NIKOLAYEV, A.P., otv. red.; SHKOL'NIK, B.I., kand. med. nauk, red.; BAKSHEYEV, N.S., prof., red.; VINOGRADOVA, S.P., prof., red.; GRISHCHENKO, I.I., prof., red.; KORNILOVA, A.I., kand. med. nauk, red.; KONSTANTINOV, V.A., prof., red.; MEDYANIK, R.V., red.; PAP, A.G., kand. med. nauk, red.; PETERBURGSKIY, F.Ye., prof., red.; SAVITSKIY, V.N., prof., red.; STEPANKOVSKAYA, G.S., kand. med. nauk, red.; TIMOSHENKO, L.V., dots., red.; YANKELEVICH, Ye.Ya., prof., red.

[Transactions of the Third Congress of Obstetricians and Cynecologists of the Ukrainian S.S.R.] Trudy III s"ezda akusherov-ginekologov Ukrainskoi SSR. Kiev, Gosmedizdat, 1962. 370 p. (MIRA 17:5)

1. S"yezd akusherov-ginekologov Ukrainskoy SSR. 3d, Kharkov, 1961. 2. Deystvitel'nyy chlen AMN SSSR (for Nikolayev).

KORNILOVA, [illegible], kand. med. nauk, otv. red.; [illegible], zasl. deyatel' nauki, prof., sad. vice. red.; [illegible], M.S., prof., red.; [illegible], R.V., kand. med. nauk, red.; [illegible], kand. med. nauk, red.

[Protection of the health of the mother and the newborn infant] Okhrana zdorov'ia [illegible]. Moskva, Meditsina, 1964. 239 p. (MIRA [illegible])

1. Khar'kovskiy nauchno-issledovatel'skiy institut okhrany materinstva i detstva im. N.K.Krupskoy.

MEDYANIK, T. V.

"Experience of mother and child care in the Ukrainian SSR"

report to be submitted for the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

MEDYANIK, V.M. [Medianyk, V.M.]

Production of thin isotopic copper foils for nuclear research. Ukr. fiz. zhur. 9 no.5:575 My '64. (MIRA 17:9)

1. Fiziko-tekhnicheskiy institut AN UkrSSR, Khar'kov.

BONDAR', A.D.; YEMLYANINOV, A.S.; KLYUCHAREV, A.P.; LISHENKO, L.G.; MEDYANIK, V.N.; NIKOLAYCHUK, A.D.; SHALAYEVA, O.Ye.

Making metal films of isotopes. Prib. i tekh. eksp. no.3:134-136 My-Je '60. (MIRA 14:10)

1. Fiziko-tekhnicheskiy institut AN USSR.
(Metallic films)

S/048/60/024/007/011/011
B019/B060

AUTHORS: Bondar', A. D., Yemlyaninov, A. S., Klyucharev, A. P., Lishenko, L. G., Medyanik, V. N., Nikolaychuk, A. D., Shalayeva, O. Ye.

TITLE: The Production of Isotope Targets for Nuclear Research

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960, Vol. 24, No. 7, pp. 929-933

TEXT: This article is the reproduction of a lecture delivered at the 10th All-Union Conference on Nuclear Spectroscopy held in Moscow from January 19 to 27, 1960. Methods of preparing foils from 16 elements are discussed. The authors used three methods for the preparation of free foils: electrolytic deposition, evaporation in vacuum by heating, and thermal dissociation. The principal characteristics of the three methods are briefly outlined. In the case of the electrolytic deposition, e.g., the selection of the right electrolyte is extremely important, the working conditions play a great part and so does the regeneration of the isotope. In the method of thermal dissociation, an important factor is the selection of the chemical compound

The Production of Isotope Targets for Nuclear Research

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and the temperature conditions, and as for the evaporation method, material and construction of the vaporizer are very important. Table 1 gives data for the preparation of foils from the elements Ni, Cu, Co, Zn, Cd, Mn, Fe, Ag, Cr, Sn by the electrolytic procedure, and specifies the compositions of electrolytes and the operational conditions in electrolysis. The lead foils were prepared by using 30 - 50 mg of lead, the electrolyte was 25% perchloric acid with an addition of gelatin. In order to obtain a homogeneous Pb deposition, the anode was rotated eccentrically. The preparation of Ge and Be foils by the evaporation method has been described a number of times, but the large isotope losses have never been avoided. With a view to reducing these losses the authors made use of a graphite crucible (Fig. 2), out of which Ge and Be were evaporated onto tantalum. The preparation of foils from other elements by this method is briefly dealt with. Foils of Zr, Ti, and Cr were prepared by thermal dissociation. This method involves the use of volatile compounds of these metals; the apparatus shown in Fig. 3 for the preparation of Zr and Ti iodides is accurately described. To prepare chromium iodide, the authors developed a new procedure. They prepared a paste-like silver chromium amalgam and thence obtained chromium iodide sealed in an ampul with the device shown in Fig. 4 at a temperature

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of 300°C. The ampul was broken under toluene and the chromium iodide was poured into a crucible (Fig. 5) together with the toluene. The crucible was then evacuated in a vacuum chamber, the toluene was evaporated, and the iodide was then heated to 800°C. The evaporating iodide was passed over a heated base, where it decomposed. The chromium deposited on the base, while the iodine was intercepted. The targets prepared by the methods described exhibit good properties. There are 5 figures, 1 table, and 10 references: 9 Soviet and 1 US.

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk USSR (Institute of Physics and Technology of the Academy of Sciences UkrSSR)

MEDYANIK, V.N. [Medianyk, V.N.]; KARIEV, V.M. [Kariev, V.M.]; KLIUCHAREV, A.F. [Kliuchariev, O.F.]

Production of isotopic iron and chromium targets for nuclear research. Ukr. fiz. zhur. 9 no.7:798-799 Jl '64. (MIRA 17:10)

1. Fiziko-tekhnicheskiy institut AN UkrSSR, Khar'kov.

S/032/62/028/012/005/023
B104/B186

AUTHORS: Karev, V. N., Klyucharev, A. P., and Medyanik, V. N.

TITLE: Determination of the thickness of metal foils from the change in intensity of the characteristic X-radiation

PERIODICAL: Zavodskaya laboratoriya, v. 28, no. 12, 1962, 1449-1451

TEXT: Two methods of determining the thickness of metal foils are compared. In the first method, the thickness is determined from the increase in intensity of the characteristic X-radiation with the growing thickness of a foil or coating when irradiated by a primary X-ray beam. In this case $I_d = I_\infty (1 - \exp(ad))$, where I_∞ is the intensity of the characteristic X-radiation from an infinitely thick layer, $a = -\left(\frac{\mu_1}{\sin\beta_1} - \frac{\mu_2}{\sin\beta_2}\right)$. μ_1 and μ_2 are the mass absorption coefficients for primary and secondary emission of the foil, β_1 and β_2 are the angles between the sample surface and the primary and fluorescing rays, respectively. d is the thickness. In the

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Determination of the thickness of...

second method, the thickness of the foil (coating) is determined from the decrease in intensity of the characteristic radiation of the backing when the thickness of the foil increases. In this case $I = I_0 \exp(ad)$, where I_0 is the intensity of the characteristic radiation from the backing without a foil (coating). Here, μ_1 and μ_2 are the mass absorption coefficients of the coating material for the primary X-ray beam and for the characteristic radiation of the backing. The thickness of Cr, Co, Ni, and Zn foils was determined using a Blokhin fluorescence X-ray spectrometer (M. A. Blokhin, V. F. Volkov, Zavodskaya laboratoriya, XXVII, 9, 1110, 1960) with a bent quartz crystal (R = 400 mm). The first method proved better for thin samples, the second for thick samples. For very thin samples the linear relation $I_d = I_\infty ad$ holds for the first method. When $d \geq d_c$, I_d will no longer depend on the thickness of the sample. $d_c = 0.25\mu$ for nickel and 0.5μ for zinc. As $\mu_{mean} \approx \mu_{1,2}$ for the second method, the thickness can be determined with sufficient accuracy from the formula

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$\ln I = \ln I_o - \left(\frac{1}{\sin\beta_1} + \frac{1}{\sin\beta_2} \right) \mu_{mean} \varrho d$. There are 3 figures and 2 tables.

ASSOCIATION: Fiziko-tekhnicheskiy institut Akademii nauk USSR (Physico-technical Institute of the Academy of Sciences UkrSSR)

Card 3/3

L 46703-66 EWT(m)/EWP(k)/EWP(t)/EYI IJP(c) JD/HW/JG/GD

ACC NR: AT6020710 (N) SOURCE CODE: UR/0000/65/000/000/0118/0125

63

AUTHOR: Karev, V. N.; Klyucharev, A. P.; Lishenko, L. G.; Medyanik, V. N. B+1

ORG: Physicotechnical Institute AN UkrSSR (Fiziko-tekhnicheskiy institut AN UkrSSR)

TITLE: Production of foils of platinum-group metals and gold, and measurement of their thickness

SOURCE: AN UkrSSR. Fizika metallicheskikh plenok (Physics of metal films). Kiev, Naukova dumka, 1965, 118-125

TOPIC TAGS: gold, platinum group metal, metal film, metal deposition, metal property, x ray absorption, x ray measurement, isotope

ABSTRACT: The purpose of the study was to obtain, for nuclear-research purposes, thin foils of Pt, Pd, and Rh, which have not been obtained in foil form before, starting with small amounts of expensive isotopic raw material. It was also desired to obtain foils of gold and of the other metals with minimum metal loss. All foils were prepared by deposition from specially treated electrolytes, the production of which is described. The foil thickness was determined from its absorption of monochromatic x-rays. This is claimed to be more accurate than weighing. The apparatus used for this measurement is described in detail. The Pd and Rh foils were of uniform thickness (up to 7 μ), but those of Pt and Au exhibited considerable non-uniformity, attributed to irregularities in the relative electrode position, unevenness of the cathode surface, and to electric and electrochemical factors. Orig. art. has: 4

Card 1/2

L 46702-66

ACC NR: AT6020710

figures, 2 formulas, and 2 tables.

