

MAYMUSOV, I.G.

Surveying operations in redesigning a blast furnace. Geod.1
kart. no.10:59-62 0 '62. (MIRA 15:12)
(Blast furnaces--Design and construction)

MAYNAGASHEV, A.Ye.

Simultaneous operation of two SVPA drilling machines. Der.
prom. 8 no.6:26 Je '59. (MIRA 12:8)
(Woodworking machinery)

MAINATS, A. I.

BRUSKIN IA. M., MAINATS A. I.

Pamiatī professora IA. G. Gotliba. In memory of IA. G. Gotlib
Khirurgia, Moskva No. 6 June 51. P. 76-8.

1. Obituary.

OLML 20, 10, Oct. 51

KRASOVSKIY, I.I.; MAYNAYEV, M.S.

Melanomata of the liver. Vrach. delo no.8:128-130 Ag '61.

(MIRA 15:3)

1. Klinika gosspital'noy terapii No.1 (nachal'nik - deystvitel'nyy
chlen AMN SSSR, prof. N.S. Molchanov) Voenno-meditsinskoy ordena
Lenina akademii imeni S.M. Kirova).

(LIVER---TUMORS)

SEMENOV, Mikhail Vasil'yevich; MAYNGORD, S.A., red.; KRYUCHKOVA,
V.N., tekhn.red.

[Flat four-link hinged mechanisms (elementary analysis)]
Ploskie chetyrekhzvennyye sharnirnye mekhanizmy (v elemen-
tarnom izlozhenii). Moskva, Gos.izd-vo fiziko-matem.lit-ry,
1959. 130 p. (MIRA 12:8)
(Links and link motion)

KUCHERYAVYY, F.I., kand.tekhn.nauk; MAYNOV, V.I., gornyy inzh.;
SEMIGLAZOV, N.I.

Results of using "igdanite" in strip mines of the Balaklava
Mining Administration. Gor.zhur. no.12:23-24 D '63.
(MIRA 17:3)

1. Dnepropetrovskiy gornyy institut (for Maynov). 2. Na-
chal'nik Zapadno-Kadykovskogo rudnika Balaklavskogo rudo-
upravleniya (for Semiglazov).

KUCHERYAVYY, F.I., kand.tekhn.nauk; MAYNOV, V.I., inzh.; GROSHEV, A.S.;
TSIBULEVSKIY, A.I.

Using inclined boreholes in limestone quarries. Gor.zhur. no.3:31-
35 Mr '65. (MIRA 18:5)

1. Dnepropetrovskiy gornyy institut (for Kucheryavyy, Maynov).
2. Upravlyayushchiy Balaklavskim rudoupravleniyem (for Groshev).
3. Glavnyy inzh. Balaklavskogo rudoupravleniya (for TSibulevskiy).

KUCHERYAVYY, F.I., kand. tekhn. nauk; MAYNOV, V.I., inzh.; GROSHEV, A.S., inzh.

Effectiveness of using igdanite in the flux limestone quarries
of Crimea. Vzryv. delo no.57/14:240-244 '65.

(MIRA 18:11)

1. Dnepropetrovskiy gornyy institut (for Kucheryavyy, Maynov).
2. Balaklavskoye rudoupravleniye (for Groshev).

MAYNSKAYA, N.P.

Problem of cardiac tumors. Trudy ISGMI 40:315-318 '58.
(MIRA 12:8)

1. Fakul'tetskaya terapevticheskaya klinika Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.
klinikoy - prof.A.A.Kedrov).

(HEART, neoplasms,
lymphosarcoma, invasion from mediastinum (Rus))
(LYMPHOSARCOMA, case reports,
heart, invasion from mediastinum (Rus))
(MEDIASTINUM, neoplasms,
lymphosarcoma, invasion of heart (Rus))

PAUNESCU, C.; GEORGESCU, M.; ILIESCU, I.; ZAHAREANU, F.; MAYO, B.; STANCIU, St.;
LACRITIANU, V.; UDRESCU, St.; CIOARA, N.

Tonsillar disease and rheumatism in children; investigation in the
vicinity of Grivita Rosie (1951-1955). Probl. reumat., Bucur. no.5:
93-98 1958.

(RHEUMATISM, etiol. & pathogen.
relation to tonsillitis, in child., incidence in community
near Bucharest)

(TONSILLITIS, complications
rheum. in child., incidence in community near Bucharest)

SOKOLOV, N.S. (Magadanskaya oblast'); POPOV, V.M. (Magadanskaya oblast');
 DYMOV, K.M. (Magadanskaya oblast'); SHUVALOV, L.V. (Magadanskaya
 oblast'); MATSUYEV, L.P.; BONDARENKO, I.G. (Magadanskaya oblast');
 MAYO-ZNAK, Ye.S. (Magadanskaya oblast'); DZASOKHOV, Kh.B.
 (Magadanskaya oblast')

Eliminate inefficiency in the operation of dredges. Kolyma 21
 no.1:4-7 Ja '59. (MIRA 12:6)

1.Nachal'nik gornogo upravleniya (for Sokolov). 2.Nachal'nik dragi
 No.175 (for Popov). 3.Nachal'nik dragi No. 173 (for Dymov). 4.Nachal'nik
 priiska im. Gastello (for Shuvalov). 5.Zamestitel' direktora Vsesoyuzno-
 go nauchno-issledovatel'skogo instituta zolota i redkikh metallov,
 Magadan (for Matsuyev). 6.Nachal'nik otdela truda i zarabotnoy platy
 gornogo upravleniya (for Bondarenko). 7.Zamestitel' nachal'nika
 proizvodstvenno-tekhnicheskogo otdela sovnarkhoza (for Mayo-Znak).
 8.Nachal'nik priiska im. Chkalova (for Dzasokhov).
 (Dredging machinery) (Hydraulic mining)

SOV/112-59-17-35849

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 17, p 16 (USSR)

AUTHORS: Privezentsev, V.A., Mayofis, I.M., Antonova, E.R.

TITLE: Enamel Varnishes⁶ on the Base of Polyurethan¹⁵

PERIODICAL: Kabel'n. tekhnika, 1957, Nr 1-2, pp 30-34

ABSTRACT: The chemistry and technology of production of polyurethan enamel varnishes, developed by the authors in NIIKP, as well as the results of studies of enameled wires produced with these varnishes are described. Polyurethan enameled wires have a high heat resistance and are considerably superior in this respect to viniflex enameled wires. After having spent 25 days at 150°C the new enameled wires withstand winding on their own diameter without any damage to the enamel, whereas the viniflex enamel film begins to lower the elasticity already after having been exposed to 150°C for one day. Thus the new enameled wires can be classified under class B by their lasting heat resistance. The same studies show very high electro-insulating¹⁵ properties; in this respect the polyurethan enameled wires are superior to all other enameled wires with synthetic varnishes. Furthermore, the polyurethan enameled wires can be tinned with Sn or its alloys without trim-

Card 1/2

Enamel Varnishes on the Base of Polyurethan

SOV/112-59-17-358⁴⁹

ming the enamel and without using fluxes, which is also their considerable advantage, as compared with other enameled wires (comp. ref. 35851). This advantage can with particular effectiveness be utilized when HF-stranded wires (Litzendraht) are used, the trimming and soldering of which presented very great technological difficulties until recently. There are 5 references.

V.A.P.

Card 2/2

Mayofis, I.M. 110-12-3/19
AUTHOR: Privezentsev, V.A., Doctor of Technical Sciences,
Professor, and Mayofis, I.M. Candidate of Technical Sciences,
Antonova, E.R., Engineer.

TITLE: Enamelled Wires Based on Polyurethanes. (Emalirovannyye
provoda na osnove poliuretanov)

PERIODICAL: Vestnik Elektropromyshlennosti, 1957, Vol.28, No.12,
pp. 7 - 10 (USSR).

