 9, 1960

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, A.

Semiautomatic open-arc welding. Mor.flot 21 no.3:28-29 Mr '61. (MIRA 14:6)

1. Nachal'nik svarochnoy laboratorii Odesskogo sudoremontnogo zavoda No.1.
(Electric welding)
(Ships—Maintenance and repair)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

KOYTIKH, Boris L'vovich; MITROKHIN, Gleb Aleksandrovich; NEMTSEV, Anatoliy Viktorovich. Prinimali uchastiye: ABRAMOV, A.G.; LEMEKHOV, L.K.; SAMOILOVICH, T.A., red.; KLAPTSOVA, T.F., tekhn. red.

[New welding processes in ship repairs]Novye tekhnologicheskie protsessy svarki v sudoremonte. Moskva, Izd-vo "Morskoi transport," 1962. 55 p. (MIRA 15:9)
(Ships—Maintenance and repair) (Welding)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, F.L., inzh.

Automatic accounting in machinery plants. Mekh.i avtom. proizv. 16 no.10:41-43 O '62. (MIRA 15:11)
(Machinery industry—Accounting)
(Automation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, F.L., inzh.

Using electronic computers in mechanizing production management. Mekh.i avtom.proizv. 17 no.9:13-16 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, F.L.

Electronic system for intrafactory information transmission. Priborostroenie no.4:5-8 Ap '63. (MIRA 16:4)
(Electronic data processing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

GAL'BURT, A.; NEMTSEV, G.

Automatic starting devices. Avt. transp. 35 no.8:31-32 Ag '57. (MIRA 10:9)

1. Glavnyy inzhener avtotransportnoy kontory No.3 (for Gal'burt).
2. Mekhanik garazha Vladimirskogo raypotrebsoyuza Astrakhanskoy oblasti (for Nemtsev).

(Automobiles--Cold weather operation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV (G. A)

25(5) PHASE I BOOK EXPLOITATION SOV/2[illegible]

Vyrodov, Nikolay Vasil'yevich, and Georgiy Andreyevich Nemtsev

Uvelicheniye vypuska produktsii na sushchestvuyushchikh proizvodstvennykh ploshchadyakh; opyt zavoda prisposobleniy (Increasing Output Per Existing Production Space; Practice of a Plant Manufacturing Machine-tool Attachments) Moscow, 1958. 15 p. (Series: Peredovoy opyt proizvodstva. Seriya "Ekonomika i organizatsiya proizvodstva," vyp. 1) 5,000 copies printed.

Sponsoring Agencies: Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR, and Moskovskiy dom nauchno-tekhnicheskoy propagandy im. F.E. Dzerzhinskogo.

Ed.: G.Ya. Mett; Tech. Ed.: R.A. Sukhareva.

PURPOSE: This booklet is intended for industrial engineers.

COVERAGE: The authors briefly describe the organizational and technical measures adopted by the Moskovskiy zavod prisposobleniy (Moscow Plant for Machine-tool Attachments) which resulted in in-

Card 1/2

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Increasing Output Per Existing Production (Cont.) SOV/2286

creased productivity of both workers and equipment. The plant specializes in the production of self-centering lathe chucks ranging from 80 to 400 mm in diameter, four-jaw independent chucks 250 to 520 mm in diameter, pneumatically operated chucks 145 to 400 mm in diameter, hydraulic clamps, etc. No personalities are mentioned. There are no references.

TABLE OF CONTENTS: None given [the booklet is divided as follows]

Introduction 3

Changes in the Organization of Line Production of Lathe Chucks 5

Improvement of Production Technology 7

Introduction of Progressive Tooling 11

Replacement and Modernization of Equipment 13

Mechanization of Manual Operations 14

Conveying Devices and Mechanization of Auxiliary Operations 15

AVAILABLE: Library of Congress

Card 2/2

JG/bg

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

SHIKHOV, V.N.; ANISIMOV, V.A.; Prinimali uchastiye: MAKURIN, F.I.; NIKULINA, L.P.; TKACHEV, V.V.; NEMTSEV, I.I.; MIKHEYEVA, G.P.; GUSEV, V.P.; TARASOV, A.I.

Measures for the control of static electricity in rubber cement coaters. Kauch. i rez. 24 no.11:42-45 '65. (MIRA 1[illegible]

1. Ural'skiy politekhnicheskiy institut, Sverdlovsk, i Sverdlovskiy zavod rezinovykh tekhnicheskikh izdeliy.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, I. YE.

Bee Culture

My work in the apiary. Pchelovodstvo 29 No. 10, 1952.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

DANILOV, S.N., glav. red.; ZAKHAROVA, A.I., red.; ARBUZOV, A.Ye., red.; VVEDENSKIY, A.A., red.; VENUS-DANILOVA, E.D., red.; IOFFE, I.S., red.; KAVERZNEVA, Ye.D., red.; LUTSENKO, I.F., red.; MISHCHENKO, K.P., red.; NEMTSEV, M.S., red.; PETROV, A.A., red.; FREYDLINA, R.Kh., red.; SHEMYAKIN, M.M., red.; SHCHUKAREV, S.A., red.; YUR'YEV, Yu.K., red.

