"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.M.; MESSINA, V.M.

Materials on the study of malignant tumors of the jaws. Trudy TSIU 62:48-54 '63. (MIRA 18:3)

1. Kafedra chelyustno-litsevoy khirurgii (zav. prof. N.M. Mikhel'son) TSentral'nogo instituta usovershenstvovaniya vrachey.

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MIKHEL'SON, N.M., prof.

Analysis of the results of palatoplastic [illegible] cleft palate. Trudy [illegible].

"Harelip" congenital [illegible] the upper [illegible]. Ibid. [illegible]

Extensive cementomas of the jaw. Ibid. 140-[illegible]

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHELSON, N. N.

Astrophysics, Astrophotometry (3441)

Izv. Glav. Astron. Observ. v. Pulkove, Vol 19, No 152, 1953, pp [illegible]

Mikhelson, N. N.

Self-Recording Compensation Isophotometer

Describes apparatus using two light beams emanated from the light source. One beam hits a photographic plate and the other a photographic wedge, and both converge on a cathode-ray tube. If both beams are equal they are recorded on light-sensitive paper.

SO: Referativnyy Zhurnal -- Astronomiya i Geodeziya, No 5, 1954 (M-30976)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHELSON, M. M.

"Effect of Dislocation of the Negative on the Accuracy of Photometric Measurements"
Izv. Gl. Astron. Obser., 19, 4, No.151, 1953, pp 97-129

The effect of shifting of the negative along the optical axis on accuracy of measurements by automatic microphotometers is investigated. Computed are the magnitude of the light flux falling on the photocell if accurately focused; the same magnitude when passing through various points of the negative if the latter is shifted; and finally the magnitude of light flux falling on the photocell if the negative is shifted. Examples for three particular cases are presented. (RZhAstr, No.11, 1954)

SO: W-31187, 8 Mar 55

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.N.

Photometry of the solar corona of February 25, 1952. Izv. GAO no.6:57-67 '55. (MIRA 13:5)
(Sun--Corona)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.N.

"Electrophotometric Planimeter", by G. A. Gurzadyan, Sobshch. Byurakansk. observ. AN ArmSSR, Issue 18, 1956, pp 33-41 (from Referativnyy Zhurnal -- Astronomiya, Geodeziya, No 2, Feb 57, Abstract No 1101 by N. N. Mikhel'son)

The electrophotometric planimeter measures the light flux proportional to the measured area. For this end, the light flux of a lamp is passed through a diaphragm cut out in paper according to the shape of the measured figure. Behind this diaphragm, a lens gathers light on the selenium photoelement. The photo flux is measured by the galvanometer. The practical error usually does not exceed 1%. (U)

Sum. 1360

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MEL'NIKOV, O.A.; MIKHEL'SON, M.N.

Astronomical instrument building (meeting in Pulkovo). Vest.AN SSSR 26 no.5:94-96 My '56. (MLRA 9:8)
(Astronomical instruments)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.N.

USSR/Optics - General Problems.

Abs Jour : Referat Zhur - Fizika, No 3, 1957, 7581 K-1

Author : Mel'nikov, O.A., Mikhel'son, N.N.

Inst :

Title : Pulkovo Conference on Astronomical Instrument Building.

Orig Pub : Astronom. zh., 1956, 33, No 3, 460-463

Abstract : Report of a conference held on 10 -- 12 February 1956, in Pulkovo.

Card 1/1

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.N., kandidat fiziko-matematicheskikh nauk.

Modern telescopes. Priroda 46 no.3:11-23 Mr '57. (MLRA 10:3)

1. Glavnaya astronomicheskaya observatoriya Akademii nauk SSSR (Leningrad, Pulkovo).

(Telescope)

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N. N.

"Photometry of the Solar Corona on February 25, 1952"

(Total Eclipse of the Sun, February 25, 1952 and June 30, 1954, Transactions of the Expedition to Observe Solar Eclipses) Moscow, Izd-vo AN SSSR, 1958. 357 p.

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69873

3. 1220

SOV/35-59-9-7413

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 9, pp 86 - 87 (USSR)

AUTHOR: Mikhel'son, N.N.