ABSTRACT: Polyesters and polyurethanes are among the high molecular weight compounds that have been used in the development of new enamels. Polyurethanes, which are of great interest for the manufacture of insulating enamel, are polymerisation products of di-isocyanates with hydroxyl compounds. Enamelled wires based on polyurethane lacquers manufactured from Soviet raw materials have been developed in the Scientific Research Institute of the Cable Industry (NII KP). The best di-isocyanates are aromatic ones, like toluilene di-isocyanate, which is now being manufactured at a chemical works. Materials used for the manufacture of enamels should contain not less than 3 hydroxyl groups. For example, glycerine hexanetriol and pentaerythrite are suitable. In order to obtain polyurethanes, these compounds are first esterified with dibasic organic acids such as adipinic Cardl/4 or phthaleic. In the manufacture of lacquers, use was made of

110-12-3/19

Enamelled Wires Based on Polyurethanes.

incomplete polyesters obtained from adipinic acid, phthaleic anhydride, diethylene glycol and glycerin. The second component was toluilene di-isocyanate. Stabilised di-isocyanates were used for the manufacture of enamels to retard undesired reaction. A.A. Blagonravova and colleagues have now developed various hot-drying lacquers based on stabilised di-isocyanates; the production methods are explained. The most practically convenient enamel was a polyester which is a component of lacquer 976 developed by G.I.P.I.4 and manufactured by the Krasnaya Presnya Lacquer Works (Krasnopresnenskiy Lakokrasochnyy Zavod). The solvent was cyclo-hexanol which enters into the composition of lacquer 976. Enamelling tests were made on copper wires of diameters 0.80 and 1.25 mm. Test data of the mechanical and electrical properties of the wire when tested by the standard GOST 7262-54 are tabulated. The results show that the enamelled wires have high-insulation strength and can be used in the winding of electrical machines without a protective covering. The thermal plasticity of the wires was low and they are very resistant to benzol and to aliphatic hydrocarbons. Tests on the elasticity of enamelled wires show, in Fig. 1, that insulation based on polyurethanes maintains its initial elasticity after Card2/4 being maintained for 25 days at a temperature of 150 °C. The

Enamelled Wires Based on Polyurethanes

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results indicate that the wires could operate under more severe conditions than vinyflex. The results of insulation resistance measurements made at different relative humidities on enamelled wires based on polyurethane and vinyflex are given in Figs. 2 and 3 and show the polyurethane to be superior. Enamels based on polyurethane can be dyed in various colours. Production testing of polyurethane enamelled wires at a works of the Automobile and Tractor Electrical Equipment Industry (ATE-1) gave positive results which are described. These wires are also recommended to the radio industry, for the manufacture of high-frequency apparatus. To get a smooth finish on fine wires, special lacquers and resins are mixed with those based on polyurethane. The results of ageing tests on wires at 150 °C with enamels containing different proportions of polyurethane and polyvinyl acetate are given in Fig.4. Wires insulated with polyurethane enamel can be tinned without first removing the enamel. This was assessed in the apparatus shown in Fig.5, which showed that for satisfactory tinning the solder should be at a temperature of 320 - 360 °C, and that the higher the temperature the shorter the process. There are 5 figures.

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Enamelled Wires Based on Polyurethanes

110-12-3/19

ASSOCIATION: NII KP.

SUBMITTED: April 12, 1957

AVAILABLE: Library of Congress

Card 4/4

AUTHORS

Alexandrov, B. V., Lashinov, A. M., Dragin, S. M., Gromov, I. A., Drozdov, E. S., Gargov, B. K., Enne, V. A., Kozlov, A. M., Troitskiy, I. D., Eshytina, G. P., Sidorov, E. V., and Others

3/105/60/000/07/25, 27
B007/B005

PILLS

Professor V. A. Pribludnyy. On His 63th Birthday and on the 55th Anniversary of His Scientific-pedagogical and Engineering Activity

PERIODICAL: *Elektrichestvo*, 1963, No. 7, p. 94

1917. This Brief History of Vladimir Alexandrovich Pavlovskiy, born at the village of Rodomino, Kozlovsk Oblast, on June 17, 1900, in 1924 he finished his studies at the Elektromekhanicheskii Tsentr. at the (Department of Electrical Engineering of the MVTU), later on at the Moscow Polytechnic-Scientific Institute (Moscow Institute of Engineering, Industry and Economy), and in 1936 he graduated from the MVTU (Higher Technical School, now the MVTU), where he was a student of the Chair of Condensed Matter, became a Doctor in 1937, and a Professor in 1940.

Professor V. A. Pivarenko. On his 60th Birthday and the 35th Anniversary of His Scientific-pedagogical and Engineering Activity

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8007/8005

He graduated in 1951, and obtained the degree of Doctor of Technical Sciences in 1952. From June 1951, he worked for 20 years at the Soviet "Moshavi" ("Moshavi" - Works) where he was a chief engineer. Between 1961 and 1965, from 1945 he worked as a chief engineer at the Technical design laboratory KEP (Central Cable Laboratory KEP) under a special order of the Scientific Section of the Academy of Sciences of the USSR. He worked at the Scientific Research Institute of the Cable Industry. From 1969 on, he worked as a department chief at the KEP. He cooperated in the rationalization of power cable constructions for 1-10 kv, reduced the production of armored cables, and cables with glass, steel, copper, and enamel insulation. For 20 years he has been working at the KEP. At the KEP, he is supervising the work of post-graduate students. He wrote many books, handbooks on cable engineering, and more than 100 articles. For 15 years, he was the responsible editor of the scientific-technical periodical of cable engineering (section of the "Moshavi" - Works and the KEP), conducted for 15 years the cable-type surveying (Sachun-

Professor V. A. Privrentsev. On His 60th Birthday and the 35th Anniversary of His Scientific-pedagogical and Engineering Activity

5/105/60,000/27/25/221
B007/B005

Lebedevskiy, senior Ministerstvo elektromekhanicheskoy promyshlennosti (Cable Section of the Scientific and Technical Council) at the Ministry of the Electrotechnical Industry, and was a member of the Presidium of the Engineering Bureau for electrophysical isolation (Presidium of the Aviation Bureau of Electric Isolation). For more than 15 years, later on, he cooperated in the work of the laboratories for dielectrics, a patent trademarked for the USSR (Commission on Dielectrics and Termination of US G353). There is a figure

MAYOFIS, I.M.; VREYTMAN, B.M., red.; KUKUSHKINA, Z.M., tekhn.
red.

[Enameled wires with heat-resistant and high-strength
insulation] Emal'provoda s nagrevostoikoi i vysokoprochnoi
izoliatsiei. Moskva, TSintipriborelektroprom, 1963. 31 p.
(MIRA 17:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po avto-
matizatsii i mashinostroyeniyu.
(Electric wire, Insulated)

MAYOFIS, Iosif Markovich; TAL'SKIY, D.A., red.; GARINA, T.D.,
tekhn. red.

[Fundamentals of the chemistry of dielectrics] Osnovy
khimii dielektrikov. Moskva, Vysshaia shkola, 1963. 207 p.
(MIRA 17:2)

28

Ca

The production of phosphorus oxychloride. N. A. Kumanovich and L. S. Malafayev. *J. Chem. Ind. (Moscow)* 1933, No. 4, 60-62. — Descriptions are given of the synthesis of PCl_5 and P_2O_5 from the elements and of POCl_3 by chlorination of a mixt. of PCl_5 and P_2O_5 . H. M. Leicester

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND GROUPS																										3RD AND 4TH GROUPS																									
COMMON ELEMENTS																										METALS AND METALLOIDS																									
CP MAYOFIS, L. S. 18 Industrial process for production of carbon tetrachloride. N. A. ELIMANOVICH, V. S. MALOVA and G. M. SHUTKOVICH. <i>Trans. State Inst. Applied Chem. (Leningrad) No. 15, 2-30 (1932).</i>—The process for production of CCl₄ was developed on a semi-com. scale from literature and European and American patents. CHAS BLANC 450-55.5 METALLURGICAL LITERATURE CLASSIFICATION																																																			
5TH GROUP																										6TH GROUP																									

MAYOFIS, L. S., SHUSTEROVICH, G. M., and BIBIKOV, N. N.

