VINOKUROV, P.K., GUTKIN, Ye.S.

Weathered suface and its association with the bauxites of the Northern Urals. Geol. rud. mestorozh. no.1:114-119 Ja-F '60. (MIRA 13:7)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva i Severoural'skaya boksitovaya ekspeditsiya.
(Ural Mountains--Bauxite) (Weathering)

GLADKOVSKIY, A.K.; GUTKIN, Ye.S.

Formation of the Ural Devonian bauxites. Geol. rud. mestorozh. no.5:107-112 S-O '60. (MIRA 13:10)

1. Gorno-geologicheskiy institut Ural'skogo filiala AN SSSR, Sverdlovsk.
(Ural Mountains--Bauxite)

GUTKIN, Ye.S.

Gibbsite in Devonian bauxites of the Northern Urals. Zap.Vses.-min.ob-va 90 no.6:748-749 '61. (MIRA 15:2)
(Ural Mountains--Gibbsite)

GUTKIN, Ye.S.

Regularities in the formation and location of highly siliceous bauxites and bauxite-like rocks of the Petropavlovsk Basin. Trudy Gor.-geol.inst. UFAN SSSR no.38:211-235 '62. (MIRA 15:12)
(Ural Mountains--Bauxite)

GUTKIN, Ye.S.; SKRIPKO, I.L.

[redacted] X-ray method of determining the quantitative ratio of aluminum monohydrates in Devonian bauxites. Sov. geol. 6 no.5:133-138 My '63. (MIRA 16:6)

1. Severoural'skaya kompleksnaya geologorazvedochnaya ekspeditsiya.
(Aluminum oxide) (Bauxite)

GUTKIN, Ye.S.

Evaluation criteria for finding bauxites in the Devonian sediments of the Urals. Sov. geol. 7 no.7:112-116 Jl '64.
(MIRA 17:11)

1. Severoural'skaya kompleksnaya geologorazvedochnaya ekspeditsiya.

GUSEV, Ye.I.

Composition and origin of the terrigenous material in the Severoural'sk Basin. Lit. i pol. ikop. no.3:353-362 '63.
(MIRA 17:10)

1. Severoural'skaya kompleksnaya geologorazvedochnaya ekspeditsiya Ural'skogo geologicheskogo upravleniya, Severoural'sk.

[redacted]

Geosynclinal Devorian bauxite facies in the Urals and their metallogeny. Trudy Inst.geol. UFAN SSSR no.64:65-96 '64.

(MIRA 17:12)

GUTKIN, Ye.S.

Carbonate-enclosing formations of the Petropavlovsk Basin and their bauxite relations. Trudy Inst.geol. UFAN SSSR no.64:109-125 '64.
(MIRA 17:12)

GUTKIN, Ye.S.; RODCHENKO, Yu.M.

Tectonics of the Severoural'sk Basin and its relation to bauxite mineralization. Izv. AN SSSR. Ser. geol. 30 no.2:56-66 F '65.
(MIRA 18:4)

1. Severoural'skaya kompleksnaya geologorazvedochnaya ekspeditsiya, Severoural'sk.

MEYSEL', M.N.; GUTKINA, A.V.; PAVLOVSKIY, Ye.N., akademik.

Application of luminiscence microscopy for early detection of pathological modifications in tissues and organs. Dokl.AN SSSR 91 no.3:647-650 Jl '53. (MLRA 6:7)

1. Institut mikrobiologii Akademii nauk SSSR (for Meysel' and Gutkina). 2. Nauchno-issledovatel'skiy institut ukha, gorla i nosa Ministerstva zdravookhraneniya RSFSR (for Meysel' and Gutkina). 3. Akademiya nauk SSSR (for Pavlovskiy). (Fluorescence microscopy) (Histology)

GUTKINA, A.V.

Luminescent-cytologic method of diagnosis of cancer of the pharynx and larynx. Vest. orinolar. Moskva 15 no.6:58-63 Nov.-Dec. 1953. (CLML 25:5)

1. Of the Scientific-Research Institute of Otorhinolaryngology (Director -- Honored Worker in Science Prof. V.K. Trutnev) of the Ministry of Public Health USSR and the Department of Functional Morphology of the Institute of Microbiology of the Academy of Sciences USSR.

GUTKINA, A. V.

"Luminescence-Cytological Investigation of the Mucous Membrane of the Larynx and Pharynx Under Normal and Certain Pathological Conditions." Cand Med Sci, Mosco Medical Stomatological Inst, Moscow, 1954. (MR, No 97, 3 Dec 54)

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

GUTKINA, A.V.; RODIONOVA, T.V.

Clinical and immunophagocytic parallels in acute and chronic tonsillitis. Trudy gos.nauch.-issl.inst.ukha, gorla i nosa. 6:85-89 '55. (MIRA 12:10)

1. Iz klinicheskogo otdeleniya (zav.-prof. A.A.Atkarskaya) i otdela ostrykg infektsiy (zav. - prof. P.P.Sakharov) Gosudarstvennogo nauchno-issledovatel'skogo instituta ukha, gorla i nosa.

(TONSILS--DISEASES)

GUTKINA, A. V., MEYSEL, M. N., SOKOLOV, V. A., and KONDRAT'YEVA, T. N.

"Fluorescence Microscopy Study of Early Changes Induced in the Tissues and Organs of Irradiated Animals."

paper submitted for the Intl. Congress on Radiation Research, 10-16 Aug 1958. Burlington, Vermont

GUTKINA, A.V., ARUTYUNOV, V.D., MAMUL', Ya.V.

Methods of dehydrating preparationf for fluorescnce microscopy.
Biofizika 3 no.3:362-364 '58 (MIRA 11:6)

1. Institut bilogicheskoy fiziki AN SSSR, Moskva i Glavnyy voyennyy gospital' im. N.N. Burdenko.
(FLUORESCENCE MICROSCOPY)
(FREEZE-DRYING)

MEYSEL', M.N., GUTKINA, A.V., MASTYUKOVA, Yu.N.

Fluorescence microscopic detection of viruses; 20th anniversary of fluorescence virusoscopy. Mikrobiologiia 27 no.4:513-519 Jl-Ag '58

1. Institut mikrobiologii AN SSSR i Kafedra virusologii TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.
(VIRUSES,
demonstration by luminescent microscopy (Rus))

USSR

reports to be submitted to the 1st Intl Congress of Histochemistry and Cytochemistry, Paris, France, 28 Aug-3 Sep '60.

BRODSKIY, V. Ya. - "The nucleic acids of the nerve cell's nucleus and cytoplasm"

DOMBKIKH, N. V., VINOGRADOV, V. V. and SUBBOTIN, M. Ya. - "Histochemistry of extraembryonic connective tissue in pathological conditions"

FRIDENSHTEYN, A. Ya. - "Some aspects of carbohydrate metabolism of the transitional epithelium"

GEORGIYEV, G. B. - "The studies on the cell nucleoproteins with the aid of phenol fractionation procedure"

GRIGOR'YEVA, T. A., MEYSEL', M. N., BRUMBERG, Ye. M., BARSKIY, I. Ya. and GUTKINA, A. V. - "Ultraviolet fluorescence microscopy as a new field of histochemistry"

KNYAZEVA, G. D. - "Histochemical characteristics of diphtheric polyneuritis"

KRASNOV, I. B. - "The determination of sulfhydryl groups of proteins by means of the inhibitory-indicator (bromacetylnitrobenzoic acid) method"

MAKAROV, P. V. - "Cytochemical and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins"

ORLOVSKAYA, G. V. - "The evolution of the protein-polysaccharide composition of cardiac connective tissue in the development of rheumatic process"

POLENOV, A. L. - "Histochemical contribution to the study of di-encephalo-hypophyseal secretion"