[Problems of organic synthesis] Problemy organicheskogo sinteza. Moskva, Nauka, 1965. 323 p. (MIRA 18:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

MOROZOV, V.I.; NEMTSEV, P.A.

Cleaning the pipes of an exhaust ventilation. Sbor.rats.predl. vnedr.v proizv. no.5:46 '60. (MIRA 14:8)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Cleaning machinery and appliances)
(Factories—Heating and ventilation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NIKITIN, Lev Ivanovich; GALEYEV, Valentin Sergeyevich; PENTEL'KOV, Grigoriy Ivanovich; NEMTSEV, P.F., red.

[Labor protection in the woodworking industries; manual for foremen] Okhrana truda v derevoobrabatyvaiushchei promyshlennosti; posobie dlia masterov. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 135 p. (MIRA 17:6)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

[redacted], P.V.

Formula for ionization potentials of atomic ions. Zhur.fis.khim. 29 no.6:1031-1032 Je '55. (MLRA 9:1)

1.Pecherskiy filial vsesoyuznogo ugol'nogo instituta, Vorkuta.
(Ionization)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, P.V.

Certain ionization-potential formulas for atomic ions. Zhur.fiz. khim. 29 no.7:1236-1239 Jl '55. (MLRA 9:3)
(Ionization)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Semen Dmitriyevich, mayor; TONKOV, A.A., red.; MUKHAMOVA, M.D., tekhn. red.

[Stronger than armour] Krepche broni. Moskva, Voenizdat, 1963. 44 p. (MIRA 16:6)

(Tanks(Military science))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, S.V.

VIROVETS, A.M., professor; BARVENKO, Ye.I., inzhener; BENDOVSKIY, M.K., inzhener; GORELKIN, L.F., inzhener; DRIATSKAYA, E.M., inzhener; ZELLICHENKO, L.B., inzhener; IVANOV, V.F., inzhner; KAMENSKIKH, I.G., inzhener; KOSINOV, M.Ya., inzhener; LARIN, D.A., inzhener; MAUERER, V. G. inzhener; NEMTSEV, S.V., inzhener; SOLOV'YEVA, M.V., inzhener; PISHKIN, V.N.; [redacted], redaktor; SHLENSKIY, I.A., tekhnicheskiy redaktor.

[Tables of the rectangular coordinates of map frame angles and of map frame and area dimensions of trapezoids of topographic surveys, using the scale 1:5000; for latitudes 36°- 68°. Krasovskii's ellipsoid] Tablitsy priamougol'nykh koordinat uglov ramok, razmerov ramok i ploshchadei; trapetsii topograficheskikh s"emok masshtaba 1:5000. Dlia shirot ot 36°- 68°. Ellipsoid Krasovskogo. Moskva, Izd-vo geodezicheskoi lit-ry, 1953. 909 p. (MIRA 8:4)
(Surveying--Tables, etc.) (Coordinates) (Trigonometry--Tables, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

IVANOV, Vitaliy Fedorovich; NEMTSEV, Sergey Vasil'yevich; SHAMAROVA, T.A., redaktor izdatel'stva; KUZ'MIN, G.M., tekhnicheskiy redaktor

[Organization and planning of topographical, geodetic and cartographic work] Organizatsiia i planirovanie topografo-geodezicheskogo i kartograficheskogo proizvodstva. Pod obshchei red. S.V.Nemtseva. Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 186 p. (MLRA 10:2)
(Surveying)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, S.V.

Technically sound standards of production in topographic geodetic work. Geod. i kart. no.1:40-43 Ja '57. (MLRA 10:3)
(Surveying)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

Nemtsev, S. V.

6-1-15/16

AUTHOR: Pavlov, V. F.

TITLE: On the Book by V. F. Ivanov and S. V. Nemtsev: "Organization and Planning of the Topographical-Geodetical and Cartographical Production" (O knige V. F. Ivanova i S. V. Nemtseva "Organizatsiya i planirovaniye topografo-geodezicheskogo i kartograficheskogo proizvodstva)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 1, pp. 75 - 77 (USSR)

ABSTRACT: Published at the end of 1957. This book was admitted as a textbook for teaching at the topographical and technical institutes by the division of the schools at the GUGK MVD USSR (Central Office for Geodesy and Cartography in the Ministry of the Interior of USSR). A criticism is practized here point by point and the faults in the book are pointed out. A thorough revision is recommended for the case of a new edition.