"Electrothermal Production of Carbon Tetrachloride," Trans. State Inst. Applied Chem. USSR, 24, pp. 119-27, 1935, cf. N.A. Elmanovich, L.S. Mayofis, and G.M. Shusterovich, C. A. 27, 3038². —A yield of 60-80% CCl_4 of satisfactory purity was obtained by passing S_2Cl_4 (from S_2Cl) over C at 1000° in a specially constructed furnace. The low yield of CCl_4 and the formation of by-products (C_2Cl_4) is ascribed to the faulty performance of the furnace.

USSR/Chemistry - Pharmaceuticals
Sulfonation

Jan/Feb 52

"Azeotropic Sulfonation of Guaiacol in the Preparation of Tiochol," N. F. Suknevich, L. S. Mayofis, V. S. Karpinskiy, Chair of Technol of Chemico-Phar Preps, Leningrad Chem-Phar Inst

"Med Prom SSSR" No 1, pp 27-30

While tiochol is losing its importance as a drug, efficient sulfonation is still of interest. Sulfuric acid can be reacted completely with an excess of guaiacol, and a troublesome sepn of that

203T11

USSR/Chemistry - Pharmaceuticals
Sulfonation (Contd)

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acid avoided if the water formed during the reaction is distilled off continuously in vacuum with benzene as soon as it has formed.

203T11

MAYOFS, L. S.

MAYOPIS, Lev Semenovich; KALASHNIKOV, V.P., prof., red.; KUL'BAKH, V.O.,
red.; RUBLEVA, M.S., tekhn.red.

[Technology of pharmaceutical chemical preparations] Tekhnologiya
khimiko-farmatsevticheskikh preparatov. Leningrad, Gos.izd-vo
med.lit-ry, Leningr.otd-nie, 1958. 537 p. (MIRA 13:4)

1. Glavnyy tekhnolog zavoda "Farmakon" (for Kul'bakh).
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

11A40FIS, LIA

SUBMITTED: December 7, 1957

AUTHORS:

TYPE:

SOV/109-3-3-22/73

The Second All-Union Conference on Radioelectronics of the Ministry of Higher Education of the USSR (Vtoraya vsesoyuznaya konferentsiya VVO SSSR po radioelektronike) - News Item

PERIODICAL:

ABSTRACT:

The conference took place during September 23 - 29, 1957, at Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo (Saratov State University imeni N.G. Chernyshevskiy). Apart from the universities, the conference was attended by the representatives of some scientific research institutes of the Soviet and Ukrainian Academies of Sciences, various industrial establishments and the interested ministries. This arrangement stimulated the discussion and evaluation of the papers presented and permitted the determination of plans for the future research to be carried out by the universities in the field of radioelectronics.

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During the primary session on September 23, two papers were read: "Development Trends of UHF Electronics in the Soviet Union" by N.D. Devyatkov and "Electromagnetic Waves in the States of Vari-directional Electron Beams" by V.M. Lopukhin. N.D. Devyatkov presented numerous factual data illustrating the rapid development of the UHF electronics in the Soviet Union and the vast contribution of the Soviet scientists to the theoretical development of this science; he also discussed the development of UHF electronics in the immediate future. The paper described a number of original Soviet UHF devices. The work of V.M. Lopukhin was concerned with the theoretical investigation of the phenomena taking place in multi-ray devices whose electron beams have different directions. The author showed that the reverse of the electron beams which are perpendicular to the axis x facilitates the appearance of the solutions which are increasing functions of x for the case of a ray directed along the axis x ; it also leads to the appearance of exponentially increasing solutions in the presence of one beam in the above direction. The Electron Section comprised 50 papers; more than one-third of these were concerned with the theoretical and experimental investigation of wide-band electronic devices for UHF. The lecture by V.N. Shevchik, L.Ya. Mayofis and L.D. Potvinovskiy dealt with the extension of the known theories of travelling wave tubes and backward-wave tubes to the practically important cases when the delay structure necessitated the taking into account of the discrete character of the interaction section beam with the high-frequency field. The lecture by N.D. Zharkov was devoted to the study of the operation of a backward-wave tube by employing the cosinusoidal approximation of the given field. The papers by V.B. Braginitskiy, A.S. Gorashov, A.I. Kostiyenko, G.P. Lyubimov, I.F. Trofimenko and V.V. Anisimov were concerned with the detailed experimental and theoretical investigation of the possibility (first indicated by V.N. Shevchik in 1954) of expanding the bandwidth of the electronic trimming of reflex klystrons by means of mutual synchronization of several klystron tubes. The operation of reflex klystrons with multi-circuit resonant systems was also investigated. The results of experimental and theoretical investigation of two-ray amplifying and multiplying tubes were given in the communication by L.Z. Alcori, V.M. Lopukhin, L.A. Shkurdova and in the communication of V.A. Kuvshinov. Some of the papers in the Electron Section dealt with the investigation of phenomena which were concerned with the development of UHF devices, suitable for the generation and amplification of the waveforms in the millimetre and sub-millimetre ranges. The papers of great interest were: "Experimental Investigations of the Radiation of the Electron Beams in the Vicinity of Non-homogeneities" by V.B. Braginitskiy and Ye.P. Mustal', "Comparison of the Efficiency of Certain Methods of the Generation of Millimetre Waves" by A.B. Tager and "Application of the Higher Spatial Harmonics of the Electromagnetic Field in Slowing-down Systems" by A.B. Tager and V.A. Solntsev.

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SOV/142-2-3-16/27

9(2,9)

AUTHOR: Shevchik, V.N., Mayofis, L.Ya.

TITLE: Characteristic Equations for Travelling Wave Tubes and Backward-Wave Oscillators With Discrete Interaction of Electrons With an Electromagnetic Wave

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiotekhnika, 1959, Vol 2, Nr 3, pp 367-371 (USSR)

ABSTRACT: In this article a linear analysis of a travelling wave tube and a backward-wave oscillator is given, based on the fact of discrete interaction of the electrons with the (self-matched) electromagnetic field which is formed by them. The linear theories of the travelling wave tube and the backward-wave oscillator found wide-spread application. They are based on the assumption of the continuous interaction of the electron flow with the travelling electromagnetic wave. In the past, however, the application of filter-type periodic structures as delay lines required the consideration of the discrete character of the electron interaction with the periodically localized electromagnetic field. In certain approximations, the assumption of such a field as an infinite sum of spa-

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SOV/142-2-3-16/27

Characteristic Equations for Travelling Wave Tubes and Backward-Wave Oscillators
With Discrete Interaction of Electrons With an Electromagnetic Wave

tial harmonics facilitates maintaining the continuity principle. In this case, however, usually the electron interaction is considered only with one synchronous harmonic. In nonuniform delay systems, a sequence of high-frequency sections may be singled out, having the most effective interaction of the electron flow with the field of the line. In the areas dividing these sections, the electrons experience the force of the electromagnetic field to a considerably lesser degree. The model under consideration, shown in fig.1, was based on the assumption of an accurate separation of the interaction of the electrons with the high-frequency field and group areas. The periodicity of the structure of nonuniform delay lines facilitates their representation by substitute circuits in the form of series (cascade) connected sections of a four-pole. The electron flow and the electromagnetic wave are interconnected systems. The authors derive the characteristic equation $(\text{ch } \Gamma_p - \text{ch } \Gamma_{lp})(e^{-\Gamma_p + j\theta_{0-1}})^2 = \pm 2jC^3 M^2 \theta_0 \text{sh } \Gamma_{lp}(1 - \text{ch } \Gamma_p)e^{-\Gamma_p + j\theta_0}$

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where Γ - propagation constant; M - effective interaction factor;

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Characteristic Equations for Travelling Wave Tubes and Backward-Wave Oscillators
With Discrete Interaction of Electrons With an Electromagnetic Wave

$C^3 = I_0 W / 4v_0$; Γ_1 - impedance thru W ; θ_0 - transit angle. This equation provides a development of the travelling wave and backward-wave oscillator theory with discrete interaction of electrons with the field of the electromagnetic wave. The article was recommended for publication by the Kafedra elektroniki Saratovskogo gosudarstvennogo universiteta imeni N.G. Chernyshevskogo (Chair of Electronics of the Saratov State University imeni N.G. Chernyshevskiy). There are 1 diagram, 1 circuit diagram and 9 references, 7 of which are Soviet and 2 English.