PORTUGALOV, V. V. - "Some mechanisms controlling the chemical activity of the neuron mitochondria" (A summary of this report has been received by the organizers of the Congress and is included in Group I)

Aspects of histochemistry and the nervous system (This is a proposed report of which the exact title is not yet known. It is listed by general subject matter under Group III)

PRESNOV, M. A. - "Histochemistry in experimental cancer chemotherapy"

ROSKIN, G. I. - "Comparative histochemistry of neurons differing in their function"

SHABADASH, A. L. - "Presence of ribonucleoproteins in mitochondria of different animal cells and their functional importance" and "Cytochemical and cytophysical peculiarities of nerve tissues biological organization"

STRUKOV, A. I. - "Histochemical examinations of connecting tissues in the light of recent pathological studies"

TUSTANOVSKIY, A. A. - "A comparative physical and chemical characteristic of precollagen and collastromine"

VASIL'YEV, Yu. M. - "Histochemical studies of the connective tissue, changes observed in the source of development of induced sarcoma in rats"

ZBARSKIY, I. B. - "Proteinic and nucleic composition of nuclear structures"

ZBARSKIY, I. B. and PEREVOSHCHIKOVA, K. A. - "On the role of cell nucleus and its fractions in protein biosynthesis measured by the incorporation of labeled amino acids"

PHASE I BOOK EXPLOITATION SOV/4973

Soveshchaniye po lyuminestsentsii, 8th, 1959

Metody lyuminestsentnogo analiza; materialy soveshchaniya (Methods for Luminescence Analysis; Materials of the 8th Conference) Minsk, Izd-vo AN BSSR, 1960. 147 p. 1,000 copies printed.

Sponsoring Agency: Akademiya nauk Belorusskoy SSR. Institut fiziki.

General Ed.: N. A. Borisevich; Ed.: L. Timofeyev; Tech. Ed.: N. Siderko.

PURPOSE: This collection of articles is intended for chemists and physicists interested in molecular luminescence, and for scientific personnel concerned with applications of this and related phenomena in research in the life sciences.

COVERAGE: The collection contains 28 papers read at the Eighth Conference on Luminescence, which took place 19-24 October, 1959 [place of conference not given]. These studies are concerned principally with the development of new luminescence methods for quantitative and qualitative chemical analysis, and with the applications of luminescence in medical and biological research. They discuss luminescence methods for the determination of uranium, mercury, magnesium, aluminum, boron, and other elements, as well as luminescence methods for the diagnosis of skin cancer and the detection of grippe virus, pathogenic microorganisms, etc. The structural design of new instruments for luminescence analysis is described. The conference was not concerned with studies on the phosphorescence of crystal phosphors. There is a discussion of the contributions of Soviet specialists in molecular luminescence in the course of the year and a half preceding the conference. The articles of V. K. Matveyev (p. 75) and of V. V. Patrikeyev (p. 79) have been annotated because of their importance. No personalities are mentioned. References accompany most of the articles.

Card 8/10

Gutkina, A. V.

KHAN-MAGOMETOVA, Sh.D.; GUTKINA, A.V.; MEYSEL', M.N.; AGROSKIN, L.S.; KOROLEV, N.V.

Ultraviolet fluorescence of some animal organs and its change after irradiation. Biofizika 5 no. 4:446-449 '60. (MIRA 13:12)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT)
(X RAYS—PHYSIOLOGICAL EFFECT) (FLUORESCENCE)

GUTKINA, A.V.; TALALAEVA, A.V.

Fluorescence cytological method for detecting cancer cells in the lymph nodes. Vop. onk. 6 no.4:74-79 Ap '60. (MIRA 14:3)
(LYMPHATICS--CANCER)

MEYSEL', M.N.; GUTKINA, A.V.

Fluorescence study of early radiation injuries in cells. Izv. AN SSSR. Ser. biol. 26 no.5:693-701 S-O '61. (MIRA 14:9)

1. Institute of Radiation and Physico-Chemical Biology and Institute of Biophysics, Academy of Sciences of the U.S.S.R., Moscow.

(X RAYS—PHYSIOLOGICAL EFFECT)
(FLUORESCENCE MICROSCOPY)

[redacted], A.V.; [redacted], A.M.; [redacted], L.T.

Intra-vitam [redacted]
[redacted]

1. Institut biologicheskoy fiziki [redacted], Moskva.

[redacted]

Cytochemical and electron microscopic study of [illegible] in ascitic Ehrlich's carcinoma cells [illegible] tion. Antibiotiki [illegible]

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

AREF'YEVA, A.M.; GUTKINA, A.V.; YENENKO, S.O.; ZARKH, Ye.N.; SHUNGSKAYA, V.Ys.

Cytochemical and luminescence microscopic study of nerve cells in a tissue culture. Tsitologiia 7 no.4:531-537 Jl-Ag '65. (MIRA 18:9)

1. Laboratoriya biofiziki zhivykh struktur Instituta biologicheskoy fiziki AN SSSR, Moskva.

SOLOV'YEV, V.D.; MASTYUKOVA, Yu.N.; SUMAROKOV, A.A.; SARAYEVA, N.T.; GUTKINA, A.V.

Mechanism of antismallpox immunity. Report No.6 Role of antigen in the phenomena of specific insusceptibility. Vop. virus. 10 no.5:583-589 S-O '65.

(MIRA 18:11)

1. Kafedra virusologii TSentral'nogo instituta usovershenstvovaniya vrachey i Moskovskiy nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii.

ACC NR: AT7004521 SOURCE CODE: UR/2563/66/000/268/0059/0065

AUTHOR: Khoroshaylov, V. G.; Gutkina, I. B.

ORG: none

TITLE: Investigation of EP126 steel

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 268, 1966. Metallovedeniye (Metal science), 59-65

TOPIC TAGS: CHEMICAL PLANT EQUIPMENT, heat resistant steel, chromium nickel steel, CONTAINING tungsten containing steel, molybdenum containing steel, niobium containing steel, steel property, steel structure, TENSILE STRENGTH, YIELD STRENGTH, ELONGATION, METAL AGING, EP126 STEEL

ABSTRACT: EP126 steel (19—22% Cr, 25—30% Ni, 4.8—6.0% W, 2.8—3.5% Mo, 1.5% Mn and 0.7—1.3% Nb), developed primarily for parts of chemical equipment used at 700—1000°C for up to 100 hr, has been tested for its suitability for service up to 3000 hr. Steel specimens annealed at 1200°C and air cooled were aged at 750, 800, 850, 900 and 950°C for 10, 1000, 1500 or 3000 hr, respectively. It was found that prolonged aging at 750—800°C increased the tensile and yield strength from the respective initial 80.2—80.4 kg/mm^2 and 38.0—39.0 kg/mm^2 to 91.0—94.0 kg/mm^2 and 49.4—50.0 kg/mm^2. At the same time, the elongation dropped from 44.0—47.4 to 10.4—12.0% and the reduction of area from 45.8—47.5 to 13.9—19.0%. Aging at 850—950°C had a considerably milder effect on the strength and ductility. The 3000 hr rupture strength at 800, 850, and 900°C amounted to 10, 6, and 3.5 kg/mm^2,

Card 1/2 UDC: none

ACC NR: AT7004521

respectively. Inasmuch as the EP126 steel was found to have fairly high mechanical properties and structural stability at 750—900°C, it can be recommended for prolonged service up to 3000 hr duration. Orig. art. has: 8 figures and 5 tables. [ND]

SUB CODE: 11/ SUBM DATE: none/

Card 2/2

GUTKINA, N. G.

USSR/Chemistry

Card 1/1

Authors : Slavyanskiy, V. T., and Gutkina, N. G.