TITLE: A Computer for Introducing Corrections for the Mean Refraction in the Position of the Telescope

PERIODICAL: Izv. Gl. astron. observ. v Pulkove, 1958, Vol 21, Nr 3, pp 149 - 152 (Engl. résumé)

ABSTRACT: There is a description of a computer for introducing corrections for the mean refraction in the position of the telescope during its tracing a luminary. The corrections of equatorial coordinates of the star for the mean refraction are expressed in the form of equations:

$$r_t = - r_o \operatorname{tg} z \sin p \sec \delta ,$$

$$r_\delta = + r_o \operatorname{tg} z \cos p,$$

(DIAGRAM)

where r_t is the correction of the hourly angle, r_δ is the correction of declination, r_o is the constant of the mean refraction ($r_o = 57",5$), δ is declination of the star, z is zenith distance, p is the parallactic angle in

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69873
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A Computer for Introducing Corrections for the Mean Refraction in the Position of the Telescope

the pole-zenith-star triangle. A cardan mechanism has been developed consisting of two hinge-connected rods, the angle between which is equal to the zenith distance of the star, while the turn of shaft A (see diagram) relative to the stationary ring of the bearing reproduces the parallactic angle p. Rod A is fixed to the tube of the telescope and rotates in bearings G_1 and G_2 always remaining parallel to the optic axis of the telescope. The end of the second rod bears the weight D_1 forcing the axis of the joint to always occupy a horizontal position. The main diagram of the mechanism is given, using sine-cosine rotating transformers (SCRT). It is pointed out that, because of smaller dimensions, fewer moments of friction and the convenience of working with an alternating current, the use of the SCRT is preferable to the use of functional potentiometers. The position of the telescope is corrected by transmitting the values of r_t and r_δ by the motors M_1 and M_2 through shafts of the Cardan mechanism A and C. This method of introducing corrections for the refraction is to be used in a reflector with a mirror diameter of 0.7 m now being constructed in Pulkovo.

Card 2/2

G.V. Borodina

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

3.1220

69871
SOV/35-59-9-7411

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 9, p 86 (USSR)

AUTHOR: Mikhel'son, N.N.

TITLE: Beryllium - a Potential Material for Astronomical Mirrors of the Future

PERIODICAL: Izv. Gl. astron. observ. v Pulkove, 1958, Vol 21, Nr 3, pp 153 - 159 (Engl. résumé)

ABSTRACT: There is an enumeration of the requirements which must be met by the material to be used for an astronomical mirror. The author considers that beryllium meets most of the requirements in the best way. A mirror made of beryllium is 3 times lighter than a mirror made of Pyrex, quartz, chrome, or aluminum and 10 times lighter than a steel one. The rigidity coefficient of beryllium is by 16.2 and the heat conductivity by 4 times greater than that of steel. With an identical diameter a beryllium mirror can be made either 2.4 times thinner than a mirror made of quartz, Pyrex or aluminum, or the load system can be simplified. Two samples of beryllium were examined. It was found that it is difficult to polish beryllium with ordinary abrasives.

Card 1/2

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MIKHEL'SON, N., starshiy nauchnyy sotrudnik

Electrons control a telescope. Znan. ta pratsia no.3:15 Mr '59.
(MIRA 12:10)

1.Pulkovskaya observatoriya.
(Astronomical instruments)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

YAROSHEVICH, S.V.; MIKHEL'SON, N.N., starshiy nauchnyy sotrudnik

Computer for the AT-1 telescope. Biul.sta.opt.nabl.isk.sput. Zem. no.7:19-22 '59. (MIRA 13:5)

1. Dnepropetrovskaya stantsiya nablyudeniya iskusstvennogo sputnika zemli (for Yaroshevich). 2. Glavnaya astronomicheskaya observatoriya AN SSSR (for Mikhel'son).
(Electronic calculating machines)
(Artificial satellites--Tracking)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

S/030/61/000/009/012/013
B105/B101

AUTHOR: Mikhel'son, N. N., Candidate of Physics and Mathematics

TITLE: New techniques in astronomy

PERIODICAL: Akademiya nauk SSSR. Vestnik, no. 9, 1961, 126-129

TEXT: The conference held in Moscow on April 18-20, 1961 was devoted to new techniques in astronomy, involving new designs of telescopes, control systems, astronomical instruments, photoelectric light receivers. A report dealt with the new reflecting telescope imeni G. A. Shayn recently set up in the Krymskaya astrofizicheskaya Observatoriya (Crimean Astrophysical Observatory). B. K. Ioannisiani, chief designer of this telescope, reported that the main mirror was 2.6 m in diameter (relative aperture: 1:4). Correction systems provide relative apertures of 1:2.6 to 1:4 and a tolerable field diameter of 2' to 25' in the main focal point to enlarge the field of view. V. V. Oshurko reported on the procedure followed in producing the main mirror of this telescope. Factory tests made by the compensating method of D. D. Maksutov indicated a high surface quality. The cross section of an image point does not exceed 10μ. N. S.