SUBMITTED: December 1, 1958

Card 3/3

BAKHRAKH, L.E.; ZHARKOV, Yu.D.; MAYOFIS, L.Ya.; DMITRIYEV, B.S.;
SOKOLOV, I.L.

Preliminary results of the experimental study of the operation of hollow cathodes at pressures in the order of 10^{-2} - 10^{-3} mm. of mercury. Radiotekh. i elektron. 8 no.11:1956-1957 N '63. (MIRA 17:1)

MAYOFIS, Ye. M.

"Disinfection with ammoniac."

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 1-2, 1944.

MAYOFIS, Ye. M.

"Rickettsia and X-Proteus and Their Interrelations."

Sub 7 Dec 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees
in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

MAYOFIS, Ye.M., doktor med.nauk, KALLAS, E.V.

Contagiosity of angina. Sov.med. 22 no.7:89-95 J1 '58 (MIRA 11:10)

1. Iz Tallinskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny (dir - kandidat meditsinskikh nauk E.Ya. Yannus).
(TONSILLITIS,
contagiesity (Rus))

L 6420-66 EWT(1)/EWT(m)/EPF(c)/T/FCS(k)/EWA(c) WE

ACC NR: AP5026074

SOURCE CODE: UR/0405/65/000/002/0108/0114

AUTHOR: Strunina, A. G.; Merzhanov, A. G.; Mayofis, Z. B.

ORG: None

TITLE: Dynamic thermal explosion conditions. Part 2. Thermal condition regularities during constant rate cooling

SOURCE: Nauchno-tekhnicheskiye problemy goreniya i vzryva, no. 2, 1965, 108-114

TOPIC TAGS: heat of explosion, cooling rate, thermal explosion, explosion intensity

ABSTRACT: The first part of this paper (Nauchno-tekhnicheskiye problemy goreniya i vzryva, 1965, 1) investigated thermal explosion conditions during the heating of the surrounding medium. The present article studies these conditions for the case of cooling. The explosion pattern and its basic characteristics are studied. The derivation of the approximate solution to the problem, the results of numerical computer integration of an original system of equations, and a discussion of the critical heating rate, pre-explosion reaction intensity, pre-explosion heating, and of other pertinent parameters describing the events are given. The article concludes with a discussion of the application of the linear cooling method to the experimental study of the thermal explosion of strongly self-accelerating reactions. The authors thank A. S. Ukolov for several computations carried out during the investigation. Orig. art. has: 13 formulas, 5 figures, and 3 tables.

UDC: 541.126+536.48

Cord 1/1 SUB CODE: WA, FP, TD / SUBM DATE: 23Nov64 / ORIG REF: 003

MAYONOVA, V.I.

Liquidation of tropical malaria in Stavropolsk territory.
Med.paraz. i paraz. bol.24 no.3:210-211 J1-S '55 (MLBA 8:12)

1. Iz Stavropol'skoy krayevoy protivomalyariynoy stantsii
(zav.stantsiyei S.M.Rudnev)
(MALARIA, prevention and control,
in Russia)

MAYOR, B. P.

6-12-9/13

AUTHOR:

Mayor, B. P.,

TITLE:

From the experience of the use of the Alidade KB-1 and the Range Finder DB-2 in Town-Surveys on the Scale 1:500 (12 opyta primeneniya kipregelya KB-1 i dal'nomera AA-2 pri gorodskikh s'yemkakh v mashtabe 1:500).

PERIODICAL:

Geodeziya i Kartografiya, 1957, Nr 12, pp. 55 - 58 (USSR)

ABSTRACT:

The results from the use of the range finder DB-2 in town-surveys in the Moscow Gorgeotrest are given here. The author used the DB-2 -mount at the tube of the alidade KB-1 for surveying a built-up area on the scale 1:500. It was the purpose to obtain a complete plan without being forced additionally to work on it (except drawing with Indian-ink). The surveys were made from July 1956 to June 1957 in the different districts of Moscow and environment. The obtained data show a sufficiently high accuracy. Thus those technical shortcomings which occur in surveying by means of a measuring table were completely removed by the use of the alidade KB-1 in combination with the range finder DB-2. Some peculiarities of this surveying-method as compared to that by the measuring table are shown here. The following advantages of the method are to be mentioned: 1) The plan of the surveyed premises is directly taken in the field and represents the final survey-

Card 1/2

From the Experience of the Use of the Alidade KB-1 and the Range Finder DD-2 in Town-Surveys on the Scale 1:500. 6-11-9/14

ing-material. A distortion of the details is excluded here. The personal responsibility of the surveyor for the quality of the final product is increased. 2) Thanks to the use of the range finder the linear surveys in passages and on railroad tracks with much traffic can rapidly and without danger be performed. 3) The time needed for the establishment of a plan is reduced by about 40% (as compared to that used in surveying with the aid of a theodolite). The circumstance that this method is only profitable in comparatively large areas (not below 4 to 5 hectares) is shown to be a disadvantage of the method. In all other cases this method of surveying by means of a measuring table of built-up areas on the scale 1:500 with the use of the range finder LD-2 and the alidade KB-1 is to be preferred to a method with a theodolite. There are 1 figure, 1 table, and 1 Slavic reference.

ASSOCIATION: None Given.

AVAILABLE: Library of Congress

Card 2/2

NEYBAUER, E.; KLVANEVA, G.; MAYOR, I.; URBANOV, I.

Effect of Rauwolfia preparations on the fluid metabolism of the organism in patients with hypertension and mental disorders. Zhur. nevr.i psikh 60 no.8:1033-1036 '60. (MIRA 13:9)

1. Klinika vnutrennikh bolezney (zav. - dotsent F.Por) i psikhiatricheskaya klinika (zav. - dotsent Z.Klimo) Meditsinskogo fakul'teta imeni Komenskogo v g. Koshitse.

(BODY FLUIDS)
(MENTAL ILLNESS)

(RAUWOLFIA)
(HYPERTENSION)

MAYOR, M.

HUNGARY / Analytical Chemistry. Organic Analysis.

E

Abs Jour: Ref Zhur-Khimiya, No 16, 1958, 53525.

Author : Mester, Mayor.

Inst : Akad. Kem.

Title : The Identification of Aldoses in the Form of Formazanes.

Orig Pub: Magyar tud. akad. Kem. tud. oszt. kozl., 1956, 7, No 3-4, 345-350.

Abstract: All phenylhydrozones of aldoses when treated with phenyldiazonium salts in pyridine solution form readily crystallized red sugar formazanes. The ketosophenylhydrozones which do not contain an active methine group do not enter into the reaction.

Card 1/2

✓ Mayer, O. Familles R de surfaces transversales dans les congruences de droites. Acad. R. P. Rouine. Fil. Iași. Stud. Cerc. Ști. 6 (1955), no. 1-2, 69-89. (Romanian. Russian and French summaries)

The author considers congruences of straight lines in the projective n -space whose two focal surfaces are distinct. These can be imbedded in a family R of transversal surfaces (Σ) having the following properties. 1) Every surface Σ intersects the rays of the congruence in one point each. 2) The correspondence thus determined between any two rays of the congruence is a projectivity. A family R which contains the focal surfaces is denoted by R_0 . Families R_0 which are attached to certain reduced systems are called "principal".

A number of properties of principal families R_0 are derived. The author then considers the projective invariants of the families R_0 and gives geometric interpretations for some of them.

R. Blum.

2
1-F/W

Mayer, O. Sur la composition des groupes projectifs et l'orientation des espaces projectifs réels. Bull. Math. Soc. Roumaine Sci. 46, 3-12 (1944). [MF 16507]

Toute théorie de l'orientation est liée à la structure du groupe de transformations qui définit la géométrie considérée. La théorie de la composition des collinéations est ici traitée par les moyens élémentaires propres à la géométrie projective. Quand, dans une collinéation, on porte son attention sur l'un des points doubles (correspondant à l'une des valeurs spectrales de la matrice représentative), chacune des autres valeurs spectrales donne lieu, par rapport à la première, à un invariant absolu de la collinéation.