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Card 1/1

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

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9.4300 (3005, 1164, 1385)
26.2421

21590
S/109/60/005/010/013/031
E032/E114

AUTHORS: Nakhodkin, N.G., and Nemtsev, V.P.

TITLE: Electron properties of thin films of germanium

PERIODICAL: Radiotekhnika i elektronika, Vol.5, No.10, 1960, pp. 1669-1671

TEXT: This paper was read at the 9th All-Union Conference on Cathode Electronics in Moscow October, 1959.
The aim of the present work was to investigate the electrical conductivity of thin germanium films of various thicknesses and changes in the electrical conductivity due to heat treatment, oxidation, etc. In distinction to previously published work, the present authors state that they have carried out their measurements in "ultra-high vacuum" ($p \leq 1 \cdot 10^{-8}$ mm Hg). In ordinary vacua one always obtains p-type germanium films (owing to contamination by residual gas), while in ultra-high vacua n-type germanium films can be obtained. In the present experiments n-type germanium films with $\rho = 26.2$ ohm cm were obtained. A special glass envelope was made which was used to measure the resistance of 12-13 films obtained in a single evaporation run. Silver contacts

Card 1/4

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21590

Electron properties of thin films S/109/60/005/010/013/031
E032/E114

were employed and the thickness of the films was determined by calculation from the geometry and weight of the specimens. Fig.1 shows the logarithm of the resistivity as a function of thickness (microns) In this figure curve 1 refers to a freshly evaporated layer, curve 2 is for a specimen a few days old curve 3 was obtained after heating at 300 °C for one hour curve 4 after heating at 450 °C for one hour, and curve 5 after exposure to air. Fig.2 shows dependence of 1/ρ1 on log d (1 - fresh deposit of Ge; 2 - oxygen atmosphere at 5 x 10^{-7} mm Hg for 15 min. 3. 4. 5 - further exposure to oxygen). It is seen that a linear relationship is obtained between these two quantities for the freshly deposited film. It is concluded (in accordance with the J.Thomson theory, Ref.4) that freshly deposited germanium films are continuous and uniform right up to 10 mμ. since the change in the resistivity with thickness can be explained by the scattering of current carriers at the surface. This is confirmed by the fact that heating, oxygenation, etc. lead to a departure from the linear relationship. The mean free path of the current carriers in freshly deposited films of Ge was found to be approximately 100 mμ, which is in agreement with the value calculated from the mobility. Card 2/4

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S/109/60/005/010/013/031
E032/E114

Electron properties of thin films of germanium

There are 2 figures, 1 table and 5 references: 3 Soviet and 2 non-Soviet.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko (Kiyev State University imeni T.G. Shevchenko)

SUBMITTED: December 21, 1959

Card 3/4

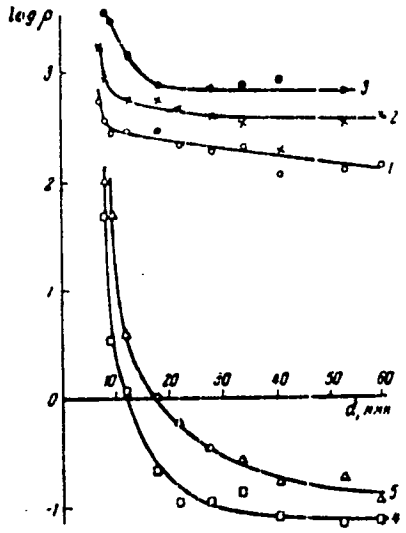
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

21590

S/109/60/005/010/013/031
E032/E114

Electron properties of thin films ...



Card 4/4 Fig. 1

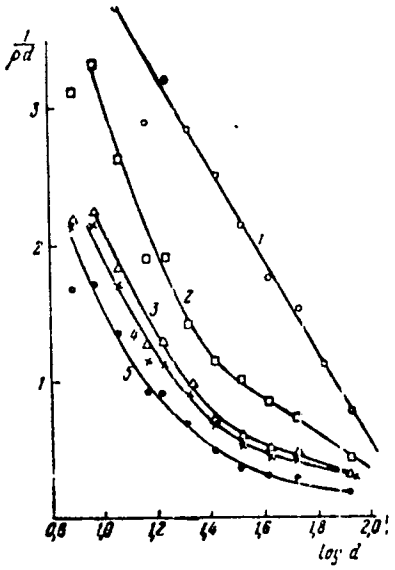


Fig. 2

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18.7530 1521 1043 1145 1160

S/120/61/000/004/016/034
E032/E.14

AUTHORS: Nakhodkin I G and Nemtsev V P

TITLE: A device for the investigation of the electrical properties of thin films as a function of their thickness