Title : About the error in the measurement of fusion viscosity connected with thermal expansion of platinum globules of torsion viscosimeters

Periodical : Zhur. Fiz. Khim., 28, Ed. 5, 851 - 855, May 1954

Abstract : The error originating during viscosity measurement of liquids at high temperatures as result of thermal expansion of the platinum globule of the viscosimeter suspension system was determined at viscosity values of 98 and 977 poise respectively. A correction was formulated which should be introduced during the measurement of fusion viscosity at high temperatures and for the calculation of the thermal expansion of the platinum globule of a torsion viscosimeter. Four references: 2-USSR, 1-English and 1-German. Table, graphs, drawing.

Institution : ...

Submitted : Aug. 29, 1953

GUTKINA, N.G., Cand Tech Sci -- (diss) "Crystallization of poly-barium optical glasses." Len 1958, 12 pp. (State Order of Lenin Optical Inst im S.I. Vavilov) 150 copies (KL, 39-58, 109)

GUTKINA, N G

PHASE I BOOK EXPLOITATION SOV/3826

Mukhin, Yevgeniy Yakovlevich, and Noemi Girshevna Gutkina

Kristallizatsiya stekol i metody yeye preduprezhdeniya (Crystallization of Glass and Methods for Its Prevention) Moscow, Oborongiz, 1960. 125 p. Errata slip inserted. 1,650 copies printed.

Ed.: (Title page): K.S. Yevstrop'yev; Doctor of Chemistry, Professor; Ed. (Inside book): R.S. Il'in, Candidate of Technical Sciences; Ed. of Publishing House: P.B. Morozova; Tech. Ed.: N.A. Pukhlikova; Managing Ed.: A.S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for engineers and researchers in the glass industry.

COVERAGE: The book discusses the physicochemical principles of glass crystallization, showing the relationship between glass crystallizability and the diagram of physicochemical equilibrium. The methods of determining the crystallizability of different glasses and the composition of crystalline phases are described.

Card 1/4

Crystallization of Glass (Cont.) SOV/3826

The authors are primarily concerned with methods of preventing crystallization of optical glasses. There are 59 references: 35 Soviet, 13 English, and 11 German.

TABLE OF CONTENTS:

Card 2/4

PHASE I BOOK EXPLOITATION SOV/5461

Akademiya nauk SSSR. Institut teoreticheskoy astronomii.

Astronomicheskiy yezhegodnik SSSR na 1962 g. (Astronomical Yearbook of the USSR for 1962) Moscow, Izd-vo Akademii nauk SSSR, 1960. 647 p. Errata slip inserted. 2,000 copies printed.

Sponsoring Agency: Institut teoreticheskoy astronomii Akademii nauk SSSR.

Resp. Ed.: M. F. Subbotin, Director of the Institute of Theoretical Astronomy of the Academy of Sciences USSR, Corresponding Member, Academy of Sciences USSR.

PURPOSE: This book is intended for astronomers and geophysicists.

COVERAGE: The Astronomical Yearbook of the USSR for 1962 has been compiled in accordance with changes proposed by the International Astronomical Union to member organizations at its meeting in 1958. In addition to usual

Card 1/16

information on the Sun, Moon, Earth, and planets, the Yearbook contains the ephemerides of the lunar crater Moesting A, which until 1960 were published by the Berliner Astronomisches Jahrbuch, [Berlin Astronomical Yearbook], and whose regular publication has now been undertaken by the Institute of Theoretical Astronomy of the USSR at the request of the Union's Committee on Ephemerides. The solar, lunar, and planetary coordinates in the Yearbook are based on data supplied by the British Nautical Almanac as stipulated by the Astronomical Union. The material in the Yearbook was compiled and prepared by the following scientists: computation of ephemerides of the lunar crater Moesting A on high-speed computer BEMS at the Vychislitel'nyy tsentr AN SSSR (Computer Center AS USSR) - D. K. Kulikov; reduction of solar and lunar ephemerides - A. G. Mal'kova and G. A. Mazing; computation of nutation on high-speed computer BEMS - D. V. Zagrebin, O. M. Gromova and A. Ya. Faletova; computation of reduction values of visible positions of ten-day and near-polar stars - M. B. Zheleznyak and M. A. Fursenko; preparation of original data on visible positions of ten-day and near-polar stars -

E. A. Mitrofanova (in charge), O. M. Gromova, G. A. Mazing, T. I. Mashinskaya, G. M. Poznyak, K. G. Shumikhina, and P. A. Gutkina; heliocentric coordinates of the large planets - O. M. Gromova, A. G. Mal'kova; reduction values (trigonometric system) - E. A. Mitrofanova, and K. G. Shumikhina; mean positions of stars - E. A. Mitrofanova, M. B. Zheleznyak, O. M. Gromova, K. G. Shumikhina, M. A. Fursenko; solar and lunar eclipses - E. A. Mitrofanova, M. A. Fursenko; planetary configurations - E. A. Mitrofanova, O. M. Gromova; ephemerides for physical solar observations - P. A. Gutkina, T. I. Mashinskaya; ephemerides for physical lunar observations - G. A. Mazing, P. A. Gutkina, K. G. Shumikhina; ephemerides of the illumination of the discs of Mercury and Venus - T. I. Mashinskaya, G. M. Poznyak; ephemerides for physical observations of Mars - G. M. Mazing, T. I. Mashinskaya; ephemerides for physical observations of Jupiter - T. I. Mashinskaya, E. A. Mitrofanova; Saturn's rings - G. A. Mazing, T. I. Mashinskaya; sunrise and sunset - A. I. Frolova; rising and setting of the moon - P. A. Gutkina and K. G. Shumikhina; altitudes and azimuths of the Polar Star - A. G. Mal'kova

and K. G. Shumikhina; table for determining latitude by the altitude of the Polar Star - K. G. Shumikhina and P. A. Gutkina; preparation of manuscript for publication - V. G. Kudinova; review and edition of "Explanatory Notes", D. K. Kulikov. There are no references.

TABLE OF CONTENTS:

Gutkina, R.I.

24(7) **PHASE I BOOK EXPLOITATION** SOV/1700

Lvov. Universitet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii, 1956. t. II: Atomnaya spektroskopiya (Materials of the 10th All-Union Conference on Spectroscopy, 1956. Vol 2: Atomic Spectroscopy) [Lvov] Izd-vo L'vovskogo univ., 1958. 568 p. (Series: Its: Fizicheskiy sbornik, vyp.4(9)) 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Resp. Ed.); B.S. Neporent, Doctor of Physical and Mathematical Sciences; I.L. Fabelinskiy, Doctor of Physical and Mathematical Sciences; V.A. Fabrikant, Doctor of Physical and Mathematical Sciences; V.G. Koritskiy, Candidate of Technical Sciences; S.M. Rayskiy, Candidate of Physical and Technical Sciences; L.K. Klimovskaya, Candidate of Physical and Mathematical Sciences; V.S. Miliyanchuk (Deceased), Doctor of Phys' al and Mathematical Sciences; A.Ye. Glauberman, Doctor of Phy' ial and Mathematical Sciences; Ed.: S.L. Gazer; Tech. Ed.: T.V. Saranyuk.

PURPOSE: This book is intended fo. scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

COVERAGE: This volume contains 177 scientific and technical studies of atomic spectrography presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include extensive bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electromagnetic radiation, physicochemical methods for controlling uranium production, physics and technology of gas discharge, optics and spectroscopy, abnormal dispersion in metal vapors, spectroscopy and the combustion theory, spectrum analysis of ores and minerals, photographic methods for quantitative spectrum analysis of metals and alloys, spectral determination of the hydrogen content of metals by means of isotopes, tables, and atlases of spectral lines, spark spectrographic analysis, statistical study of variation in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

Card 2/31

Card 27/31

SOV/81-59-16-56922

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 137 (USSR)

AUTHORS: Gutkina, R.I., Gaydukova, V.G.