Pour passer d'une collinéation quelconque (dont le produit des invariants absolus est égal à A) à une collinéation dont le produit des invariants soit 1, on peut utiliser une homologie parabolique auxiliaire, à condition de pouvoir extraire la racine d'ordre $r+1$ de A , ce qui est toujours possible dans le domaine complexe, ou dans le domaine réel pour r pair, mais dans le domaine réel pour r impair seulement si A est positif. Ainsi, toute collinéation dans un S_r peut être décomposée en r produit d'au plus $r+1$ homo-

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001033110008-4

Source: Mathematical Reviews,

Vol 8, No. 2

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001033110008-4"

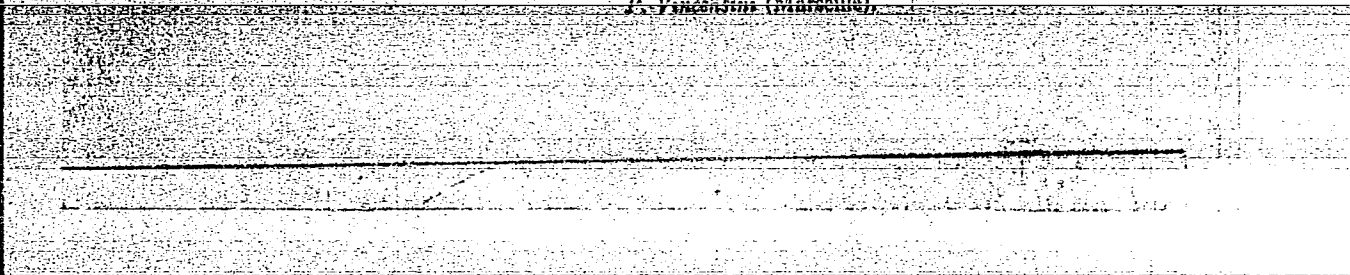
MAYER, D.

introduit, à la place de u , le paramètre angulaire φ définissant
le plan tangent en chaque point d'une génératrice, l'équa-
tion de Riccati ci-dessus est remplacée par une autre équation.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001033110008-4

B. Vinciguerra (Marseille)



APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001033110008-4"

MAYER, O.

Mayer, O. Application of the tensor calculus to the theory of surfaces in three-dimensional Euclidean space. Gaz. Mat. Fiz. Ser. A. 7, 101-114 (1955). (Romanian) Expository paper. T - F/W

MAYER, O.

On certain special, triply conjugate systems. p. 113.

Academia Republicii Populare Romine. Filiala Iasi. STUDII SI
CERCETARI STIINTIFICE. MATEMATICA. Iasi, Rumania. Vol 9, no. 1
1958

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

Mayer, O.

Mayer, O. Sur le théorème fondamental de la théorie des
fonctions de variable complexe. Bull. École Polytech.
[Politehn. Gh. Asachi Iași] 1, 274-280 (1946).
form of Cauchy's integral

Mayer, O. *Fonctions de variable complexe*.
Jassy [Bul. Politehn. Gh. Asachi-Iasi] 1, 274-280 (1940).
A detailed proof of the strong form of Cauchy's integral
theorem along lines, probably due originally to G. N.
Watson [Complex Integration and Cauchy's Theorem,
Cambridge University Press, 1914], of dividing the Jordan
curve into a finite number of arcs, enclosing each in a poly-
gon and using pieces of these polygons to obtain a Jordan
polygon approximating the original curve from the inside.
L. H. Loomis (Cambridge, Mass.).

Source: Mathematical Reviews,

Vol. 8 No. 8.

MAYOR, S.P. (Kiyev, Goloseyevo)

Observations of lunar occultations of stars in Goloseevo.
Astron. tsir. no. 222:29-30 My '61. (MIRA 15:4)
(Occultations)

GAVRILOV, I.V.; MAYOR, S.P.; MIZ', L.N.

Methods for and results of processing photographic observations of
the moon. Izv. Glav. astron. obser. AN URSR 4 no.2:46-56 '62.
(MIRA 15:11)

(Astronomical photography)
(Moon--Photographs, maps, etc.)

L 43544-65 EWG(v)/EAT(1) Pe-5/Po-4/Pq-4/Pac-4/Pae-2 GW/CS

ACCESSION NR: AT5009185

UR/0000/63/000/000/0397/0400

AUTHOR: Gayrilov, I.V.; Mayor, S.P.; Miz', L.N.

TITLE: Determination of ephemeris time from lunar photographic observations

SOURCE: Astrometricheskaya konferentsiya SSSR, 15th, Pulkovo, 1960. Trudy. Moscow, Izd-vo AN SSSR, 1963, 397-400

TOPIC TAGS: moon, astrometry, ephemeris time, lunar ephemeris, lunar coordinate, lunar figure, lunar center of mass

ABSTRACT: Experimental observations of the moon by the Markowitz method were begun in 1957 at the Glavnaya astronomicheskaya observatoriya Akademii nauk UkrSSR (Main Observatory of the Academy of Sciences, Ukrainian SSR) using a series of an analysis of

ephemeris they should be reduced to the equator
Card 1/4

L 13544-65

ACCESSION NR: AT5009185

influence of parallax should be taken into account. The coordinates reduced in this way can then be compared with the lunar ephemeris in the Astronomicheskii yezhegodnik (Astronomical almanac). Table 1 in the text presents the results of the comparison. Table 1 in the text presents the results of the comparison.

determination of the coordinates of its center of mass were computed using

$$\begin{aligned} \Delta x &= -(\xi \cos C - \eta \sin C), \\ \Delta y &= -(\xi \sin C + \eta \cos C). \end{aligned}$$

Cord 2/4

L 43544-65

ACCESSION NR: AT5009185

Here C is the position angle of the lunar axis; ξ and η are the coordinates of the center of the lunar figure relative to its center of mass, determined using the formulas:

$$\begin{aligned} \xi &= -0.27 - 0.025\beta_0 \\ \eta &= +0.21 + 0.021\beta_0 \end{aligned} \quad \left. \begin{array}{l} \\ \end{array} \right\} \text{for the western limb}$$

$$\begin{aligned} \xi &= -0.54 + 0.003\beta_0 \\ \eta &= -0.06 + 0.006\beta_0 \end{aligned} \quad \left. \begin{array}{l} \\ \end{array} \right\} \text{for the eastern limb}$$

where β_0 is lunar libration in latitude. The results of reduction of the observed coordinates of the center of the lunar figure to its center of mass are also given in Table 1 of the text. After having the observed geocentric coordinates of the moon and its ephemeris, whose argument is ephemeris time, it is easy to use inverse interpolation to determine the moments of ephemeris time corresponding to the determined position of the moon. The corrections of lunar coordinates and the differences between ephemeris and Universal Time were found; the mean values are: $\Delta T(1958.53) = +31^s.62$ and $\Delta T(1959.44) = +30^s.85$. Orig. art. has: 2 formulas and 2 tables.

Card 3/4

L 43544-65

ACCESSION NR: AT5009185

ASSOCIATION: none

SUBMITTED: 06Apr63

NO REF SOV: 005

ENCL: 00

SUB CODE: AA, ES

OTHER: 003

Card 4/4 MB

MAYOR, V

"Cyto-morphologic changes in HeLa cells caused by Coxsackie virus of the B 1 type."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 14, no. 1, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

MAYOR, Ya. Cand Med Sci -- (diss) "Repeated surgical interventions in astrocytoma of the cerebellum in children."
Mos, 1957. 12 pp 21 cm. (Acad Med Sci USSR). 200 copies.
(KL, 22-57, 107).

MAYORCHIK, V. YE.