PERIODICAL: Pribory i tekhnika eksperimenta 1961 No 4, pp.113-116

TEXT: The device described in the present paper may be used to obtain thin films of metals and semiconductors at a pressure of $\sim 10^{-9}$ mm Hg, and to measure their electrical conductivity and other parameters. The electrical conductivity may be measured at twelve points corresponding to different thicknesses of the wedge-shaped film. The temperature of the target upon which the variable-thickness film is deposited may be maintained at a constant temperature in the range between the liquid hydrogen temperature and $\sim 300°C$ The experimental tube was based on the principle put forward by N. D. Morgulis and S A Vekshinskiy (Ref.2: N. D. Morgulis Dopovidi sichnevoi sesii AN UkrSSR, 1942, 2 215. C A Vekshinskiy Novyy metod metallograficheskogo issledovaniya splavov (New Method of Metallographic Investigation

Card 1/4

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

A device for the investigation of S/120/61/000/004/016/034
E032/E514

of Alloys) 1944) The substance under investigation is evaporated onto a sectionalized dielectric target with metal contacts. The method has the advantage that the vacuum remains the same throughout the thickness of the deposit can be determined quite easily, and the entire experiment is carried out in a sealed-off tube within which a low residual pressure can be maintained. Fig.1 shows a schematic drawing of the device. The target is made of glass and consists of separate 10 x 4 x 1 mm^3 plates sealed to a glass support so that the "wedge" of the evaporated material is divided into separate parts Each of the plates carries silver contact wires. The tube is carefully outgassed and evacuated (Alpert gauge, titanium pump special cooled getter) Provision is made for measuring the contact potential difference relative to a tungsten wire the thermal e m f (in the case of semiconductors) the sign of the current carriers, etc. The thickness of the film can be calculated as described in Ref 2 and also determined directly after releasing the vacuum by means of the Linnik interferometer as described in Ref.4 (M P Lisitsa G N Tsvelykh Zavodsk laboratoriya 1959 31 1072) Fig.3 shows the logarithm of the

Card 2/4

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29635

A device for the investigation of ... S/120/61/000/004/016/034
E032/E514

resistivity of beryllium as a function of thickness (mμ). Curve 1 refers to a freshly deposited layer at 90°K, curve 2 refers to a fresh layer heated to room temperature and curves 3 and 4 refer to the "equilibrium film" (470°K and 90°K, respectively). There are 4 figures and 7 references: 6 Soviet and 1 non-Soviet. The English-language reference reads as follows: (Ref.6: J. Thomson, Proc. Camb. Phil. Soc. 1901, 11, 120; K. Fuchs, Ibid, 1938, 34, 100; E. Sondheimer, Adv. Phys., 1952, 1,1).

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet (Kiyev State University)

SUBMITTED: September 13, 1961

Legend to Fig.1

A - source of oxygen, - cooled tube (getter), - connection to titanium pump and Alpert gauge, - cooled cylinder with the deposited material, - evaporator with movable shutter, E - electron gun for measuring the potential difference.

Card 3/4

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, V.V.

RODIONOV, M.A. (Leningrad); NEMTSEV, V.V.

Biology of the partridge. Priroda 43 no.12:110-111 D '54. (MLRA 8:1)

1. Darvinskiy gosudarstvennyy zapovednik (for Nemtsev).
(Leningrad Province--Partridges) (Vologda Province--Partridges)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, V. V.

NEMTSEV, V. V. -- "Water Birds of the Rybinsk Reservoir and Methods of Their Economic Control." Zoological Inst, Acad Sci USSR. Academic Council. Leningrad, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis', No 1, 1956, pp 102-122, 124

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F., inzhener.

On a feed pump drive for high voltage installations operating in power systems. Teploenergetika 4 no.9:93-94 S '57. (MIRA 10:8)
(Turbogenerators)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F.

Calculating technical and economical indices for heat and electric power plants. Izv. TPI 89:122-126 '57. (MIRA 10:12)
(Power engineering)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

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[illegible] Z.F., Cand [illegible] -- [illegible] "[illegible] ~~[illegible]~~ [illegible]
of the economic [illegible] of [illegible]
[illegible] y [illegible] conditions." [illegible]
[illegible] [illegible] [illegible]
[illegible] Kirov [illegible]

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

SOV/91-58-2-6/31

AUTHOR: Nemtsev, Z.F., Engineer

TITLE: Cooling of the Tail Section of Turbines Operating With a Lowered Vacuum (Okhlazhdeniye khvostovoy chasti turbin, rabotayushchikh s ukhudshennym vakuumom)

PERIODICAL: Energetik, 1958, Nr 2, p 10-12 (USSR)

ABSTRACT: There are many medium capacity condensation turbines which pass to operation with a lowered vacuum. In order to decrease the dangerously high temperature rise of the steam in the turbine's tail section, a new system of cooling has been developed by the author and a thermoelectric power plant in Bashkiriya. The essence of the new system consists in injecting condensed water thru appropriate holes into the exhaust section.