SUB CODE: 20, 11/ SUBM DATE: 30Oct64/ ORIG REF: 006/ OTH REF: 004

pb

Card 2/2

ACC NR: AP7000019 SOURCE CODE: UR/0080/66/039/011/2525/2529

AUTHOR: Karev, V. N.; Klyucharev, A. P.; Lishenko, L. G.; Medyanik, V. N.

ORG: none

TITLE: Preparation of platinum group and gold metal foils and measurement of their thickness

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 11, 1966, 2525-2529

TOPIC TAGS: metal film, palladium, rhodium, gold, platinum, metal plating

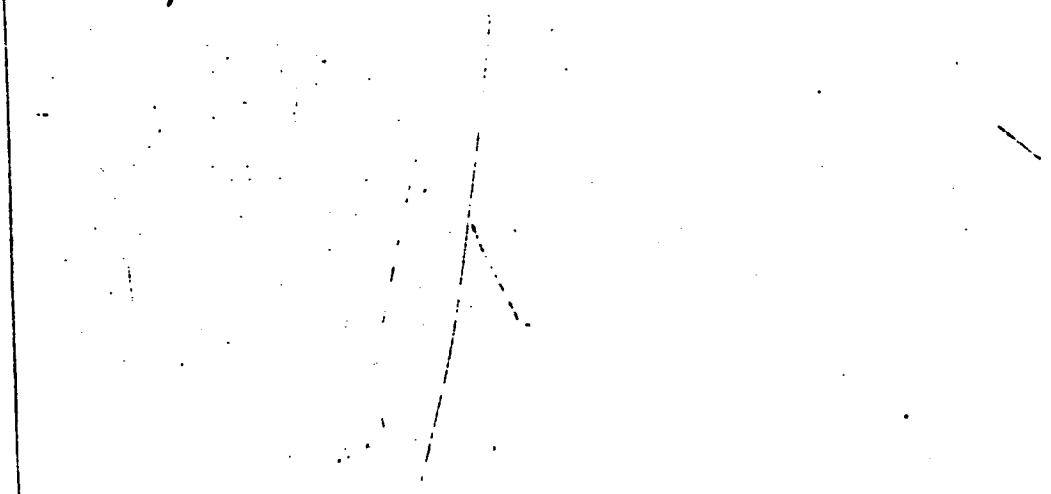
ABSTRACT: The purpose of the work was to prepare palladium, rhodium, platinum and gold foils for nuclear studies by starting from small quantities of expensive isotopic raw material, using a method which involved a minimum loss and a maximum utilization of the electrolyte. The conditions of electrodeposition and compositions of the electrolytic baths are given. Platinum anodes were used in all cases. The baths described made it possible to obtain Pd, Pt, Rh and Au foils 0.5 to 15 μ thick and 22 mm in diameter. The thickness of a foil in any given area was determined by using an x-ray method based on the absorption of a narrow monochromatic beam of x rays by the foil. The measurements were carried out by means of a shortwave x-ray fluorescence spectrometer. A certain nonuniformity observed in the thickness of Au and Pt foils is attributed to the geometrical arrangement of the electrodes relative to each other, the state of the cathode surface, and electric and electrochemical factors. Authors

Card 1/2 UDC: 621.793:546.91/.98+546.59

ACC NR: AP7000019

express their appreciation to G. V. Yakunina for her considerable practical assistance.
Orig. art. has: 3 figures, 2 tables and 2 formulas.

SUB CODE: 11,07/ SUBM DATE: 03Jun63/ ORIG REF: 006/ OTH REF: 004



Card 2/2

MEDYANNIK, A.

It has become lighter in the mines. Sev.shakht. 12 no.12:16 D '63. (MIRA 17:3)

1. Zamestitel' glavnogo inzhenera shakhtoupravleniya "Severnoye", Donetskaya obl.

1. MEDYANTSEV. A. A.

2. USSR (600)

4. Karaganda Basin--Coal Mines and Mining

7. Mining an inclined mine shaft in the Karaganda coal basin. Ugol' 27 12 no1D '52.

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

MEDYANTSEV, A.I.

BARLAS, V.Ya. [translator]; MEDYANTSEV, A.I. [translator]; PETRENKO, V.S., [translator]; PUSHCHAROVSKIY, Yu.M. [translator]; TUGOLESOV, D.A., red.; ROMANOVICH, G.P., red.; NIKIFOROVA, A.N., tekhn.red.

[Living structural geology; a collection of articles. Translated from the English, German, and French] Zhivaia tektonika; sbornik statei. Perevod s angliiskogo, nemetskogo i frantsuzskogo V.IA.Barlasa i dr. Pod red.i s predisl.D.A.Tugolesova. Moskva, Izd-vo inostr. lit-ry, 1957. 339 p. (MIRA 10:12)

(Geology, Structural)

ALEKSEYEV, M.N.; KUPRINA, N.P.; MEDYANTSEV, A.I.; KHOREVA, I.M.; RAVSKIY, E.I., otv.red.; MISHINA, R.L., red.izd-va; SUSHKOVA, L.A., tekhn.red.

[Stratigraphy and correlation of Neogene and Quaternary sediments in the northeastern part of the Siberian Platform and its eastern fold margin] Stratigrafiia i korreliatsiia neogenovykh i chetvertichnykh otlozhenii severo-vostochnoi chasti sibirskoi platformy i ee vostochnogo skladchatogo obramleniia. Moskva, Izd-vo. Akad. nauk SSSR. 1962. 125 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.66). (MIRA 15:9)

1. Chetvertichnyy otdel Geologicheskogo instituta AN SSSR (for Alekseyev, Kuprina, Medyantsev, Khoreva).
(Siberian Platform--Geology, Stratigraphic)

MEDYANTSEV, A.I.

Wind-facetted pebbles in Quaternary sediments of the lower Lena Valley. Biul.Kom.chetv.per. no.27:146-151 '62. (MIRA 16:4)
(Lena Valley--Pebbles)

MEDYANTSEV, A.N., inzhener.

Determination of the maximum vertical surface subsidence in the Karaganda coal basin. Trudy VNIMI no.25:142-149 '52. (MLRA 8:3)
(Karaganda Basin--Subsidences (Earth movements))
(Mining engineering--Tables, calculations, etc.)

1. MEDYANTSEV, A. N.

2. USSR (600)

4. Coal Mines and Mining - Karaganda Basin

7. Mining an inclined mine shaft in the Karaganda coal basin. Ugol', 27, no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclas ified.

1. MEDVANTSEV, A.N.

2. USSR (600)

4. Karaganda Basin - Coal Mines and Mining

7. Drawing protection pillars of coal in Karaganda. Ugol' No. 1 1953.

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

1. MEDYANTSEV, A. N.

2. USSR (600)

4. Mining Engineering - Safety Measures

7. Displacement of rocks and the protection of installations. Ugol' 28, No. 5, 1953.

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

MEDYANTSEV, A.N., inzhener.

Sinking inclined shafts in the Karaganda Basin. [Trudy] VNIMI no. 28:72-82 '54. (MLRA 8:2)
(Karaganda Basin--Shaft sinking)

MEDYANTSEV, A.N., inzhener; POLYAKOV, A.K., tekhnik.

Working a thick layer of coal under a Karaganda streetcar line.
Trudy VNIMI no.29:40-43 '54. (MLRA 8:3)
(Karaganda Basin--Subsidences (Earth movements))

MEDYANTSEV, A. N.

"Some Aspects of the Process of Surface Displacement in the Karaganda Coal Basin." Cand Tech Sci, Leningrad Order of Labor Red Banner and Order of Lenin Mining Inst, Min Higher Education USSR, Leningrad, 1955. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

MEDYANTSEV, A.N., kand.tekhn.nauk

Duration of surface subsidence over mine workings. Ugol' Ukr. 5 no.1:26-28 Ja '61. (MIRA 14:1)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta.
(Subsidences (Earth movements)) (Mining engineering)

MEDYANTSEV, A.N., kand.tekhn.nauk; CHERNYAYEV, V.I., inzh.