42724. MAYORCHIK, V. YE. i RUCINOV, V. S. Patologicheskiye Ispytaniya Elektricheskoy Aktivnosti Kory V Sluchayakh Otkhoda Golovnogo Moga. Trudy In-Ta Neyrokhirurgii Im. Burdenko, T. I, 1948, s. 64-77--Bibliogr: 7 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

MAYORCHIK, V. YE.

USSR/Medicine - Brain, Physiology
Medicine - Brain, Wounds and Injuries

Mar/Apr 49

"Biotics of a Human Brain Due to an Abrupt Surgical Drainage."
Prof L. A. Koraysha, V. Y. Mayorchik, Inst of Ne rosurg imeni
Acad N. N. Bardenko, Acad Med Sci USSR, 7 pp

"Vop Neyrokhirurgii" Vol XIII, No 2

During an operation, the human brain reacts as a whole to a trauma. A change of electrical activity occurred in all parts of the cortex examined, indication that his reaction is not limited to the zone of the pathological nidus. Administration of hexenal produced three changes in electrical activity of the cortex: (1) Phase during which alpha rhythm was increased, (2) slow waves, and (3) grouping of slow waves at intervals with pauses between groups. These three phases differ according to the functional change of the brain.

MAYORCHIK, V. Ye.

"Fluctuations of the Electric Activity of the Cerebral Cortex Before and After
Lobotomy of Patients with a Chronic Form of Schizophrenia," Nevropatol. i Psikhiat.,
18, No.1, 1949

Inst. Surgery im. Burdenko, Dept. Clinical Med., AMS USSR

MAJORCHIK, V.Ye.; KUSINOV, V.S.

Nature of electroencephalograms in cerebral tumors in pre- and post-operative periods. Vopr. neirokhir. no.1:15-24 Jan-Feb 51.

(CML 20:8)

1. Institute of Neurosurgery imeni N.N. Burdenko (Director--Prof. B.G. Yegorov, Corresponding Member of the Academy of Medical Sciences USSR), Academy of Medical Sciences USSR.

MAYORCHIK, V.Ye.; SPIRIN, B. G.

Electrophysiologic analysis of cortical processes in temporary contacts in man. Vopr. neurokhir 15 no. 3:3-11 May-June 1951.
(CLML 21:3)

1. Of the Laboratory of Higher Nervous Activity (Head -- Prof. L. N. Fedorov, Active Member of the Academy of Medical Sciences USSR) and of the Electrophysiology Laboratory (Head -- Prof. V. S. Rusinov, Corresponding Member of the Academy of Medical Sciences USSR), Institute of Neurosurgery imeni N. N. Burdenko (Director -- Prof. B. G. Yegorov, Corresponding Member of the Academy of Medical Sciences USSR) of the Academy of Medical Sciences USSR.

KALINOVSKAYA, I.Ya.; MAYORCHIK, V.Ye.

Cortical regulation of vestibular reflexes in man. Vest. otorinolar.,
Moskva 14 no. 3:11-16 May-June 1952. (CLML 22:4)

1. Of the Otoneurological Division (Head -- Prof. A. G. Ageyeva-Maykova)
and the Laboratory of Higher Nervous Activity (Head -- Prof. L. N. Fedorov,
Active Member AMS USSR), Institute of Neurosurgery (Head -- Prof. B. G.
Yegorov, Active Member AMS USSR), Academy of Medical Sciences USSR,
Moscow.

MAYORCHIK, V.Ye.; RUSINOV, V.S.

Certain theoretical and practical problems of electroencephalography
in focal lesions of the brain. Vopr.neirokhir. 18 no.1:38-47 Ja-F '54.
(MLRA 7:4)

1. Iz Instituta neyrokhirurgii im. akademika N.N.Burdenko Akademii
meditsinskikh nauk SSSR.

(Brain--Diseases) (Electroencephalography)

MAYORCHIK, V. E. Sec. 8 Vol. 11/4 Neuro.-Psychiatry Apr 58

1640. EXPRESSION OF THE DYNAMICS OF NERVOUS PROCESSES IN EEG
DEPEND. ON THE INITIAL FUNCTIONAL STATE OF THE BRAIN
CORTEX - Wyrażenie dynamiki nerwowych procesów na elektroencefalogram-
me w zależności od ischodnego funkcjonalnego sostożania kory golownego
mozga - Mayorchik V. E. - Zh. VYSSH. NERV. DEIATEL 1956, 6/4
(612-620) Graphs 7

EEG study of excitation and inhibition processes in patients with organic lesions of
the brain (tumour in 150 cases, inflammatory processes in 8; 30 posttraumatic cas-
es). In cases of focal injury the electrical reaction of the cortex to one and the
same stimulation differs depending on the initial functional state: An accelerated
rhythm appears in cortical areas remote from the tumour and a decrease of the in-
itial potentials in the neighbourhood of the tumour. In the first seconds after the
onset of an epileptic fit sound stimulation results in an increased amplitude of sharp
epileptoid charges. Two or 3 min. later, as the excitation turned into inhibition, a
slowing-down of the cortical rhythm may be seen in the same parts of the cortex in

1640

response to the same stimulus. At the stage of the general reduction of electrical activity the stimulation may create a further decrease of brain potentials. The use of afferent adequate stimulation helps to specify the location of the primary pathological focus in the brain when the lesion cannot be clearly seen on an EEG recorded in a state of relative rest. Rhythmic stimulations varying in frequency are more effective.

Stepien - Warsaw

YEGOROV, B.G.; MAYORCHIK, V.Ye.; NIKITIN, M.A.

Electrocorticographic data in intracerebral tumors. Vop.neirokhir.
21 no.3:3-10 My-Je '57. (MLHA 10:10)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut neyrokhirugii imeni akad. N.N.Burdenko Akademii meditsin-
skikh nauk SSSR.

(BRAIN NEOPLASMS, diag.

electrocorticography in intracerebral tumors)

(ELECTROENCEPHALOGRAPHY,

same)

MAYORCHIK, V.Ye.

Electrophysiological analysis of functional properties of the cortex
in the zone of a pathological focus [with summary in English]. Fiziol.
zhur. 43 no.3:193-201 Mr '57. (MIRA 10:8)

1. Elektrofiziologicheskaya laboratoriya Instituta neyrokhirurgii
im. N.N.Burdenko, ANU SSSR, Moskva
(ELECTROENCEPHALOGRAPHY,
of cortical pathol. foci (Rus))
(CEREBRAL CORTEX,
EEG of pathol. foci (Rus))

1777 > 0.12.1957
KOREYSHA, I.A.; MAYORCHIK, V.Ye.

Reaction of the cerebral cortex and of the heart in operations on the pituitary and the hypothalamic region [with summary in English]. Biol. eksp.biol. i med. 44 no.10:39-44 O '57. (MIRA 11:2)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni instituta neyrokhirurgii imeni akademika N.N.Budenko (dir. - deystvitel'nyy chlen AMN SSSR B.G.Yegorov) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR. B.G.Yegorovym.

(PITUITARY GLAND, surgery,
postop. ECG & EEG (Rus))

(HYPOTHALAMUS, surgery,
same)

(ELECTROCARDIOGRAPHY,
postop. in hypothalamus & pituitary surg. (Rus))

(ELECTROENCEPHALOGRAPHY,
same)

MAYORCHIK, V.Ye.

"Electroencephalographic examination in brain tumors" [in German]
by Rudolf Hess. Reviewed by V.E. Maiorchik, Vop.neirokhir. 22
no.5:57-58 S-0 '58. (MIRA 12:1)
(ELECTROENCEPHALOGRAPHY)
(BRAIN—TUMORS) (HESS, RUDOLF)

MAYORCHIK, V.Ye.; KOREYSHA, L.A.; GABIBOV, G.A.