TITLE: The Spectral Analysis of Pure Antimony Metal

PERIODICAL: V sb.: Materialy 1-go Ural'skogo soveshchaniya po spektroskopii, 1956. Sverdlovsk, Metallurgizdat, 1958, pp 81-84

ABSTRACT: A method for determining Cu, Zn, Pb, Na, Fe, As, Ni, Bi, Co and Mn in pure antimony (99.98%) has been developed. The standards are prepared by the dilution of the standard sample SbN 187 of the Ural Institute of Metals with very pure antimony. The samples and the standards are placed in the opening of a carbon electrode. The spectra are photographed with an average quartz spectrograph. If the concentration of the element in the standard Nr 187 is C and the mass of the addition of the analyzed sample is n times greater than the mass of the standard, then the concentrations after the additions are equal to: $(C+nx)/(n+1)$, $(C+n_1x)/(n_1+1)$, etc. In the coordinates I_1/I_2, versus C a straight line is drawn through the point corresponding to the standard Nr 187 and the origin. All the remaining points deviate from the straight line and their de-

Card 1/2

viation along the axis of the abscissa is equal to $nx/(n+1)$; hence the unknown concentration x can be found. The conditions of the analysis, among them the problem of the background allowance, are not illuminated in the article. The found concentrations of the admixtures in Sb are within the range of $n \cdot 10^{-4}$-$n \cdot 10^{-3}$%.

G. Kibisov.

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. Reshetina; 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.

GUTKINA, R.I.; GAYDUKOVA, V.G.

Spectrum analysis of pure metallic antimony. Fiz.sbor. no.4:487-489 '58. (MIRA 12:5)

1. Sverdlovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta metrologii im. D.I.Mendeleyeva.
(Antimony--Spectra)

AUTHOR: Gutkina, R.I. 32-24-6-21/44

TITLE: The Spectrochemical Determination of Admixtures in Metallic Zinc of Great Purity (Spektrokhimicheskoye opredeleniye primesey v metallicheskom tsinke vysokoy chistoty)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 6, pp 734-736 (USSR)

ABSTRACT: As the ordinary spectral analysis proved inadequate for investigations of zinc with only 0.001% admixtures, previous chemical enrichment of samples was carried out for the purpose of increasing sensitivity by separating the admixtures from the basic component. As etalons solutions of a standard zinc sample Nr 73 of the Ural Institute of Metals were used, and the weighed portion of the sample amounted to 10 g in order to obtain spectral lines of sufficient intensity. The technique of analysis is described, diagrams are plotted in the coordinates S - lgP, and the method of three etalons is employed. The results obtained by the spectral analysis of the zinc samples, which were especially made for metrological purposes, are given in a table. Reproducibility is described as being relatively + 20 - 30%. The application of standard samples as etalons as well as the combination of various methods of

Card 1/2

chemically separating admixtures from the basic component is possible also in other cases of the spectral analysis of pure metals. There are 1 figure, 3 tables, and 7 references, 3 of which are Soviet.

ASSOCIATION: Sverdlovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta metrologii im. D.I.Mendeleyeva (Sverdlovsk Branch of the All-Union Scientific Research Institute for Metrology imeni D.I.Mendeleyev)

1. Zinc--Spectra 2. Zinc--Chemical analysis 3. Zinc--Test results

PHASE I BOOK EXPLOITATION SOV/4959

Ural'skoye soveshchaniye po spektrosk

Materialy 2 Ural'skogo soveshchaniya po spektroskopii, Sverdlovsk, 1958 g. (Materials of the Second Urals Conference on Spectroscopy, Held in Sverdlovsk, 1958) Sverdlovsk, Metallurgizdat, 1959. 206 p. Errata slip inserted. 1,000 copies printed.

Sponsoring Agency: Ural'skiy filial Akademii nauk SSSR. Komissiya po spektroskopii and Ural'skiy dom tekhniki VSNTO.

Eds.: Igor Borisovich Thayevich and Gennadiy Pavlovich Skornyakov; Tech. Ed.: R. M. Matlyuk.

PURPOSE: This collection of articles is intended for spectral analysis laboratory workers at ferrous and nonferrous metallurgical plants, and for laboratory personnel of the metal-working industry, geological and prospecting organizations, and similar scientific research laboratories.

COVERAGE: The collection contains papers read at the Second Urals Conference on the spectral analysis of ferrous and nonferrous metals and alloys, slags, ores, agglomerates, refractories and other materials used in industry. The material of the conference includes articles on the analysis of steels (including the determination of gases), ferroalloys, nonferrous and light metals and alloys, pure noble metals, etc. The present volume is intended to disseminate the latest experience in working with spectral laboratories, and to report on the results of scientific research. The author thanks R. I. Gutkina and Yu. M. Buravlev. Almost all of the articles are accompanied by references.

Sheystkel, Ya. A.

105

PHASE I BOOK EXPLOITATION SOV/6181

Ural'skoye soveshchaniye po spektroskopii. 3d, Sverdlovsk, 1960. Materialy (Materials of the Third Ural Conference on Spectroscopy) Sverdlovsk, Metallurgizdat, 1962. 197 p. Errata slip inserted. 3000 copies printed.

Sponsoring Agencies: Institut fiziki metallov Akademii nauk SSSR. Komissiya po spektroskopii; and Ural'skiy dom tekhniki VSNTO.

Eds. (Title page): G. P. Skornyakov, A. B. Shayevich, and S. G. Bogomolov; Ed.: Gennadiy Pavlovich Skornyakov; Ed. of Publishing House: M. L. Kryzhova; Tech. Ed.: N. T. Mal'kova.

PURPOSE: The book, a collection of articles, is intended for staff members of spectral analysis laboratories in industry and scientific research organizations, as well as for students of related disciplines and for technologists utilizing analytical results.

COVERAGE: The collection presents theoretical and practical problems of the application of atomic and molecular spectral analysis in controlling the chemical composition of various materials in ferrous and nonferrous metallurgy, geology, chemical industry, and medicine. The authors express their thanks to G. V. Chentsova for help in preparing the materials for the press. References follow the individual articles.

OSIPOV, B.K., prof.; MALYSHEV, V.D., kand. med. nauk; [illegible], kand. med. nauk; GUTKINA, Z.L.; GLUKOV, S.A.

Use of the artificial cough machine IK-62 in surgical practice. Khirurgiia 40 no.7:49-55 Jl '64. (MIRA 18:2)

1. 2-ya kafedra klinicheskoy khirurgii (zav. - prof. B.K. Osipov), kafedra rentgenologii (zav. - prof. Yu.N. Sokolov) TSentral'nogo instituta usovershenstvovaniya vrachey i Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskiykh instrumentov i oborudovaniya (dir. - I.P. Smirnov), Moskva.

Gulko, A.D.

18(6) PHASE I BOOK EXPLOITATION SOV/3199

Akademiya nauk SSSR. Institut obshchey i neorganicheskoy khimii
im. N. S. Kurnakova

Analiz blagorodnykh metallov (Analysis of Noble Metals) Moscow,
1959. 193 p. Errata slip inserted. 2,700 copies printed.

Resp. Ed.: N. K. Fabenitsyn, USSR Academy of Sciences, Corresponding Member; and O. Ye. Zvyagintsev, Doctor of Chemical Sciences; Eds. of Publishing House: T. G. Levi, and D. N. Trifonov; Tech. Ed.: I. M. Guseva.

PURPOSE: This collection of articles is for scientists engaged in the study and analysis of the noble metals.