Displacement and deformation of rocks in the strata overlaying working areas. Ugol' Ukr. 5 no.11:25-27 N '61. (MIRA 14:11)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta.
(Subsidences (Earth movements)) (Coal mines and mining)

MEDYANTSEV, A.N., kand.tekhn.nauk; IOFIS, M.A., inzh. (g.Stalino)

Calculating deformations of the earth's surface in planning gas pipelines in mining areas. Stroi. truboprov. 6 no. 1:19-21 Ja '61. (MIRA 14:2)
(Soil mechanics) (Gas, Natural—Pipelines)

KOLBENKOV, S.P.; MEDVANTSEV, A.N.; IOFIS, M.A.; KOROTKOV, M.V.; MULLER, R.A.; YUSHIN, A.I.; MELAMUT, L.Sh.; KARGIN, G.P.; GERTNER, P.F.; ZARETSKIY, K.S.; CHECHKOV, L.V., red.izd-va; MAKSIMOVA, V.V., tekhn. red.

[Designing, constructing, and protecting buildings and structures on foundations undercut by mining] Proektirovanie, stroitel'stvo i okhrana zdanii i sooruzhenii na podrabatyvaemykh territoriiakh. Moskva, Gosgortekhizdat, 1963. 451 p. (MIRA 16:8)
(Earth movements and building)

MEDYANTSEV, A.N., kand.tekhn.nauk; PIRUGIN, V.A., inzh.

Condition of interchamber pillars at the Sverdlov Mine of the "Artemsol'" Mining Administration. Sbor.nauch.trud.UkrNIISol' no.6:26-33 '62. (MIRA 17:3)

MEDYANTSEV, A.N., kand. tekhn.nauk; KUKLIN, B.K., kand. tekhn. nauk; FILIMONOV, A.F., inzh.; BAKHTIN, A.F., inzh.; SHUSHKOV, A.M., inzh.; SINYUGIN, V.M., inzh.; CHERNYAYEV, V.I., inzh.; BEYLIN, V.Ya., inzh.; ZEL'VYANSKIY, A.Sh., inzh.; ZHIZLOV, N.I., otv. red.

[Selecting systems of multiple-horizon mining of flat seams in the Donets Basin] Vybor skhem sovmestnoi razrabotki pologikh plastov Donbassa. Moskva, Gosgortekhizdat, 1963. 106 p. (MIRA 17:5)

1. Donetsk. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut. 2. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Kuklin). 3. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta (for Medyantsev).

MEDYANTSEV, A.N., kand.tekhn.nauk

Readers' response to the article by F.M.TSiby "Protection of workings from mining operations conducted over and under the main mine"; "Ugol'," 1963, No.4. Ugol' 39 no.1:67-68 Ja '64. (MIRA 17:3)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta.

MEDYANTSEV, A.N., kand.tekhn. nauk

Maximum surface deformations. [Trudy]VNIMI no.50:190-193 '63. (MIRA 17:10)

VARLASHKIN, V.M., kand.tekhn.nauk; IOFIS, M.A., inzh.; MUZAFAROV, F.I., aspirant; MEDYANTSEV, A.N., kand.tekhn.nauk; SHUSHKOV, A.M., inzh.

Once again abour efficient methods of development mining and systems of mining continguous seams. Ugol' 39 no.2:62-68 F '64. (MIRA 17:3)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo marksheyderskogo instituta (for Varlashkin, Iofis, Medyantsev, Shushkov).
2. [redacted] (for Muzafarov).

MEDYANTSEV, A.N., kand. tekhn. nauk; IOFIS, M.A., inzh.; MAZUROVA, A.I., inzh.

Graphic distribution of displacements and deformations of the earth's surface above mine workings in the Donets Basin. [Trudy] VNIMI no.47:140-154 '62 (MIRA17:7)

MEDYANTSEVA, K.A.

24(0); 5(4); 6(2) PHASE I BOOK EXPLOITATION SOV/2215

Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni D.I. Mendeleyeva

Referaty nauchno-issledovatel'skikh rabot; sbornik No.2 (Scientific Research Abstracts; Collection of Articles, Nr 2) Moscow, Standartgiz, 1958. 139 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Komitet standartov, mer i izmeritel'nykh priborov.

Ed.: S. V. Rashetina; Tech. Ed.: M. A. Kondrat'yeva.

PURPOSE: These reports are intended for scientists, researchers, and engineers engaged in developing standards, measures, and gages for the various industries.

COVERAGE: The volume contains 128 reports on standards of measurement and control. The reports were prepared by scientists of institutes of the Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR (Commission on Standards, Measures, and Measuring Instruments under the USSR Council of Ministers). The participating institutes are: VNIIM - Vsesoyuznyy nauchno-issledovatel'skiy metrologii imeni D.I. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni D.I. Mendeleyev) in Leningrad; Sverdlovsk branch of this institute; VNIIK - Vsesoyuznyy nauchno-issledovatel'skiy institut Komiteta standartov, mer i izmeritel'nykh priborov (All-Union Scientific Research Institute of the Commission on Standards, Measures, and Measuring Instruments), created from MGIMIP - Moskovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Moscow State Institute of Measures and Measuring Instruments) October 1, 1955; VNIIFTRI - Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy (All-Union Scientific Research Institute of Physicotechnical and Radio-engineering Measurements) in Moscow; KhGIMIP - Khar'kovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Khar'kov State Institute of Measures and Measuring Instruments); and NGIMIP - Novosibirskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Novosibirsk State Institute of Measures and Measuring Instruments). No personalities are mentioned. There are no references.

Card 4/27

MEDYANTSEVA, L.K.; EYDINOV, V.Ya., nauchnyy red.; KUZNETSOVA, M.I., red. izd-va; LAKHAMAN, F.Ye., tekhn. red.

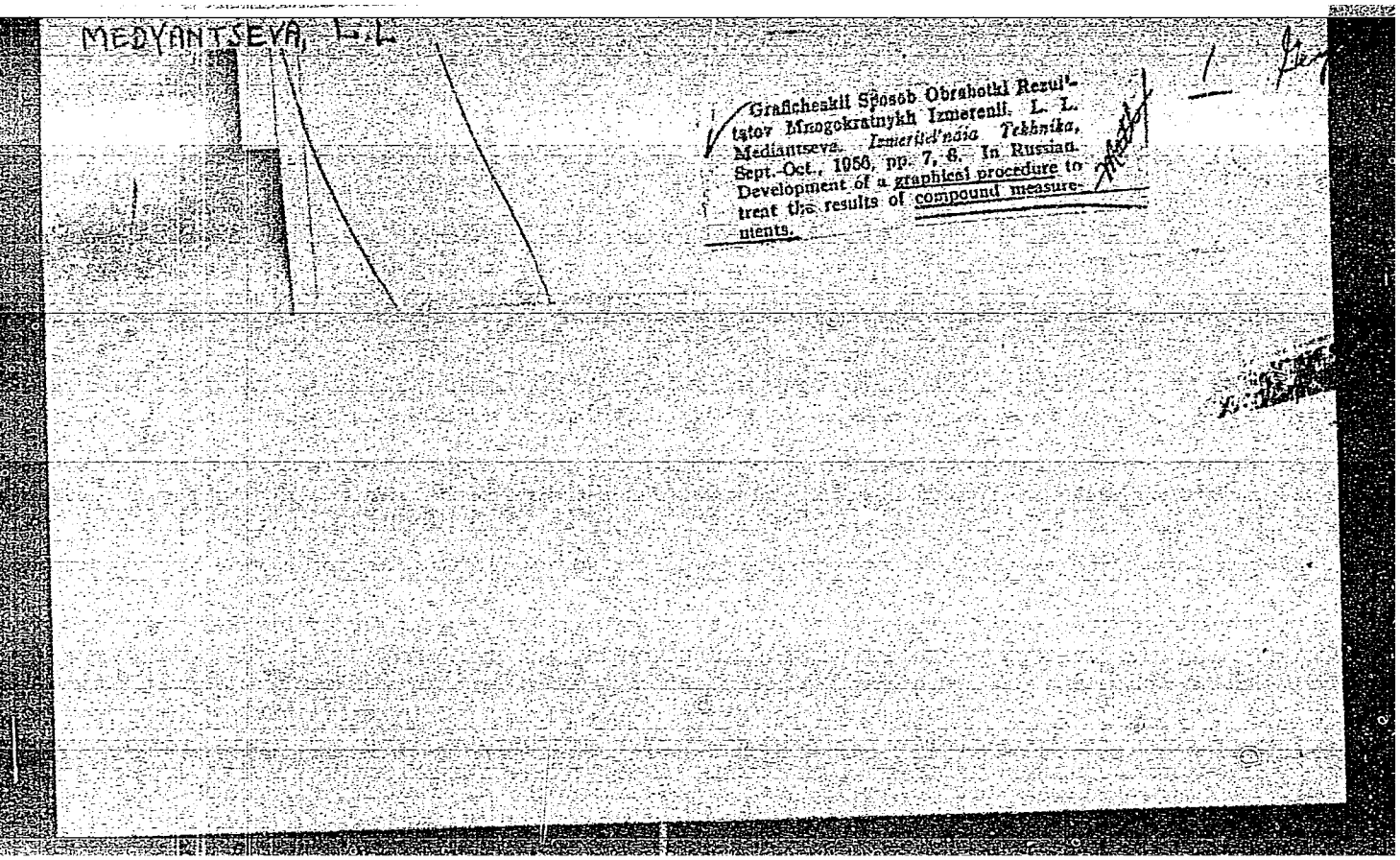
[Modern methods and devices for measuring angular measures] Sovremennye metody i pribory dlia izmereniia uglovykh mer. Moskva, Gos. izd-vo standartov, 1960. 35 p. (Seriia obzornykh monografii po izmeritel'noi tekhnike, no.15) (MIRA 15:4)
(Goniometry)

MEDYANTSEVA, L. L.