Characteristics of cortical reaction stimulation of lower
divisions of the brain stem during neurosurgical operations.
Fiziol.zhur. 45 no.8:901-909 Ag '59. (MIRA 12:11)

1. From the N.N.Burdenko Research Institute of Neurosurgery,
Moscow.

(BRAIN STEM, physiology)
(CEREBRAL CORTEX, physiology)
(NEUROSURGERY)

MAYORCHIK, V. Ye., Doc Biol Sci -- (diss) "General and local variations in the electrical activity of the cortex and the sub-cortical structures during neuro-surgical operations at various levels of the central nervous system." Moscow, 1960. 26 pp; (Academy of Medical Sciences USSR); 200 copies; price not given; list of authors' works at end of text (15 entries); (KL, 25-60, 128)

MAYORCHIK, V.Ye.; KHRAPOV, V.S. (Moskva)

Registration of electrocortical reaction in man during operations
on the spinal cord. Vop.neirokhir. 25 no.1:44-49 Ja '61.

(MIRA 14:2)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut neyrokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(SPINAL CORD—SURGERY) (CEREBRAL CORTEX)

MAYORCHIK, V.Ye.; KOREYSHA, L.A.; GABIBOV, G.A. (Moskva)

Reactions of the cerebral cortex and heart in neurosurgical
interventions on different segments of the brain stem in man;
electrophysiological study. Vop.neirokhir. no.4:32-37 '62.
(MIRA 15:9)

(BRAIN—SURGERY) (ELECTROENCEPHALOGRAPHY)
(ELECTROCARDIOGRAPHY)

MAYORCHIK, V.Ye., kand.biolog.nauk; KOREYSHA, L.A., prof.; GABISOV,
G.A., kand.med.nauk

Electrophysiological study of cortical reactions during neuro-
surgical interventions in the caudal regions of the human brain
stem. Probl.sovr.neirokhir. 4:95-102 '62. (MIRA 16:2)
(ELECTROPHYSIOLOGY) (BRAIN—SURGERY)

MAYORCHIK, V.Ye.; KHRAPOV, V.S.

Electromyographic recording during spinal cord surgery in
man. Biul. eksp. biol. i med. 53 no.5:3-7 My '62.

(MIRA 15:7)

1. Iz Nauchno-issledovatel'skogo instituta neurokhirurgii
imeni akademika N.N. Burdenko AMN SSSR, Moskva. Predstavlena
deystvitel'nym chlenom AMN SSSR B.G. Yegorovym.

(SPINAL CORD—SURGERY) (ELECTROMYOGRAPHY)

MAYORCHIK, V.Ye; GABIBOV, G.A.

Characteristics of local and general brain changes as reflected in the EEG in parasagittal parasagittal endotheliomas. Zhur. nevr. i psikh. 63 no.2:195-202 '63 (MIRA 16:11)

1. Elektroфизиологическая лаборатория (зав. - проф. V.S. Rusinov) i onkologicheskoye otdeleniye (zav. - prof. L.A. Korysha) Nauchno-issledovatel'skogo instituta nayrokhirurgii imeni N.N.Burdenko (dir - prof. B.G. Yegorov) AMN SSSR, Moskva .

*

MAYORCHIK, Varvara Yevstaf'yevna; BEKHTEREVA, N.P., red.

[Clinical electrocorticography; examinations during neuro-
surgical operations] Klinicheskaya elektrokortikografiya;
issledovaniya vo vremia neirokhirurgicheskikh operatsii.
Leningrad, Meditsina, 1964. 226 p. (MIRA 17:11)

OGIYEVICH, V.A., kandidat tekhnicheskikh nauk; AGEYKIN, D.I., kandidat
tekhnicheskikh nauk; MAYORCHUK, A.Z., inzhener; ORLOV, B.M.,
inzhener.

Basic equipment for standard continuous-operation concrete plants
Stroi.i dor.mashinostr. no.9:8-13 S '56. (MLRA 9:11)
(Concrete plants)

MAYORCHUK, A. Z.

OGIYEVICH, V.A., kand.tekhn.nauk; MAYORCHUK, A.Z., inzh.

Movable concrete mixing plant with continuous operation. Stroi. 1
dor.mashinostr. 3 no.3:7-10 Mr '58. (MIRA 11:3)
(Concrete mixers)

OGIYEVICH, V.A., kand.tekhn.nauk; BAU, M.M., inzh.; MAYORCHUK, A.Z., inzh.
TITOV, M.A., inzh.

Automatic concrete plants. Mekh.stroi. 18 no.9:18-22 S '61.
(MIRA 14:10)
(Concrete plants)

ACC NR: AP7005600

(A)

SOURCE CODE: UR/0413/67/000/002/0037/0037

INVENTOR: Ogiyevich, V. A.; Belov, V. A.; Bulgach, A. S.; Mayorchuk, A. Z.; Rusanov, N. T.; Titov, M. A.; Khmelevskiy, V. N.

ORG: None

TITLE: An installation for mixing and laying concrete directly on roads or airfield aprons. Class 19, No. 190399 [announced by the All-Union Scientific Research Institute of Construction and Road Machinery (Vsesoyuznyy nauchno-issledovatel'skiy institut stroitel'nogo i dorozhnogo mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 37

TOPIC TAGS: concrete, runway construction, highway construction, construction machinery, airfield maintenance equipment

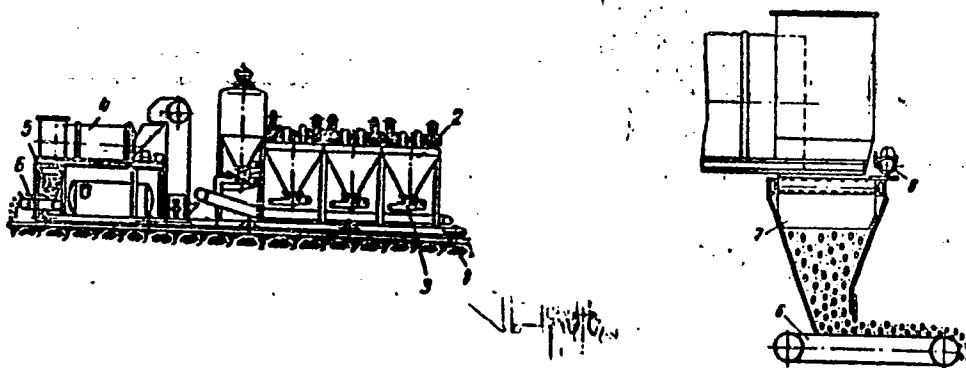
ABSTRACT: This Author's Certificate introduces an installation for mixing and laying concrete directly on roads or airfield aprons. The unit includes a self-propelled undercarriage on which are mounted mechanisms for receiving, charging, feeding, batching and mixing the concrete components. The device also contains a mechanism for laying the concrete, including a distributive hopper and a belt-conveyor feeder. Provision is made for relating the feed rate of this conveyor mechanism to the forward velocity of the installation and also for distributing the concrete mixture uniformly with respect to the width of the strip being laid. The belt-conveyor feeder has a chain-and-plate speed regulator and guides are mounted in the upper section of the

Cord 1/2

UDC: 693.546.2.002.5

ACC NR: AP7005600

distributive hopper with a reciprocating shaker block.



1--self-propelled undercarriage; 2--receiving mechanism; 3--batching mechanism;
4--mixing mechanism; 5--distributive hopper; 6--belt-conveyor feeder; 7--shaker block;
8--speed regulator

SUB CODE: 13/ SUEM DATE: 10Aug65
///

Cord 2/2

RATNER, S.I., Prof; BRUSHLINSKAYA, N.G.; MAYORCHUK, D.P.; KOMOLOVA,
R.P., (Moscow)

Clinical aspects of ornithosis in man. Klin.med.33 no.5:54-57
My '55. (MLRA 8:9)

1. Iz infektsionnogo otdeleniya bol'nitsy imeni S.P. Botkina
(Nauchnyy rukovoditel' prof. S. I. Ratner, glavnyy vrach -
prof. A.N. Shabanov, zam.glavnogo vracha po infektsii--zaslu-
zhennyi vrach RSFSR A.N. Buznikov)

(ORNITHOSIS

clin.aspects)

(LUNGS, in various dis.)

ornithosis)

MAYORCHUK, D.P.; RUDNEV, G.P.