COVERAGE: This is a collection of articles on the analysis of the noble metals. It includes studies carried out by the Institute of General and Inorganic Chemistry im. N. S. Kurnakov (AN SSSR), as well as reports presented by scientific research organizations and by industrial enterprises at the Third and Fourth Conference on Noble Metals held in 1954 and 1957, respectively. The studies and reports describe new organic reagents for gravimetric determination of platinum metals, and physicochemical methods of analysis (spectrophotometric, polarographic and potentiometric). Special attention is given to spectral analysis for the determination of admixtures in alloys of platinum metals, silver, and gold, as well as in refined noble metals. The collection also includes analytical methods, tables and charts for materials containing metals of the platinum group, as well as a review of the literature on the analysis of platinum metals published in the last five years. No personalities are mentioned. References follow each chapter.

PHASE I BOOK EXPLOITATION SOV/4959

Ural'skoye soveshchaniye po spektrosk

Materialy 2 Ural'skogo soveshchaniya po spektroskopii, Sverdlovsk, 1958 g. (Materials of the Second Urals Conference on Spectroscopy, Held in Sverdlovsk, 1958) Sverdlovsk, Metallurgizdat, 1959. 236 p. Errata slip inserted. 1,300 copies printed.

Sponsoring Agency: Ural'skiy filial Akademii nauk SSSR. Komissiya po spektroskopii and Ural'skiy dom tekhniki VSNTO.

Eds.: Arnr Borisovich Shayevich and Gennadiy Pavlovich Skornyakov; Tech. Ed.: N. M. Matlyuk.

PURPOSE: This collection of articles is intended for spectral analysis laboratory workers at ferrous and nonferrous metallurgical plants, and for laboratory personnel of the metal-working industry, geological and prospecting organizations, and similar scientific research laboratories.

COVERAGE: The collection contains papers read at the Second Urals Conference on the spectral analysis of ferrous and nonferrous metals and alloys, slags, ores, agglomerates, refractories and other materials used in industry. The material of the conference includes articles on the analysis of steels (including the determination of gases), ferroalloys, nonferrous and light metals and alloys, pure noble metals, etc. The present volume is intended to disseminate the latest experience in working with spectral laboratories, and to report on the results of scientific research. The author thanks R. I. Outkina and Yu. M. Buravlev. Almost all of the articles are accompanied by references.

ROZHKOV, P.I., laureat Stalinskoy premii, otv.red.; PSHENITSYN, N.K., retsenzent; ZVYAGINTSEV, O.Ye., prof., doktor khim.nauk, retsenzent; PRILEZHAYEVA, N.A., prof., doktor fiz.nauk, retsenzent; ANISIMOV, S.M., prof., red.; SHULAKOV, P.G., red.; SEMENOVA, N.Ya., red.; GUT'KOV, A.D., red.; DOLGIKH, V.I., red.; KAMAYEVA, O.M., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Methods of analyzing platinum metals] Metody analiza platinovykh metallov, zolota i serebra; sbornik nauchnykh trudov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 256 p. (MIRA 13:9)

1. Russia (1917- R.S.F.S.R.) Krasnoyarskiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Chlen-korrespondent AN SSSR (for Pshenitsyn).
(Platinum--Analysis) (Gold--Analysis)
(Silver--Analysis)

S/137/62/000/004/198/201
A154/A101

AUTHORS: Gut'ko, A. D., Shchurova, Ye. I.

TITLE: On increasing the sensitivity of spectrographic determination of impurities in refined platinum and palladium

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 12, abstract 4K74 ("Nekotoryye vopr. emission. i molekulyarn. spektroskopii", Krasnoyarsk, 1960, 91 - 101)

TEXT: Sublimation of highly-volatile and concentration of difficultly-volatile impurities are carried-out by an arc discharge. Regular feed of impurities to the discharge permits raising the sensitivity of spectrographic determination of impurities in refined Pt and Pd by 5 - 1,000 times. For example, in the course of complete evaporation of a Pd test sample out of the anode, Cu and Ag evaporate first, followed in succession by Pt, Ro, Ir, Fe and Ni. The sensitivity rises with the change in the relation between the concentration of impurities and the base at the beginning and at the end of test sample evaporation. While spectra are being photographed, it rises during time intervals when there

Card 1/2

S/137/62/000/004/198/201
A154/A101

On increasing the sensitivity of...

is maximal evaporation of impurities. Fractional evaporation and concentration of impurities are observed in the case of refined Ro, Ir and Ru.

L. Vorob'yeva

[Abstracter's note: Complete translation]

Card 2/2

If 5:60

39123
S/058/62/000/006/049/136
A061/A101

AUTHORS: Gut'ko, A. D., Shurova, Ye. I.

TITLE: Improving the accuracy of the spectrographic determination of impurities in refined platinum and palladium

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 14, abstract 6G117 (In collection: "Nekotoryye vopr. emission. i molekulyarn. spektroskopii". Krasnoyarsk, 1960, 91 - 101)

TEXT: A method for the spectroscopic determination of platinum metals (0.001 - 0.05%) and Fe, Cu, Ni, Au (0.0002 - 0.01%) impurities in refined Pt and Pd is described. The sensitivity of the analysis has been improved by the sublimation of highly volatile impurities and by the concentration of difficultly volatile ones with arc discharge; by the study of the rules governing the entrance of impurities into the discharge, and by the metal transport onto the mounting electrode, when taking assays of ~1 mg for the analysis.

[Abstracter's note: Complete translation]

Card 1/1

L 19750-65 EWT(m)/EWP(t)/EWP(b) IJP(c)/AEDC(b)/SSD/SSD(c)/AFWL/ASD(a)-5/RAEM(i)/RAEM(j)/ESD(gs)/ESD(t) RDW/JD/ MLK

ACCESSION NR: AT5000425 S/0000/64/000/000/0088/0091

AUTHOR: Gut'ko, A.D., Pankratova, N.I., Kozyayeva, Z.N., Tkacheva, G.V.

TITLE: Spectral analysis of technical-grade selenium and tellurium

SOURCE: Sibirskoye soveshchaniye po spektroskopii. 1st, Kemerovo, 1962. Spektroskopiya; metody* i primeneniye (Spectroscopy; methods and application). Doklady* soveshchaniya. Moscow, Izd-vo Nauka, 1964, 88-91

TOPIC TAGS: spectroscopy, selenium analysis, tellurium analysis

ABSTRACT: The techniques used by the authors to determine the impurities in selenium and tellurium differ from those described in the literature by the fact that the authors' laboratory must meet the requirement of determining large numbers of impurities, including involatile elements (platinum, rhodium, iridium, ruthenium, etc.), in a short period of time. The preparation of the standards and samples, the apparatus used (ISP-28 spectrograph, PS-39, DG-1 or DG-2 alternating-current arc generator, etc.), and the picture-taking procedure are described. The analytical lines used for determining impurities (24 elements) in selenium and tellurium and the corresponding determinable concentrations are tabulated. A description is given of the determination of selenium in technical-grade tellurium; the sensitivity is 0.015% with the 2413.52 Å line, and 0.003%

Card 1/2

L 19750-65
ACCESSION NR: AT5000425

with the 2062.78 Å line. The determination of sodium in technical-grade tellurium, using the 3302.32 Å line if the palladium content is below 0.01%, and the 5889.95 Å line if this content is higher, is also discussed. The sensitivity is 3×10^{-4}%. The techniques of spectral analysis of selenium and tellurium developed by the authors permit the determination of 20 impurities (in addition to selenium in tellurium) under the same conditions of photography of the spectra and treatment of the photographic material; this is a major advantage in analyzing samples under industrial conditions. The sensitivity of these determinations ranges from 10^{-5} to 10^{-3}%, and the reproducibility of the results of the spectral analysis is ± 8-20%. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 09 May 64 ENCL: 00 SUB CODE: GC

NO REF SOV: 011 OTHER: 003

Card 2/2

RAZUMOVA, Ye.P.; GUTKOVSKAYA, A.I.