Medyantseva, L. L.

"Theoretical and Experimental Determination of the Permissible Error in Preparing and Measuring Goniometers in the Checking of Angle-Measuring Instruments," Commission on Standards, Measures, and Measuring Instruments, Council of Ministers USSR. All-Union Sci Res Inst of Metrology imeni D. I. Mendeleyev. Leningrad, 1955 (Dissertation for the degree of Candidate in Technical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955


MEDYANTSEVA, L.L.

Graficheskii Sposob Obrabotki Rezul'tatov Mnogokratnykh Izmerenii. L. L. Mediantseva. *Izmeritel'naia Tekhnika*, Sept.-Oct., 1956, pp. 7, 8. In Russian.
Development of a graphical procedure to treat the results of compound measurements.

MEDYANTSEVA, L.L.

Effect of the surface smoothness of angle gauges on the precision of measurements. Izm.tekh. no.4:26-27 Jl-Ag '56. (MLRA 9:11)
(Measuring instruments)

MEDYANTSEVA, L.L.; GORBACHEVA, V.V.

Initial method for controlling large first-grade check rules. Izm.tekh. no.11:17-18 N '61. (MIRA 14:11)
(Gauges)

MEDYANTSEVA, L.L.

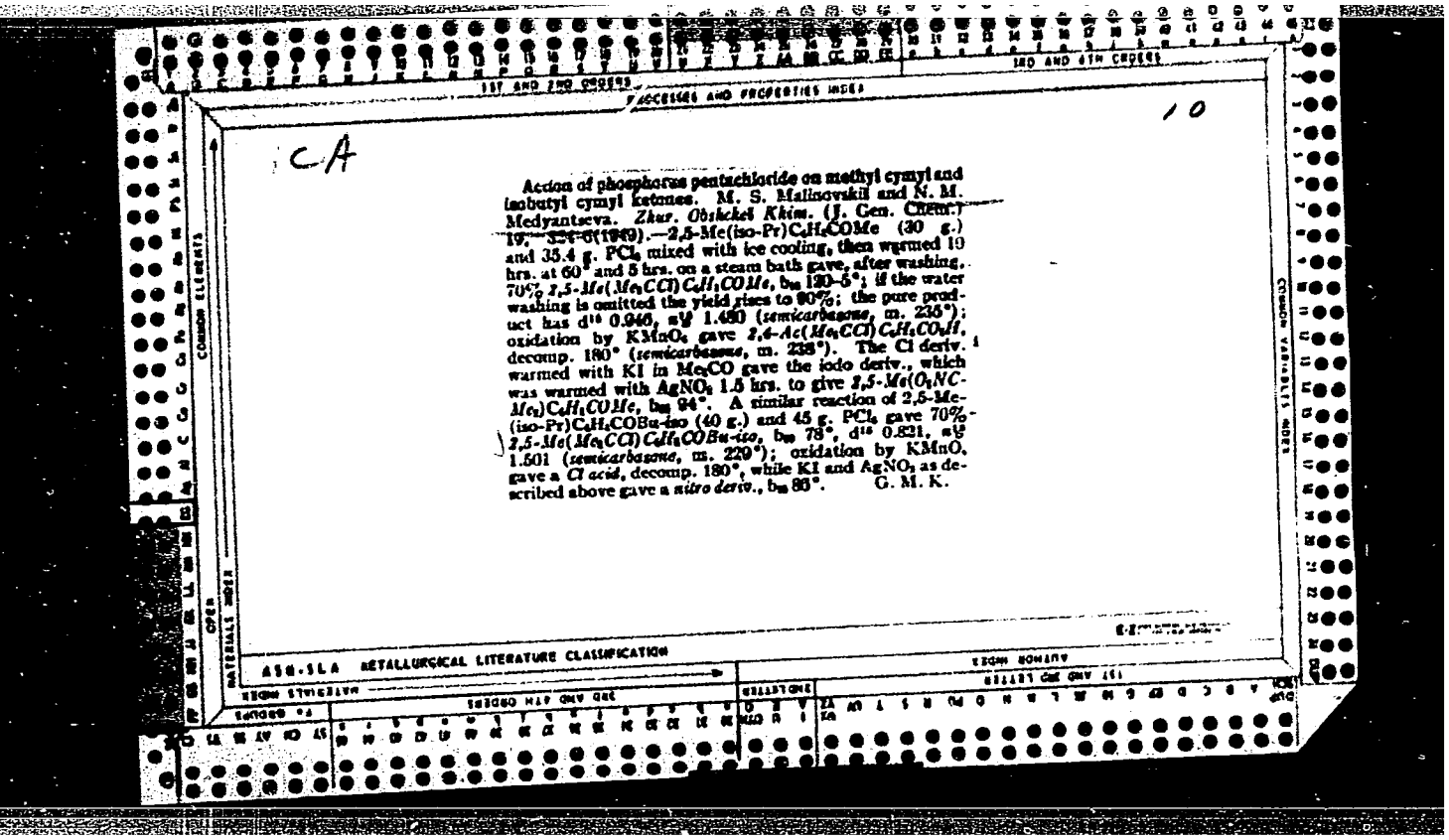
Effect of the curvature of measuring sufaces of gonimeters on the accuracy of measurements by various methods. Trudy inst.Kom.stand.,mer i izm. prib no.47:151-154 '61. (MIRA 15:12)

1. Sverdlovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta metrologii im. D.I.Mendeleyeva.
(Gonimeters—Testing)

MEDYANTSEV, L.L.; GORBACHEVA, V.V.

Using the method of microleveling for increasing the efficiency of the cheke of rectilinearity. Izm.tekh. no.8:22-23 Ag '62. (MIRA 16:4)

(Leveling)



CA

10

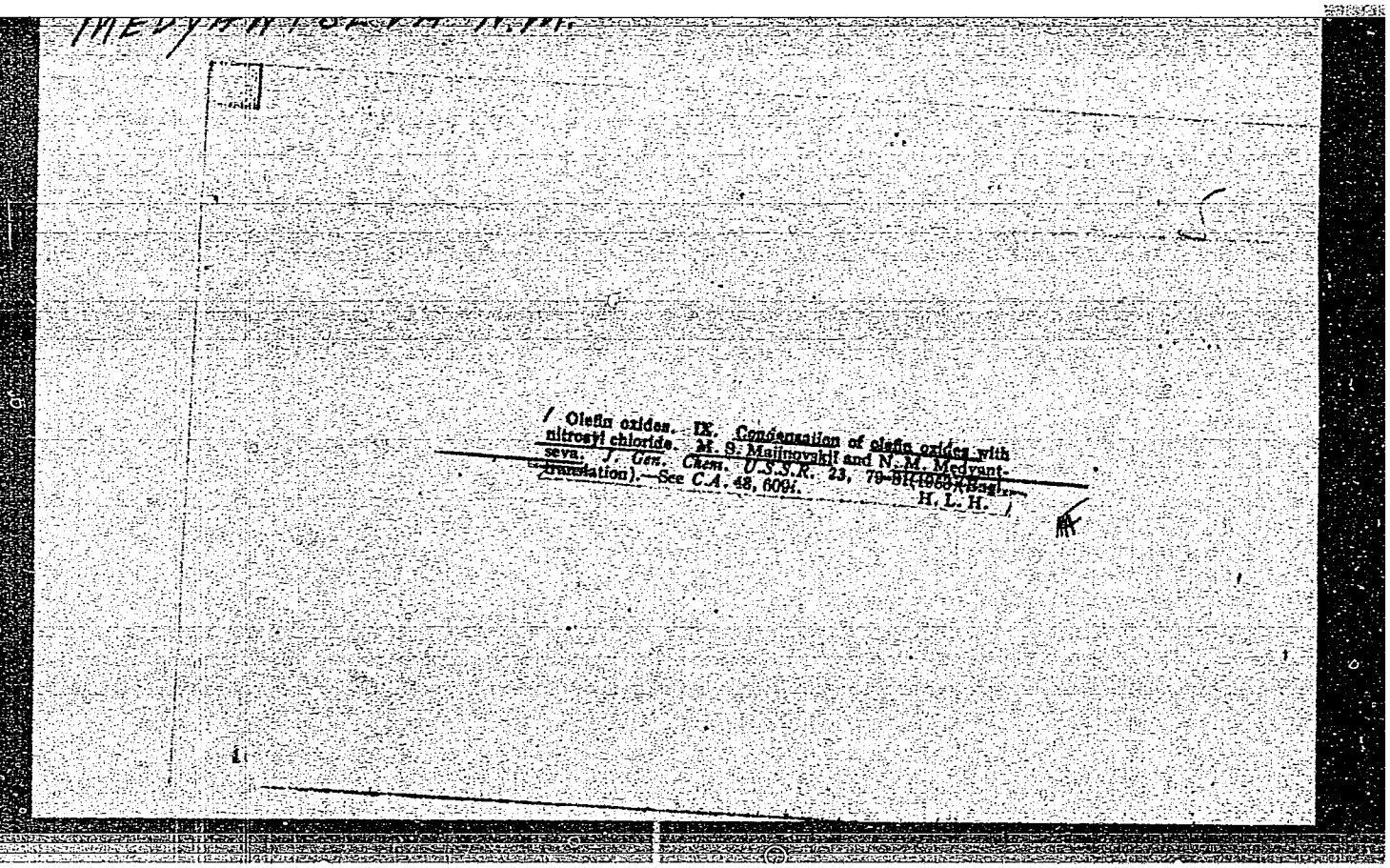
Action of phosphorus pentachloride on methyl cymyl and isobutyl cymyl ketones. M. S. Malinovskii and N. M. Medyantseva. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 19, 324-6(1949).—2,5-Me(iso-Pr)C_6H_3COMe (30 g.) and 35.4 g. PCl_5 mixed with ice cooling, then warmed 10 hrs. at 60° and 5 hrs. on a steam bath gave, after washing, 70% *2,5-Me(*Me_2CCl*)*C_6H_3COMe, b_{20} 120–5°; if the water washing is omitted the yield rises to 90%; the pure product has d^{15} 0.946, n_D^{15} 1.490 (*semicarbazone*, m. 235°); oxidation by $KMnO_4$ gave *2,4-Ac(*Me_2CCl*)*$C_6H_3CO_2H$, decomp. 180° (*semicarbazone*, m. 238°). The Cl deriv. warmed with KI in Me_2CO gave the iodo deriv., which was warmed with $AgNO_3$ 1.5 hrs. to give *2,5-Me(*O_2NCMe_2*)*C_6H_3COMe, b_{20} 94°. A similar reaction of 2,5-Me(iso-Pr)C_6H_3COBu-iso (40 g.) and 45 g. PCl_5 gave 70% *2,5-Me(*Me_2CCl*)*C_6H_3COBu-iso*, b_{20} 78°, d^{15} 0.821, n_D^{15} 1.501 (*semicarbazone*, m. 229°); oxidation by $KMnO_4$ gave a *Cl acid*, decomp. 180°, while KI and $AgNO_3$ as described above gave a *nitro deriv.*, b_{20} 86°. G. M. K.