Card 1/2

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SOV/91-58-2-6/32

Cooling of the Tail Section of Turbines Operating With a Lowered Vacuum

Thus the network water in the condenser can be heated to 88 to 90°C, and the heating capacity of the power plant increases. There are 3 diagrams, 1 schematic diagram and 2 Soviet references.

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

AUTHOR: Nemtsev, Z.F., Engineer 96-58-2-1/23

TITLE: On the Principles of Distribution of Heat-Supply (District Heating) Load in the Conditions of a Modern Power System (O printsipakh raspredeleniya teplofikatsionnoy nagruzki v usloviyakh sovremennoy energosistemy)

PERIODICAL: Teploenergetika, 1958, No 2, pp 34-36 (USSR)

ABSTRACT: This is a theoretical article on the rational distribution of heat-supply loads between sets with different initial steam conditions. Previous work on the correct distribution of heat-supply load is based on maximum electric power generation; this basis cannot always be valid in the conditions of a power system. The principle is maintained when the initial steam conditions are the same in sets working in parallel. However, it often happens that medium- and high-pressure sets work in parallel and the high-pressure set is the more efficient. In such cases, the principle of obtaining the maximum quantity of electric power for the given heat load is not always applicable. A sounder principle of load distribution is to obtain the least loss of heat from the turbine condensers. Equations are then derived for the heat balance during the generation of electricity. The formulae that are derived are not applicable to all the cases that are met in practice but cover only the most important

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

On the Principles of Distribution of Heat-supply (District Heating) Load in the Conditions of a Modern Power System 96-58-[illegible]

conditions. It does not follow from the formulae and the calculations that it is always more advantageous to load first the medium-pressure pass-outs of the turbines rather than the high-pressure pass-outs. A number of particular examples are discussed in the article. The examples were selected only with the object of showing the partial applicability of the principle of generating the maximum quantity of electric power for a given thermal load. Therefore, they ignore differences in the internal relative efficiencies of turbine and boilers, differences in vacuums and so on. If these factors are taken into account, it is found that they are decisive in some cases. As a power system develops, it becomes a very difficult matter to calculate the best distribution of heating load.
There are 6 Russian references.

ASSOCIATION: Gorenergoproyekt

AVAILABLE: Library of Congress

Card 2/2

1. Heat-Distribution 2. Power systems-Theoretical analysis

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F., insh.

Using reduced live steam instead of steam bled from turbines.
Energetik 6 no. 1:10-12 Ja '58. (MIRA 11:5)
(Steam engineering)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F., kand.tekhn.nauk; KISEL'NIKOVA, G.Ye., inzh.

Concerning the determination of optimum vacuum for the central pumps of electric power plants. Elek. sta. 32 no.11:28-29 N '61. (MIRA 14:11)

(Electric power plants)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F., kand.tekhn.nauk

Method of determining the nominal heating of water in preheaters. Teploenergetika 9 no.11:32-33 N '62. (MIRA 15:10)

1. Gorenergo.
(Steam turbines--Testing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F.; ROMANOV, V.A.

Effect of starting expenditures on the economic operation of pick-load electric power stations. Trudy NPI 139:43-47 '62. (MIRA 16:6)

(Electric power stations)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F., kand. tekhn. nauk; ROMANOV, V.A., inzh.

Method for determining the optimum vacuum of condensing turbines in a modern power system. Teploenergetika 11 no.8:13-16 Ag '64. (MIRA 18:7)

1. Novocherkasskiy politekhnicheskiy institut.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEV, Z.F., kand. tekhn. nauk; ROMANOV, V.A., inzh.

Calculation of an effective vacuum for large central heating turbines in an electric power system. Elek. sta. 35 no.7:52-56 Jl '64. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

L 41703-66 EWT(d)/EWT(1) GW/BC

ACC NR: AP6019582 (N) SOURCE CODE: UR/0115/66/000/004/0083/0084

AUTHOR: Nemtsev, Z. F.; Nemtseva, L. I.; Marfutin, I. V.

ORG: none

47

B

TITLE: Two-liquid hydrostatic differential altimeter

SOURCE: Izmeritel'naya tekhnika, no. 4, 1966, 83-84

TOPIC TAGS: altimeter, liquid level instrument, measuring instrument, temperature dependence

ABSTRACT: The proposed hydrostatic altimeter is based on the principle of interconnecting vessels. One liquid is poured over the other in each of the connecting vessels. When both vessels are at the same level, the heavy and light liquids are also at equal levels. When one vessel drops below the other, more of the heavy liquid is transferred to the lower vessel and the difference of the levels of the light fluid is amplified relative to that of the heavy one and serves as a sensitive measure of any tilt angle. Equations are derived for the level differential as a function of the temperature and densities of the liquids, and the measurement errors are estimated. The calculations demonstrate that a two-liquid altimeter increases the accuracy and sensitivity of the measurements and can be used in cases when small deviations from horizontality, planarity, and linearity are to be measured, such as in machine building, astronomy, geodesy, automation, erection work, and similar applications. Orig. art. has: 1 figure and 8 formulas.