Card 1/3

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

New techniques in astronomy

S/030/61/000/009/012/013
B105/B101

Zhurkin, G. L. Bruk, V. M. Konshin spoke on photoelectric tracking instruments. V. B. Nikonov reported on experiments and observations made possible by the telescope. Electron-optical reproduction made it possible to observe stars of a magnitude of 19.5 at an exposure of 2 sec. Yu. S. Streletskiy described, on behalf of a team of designers, a modernized mounting-type of a 700-mm telescope of the Glavnaya astronomicheskaya observatoriya Akademii nauk SSSR (Main Astronomical Observatory of the Academy of Sciences USSR) at Pulkovo. D. D. Maksutov spoke on the original optics of an astrometric meniscus astrograph to be built in the Soviet Union for use on the southern hemisphere. Telescope control computers are being developed at the Institut elektromekhaniki (Institute of Electromechanics) in Leningrad. V. A. Naumov recommended a system for the automatic evaluation of observation results. A. P. Kundzin' reported on an original automatic stellar electrophotometer with program control developed at the Astrofizicheskaya observatoriya Akademii nauk Latviyskoy SSR (Astrophysical Observatory of the Academy of Sciences Latviyskaya SSR). L. A. Ksamfomaliti described an automatic electropolarimeter which was set up at the Abastumanskaya astrofizicheskaya observatoriya (Abastumani Astrophysical Observatory) for preparing lunar polarization charts. N. M.

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New techniques in astronomy

S/030/61/000/009/012/013
B105/B101

Shakhovskoy spoke of a stellar electropolarimeter developed at the Crimean Astrophysical Observatory. Studies of the infrared part of the spectrum have been conducted by the Astronomicheskiy institut im. P. K. Shternberg (Astronomical Institute imeni P. K. Shternberg) using lead sulfide photoresistors. At the same institute, P. V. Shcheglov used small photocontact tubes to observe weakly emitting objects. V. F. Yesipov used these tubes for spectroscopy and examined the relative spectral line intensities up to 11,000 Å. V. P. Linnik reported on a slitless stellar spectrograph with guide, and on the use of Talbot's interference fringes for the production of bench marks. V. N. Karpinskiy used the grid twice in the photoelectric monochromator by deflecting the rays into the opposite direction by means of a corner reflector. All astronomical institutions of the USSR are working on the development of new devices to improve observation methods and to speed up the evaluation of results. Measures have been taken to equip astronomical observatories throughout the USSR with improved modern instruments.

Card 3/3

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MIKHEL'SON, N.I.

Horizontal mounting of telescopes. Izv.GAO 22 no.4:131-140 '61. (MIRA 14:10)

(Telescope)

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41201

S/194/62/000/007/022/160
D222/D309

AUTHOR: Mikhel'son, N.N.

TITLE: Analog computer mechanism for average-refraction correction in telescope position. Part II. Error theory of the mechanism

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1962, abstract 7-1-122 b (Izv. Gl. astron. observ. v Pulkove, 1961, 22, no. 4, 141-150 [Summary in Eng.])