CA

15

Influence of granulated superphosphates on some agricultural crops. N. I. Kukharenko and O. I. Medyantseva. *Doposidi Akad. Nauk Ukrain. R.S.R.* No 2, 111-5(1950).—When 5–40% of normal superphosphates are applied by broadcasting they are utilized by plants. The insolubilization and the resulting unavailability for plants are believed to be proportional to the amt. of contact between fertilizer and the soil. Reduction of this contact increases effective use of superphosphates. E.g., application of fertilizer in rows is superior to broadcasting. Granulation [illegible] superphosphates should also reduce contact with the soil. This was tried on oats grown in pots. Ordinary superphosphate also thoroughly mixed with soil in excessive amt. (1.5 g. P2O5 per kg. soil-recommended dosage 0.6 g.) reduced yield in chernozem soil from Drabow by 15% and in clayey soil from Kiev by 9%. Similar application of granulated superphosphates (of 1-2.5-mm. diam.) increased yields on these soils by 14% and 17%. With sugar beets in chernozem plots and in turfy plots, the granular form was most effective also, especially when applied with the seed. No difference between the normal and granulated forms could be shown on corn.

Murray Senkus



Olefin oxides. IX. Condensation of olefin oxides with nitrosyl chloride. M. S. Malinovskiĭ and N. M. Medvantseva. *J. Gen. Chem. U.S.S.R.* 23, 79-81(1953)(Russ. translation). See *C.A.* 48, 609i. H. L. H.

MEDVANTSEVA, N.M.

Chem Abs V48
1-25-54
Organic Chemistry

Chem

Olefin oxides. IX. Condensation of olefin oxides with nitrosyl chloride. M. S. Malinovskii and N. M. Medvantseva (I. Franko State Univ., Lvov). *Zhur. Obshchei Khim.* 23, 84-6(1953); cf. C.A. 45, 6573f; 46, 9282g.—NOCl (from nitrosylsulfuric acid and NaCl) was passed into 10 g. ethylene oxide (I) in 1 vol. Et_2O until red color is attained; the reaction is run with ice cooling and after 24 hrs. at 0° the mixt. was distd. (immediate distn. yields only unreacted materials). There was obtained 18 g. colorless product, b_{100} 94–5°, d_{20} 1.2178, identified as $ClCH_2CH_2ONO$, with hot NaOH it regenerates I and $NaNO_2$. Similar reaction with propylene oxide (7 g.) gave 11.8 g. *MeCH(ONO)CH$_2$Cl*, b_{100} 101–2°, d_{20} 1.1214; with aq. K_2CO_3 it gave MeCH(OH)CH_2Cl. Cyclohexene oxide (7 g.) gave 8 g. *trans-2-cyclohexyl nitrite*, b_{12} 81–3°, n_D^{20} 1.4488, with aq. K_2CO_3 it gives cyclohexene chlorohydrin, while hot NaOH gives cyclohexene oxide. Epichlorohydrin (7 g.) gave 9 g. *ClCH$_2$CH(ONO)CH$_2$Cl*, b_{12} 72–4°, d_4 1.3434; dil. aq. K_2CO_3 yields $ClCH_2CH(OH)CH_2Cl$, while NaOH yields epichlorohydrin. All the above products induce headaches after inhalation.

G. M. K[illegible]

MEDYANTSEVA, N. M.

257T16

USSR/Chemistry - Chlorocarbonic Esters Feb 53

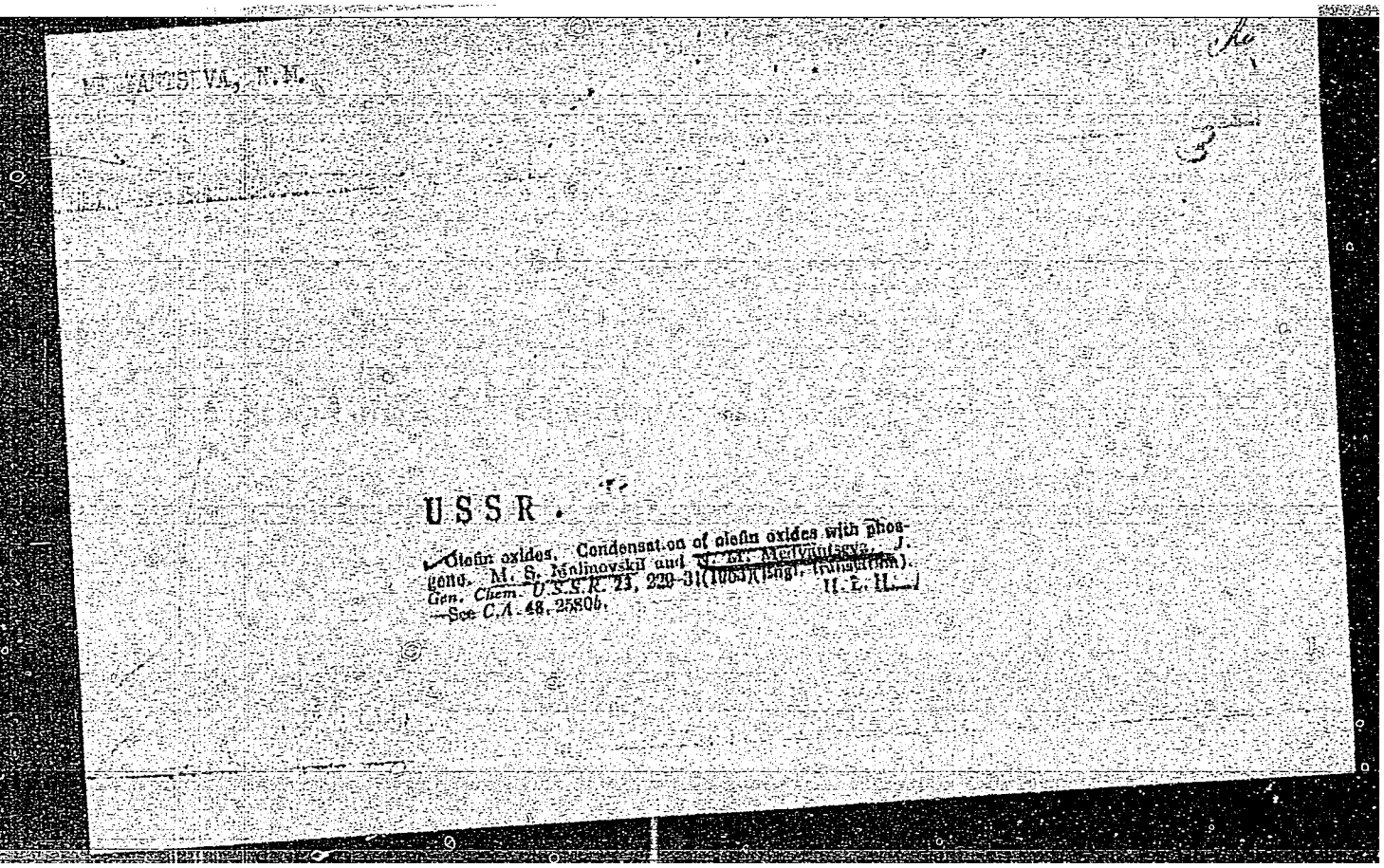
"Investigation of Olefin Oxides: The Condensation of Olefin Oxides With Phosgene," M. S. Malinovskiy and N. M. Medyantseva, Chair of Org Chemistry, L'vov State U imeni I. Franko

Zhur Obshch Khim, Vol 23, No 2, pp 221-223

Chloro-substituted chlorocarbonic esters can be successfully prepd through the action of phosgene on the corresponding olefin oxides. During the reaction between phosgene and olefin oxides,

257T16

intermediate chlorinated esters of carbonic acid are not formed, which simplifies the purification of the chlorinated esters of chlorocabonic acid. Condensation of the olefin oxide with phosgene in an Et bromide soln is most expedient.