Copepoda in a focus of diphyllobothriasis of the lake-river type [with summary in English]. Med.parazi i parazit.bolezn. 23 no.1: 89-94 Ja-F '59. (MIRA 12:3)

1. Iz TSentral'noy nauchno-issledovatel'skoy laboratorii gigiyeny i sanitarii na vodnom transporte.

(CRUSTACEA,
copepods, transm. of diphyllobothriasis (Rus))
(TAPEWORM INFECTION, transm.
diphyllobothriasis by copepods (Rus))

KIRAL'CHICH, I.A.; BELOVA, I.M.; BRUK, Ye.S.; SOSUNOVA, I.N.; GUTKOVSKAIA, A.I.; ZHAKOV, Yu.A.; TIMOFEYEVA, T.Z.

Sanitary evaluation of the consequences of flooding tree plantations during the construction of reservoirs. Gig.i san. 25 no.1: 15-20 Ja '60. (MIRA 13:5)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii i gigiyeny imeni F.F. Erismana Ministerstva zdravookhraneniya RSFSR.
(WATER RESOURCES DEVELOPMENT--HYGIENIC ASPECTS)

NIKIFOROV, Valerian Aleksandrovich, dotsent, kand.tekhn.nauk;
GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn.red.

[Manual on peat winning] Rukovodstvo po dobyche torfa. Minsk, Gos.izd-vo BSSR. Red.nauchno-tekhn.lit-ry, 1960. 307 p. (MIRA 14:2)
(Peat industry)

EL'BERT, Boris Yakovlevich; GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn.red.

[Microbes and viruses] Mikroby i virusy. Minsk, Gos.izd-vo BSSR, Red.nauchno-tekhn.lit-ry, 1960. 543 p.
(MIRA 13:6)

(MICROBIOLOGY)

ASTAPENKO, Vadim Grigor'yevich, kand. med. nauk; GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn. red.

[Surgical treatment of thyrotoxicosis] Khirurgicheskoe lechenie tireotoksikozov. Minsk, Gos.izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1961. 145 p. (MIRA 15:7)
(THYROID GLAND--DISEASES)

ZOLOTAREVA, Mariya Mikhaylovna, prof.; Prinimal uchastiye BELOSTOTSKIY, Ye.M., doktor med. nauk [deceased]; GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn. red.

[Eye diseases; a textbook for the practicing ophthalmologist] Glaznye bolezni; posobie dlia prakticheskogo vracha-oftal'mologa. Minsk, Gos. izd-vo BSSR. Redaktsiia nauchno-tekhn. lit-ry, 1961. 546 p. (MIRA 15:10)

1. Zaveduyushchiy otdelom okhrany zreniya glaz detey instituta oftal'mologii im. Gel'mgol'tsa (for Belostotskiy).
(EYE--DISEASES AND DEFECTS)

PERSIANINOV, L.S., zasl. deyatel' nauki BSSR, prof., red.; GUTKOVSKAYA, O., red.; YURKEVICH, Ye., red.; STEPANOVA, N., tekhn. red.

[Gynecological examination; a manual for doctors and students] Zhenskaia konsul'tatsiia; rukovodstvo dlia vrachei i studentov. 2. ispr. i dop. izd. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1962. 403 p. (MIRA 15:6)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Persianinov).
(OBSTETRICS) (GYNECOLOGY)

BABUK, Vladimir Vikent'yevich, zasl. deyatel' nauki, prof.; GUTKOVSKAYA, O., red.; YURKEVICH, Ye., red.; STEPANOVA, N., tekhn. red.

[Operative surgery]Operativnaia khirurgiia. Minsk, Gos.izd-vo BSSR, Red. nauchno-tekhn.lit-ry, 1962. 387 p. (MIRA 15:8)

(SURGERY, OPERATIVE)

PERSIANINOV, L.S., zasl. deyatel' nauki Belorusskoy SSR, prof., red.;
GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn. red.

[Use of aminazine in obstetrical and gynecologic practice]Primenenie aminazina v akushersko-ginekologicheskoi praktike. Minsk, Gos.izd-vo BSSR. Red. nauchno-tekhn.lit-ry, 1962. 179 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Persianinov).

(CHLORPROMAZINE) (GYNECOLOGY) (OBSTETRICS)

NAUMOVICH, Semon Stepanovich; GUTKOVSKAYA, O., red.; YERMOLENKO, V., tekhn. red.

[Surgical treatment of fractures of the femoral neck] Operativnoe lechenie perelomov sheiki bedra. Minsk, Gosizdat BSSR, 1963. 78 p. (MIRA 16:12)
(FEMUR--FRACTURE)

USOV, Ivan Nesterovich, dots.; GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn. red.

[How to prevent and treat the weakening of a child; advice to parents] Kak predupredit' i lechit' oslablenie rebenka; sovety roditeliam. Minsk, Gosizdat BSSR, 1963. 109 p. (MIRA 16:4)

(CHILDREN--CARE AND HYGIENE)
(CHILDREN--DISEASES)

LIBOV, Sergey Leonidovich; GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn. red.

[Errors and complication in heart and lung surgery] Oshibki i oslozhneniia v khirurgii serdtsa i legkikh. Minsk, Gosizdat BSSR, 1963. 211 p. (MIRA 16:8)
(HEART--SURGERY) (LUNGS--SURGERY)
(SURGERY--COMPLICATIONS AND SEQUELAE)

EL'BERT, B.Ya., prof., red.; GUTKOVSKAYA, O., red.; STEPANOVA, I., tekhn. red.

[Microbiology of the most important infectious diseases in man] Mikrobiologiia vazhneishikh infektsionnykh boleznei cheloveka. Minsk, Gosizdat BSSR, 1962. 387 p. (MIRA 16:7)
(COMMUNICABLE DISEASES) (MEDICAL MICROBIOLOGY)

YAKOVLEV, I.I., zasl. deyatel' nauki, prof., red.; STAROVOYTOV, I.M., prof., red.; GUTKOVSKAYA, O., red.; STEPANOVA, N., tekhn. red.

[Practical handbook of gynecology] Prakticheskoe posobie po ginekologii. Minsk, Glavizdat M-va kul'tury BSSR, 1963. 407 p. (MIRA 16:7)

(GYNECOLOGY--HANDBOOKS, MANUALS, ETC.)

KANTOROVICH, Lev Isaakovich[deceased]; PERSIANINOV, L.S., prof., zas. deyatel' nauki BSSR, red.; GUTKOVSKAYA,G.,red.; NOVIKOVA,V ., tekhn.red.

[Blood transfusion in obstetric practice] Perelivanie krovi v akusherskoi praktike. Minsk, Gosizdat BSSR, 1963. 154 p. (MIRA 16:11)

1. Chlen-korrespondent AMN SSSR (for Persianinov).
(OBSTETRICS) (BLOOD--TRANSFUSION)

ZLOTNIK, Efraim Isaakovich, prof.; GUTKOVSKAYA, G., red.