SUB CODE: 14/ SUBM DATE: 00

Card 1/1 UDC: 681.2: 531.717

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, A., inzh.

Twenty years of the Lithuanian grain milling industry. Muk.-elev.prom. 26 no.7:16 Jl '60. (MIRA 13:8)

1. Glavnoye upravleniye khleboproduktov pri Sovete Ministrov Litovskoy SSR.
(Lithuania--Grain milling)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

MERTSEVA, Anna Petrovna; MELNYEV, A.S., redaktor; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Method of welding with electrode bundles at the "Paris Commune" ship repairing plant] Opyt primeneniia metoda svarki puchkom elektrodov na sudoremontnom zavode imeni Parizhskoi Kommuny. Moskva, Izd-vo "Morskoi transport," 1955. 26 p. (MLRA 9:3)
(Electric welding)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, E., inzhener.

Vulcanization of welding conductors. Mor.flot 17 no.1:22 Ja '57. (MLRA 10:3)

1. Sudoremontnyy zavod im. Parizhskoy Kommuny.
(Vulcanization)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, E.P., inzh.

Nitrogen-flux arc cladding low-carbon steel with KMts3-1 bronze. Sudorem. i sudostr. no.2:179-187 '63. (MIRA 17:4)

1. Odesskiy institut inzhenerov morskogo flota.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

BIBIKOV, Nikolay Nikolayevich; LUKTSEVA, F.Ye., inzh., retsenzent; VYACHESLAVOV, P.M., dotsent, kand. khim. nauk, red.; BRILIKHES, S.Ya., kand. tekhn. nauk, red.; YAMPOL'SKIY, A.M., inzh., red.; SIMONOVSKIY, N.Z., red. izd-va; SOKOLOVA, L.V., tekhn. red.

[Electroplating with a periodic reverse current] Gal'vanicheskie pokrytiia na toke peremennoi poliarnosti. Pod obshchei red. P.M. Viacheslavova. Moskva, Gos. nauchno-tekhn. izd-vo mashino-stroit. lit-ry, 1958. 47 p. (Bibliotechka gal'vanotekhnika, no.10). (Electroplating) (MIRA 11:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

YAMPOL'SKIY, Anatoliy Mikhaylovich, inzh.; NEMTSEVA, F.Ye., inzh., retsenzent; VYACHESLAVOV, P.M., kand. khim.nauk, dots., red.; GRILIKHES, S.Ya., kand. tekhn. nauk, red.vypuska; FOMICHEV, A.G., red. izd-va; BORDINA, A.A., tekhn. red.

[Copper plating and nickel plating] Mednenie i nikelirovanie. Izd.2., dop. i perer. Pod red. P.M.Viacheslavova. Moskva, Mashgiz, 1961. 57 p. (Bibliotechka gal'vanotekhnika, no.4) (MIRA 14:12)
(Copper plating) (Nickel plating)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

S/081/63/000/004/010/0[illegible]
B193/B180

AUTHORS: Khudyakova, T. A., Kostrova, L. I., Belousova, Z. S.

TITLE: Automatic time-conductometric analysis of a mixture of hexamethylenediamine and hexamethylenemamine

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 156, abstract 4Z160 (Tr. po khimii i khim. tekhnol. (Gor'kiy), no. 4, 1961, 772 - 774)

TEXT: An automatic time-conductometric method of analyzing a mixture of hexamethylenediamine (I) and hexamethylenemamine (II) has been developed, the basic principle of which has been described in RZhKhim, 1959, no. 7, 22975. The content of II is determined by conductometric titration of the mixture with an aqueous solution of HCl in the presence of salecyl aldehyde (III). I forms a compound with III which cannot be titrated by the acid. Titration of the mixture of I and II in the absence of III is used to determine the total content of I and II, the content of I being calculated from the difference between the two titrations. The analysed sample ~3.5 g in weight is dissolved in water in a 100 ml measuring flask (solution A).

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

Automatic time-conductimetric analysis... S/081/63/000/004/010/051
B193/B180

20 ml ethanol, 3.5 ml III, 10 ml sol. A and 40 ml water were placed in the bath of the conductimeter and titrated time-conductimetrically for 15 min with 0.05 - 0.07 N sol. HCl. The equivalence point was determined from the salient point in the potential (mv) v. time (sec) titration curve, 10 ml sol. A was transferred to a 100 ml measuring flask and water added up to the mark (sol. B). 10 ml sol. B and 40 ml water were placed in the conductimeter bath and titrated for 0.5 min with the same sol. HCl. The error of the determination was < 2.5%; the analysis took 30 - 35 min. [Abstracter's note: Complete translation.]