USSR

Olefin oxides. Condensation of olefin oxides with phosgene. M. S. Malinovskii and N. G. Merkulova. J. Gen. Chem. U.S.S.R. 23, 229-31(1953)(Engl. translation). See C.A. 48, 2580b.

MINKIN, V.I.; SIMONOV, A.M.; MEDYANTSEVA, Ye.A.

Mechanism of the electronic effect of the trimethyl ammonium group from data obtained in studying the kinetics of the reaction of benzene and stilbene amino derivatives with picryl chloride. Zhur.ob.khim. 32 no.5:1591-1597 My '62. (MIRA 15:5)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Ammonium compounds, Substituted) (Benzene) (Picryl chloride)

MINKIN, V.I.; MEDYANTSEVA, Ye.A.; SIMONOV, A.M.

Acoplanar arrangement of molecules in benzalaniline and its derivatives. Dokl. AN SSSR 149 no.6:1347-1350 Ap '63.
(MIRA 16:7)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno akademikom B.A.Arbuzovym.
(Benzaldehyde) (Aniline) (Molecular orbitals)

MINKIN, V.I.; MEDYANTSEVA, Ye.A.; OSTROUMOV, Yu.A.

Application of the method of molecular orbitals to the study of the reactivity of Schiff bases. Methylation reactions. Zhur. ob. khim. 34 no. 5:1512-1517 My '64. (MIRA 17:?)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.

MINKIN, V.I.; ZHDANOV, Yu.A.; MEDYANTSEVA, Ye.A.

Electronic effects of substituents in aromatic systems as transmitted through the azomethine group. Dokl. AN SSSR 159 no.6:1330-1332 D '64 (MIRA 18:1)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno akademikom M.I. Kabachnikom.

ZHDANOV, Yu.A.; MINKIN, V.I.; MEDYANTSEVA, Ye.A.

Study of the electron conduction properties of arylazomethine bridge groups. Zhur. ob. khim. 35 no.7:1280-1287 Jl '65. (MIRA 18:8)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.

RUMANIA/Analytical Chemistry. Analysis of Inorganic Compounds. E

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70599.

Author : Medyanu, Manu.
Inst :
Title : The Application of Electrographical Analysis for the Identification of the Major Alloying Elements in Steel.

Orig Pub: Rev. chim., 1958, 9, No 2, 103-105.

Abstract: It has been established that by means of an electrograph is possible to distinguish an alloyed steel from a carbon one, and to identify the nature of the alloying elements. On a filter paper impregnated with a suitable electrolyte (and sometimes with a reagent), the electro-

Card : 1/2

RUMANIA/Analytical Chemistry. Analysis of Inorganic Compounds. E

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70599.

grams are prepared at a definite current density and timing. The electrograms are further treated with a special reagent to reveal an unknown element. To detect Ni the filter paper is impregnated with a solution containing 30 ml of a 2N CH_3COOH, 10 ml of 1% alcoholic dimethylglyoxime solution and 5-10 drops of a 2N CH_3COONa. An electrogram is then taken within 4-5 seconds at 7-8 volts and a current density of $1a/cm^2$. If Ni is present a pinkish-red spot appears. To detect Mo and Cr, a filter paper is impregnated with an electrolyte only (a 30% $NaNO_3$ solution), and an electrogram is taken within 8-12 seconds at 8-10 volts and a current density of 1.5 a/cm^2. A part of the obtained electrogram

Card : 2/4

RUMANIA/Analytical Chemistry. Analysis of Inorganic Compounds. E

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70599.

($1\ cm^2$) is treated with a solution containing KCNS and $SnCl_2$, and in the presence of Mo the solution becomes crimson-red in color. If W is present then $H_2W_2O_7$ precipitates upon the addition of concentrated HCl to the solution. The other part of the electrogram is treated with 10-15 drops of a saturated Na_2O_2 solution, whereupon Cr^{3+} is oxidized to CrO_4^{2-} and the cations Fe^{3+}, Co^{2+}, Mn^{2+}, Ni^{2+}, Pb^{2+}, Bi^{3+} form difficultly soluble hydroxides. The solution obtained is applied to a filter paper, followed by benzidine acetic acid solution. In a presence of Cr a blue color appears. The concentration of each of the studied elements can be

Card : 3/4 14

RUMANIA/Analytical Chemistry. Analysis of Inorganic Compounds. E

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70599.

evaluated approximately by the intensity of colors produced. The time required for one determination in a series of analysis is $\leq$ 1 minute.

Card : 4/4

ACCESSION NR: AP4039585 S/0185/64/009/005/0575/0575

AUTHOR: Medyany*k, V. M.

TITLE: Deposition of thin isotopic copper foils for nuclear research

SOURCE: Ukrayins'ky*y fizy*chny*y zhurnal, v. 9, no. 5, 1964, 575

TOPIC TAGS: copper foil, ultra thin foil, foil deposition, electrolytic deposition

ABSTRACT: Isotopic copper foil 25 mm in diameter, 0.7—1.2 mm thick, and free of through porosity was electrolytically deposited on a polished, degreased, tantalum substrate in electrolyte containing (g/l): $CuSO_4 \cdot 5H_2O$, 35.0; $Na_4P_2O_7$, 110.0; Na_3PO_4, 95.0; and $C_4H_4O_6KNa \cdot 4H_2O$, 35.0. Electrolysis was carried out at room temperature with a current density of 0.5 amp/cm^2. Copper foil is easily removed from the substrate.

Card 1/2

ACCESSION NR: AP4039585

ASSOCIATION: Fizy*ko-tekhnichny*y insty*tut AN URSR, Kharkov (Physicotechnical Institute, AN URSR)

SUBMITTED: 29Dec63 DATE ACQ: 19Jun64 ENCL: 00

SUB CODE: MM, ML NO REF SOV: 002 OTHER: 000

Card 2/2

BERENTEI, D.; KALABAI, L.; MED'YESHI, Z.

Treatment of pseudarthrosis of the femoral neck. Ortop., travm. i protez. no.1:28-32 '62. (MIRA 15:2)

1. Iz 2-y khirurgicheskoy kliniki Budapeshtskogo meditsinskogo universiteta. Adres avtorov: Budapesht, 2-ya khirurg. klinika Budapeshtskogo meditsinskogo universiteta.

(FEMUR—DISEASES) (PSEUDARTHROSIS)

AYZENVERG, D.Ye., geolog; BALUKHOVSKIY, N.F., geolog; BARTOSHEVSKIY, V.I., geolog; BASS, Yu.B., geolog; VADIMOV, N.T., geolog; GLADKIY, V.Ya., geolog; DIDKOVSKIY, V.Ya., geolog; YERSHOV, V.A., geolog; ZHUKOV, G.V., geolog; ZAMORIY, P.K., geolog; IVANTISHIN, M.N., geolog; KAPTARENKO-CHERNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog; KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.N., geolog; KRASHENINNIKOVA, O.V., geolog; KUTSYBA, A.M., geolog; LAPCHIK, F.Ye., geolog; LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M., geolog; MEDYNA, V.S., geolog; MOLYAVKO, G.I., geolog; NAYDIN, D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV, S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D., geolog; SIROSHTAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHAREVICH, P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTIMOVSKIY, Yu.B., geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L., geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV, P.Ya., glavnyy redaktor; FILIPPOVA, B.S., red. izd-va; GUROVA, O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologiia SSSR. Glav. red. P.IA.Antropov. Vol.5.[Ukrainian S.S.R., Moldavian S.S.R.] . . Ukrainskaia SSR, Moldavskaia SSR. Red. V.A. Ershov, N.P. Semenenko. Pt.1.[Geological description of the platform area] Geologicheskoe opisanie platformennoi chasti. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1958. 1000 p. [___ Supplement] ___Prilozheniia.

(Continued on next card)

AYZENVERG, D.Ye.---(continued) Card 2.
3 fold.maps (in portfolio) (MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geologii i okhrany nedr. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova). 3.Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov). 4. AN Ukrainskoy SSR (for Semenenko).
(Ukraine--Geology) (Moldavia--Geology)

MEDYNSKA, Alicja (Gliwice, ul. Konopnickiej 1 Diagn. Wojew. Poradnia Onkologii)

Usefulness of microfilm mass examinations in early detection of neoplastic lesions in the thorax. Polski tygod. lek. 13 no.46:1822-1823 17 Nov 58.