[Hemostasis and controlled arterial hypotension in cerebral surgery] Gemostaz i upravliaemaia arterial'naia gipotoniia v mozgovoi khirurgii. Minsk, Izd-vo "Belarus'," 1965. 130 p. (MIRA 18:4)

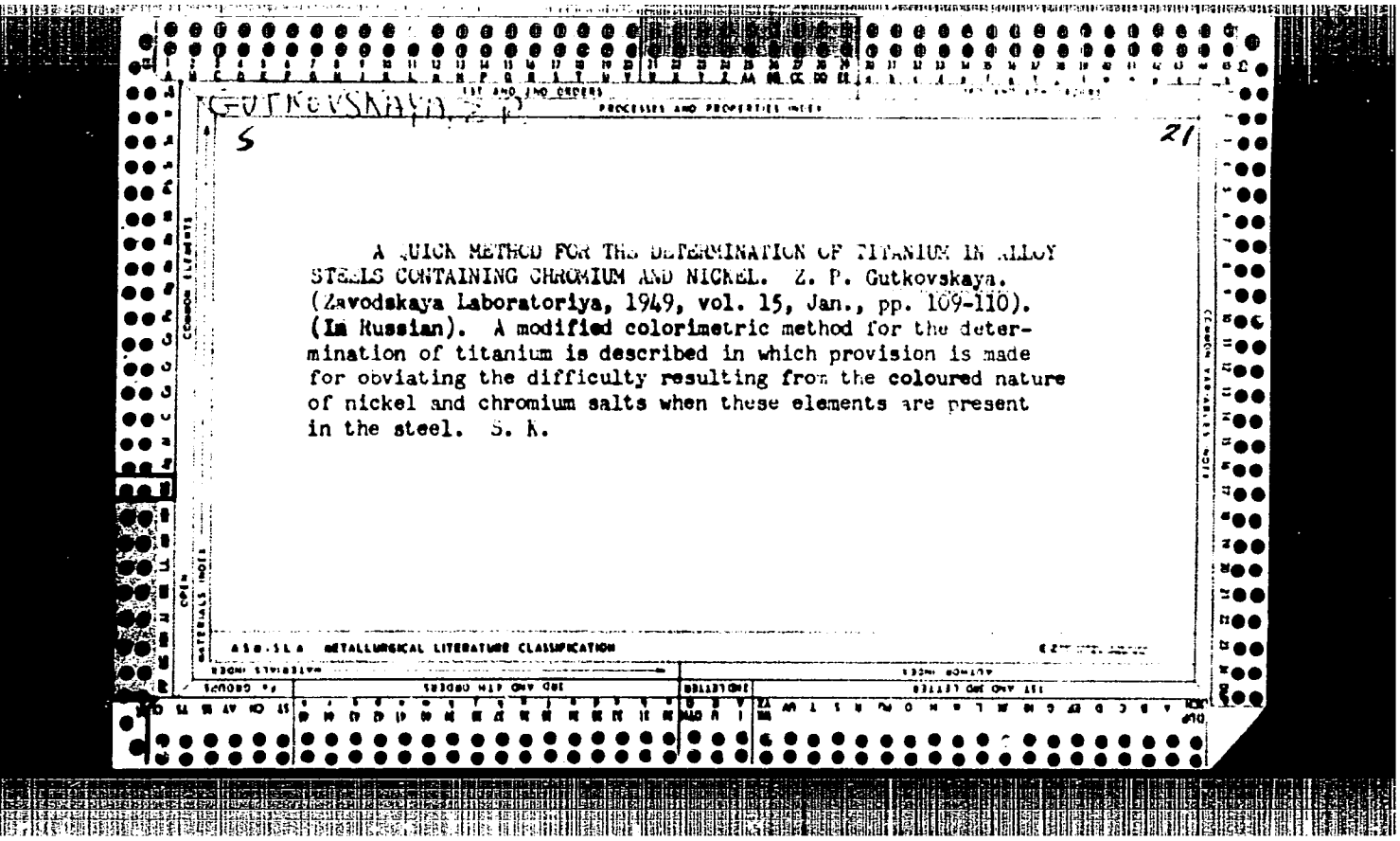
LESUN, Leonid Georgiyevich; GUTKOVSKAYA, O., red.

[Fungus diseases of the feet] Gribkovye zabolevaniia stop. Minsk, Belarus', 1965. 158 p. (MIRA 19:1)

DZHABIROV, A.; ORDYNSKIY, I.; KHOBOTOV, N., pensioner; TOMUS, Ye., domokhozyayka; GUTKOVSKAYA, R., KRYLOVSKAYA, L.

Saran' today. Mast.ugl. 8 no.9:19-21 S '59.
(MIRA 13:2)

1. Karagandinskiy ugol'nyy basseyn. 2. Brigadir dobychnoy shakhty No.106 g.Saran' (for Dzhabirov). 3. Predsedatel' postoyanno deystvuyushchey komissii obshchestvennogo kontrolya za rabotoy otdela rabochego snabzheniya g.Saran' (for Ordynskiy) 4. Literaturnyy sotrudnik gorodskoy gazety "Golos shakhtera," g.Saran' (for Gutkovskaya). 5. Spetsial'nyy korrespondent zhurnala "Master ugl'ya" (for Krylovskaya).
(Karaganda Basin--Cities and towns)



GUTKOVSKAYA, Z. P.

S 21

A QUICK METHOD FOR THE DETERMINATION OF TITANIUM IN ALLOY STEELS CONTAINING CHROMIUM AND NICKEL. Z. P. Gutkovskaya. (Zavodskaya Laboratoriya, 1949, vol. 15, Jan., pp. 109-110). (In Russian). A modified colorimetric method for the determination of titanium is described in which provision is made for obviating the difficulty resulting from the coloured nature of nickel and chromium salts when these elements are present in the steel. S. K.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

GUTKOVSKAYA, Z. P.

USSR/Metals - Carburizing Nov 50

"Accelerated Method for Control of Solid Carburizing Agent," Z. P. Gutkovskaya

"Zavod Lab" No 11, pp 1398, 1399

Control of solid carburizing agent is usually realized by detg total amt of combined carbon dioxide and moisture content. Detn of moisture may be achieved by Dean and Stark distilling method which permits decreasing detn time from 4-6 hr to 30-40 min.

18OT84

GUTKOVSKIY, F. (Varshava, Pol'sha).

Graphic method for the study of equations. Mat. v shkole no.6:25-29 N-D '56. (MLRA 10:1)

(Equations--Graphic methods)

GUTKOVSKIY, F. (Pol'sha, Varshava).

The teaching of mathematics in secondary schools of Poland. Mat. v shkole no.3:71-74 My-Je '57. (MLRA 10:6)
(Poland--Mathematics--Study and teaching)

GUTKOVSKIY, F. (Varshava).

On A.S. Il'in's article. Mat. v shkole no.2:28-30 Mr-Ap '58.
(Geometry) (MIRA 11:2)

GUTKOVSKIY, F.(Varshava)

Conventional form of writing. Mat. v shkole no. 4:31 Jl-Ag '58.
(MIRA 11:7)
(Ratio and proportion)

GUTKOVSKIY, F. (Varshava)

Concerning V.N.Isakov's article "Various ways of solving geometrical construction problems." Mat.v shkole no.4:61-62 Jl-Ag '59. (MIRA 12:11)

(Geometrical drawing)

GUTKOVSKIY, F. (Varshava)

Editor's mail. Mat. v shkole no.2:45-46 Mr-Ap '62. (MIRA 15:3)
(Mathematics--Study and teaching)

GUTKOVSKIY, Vladimir Antonovich, kandidat tekhnicheskikh nauk; KOZLOV, Leonid Sergeyevich, inzhener; TSYGANKOV, A.Z., inzhener, redaktor; KANDYKIN, A.Ye., tekhnicheskiy redaktor

[Fuel economy for locomotives; experience of locomotive brigades on the Pechora railroad] Ekonomiia topliva na parovozakh; opyt paroveznykh brigad Pechorskoi zheleznoi dorogi. Moskva, Gos. transp. zheleznodorozhnoe izd-vo, 1955. 25 p. (MLRA 9:6)

1.Zamestitel' nachal'nika Pechorskoy zheleznoy dorogi (for Gutkovskiy) 2.Nachal'nik toplivno-teplotekhnicheskogo otdela Pechorskoy zheleznoy dorogi (for Kozlov).