Clinical aspects of candidomycosis as complications following anti-biotic therapy. Lech. infekts. bol'. no.3:199-213 '57.
(MIRA 14:5)

(MONILIASIS)

(ANTIBIOTICS)

MAYORCHUK, G.; NAKONECHNYI, V.

Automatic control of electric transport traffic. Zhil.-kom.khoz.
7 no.8:11-13 '57. (MIRA 10:10)

1. Nachal'nik tsekha svyazi L'vovskogo tramvayno-trolleybusnogo upravleniya (for Mayorchuk).
 2. Glavnyy inzhener sluzhby elektrokhozyaystva (for Nakonechnyy).
- (Electric railroads) (Automatic control)

U.S.S.R. Pharmacology and Toxicology. Chemotherapeutic Preparations
Antibiotics

7-7

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 71285

Author : Mayorchuk P.D., Rudnev G.P.

Inst :

Title : Clinical Aspects of Candida Mycosis as a Complication in
Treatment with Antibiotics

Orig Pub : V sb.: Lecheniye infekts. bol'nykh. Vyp. 3. M., 1957, 199-213

Abstract : No abstract

Card : 1/1

MAYORENKO, N.N.
MAYORENKO, N.N. (Krivoy Rog)

Strengthening by means of polyvinyl chloride pipes in the
installation of sanitary engineering systems. Vod.i san.tekh.
no.7:32-33 J1 '57. (MIRA 10:11)
(Sanitary engineering) (Pipe)

MAYORENKO, Yu., inzh.

A valuable drilling instrument. Mast. ugl. 8 no.7:12 J1 '59.
(MIRA 12:10)

(Boring machinery)

MAYORENKO, Yu., inzh.

Mine car lubrication. Sov.shakht. 10 no.7:17-18 J1 '61.
(MIRA 14:8)

(Mine railroads--Cars)

(Lubrication and lubricants)

MAYORETS, A.I., inzh.; GERASIMOVA, L.S., inzh.

Winding operation of power transformers using vertical winding
machines. Energ. i elektrotekh. prom. no.3:52-54 J1-S '64.
(MIRA 17:11)

L 22594-00 EWT(d)/LWP(k)/LWP(1)

ACC NR: AP6012999

SOURCE CODE: UR/0105/65/000/006/0090/0090

AUTHOR: Alekseyenko, G. V.; Borisenko, N. I.; Vovodov, I. D.; Drozdov, N. G.; Krayz, A. G.; Man'kin, E. A.; Mayorets, A. I.; Nekrasov, A. M.; Nayashkov, I. S.; Pavlenko, A. S.; Rokotyan, S. S.; Sobolev, A. A.; Syromyatnikov, I. A.; Sapozhnikov, A. V.; Sarkisov, M. A.; Chernichkin, D. S.; Chertin, A. M.

ORG: none

TITLE: S. I. Rabinovich (on the occasion of his 60th birthday)

SOURCE: Elektrichestvo, no. 6, 1965, 90

TOPIC TAGS: electric engineering personnel, electric transformer, hydroelectric power plant

ABSTRACT: The chief specialist of transformer building of the Gosplan (State Planning Commission) USSR, Samuil Isaakovich Rabinovich was born in 1905 in the town of Borisoglebsk of the Voronezh Oblast'. From his student years at the Gosudarstvennyy elektromashinostroitel'nyy institut (State Machine-Building Institute) he already showed interest for power transformers. In the early thirties he designed the first types of domestic Soviet 110 and 220 kV transformers; in 1939 he became the chief designer of the Moskovskiy transformatornyy zavod (Moscow Transformer factory). In 1946, he conducted the design and construction of lightning-resistant transformers; during 1949-1954,

Cord 1/2

UDC: 621.314(092)

L 22594-66

ACC NR: AP6012999

he headed the design of the 400 kV transformer equipment for the Volzhskaya hydroelectric power station - Moscow power line; his subsequent work on the 500 kV equipment earned him the Lenin prize. From 1960, he has been working at the Gosplan USSR. He is also a member of the editorial board of the journal Elektrichestvo (Electricity). Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10, 09 / SUBM DATE: none

Card 2/2 *See*

MAYORNIKOV, A.M.

Design efficient production lines. Put' 1 put. khoz. 8
no.5:40 My '64. (MIRA 17:6)

1. Nachal'nik otdela shchebenochayeb' zarodov i kar'yarov sluzhby
puti, Moskva.

MAYOROV, A.

AID - P-178

Subject : USSR/Aeronautics

Card : 1/1

Author : Mayorov, A., Capt. of the Guard, Engineer

Title : Life Extension of Special Equipment Apparatus of an Aircraft

Periodical : Air Force Herald, 1, 80 - 82, Ja 1954

Abstract : By a rational exploitation of aircraft equipment its total life, which is a combination of active life (use), and passive life (aging and deterioration), may be prolonged. The author explains how it should be accomplished.

Institution : None

Submitted : No date

PHASE I BOOK EXPLOITATION

SOV/3830

Galkin, N.P., A.A. Mayorov, and U.D. Veryatin

Tekhnologiya pererabotki kontsentratsionnoy urana (Technology of Processing Uranium Concentrates) Moscow, Atomizdat, 1960. 162 p. Errata slip inserted.
4,000 copies printed.

Ed.: T.P. Kalyuzhnaya; Tech. Ed.: Ye. I. Mazel',

PURPOSE: This book is intended for chemical engineers and technicians in uranium production.

COVERAGE: The book presents the theory and description of processes in the treatment of uranium concentrates to obtain pure salts and uranium metal. The authors discuss the applications of uranium, the properties of uranium and its ions in solution, methods for the production and refining of uranium concentrates, methods for the preparation of uranium tetrafluoride, the preparation of uranium metal, and measures for ensuring the safety of personnel in uranium manufacturing. The author also cites earlier books on uranium by Dzh. Kats and Ye. Rabinovich, S.Ye. Bresler, O.A. Songina, and I.P. Kislyakov. There are

Card 1/6

Technology of Processing Uranium Concentrates

SOV/3830

261 references: 91 Soviet, 101 English, 36 French, 27 German, 4 Italian, and 2 Swedish

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PHASE I BOOK EXPLOITATION

SOV/5820

Galkin, N. P., A. A. Mayorov, U. D. Veryatin, B. N. Sudarikov,
N. S. Nikolayev, Yu. D. Shishkov, A. B. Krutikov

Khimiya i tekhnologiya ftoristykh soedineniy urana (Chemistry and Technology of Uranium Fluoride Compounds) Moscow, Gosatomizdat, 1961. 347 p.
Errata slip inserted. 4500 copies printed.

Ed. (Title page): N. P. Galkin, Doctor of Technical Sciences, Professor;
Ed.: N. A. Korobtsova; Tech. Ed.: S. M. Popova.

PURPOSE: This book is intended for chemical and nuclear engineers and teachers and students of schools of higher education.

COVERAGE: The monograph reviews Soviet and non-Soviet literature published up to June 1960 on the physicochemical properties of uranium fluorides and methods of producing them from salts, oxides, and metallic uranium. Methods of processing uranium chemical concentrates to the tetra- and hexafluorides, which are initial products in the production of nuclear fuel,

Card ~~18~~

Chemistry and Technology of Uranium (Cont.)

SOV/5820

are of primary interest. Fluoride methods are preferred to hydrometallurgical methods because radioactive waste solutions in the former are either reduced to a minimum or eliminated. No personalities are mentioned. References accompany individual chapters.

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Ch. II. Production of Uranium Tetrafluoride From Aqueous Solutions	53
Ch. III. Dry Methods of Producing Uranium Tetrafluoride	78
Ch. IV. Production of Uranium Hexafluoride	136
Card 2/3	

GALKIN, N.P.; MAYOROV, A.A.; SHUBIN, V.A.; POLUEKTOVA, G.B.; KRYLOV, A.S.

Composition of precipitates forming in the reaction of ammonia with
aqueous solutions of uranyl sulfate or nitrate. Zhur.neorg.khim.

6 no.10:2319-2324 0 '61.

(MIRA 14:9)

(Uranyl sulfate) (Uranyl nitrate) (Ammonia)