1. Z Diagnostycznej Wojewodzkiej Poradni Onkologicznej w Gliwicach: dyrektor: dr med. E. Salit-Aleksandrowicz.
(THORAX, neoplasms
mass exam. for early detection (Pol))
(NEOPLASMS, prev. & control
mass exam. (Pol))

MEDYNSKA, Alicja

Usefulness of domestic roentgen films in establishing occupational exposures to radium gamma rays. Polski tygod. lek. 16 no.39:1486-1490 25 S '61.

1. Z Instytutu Onkologii, Oddział w Gliwicach; dyrektor: dr med. Jerzy Świecki.

(RADIOMETRY) (RADIUM)

DRATH, Anna; MEDYNSKA, Lucyna

Dupre's motor weakness. Neurol. etc., polska 11 no.4:553-559 '61.

1. Z Zakladu Higieny Psychicznej i Psychiatrii Dziecicej PAN w Warszawie Kierownik Zakladu: prof. dr K. Dabrowski.
(MOVEMENT DISORDERS)

Medynski B.

Poland /Chemical Technology. Chemical Products and Their Application I-1

General questions

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31203

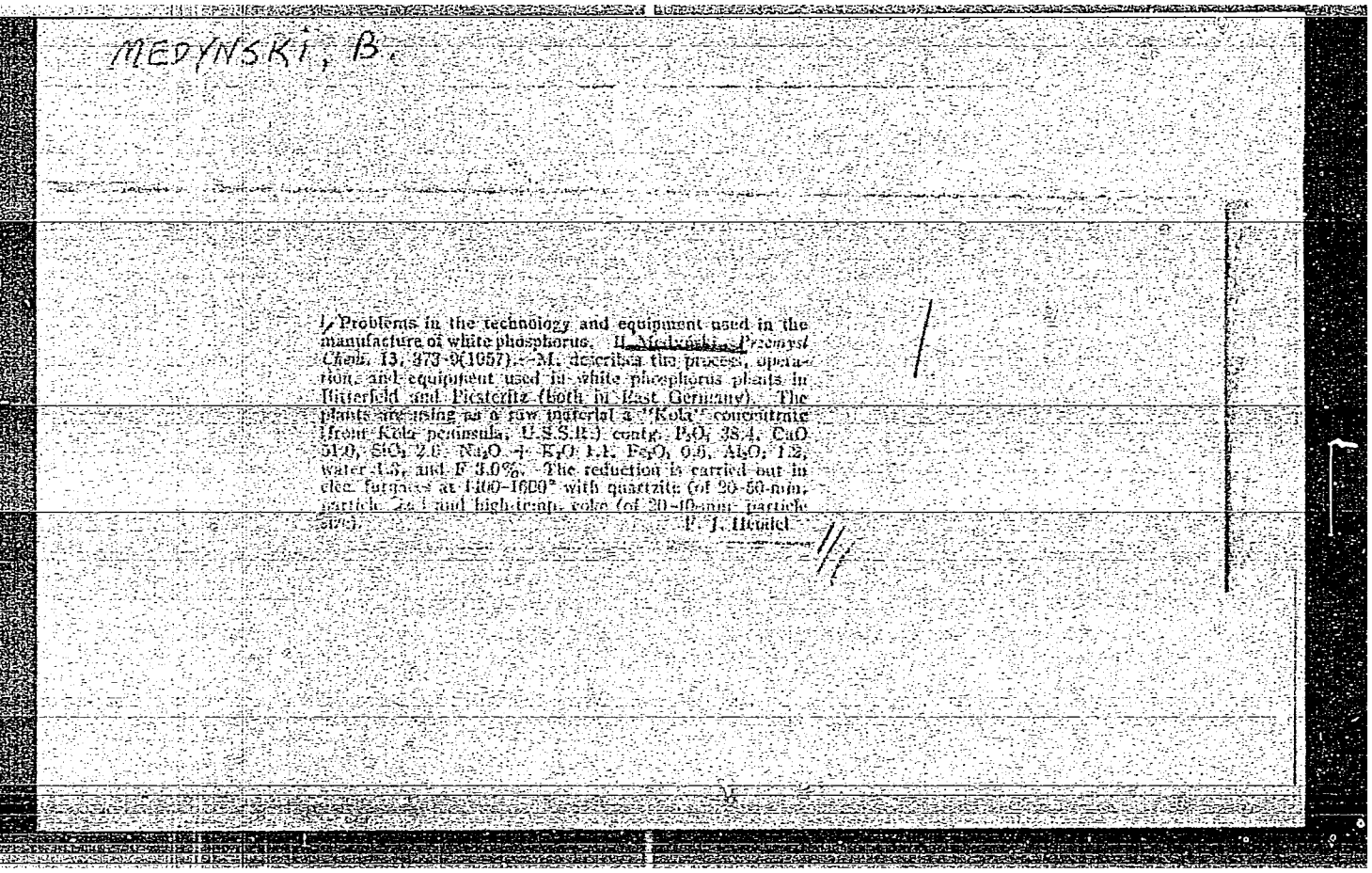
Author : Medynski B.

Title : Problems of Technology, Production and Planning in Chemical Industry of German Democratic Republic

Orig Pub: Przem. chem., 1956, 12, No 7, 365-367

Abstract: On the basis of a familiarization with the chemical plants at Piesteritz and Bitterfeld, which manufacture P and H_3PO_4, there are considered the principles of resolution of some problems of chemical industry in the German Democratic Republic: work methods and labor conditions, planning methods, etc.

Card 1/1



MEDYNSKI, B.

1/ Problems in the technology and equipment used in the manufacture of white phosphorus. B. Medynski. *Przemysl Chem.* 13, 373-9(1957).—M. describes the process, operation, and equipment used in white phosphorus plants in Hütterfeld and Piesteritz (both in East Germany). The plants are using as a raw material a "Kola" concentrate from Kola peninsula, U.S.S.R.) contg. P_2O_5 38.4, CaO 51.0, SiO_2 2.0, $Na_2O + K_2O$ 1.1, Fe_2O_3 0.6, Al_2O_3 1.2, water 1.5, and F 3.0%. The reduction is carried out in elec. furnaces at 1400–1600° with quartzite (of 20–50-mm. particle size) and high-temp. coke (of 20–40-mm. particle size). P. J. Heidel

MEDYNSKI, J.

MEDYNSKI, J. Surveying as a basis for track works. p. 57

V ol. 8, no. 3, Mar. 1956
PRZEGLAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East E$_u$ropean Accession, Vol. 6, no. 2, 1957

MEDYNSKI, J.

MEDYNSKI, J. Surveying units. p. 99

Vol. 8, no. 5, May 1956
PRZEGLAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

MEDYNSKI, J.

Geodetic substrata.

p. 223 (Przeglad Kolejowy Kropowy. Vol. [illegible], no. 10, Oct. 1958. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

MEDYNSKI, Kazimierz, mgr inz.

Influence of certain parameters of the suction system on the dynamic characteristics of single-cylinder two-stroke motorcycle engines. Techn motor 14 no.8:233-236, 237 Ag '64

MEDYNSKI, M.

Effect of dihyroergotamine on fetal pulse. Polski tygod. lek. 7 no.22: 721-724 2 June 1952. (CLML 23:2)

1. Of the First Gynecological Clinic (Head--Prof. Stanislaw Krzysztoporski, M.D.) of Wroclaw Medical Academy.

MEDYNSKI, H.

Resuscitation of the newborn; application of modern studies of fetal physiopathology. Polski tygod. lek. 7 no. 38:1180-1183 22 Sept 1952. (CLML 23:5)

1. Of the First Obstetric-Gynecological Clinic (Head--Prof. St. Krzysztoporski, M.D.) of Wroclaw Medical Academy.

MEDYNSKI, Marian, Dr med. (Wroclaw, ul. Wroclawczyka 45, m. 3)

Effect of dihydroergotamine on cardiac function in a fetus.
Polski tygod. lek. 9 no.13:385-388; contd. 29 Mar 54.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej we Wroclawiu.
(HEART, embryology,
eff. of dihydroergotamine on fetal heart)
(ERGOT ALKALOIDS, effects,
dihydroergotamine, on fetal heart)

MEDYNSKI, Marian, Dr med. (Wroclaw, ul. Wroclawczyka 45/3)

Effect of dihydroergotamine on fatal heart function. Polski tygod. lek. 9 no.14:421-428 5 Apr 54.

(ERGOT ALKALOIDS, effects,
dihydroergotamine, on fetal heart)
(HEART, embryology,
eff. of dihydroergotamine on fetal heart)
(FETUS,
eff. of dihydroergotamine on fetal heart)

MIDYNSKI, Marian, Dr med. (Wroclaw, ul. Wroclawczyka Nr 45, m.3)

Effect of dihydroergotamine on fetal heart function. Polski tygod. lek. 9 no.15:466-469 12 Apr 54.

(HEART, embryology,
eff. of dihydroergotamine on fetal heart)
(ERGOT ALKALOIDS, effects,
dihydroergotamine on fetal heart)
(FETUS,
eff. of dihydroergotamine on fetal heart)

MEDYNSKI, Marian (Wroclaw, Wroclawczyka 45)

Uterography in early cases of uterine cancer. Gin. polska 25 no.4: 388-398 Oct-Dec 54.