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, [illegible]; SEMENOV, A.D.; LATSKO, V.G.

Microdetermination of volatile amines escaping from natural waters with water vapor. Zhur. anal. khim. 19 no.[illegible]:383-385 '64. [illegible]MIRA 17:9.

1. Gidrokhimicheskiy institut AN SSSR, Novocherkassk.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

KHUDYAKOVA, T.A.; NEMTSEVA, L.I.; BALANDINA, M.A.

Chronoconductometric determination of ethylene oxide in the presence of methacrylic acid and iron salts. Zhur.prikl. khim. 35 no.4:824-827 Ap '62. (MIRA 15:4)

1. Gor'kovskiy politekhnicheskiy institut, kafedra analiticheskoy khimii.

(Ethylene oxide) (Conductometric analysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

L 41703-66 EWT(d)/EWT(1) GW/BC (N) SOURCE CODE: UR/0115/66/000/004/0083/0084

ACC NR: AP6019582

47

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AUTHOR: Nemtsev, Z. F.; Nemtseva, L. I.; Marfutin, I. V.

ORG: none

TITLE: Two-liquid hydrostatic differential altimeter

SOURCE: Izmeritel'naya tekhnika, no. 4, 1966, 83-84

TOPIC TAGS: altimeter, liquid level instrument, measuring instrument, temperature dependence

ABSTRACT: The proposed hydrostatic altimeter is based on the principle of interconnecting vessels. One liquid is poured over the other in each of the connecting vessels. When both vessels are at the same level, the heavy and light liquids are also at equal levels. When one vessel drops below the other, more of the heavy liquid is transferred to the lower vessel and the difference of the levels of the light fluid is amplified relative to that of the heavy one and serves as a sensitive measure of any tilt angle. Equations are derived for the level differential as a function of the temperature and densities of the liquids, and the measurement errors are estimated. The calculations demonstrate that a two-liquid altimeter increases the accuracy and sensitivity of the measurements and can be used in cases when small deviations from horizontality, planarity, and linearity are to be measured, such as in machine building, astronomy, geodesy, automation, erection work, and similar applications. Orig. art. has: 1 figure and 8 formulas.

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UDC: 681.2: 531.717

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

BOCHKOV, N.P.; NEMTSEVA, L.S.

Application of the methods of tissue incubation in vitro to the study of mammalian karyotypes. TSitologiia 4 no.3:365-367 My-Je '62. (MIRA 16:3)

1. Laboratoriya genetiki Instituta eksperimental'noy patologii i terapii AMN SSSR, Sukhumi.
(CELL NUCLEI) (TISSUE CULTURE)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

[illegible], [illegible].S.

Aftereffect of [illegible] radiobiologiia 5 no. [illegible].

1. Institut biologicheskoy fiziki [illegible], Moskva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

ZHURAVLEV, G.I.; NEMTSEVA, M.F.

Analysis of solutions by means of spark discharge. Zhur. anal. khim. 19 no.12:1449-1458 '64 (MIRA 18:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, N.V.

Care of patients with myocardial infarction. Med.sestra no.4:18-19 Ap '54. (MLRA 7:5)

1. Starshaya meditsinskaya sestra terapevticheskogo otdeleniya bol'nitsy im. S.P.Botkina (Moscow).
(Heart--Infarction)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

patients.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, R. M. Cand Agr Sci -- (diss) "Assortment of ~~Arboreal~~ Tree and Shrub Species for the Saline Soils of ~~the~~ Irrigated ~~Plains~~ Agriculture in Southern Kazakhstan." Alma-Ata, 1957. 22 pp 20 cm. (Min of Agriculture USSR, Kazakh State Agricultural Inst), 125 copies (KL, 18-57, 97)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

USSR/Forestry - Forest Cultures. K.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15419

Author : R. M. Nemtseva

Inst :

Title : Forests on Slightly Saline Soils. (Lesnyye nasazhdeniya na zasolennykh pochvakh).

Orig Pub : S. kh. Kazakhstana, 1957, No 5, 20-24

Abstract : Salt resustant tree and shrub species were studied in the forest plantings of Alma-Atinskaya, Kzyl-Ordinskaya and South Kazakhstanskaya Oblasts. The soils of the rayons studied were chiefly represented by sierozem soils with varying degrees of salinity. On strongly solonchak clayey sierozem soils with a salt content up to 1.350%, Cl 0.052%, sulfates 0.505%, one finds growing quite well: oleaster, honey locust, Bolle's poplar, the white poplar, the black poplar, the feather branched and cork elms, and the white acacia.

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVA, R.M., kand.sel'skokhozyaystvennykh nauk

Kazakhstan workers carry on roadside landscaping. Avt.dor. 24 no.6:5-6 Je '61. (MIRA 14:7)
(Kazakhstan—Roadside improvement)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

SALMIN, L.V.; VASIL'EVA, A.V., GAL'PERIN, I.P.; NEMTSEVA, V.K.; LEBEDEVA, A.I.