(Locomotives--Fuel consumption)

GUTKOVSKIY, V. A., kand. tekhn. nauk (g. Kotlas)

"Locomotive engineers on heavy trains." Reviewed by V. Gutkovskii. Zhel.dor.transp. 36 no.6:95-96 Je '55. (MIRA 12:4)
(Locomotive engineers)

GUTKOVSKIY, V.A., kand.tekhn.nauk (Orsha); STERLYAGOV, A.A.; MIKLASHEVSKIY, S.N., inzh. (Orsha)

Highly efficient utilization of steam locomotives. Zhel. dor. transp. 40 no.3:70-72 Mr '58. (MIRA 11:4)

1.Nachal'nik depo Orsha, Belorusskoy dorogi (for Sterlyagov).
(Locomotives)

SOKHACHEVSKIY, N.A., prof. (g.Gomel'); GUT'KOVSKIY, V.A., doktor tekhn.nauk (g.Gomel'); DOGIN, M.Ye., doktor tekhn.nauk (g.Gomel'); MIKLASHEVSKIY, S.N., inzh., kand.tekhn.nauk (g.Gomel')

"Diesel locomotives" by K.A.Shishkin and others. Reviewed by N.A.Sokhachevskii and others. Zhel.dor.transp.44 no.3:95-96 Mr '62. (MIRA 15:3)

(Diesel locomotives)(Shishkin,K.A.)

GUTKOVSKIY, V. A., kand. tekhn. nauk (Gomel'); PODCHUFAROV, M. S. (Gomel')

Shift systems in the operation of locomotives. Zhel. dor. transp. 45 no.1:76-77 Ja '63. (MIRA 16:4)

1. Nachal'nik sluzhby lokomotivnogo khozyaystva Belorusskoy dorogi (for Podchufarov).

(White Russia—Locomotives)

SYTSKO, P.A.; GUTKOVSKIY, V.A.; PODCHUFAROV, M.S.; BULANKOV, L.V. inzh., retsenzent; MAMCHENKO, V.P., inzh., red.; DROZDOVA, N.D., tekhn. red.

[Shift crew method in the operation of locomotives; experience of the White Russian Railroad] Smennaia ezda na parovozakh; opyt Belorusskoi dorogi. Moskva, Transzheldorizdat, 1963. 56 p. (MIRA 16:12)
(White Russia--Railroads--Management)

SYTKO, I.A. dotsent (Gomel'); GUTKOVSKIY, V.A. kand.tekhn.nauk (Gomel')

Potentialities for increasing the operative efficiency of locomotives. Zhel.dor.transp. 45 no.7:26-29 Jl '63. (MIRA 16:9)

1. Doktor Belorusskogo instituta inzhenerov zheleznodorozhnogo transporta (for Sytko).
(Locomotives--Performance)

SYTSKO, P.A., dotsent (Gomel'); GUTKOVSKIY, V.A., dotsent (Gomel')

Improved efficiency in the utilization of locomotives. Zhel. dor. transp. 46 no.8:21-26 Ag '64. (MIRA 17:11)

GUTKOWSKA, B.

2

1-Hydrazinophthalazine and thiocyanatophthalazine. S. Biniecki and B. Gutkowska (Med. Acad., Warsaw). *Acta Polon. Pharm.* 11, 27–30(1955)(English summary).—*o*-$OHCC_6H_4CO_2H$ (I) (9 g.) was dissolved in the min. amt. of hot H_2O and treated with a hot aq. soln. of 6.06 g. $H_2NNH_2.H_2SO_4$ (II) and 9.12 g. AcONa to give 8.7 g. 1-phthalazone (III), m. 183–4°. III (5.8 g.) refluxed 0.5 hr. with 17.4 g. $POCl_3$, poured into 115 ml. H_2O, and the mixt. treated slowly with 170 ml. 25% aq. NaOH pptd. 1-chlorophthalazine (IV), which was filtered off, washed with H_2O, dried *in vacuo* and converted into 1-hydrazinophthalazine by the method of Druey and Ringer (cf. *C.A.* 45, 10428*c*), m. 165–72°; hydrochloride, m. 271–2°. 1-Thiocyanatophthalazine prepd. similarly from IV and NaCNS, b$_{0.05}$ 180–205°, m. 130°. A. Shadan

GUTKOWSKA, Bozena; BINIECKI, Stanislaw

Production of some β-aminoethylamides and guanylhydrazides of aromatic acids. I. Acta pol. pharm. 19 no.3:243-249 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr. St. Biniecki.
(AMIDES chem) (HYDRAZINES chem)

GUTKOWSKA, Bozenna; BINIECKI, Stanislaw

Synthesis of some β-aminoethylamides and some guanylhydrazides of aromatic acids. II. Acta pol. pharm. 19 no.4:293-298 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr St. Biniecki.
(HYDRAZINES) (AMIDES) (PHENYLACETATES)
(ANTHRANILIC ACID)

BINIECKI, Stanislaw; GUTKOWSKA, Bozenna; KOZLOWSKA, Jadwiga

On some amino derivatives of 2-amino-4-methylpyrimidine. Acta pol. pharm. 19 no.5:443-446 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr St. Biniecki.
(PYRIMIDINES)

GUT[illegible]KA, Bozenna, dr; FAB[illegible], [illegible], mgr

More remarks on specialization of pharmacists. Farmacja
Pol 19 no. 13/14:307-308 25 Jl '63.

MASLANKA, Aleksander, mgr inż., GUTKOWSKA, Eugenia, mgr inż.

Studies on the possibility of using substitute fuels in the process of iron ore sintering. Biul inf inst metal żel no.2:14-18 '64.

1. Department of Pig Iron Metallurgy and Ore Processing of the Institute of Iron Metallurgy, Gliwice.

GIETKO,M.; GUTKOWSKA,J.; LANGEROWA,H.

Clinical value of the determination of anti-staphylolysins in staphylococcal infections in children. Pediat. polska 35 no.4: 385-394 Ap '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie, Kierownik: prof. dr med. H. Brokman.
(STAPHYLOCOCCAL INFECTIONS diag.)

BROKMAN, Henryk; CHMIELEWSKA, Danuta; GIETKA, Marian; GUTKOWSKA, J.

Effect of tuberculous sera on the growth of staphylococcal strains. Postepy hig. med. dosw. 16 no.3:597-604 '62.

1. Z Kliniki Terapii Chorob Dzieci AM w Warszawie Kierownik: prof. dr H. Brokman.

(STAPHYLOCOCCUS) (TUBERCULOSIS)

GIETKO, M.; GUTKOWSKA, J.; LANGEROWA, H.

On the problem of the diagnosis of staphylococcal pneumonias and pleurisy. Pediat. polska 35 no.8:877-880 Ag '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie Kierownik: prof. dr med. H.Brokman
(STAPHYLOCOCCAL INFECTIONS diag)
(PLEURISY diag)
(PNEUMONIA diag)

GUTKOWSKA, Jadwiga

Antibodies in staphylococcal infections in children. I. Alpha-antihemolysin. Med. dosw. mikrobiol. 16 no.3:161-168 '64.

1. Z Laboratorium Zespolu Klinik Pediatrycznych Akademii Medycznej w Warszawie.

GUTKOWSKA, Jadwiga

Antibodies in staphylococcal infections in children. II. Antibodies detected with the use of the hemagglutination reaction. Med. dosw. mikrobiol. 16 no.3:169-174 '64.

Antibodies in staphylococcal infections in children. III. Analysis of antibodies with the use of the immuno-diffusion method. Ibid.:177-182

1. Z Laboratorium Zespolu Klinik Pediatrycznych Akademii Medycznej w Warszawie.