1. Z Kliniki Radiologicznej Akademii Medycznej we Wroclawiu. Kierownik: prof. dr. W.Grabowski i z Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej we Wroclawiu Kierownik: prof. dr St.Krzysztoporski.
(UTERUS, neoplasms, diag., x-ray)

MEDYNSKI, Marian; WOZNIEWSKI, Aleksy

Extraperitoneal tumor as labor obstruction. Gin. polska 28 no.4:427-430 July-Aug 57.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych A. M. w Lodzi. Kierownik: prof. dr S. Krzysztoporski i z Oddaizlu Onkologicznego we Wroclawiu Ordynator: dr J. Filipczyk. Adres: Lodz, ul. Przyrodnicza 7/8.

(LABOR, compl.
extraperitoneal teratoma (Pol))
(PERITONEUM, neoplasms
teratoma, extraperitoneal complicating labor (Pol))
(TERATOMA, case reports
extraperitoneal, complicating labor (Pol))

Medynski, Marian

MEDYNSKI, Marian (II Klinika Chorob Kobiecych i Poloznictwa, Lodz, Przyrodnicza 11?)

Effect of antibiotics on the clinical picture of appendicitis & its post-operative course in pregnancy. Gin. polska 28 no.6:675-684 Nov-Dec 57.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych A. M. w Lodzi. Kierownik: prof. dr St. Krzysztoporski.

(APPENDICITIS, in pregn.
surg. & contraindic. for antibiotic ther. (Pol))
(ANTIBIOTICS, ther. use
appendicitis in pregn., contraindic. (Pol))
(PREGNANCY, compl.
appendicitis, surg. & contraindic. for antibiotic ther. (Pol))

MEDYNSKI, Marian

Mechanism of labor in regard to Rydberg's theory. Gin. polska 29 no.3: 297-309 May-June 58.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych A.M. w Lodzi Kierownik: prof. dr St. Krzysztopotski. Adres: II Klinika Poloznictwa i Chorob Kobiecycy A.M. w Lodzi, ul. Przyrodnicza 7/9.

(LABOR, physiol.
Rybers's theory of primary intrauterine pressure throughout labor & secondary axial pressure along fetal axis (Pol))

MEDYNSKI, Marian

Intra-umbilical injections of methergine in 3d stage of labor.
Gin.polska 32 no.6:695-701 '61.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych A.M. w Lodzi Kierownik: prof. dr. S.Krzysztoporski.
(ERGOT ALKALOIDS ther) (LABOR)

MEDYNSKI, Marian

Differential of pregnancy and labor pains. Pol. tyg. lek. 19 no.50:1927-1930 14 D '64.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej w Lodzi (Kierownik: prof. dr. S. Krzysztoporski).

MEDYNSKI, STANISLAW

Zbiorka i wstepna obrobka skor zwierzat rzeznych. (Dla robotnikow przyuczonych i wykwalifikowanych zatrudnionych przy obrocie zwierzetami rzeznymi oraz w rzezniach. Wyd. 1) Warszawa, Wydawn. Przemysłu Lekkiego i Spozywczego, 1955. 124 p. (Biblioteka pracownika przemysłu miesnego) (Collection and initial processing of hides of slaughtered animals; for semiskilled and skilled workers employed in the trade of slaughter animals and in slaughterhouses. 1st ed. illus., bibl,, diagrs., tables)

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

SMIRNOV, G.M.; IVANOV, A.A.; BOCHAROV, V.A.; KOSTYUCHENKO, N.T.; MEDYNSKIY, A.F.; MISHCHENKO, V.P.; TANCHIK, Ye.M.

Welded ladle for pouring steel. Met. i gornorud. prom. no. 2: 65 Mr-Ap '64. (MIRA 17:9)

IVANOV, A.A.; OBODOVSKIY, B.A.; SMIRNOV, G.M.; BOCHAROV, V.A.; KOSTYUCHENKO, N.P.; LYUBOV, V.A.; MANOV, V.M.; MEDYNSKIY, A.F.; MISHCHENKO, V.P.; FURSA, I.G.

Investigating 350- and 480-ton welded steel-pouring ladles. Izv.vys.ucheb.zav.; chern. met. 8 no.4:220-223 '65. (MIRA 18:4)

1. Zhdanovskiy metallurgicheskiy institut.

MEDYNSKIY, A.P.

Preparation of a beverage from fermented blood of farm animals. Vop. pit. 12 no.6:75 N-D '53. (MLRA 6:12)

1. Iz kafedry veterinarni-sanitarnoy ekspertizy (zaveduyushchiy - professor I.S.Zagayevskiy) Belotserkovskogo sel'skokhozyaystvennogo instituta.
(Blood as food or medicine)

MEDYNSKIY, E. N.

Narodnoe obrazovanie v SSSR
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SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

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Prosveshcheniye V SSSR (Education in the USSR) Moskva, Uchpedgiz, 1955.
237 P. Illus., Diagrs., Ports., Tables.
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S/142/60/000/01/005/022
E140/E463

9,3230

AUTHORS: Kazarinov, Yu.M., Tolokonnikov, S.V. and Medyntsev, L.N.

TITLE: Calculation of Optimal Parameters of a Synchronized Filter

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiotekhnika, 1960, Nr 1, pp 49-59 (USSR)

ABSTRACT: A synchronous filter[25] has a frequency characteristic approximating the complex-conjugate spectrum of the periodic signal at the input. The most widespread filter of this type is a delay line with positive feedback. Two possible methods of solving this problem exist: comparison of frequency spectra and selection of optimal transient characteristic of the filter for given input waveform. The latter is considered more convenient by the author. Four cases are considered; pulse sequence with rectangular envelope; pulse sequence with envelope of the type $\cos \varphi$; pulse sequence with envelope in the form of $\cos^2 \varphi$; pulse sequence with triangular envelope. The method enables the following parameters to be calculated: gain in signal/noise ratio; waveform and amplitude of output signal envelope; magnitude of time delay of envelope maximum with respect to the filter

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Calculation of Optimal Parameters of a Synchronized Filter

input. From these the optimal filter parameters (feedback factor and filter attenuation) for maximum gain in signal/noise ratio may be determined. There are 7 figures and 4 references, 3 of which are Soviet and 1 English.

SUBMITTED: May 25, 1959

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L 41381-65 EWT(m)/EWG(m)/EWP(b)/T/EWP(t) IJP(c) RWH/JD/JG

ACCESSION NR: AP5009301 S/0364/65/001/003/0274/0278

AUTHOR: Balashova, N. A.; Yeletskiy, V. V.; Medyntsev, V. V.

TITLE: Influence of various factors on the migration of copper and gold from aqueous solutions to the surface of germanium and silicon

SOURCE: Elektrokhimiya, v. 1, no. 3, 1965, 274-278

TOPIC TAGS: copper migration, gold migration, electrochemistry, electroplating, germanium electrode, silicon electrode

ABSTRACT: The migration (from $Cu(NO_3)_2$ and $AuCl_3$ solutions) of copper and gold ions to the surface of germanium electrodes and that of gold ions to the surface of silicon electrodes was studied as a function of time, ion concentrations, potential drop at the semiconductor - solution interface, and method of preliminary treatment of the semiconductor. Use was made of the radioisotopes Cu-64 and Au-198 on samples of n- and p-type germanium and silicon cut out of single crystals parallel to the (111) plane. The kinetics of deposition of copper and gold on germanium were investigated at various potentials. The process of discharge of gold and copper ions was shown to be independent of the semiconductor proper-

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ACCESSION NR: AP5009301

ties of the electrode, but in the case of copper it is thought that in addition to electrostatic adsorption, there is also adsorption due to chemical forces with the formation of adsorption compounds of copper with germanium and its oxides. Orig. art. has: 3 figures.

ASSOCIATION: Institut elektrokhimii Akademii nauk SSSR (Institute of Electrochemistry, Academy of Sciences, SSSR)

SUBMITTED: 14Oct64 ENCL: 00 SUB CODE: IC

NO REF SOV: 003 OTHER: 002

Card 2/2

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(ROSTOV-ON-DON—SALMONELLA INFECTIONS)

KOVALEVSKAYA, I.L.; EPSHTEYN-LITVAK, R.V.; DMITRIYEVA-RAVIKOVICH, Ye.M.; KURNOSOVA, N.A.; SHCHEGLOVA, Ye.S.; FERDINAND, Ya.M.; KHOMIK, S.R.; MAKHLINOVSKIY, L.P.; PETROVA, S.S.; GOLUBOVA, Ye.Ye.; GONCHAROVA, Z.I.; SARMANEYEV, A.P.; SIZINTSEVA, V.P.; Prinimali uchastiye: MEDYUKHA, G.A.; OSOKINA, L.A.; RACHKOVSKAYA, Yu.K.; OSOVTSEVA, O.I.; DEDUSENKO, A.I.; KOVALEVA, P.S.; KARASHEVICH, V.P.; CHEBOTAREVICH, N.D.; CHIGIR', T.R.; SKUL'SKAYA, S.D.; KECHETZHIYEV, B.A.; DEMINA, A.S.; ZUS'MAN, R.T.; YESAKOV, P.I.; SYSOYEVA, Z.A.; ZINOV'YEVA, I.S.; FAL'CHEVSKAYA, A.A.; DENISOVA, B.D.; TIMOFEYEVA, R.G.; SYRKASOVA, A.V.; LYANTSMAN, S.G.

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