Study of the effectiveness of typhoid fever vaccines epidemiologically. Zdrav.Turk. 6 no.4:8-12 Jl-Ag '62. (MIRA 15:8)

1. Iz Ashkhabadskogo instituta epidemiologii i gigiyeny (dir.-dotsent Ye.S. Popova) i Moskovskogo instituta vaktsin i syvorotok imeni I.I.Mechnikova (dir. A.N.Meshalova).
(TYPHOID FEVER--PREVENTIVE INOCULATION)

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[illegible]

[illegible]

[illegible] V.I.

[illegible]

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVITSKAYA, M.A.;GRACHEVA, A.P.

Urinary modification in PAS therapy. Probl. tuberk., Moskva no.5:70-71 Sept-Oct 1951. (CIML 21:2)

1. Of the Therapeutic Clinic of Ivanovo Oblast Clinical Hospital (Director -- Prof. L. I. Vilenskiy) and of the First Oblast Tuberculosis Sanatorium (Head Physician -- A. L. Brodskiy).

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NEMTSEVITSKAYA, M.A., kand.med.nauk; MARTYSHEVA, L.M.

Rare case of aleukia hemorrhagica. Vrach.delo no.5:525-527 My '59. (MIRA 12:12)

1. Kafedra fakul'tetskoy terapii (zav. - dotsent A.M. Yeliseyeva) Ivanovskogo meditsinskogo instituta i Oblastnaya klinicheskaya bol'nitsa.

(ANEMIA)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSEVEV, G.I., mladshiy nauchnyy sotrudnik

Visual perception time under normal conditions and in diseases of the optic nerve. Vop.neirooft. 8:5-48 '61. (MIRA 14:9)
(OPTIC NERVE--DISEASES) (PERCEPTION)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

1. NEMTSOV, A.I.

2. USSR (600)

4. Gardening

7. Pricking out seedling "by the ruler.", Sad i og. no. 3, 1953.

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

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSOV, A.V.

Comparative action of venoms excreted by Vipera lebetina and Naja tripudians upon certain vertebrates. Dokl.AN SSSR 107 no.3:485-487 Mr '56. (MLRA 9:7)

1.Pervyy Moskovskiy meditsinskiy institut. Predstavleno akademikom Ye.N.Pavlovskim.
(Venom)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

FAYVISHEVSKIY, V.A.; NEMTSOV, A.V.

Effect of the blood serum of schizophrenia patients on the electrical activity of the brain in experimental animals. Report No.2: Study on the blood serum of patients with the nuclear forms of schizophrenia. Zhur. nevr. i psikh. 65 no.2: 247-250 '65. (MIRA 18:9)

1. Laboratoriya neyrofiziologii i vysshey nervnoy deyatel'nosti (zaveduyushchiy K.K. Monakhov) Instituta psikhiatrii AMN SSSR, Moskva.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSOV, A.V.; FAYVISHEVSKIY, V.A.

Effect of blood serum from schizophrenics on the electrical activity of the brain in experimental animals. Report No.3: Multicomponent properties of the active factor of the blood serum from patients with periodic schizophrenia. Zhur. nevr. i psikh. 65 no.8:1197-1200 '65. (MIRA 18:8)

1. Laboratoriya neyrofiziologii i vysshey nervnoy deyatel'nosti (zaveduyushchiy K.K. Monakhov) Instituta psikhiatrii AMN SSSR, Moskva.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

NEMTSOV, B. A.

Dec 52

USSR/ Medicine - Veterinary, Foot-and-Mouth Disease

"The Use of Formalin in the Treatment of Foot-and-Mouth Disease," B.A. Nemtsov

Veterinariya, Vol 29, No 12, pp 29, 30

Advocates the application of a 0.5 to 1% sol of Formalin by means of a rubber bulb glass syringe to the oral cavity of an infected animal. Describes the procedure. Asserts that this method destroys the virus secreted with the saliva with beneficial effects on the over-all treatment.

Source #264T39

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

KALYUZHNYY, V.I.; NEMTSOV, B.B.; DUMASHOV, Yu.F., red.; SMIRNOVA, R.N., red. izd-va; KHENOKH, E.M., tekhn. red.

[Industrial enterprises of repair and construction organizations] Proizvodstvennye predpriiatiia remontno-stroitel'nykh organizatsii. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1961. 164 p. (MIRA 15:6)

(Building materials industry)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136530002-0

TREGUBOVA, B. L.; NEMTSOV, D. A.

Flax

Economic efficiency in combing flax. Tekst. prom., 12, No. 6, 1952.

Monthly List of Russian Accessions. Library of Congress. October 1952. UNCLASSIFIED.

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