TEXT: The possible sources of error in the analog computer mechanism for the introduction of the corrections r_t and r_δ, because of the average refraction into the telescope position with respect to direct ascent and declination, are examined. In the analysis of the error it is assumed that the refraction-correction should not exceed 5^1. It is shown that the errors dr_t and dr_o caused by the insufficiencies of SKVT-p and SKVT and determined by the influence of

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moments of friction in them, amount to 0''8 and 0''4 respectively. The error in SKVT-δ, because of the play in transmission, eccentricity and so on, is much more pronounced. It appears that SKVT-δ must be of the highest class of accuracy. The influence of an inaccurate adjustment of the telescope with respect to azimuth and latitude is equivalent to adjusting it on an arbitrary assembly with given coordinates of the polar star A_1 and δ_1. The influence of errors in the construction of the mechanism, due to the fact that the angle between the axes SKVT-p and SKVT-z can differ from a right angle by a small quantity ξ, and the angle between the axis SKVT-z and the direction of the line connecting the center of gravity of the load with the intersection of the axis SKVT-p and SKVT-z can differ from a right angle by a quantity φ and the influence of errors in the working which consist in insufficiencies in the required positions of the rotors LVT = r_t and LVT = r_δ, are examined. Taking into account all the possible errors of the sine-cosine transformers the following accuracies must be ensured: SKVT = z 23^1, SKVT-p 72^1, SKVT = δ 5^1. The accuracy of adjusting the analog computer mecha-

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nism with respect to the hour angle must be 55^1, and 2^0 with respect to declination. The tolerance of perpendicularity of the axes in the universal joint and the error of the zero point is SKVT = z 20^1. 8 figures, 1 reference. See also izv. GAO, 1958, Gl. Astron. observ., no. 162. [Abstracter's note: Complete translation.]

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

KONSHIN, V. [illegible]; [illegible], N.N.

Driving mechanism of [illegible] and planets. Izv. [illegible] '61. [illegible]

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.N.

"Telescopes". Reviewed by N.N.Mikhel'son. Astron.zhur. 38 no.6: 1118-1119 N-D '61. (MIRA 14:11)

(Telescope)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

ACCESSION NR: AT3008538 S/2984/63/000/000/0023/0027

AUTHORS: Belyayev, Yu. A.; Gerasimova, T. S.; Dravskikh, Z. V.; Mikhel'son, N. N.; Sumin, V. S.; Shkutova, N. A.; Shumakher, A. V.

TITLE: Control system for the RM-700 telescope

SOURCE: Novaya tekhnika v astronomii; materialy* soveshch. Komissii priborostroyen. pri Astronom. sovete AN SSSR, Moskva, 18-20 apr. 1961 g. Moscow, Izd-vo AN SSSR, 1963, 23-27

TOPIC TAGS: control system, automatic control, RM 700 telescope, telescope, ETsUM digital control machine

ABSTRACT: A 700-mm reflector telescope (called the RM-700) has just been built at the Pulkovskaya observatoriya (Pulkovo Observatory). It will be equipped with a double control system. One aspect is a semiautomatic control from a key or with one of two panels operating by semiautomatic control. The position of the telescope will be computed on this panel, each coordinate having a double-metering selsyn connection operating as an indicator. The hour mechanism will be a synchronous motor, supplied by a quartz-crystal clock. The second part of the system is

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ACCESSION NR: AT3008538

automatic control by means of a digital electronic control device (ETsUM). This device has been described by Yu. A. Belyayev (1961, Izv. GAO AN SSSR, 169). It operates with a binary code of sidereal time, computed in angular scale from the panel. This involves the use of a quartz-crystal clock running on sidereal time, a frequency divider and power amplifier, a frequency converter, and a cumulative adder. The operation of the parts is described in considerable detail. "B. N. Batanov (deceased), Yu. N. Gell', and A. V. Korolev participated in this work." Orig. art. has: 7 figures.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya AN SSSR (Main Astronomical Observatory AN SSSR)

SUBMITTED: 00 DATE ACQ: 16Oct63 ENCL: 00

SUB CODE: AA, IE NO REF SOV: 004 OTHER: 000

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, N.N.

Construction of astronomical instruments at the Pulkovo Observatory. Izv. GAO 24 no.1:12-29 '64. (MIRA 18:3)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

FEDOROV, Ye.P.; KUCHEROV, N.I.; BATRAKOV, Yu.V., kand.fiz.-matem.nauk; KOSTYLEV, K.V., kand.fiz.-matem.nauk; MIKHEL'SON, N.B., kand. fiz.-matem.nauk; GINDILIS, L.M., kand.fiz.-matem.nauk

In the Astronomic Council; conferences and plenums. Vest. AN SSSR 34 no.9:112-120 S '64. (MIRA 17:10)

1. Chlen-korrespondent AN UkrSSR (for Fedorov).

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MIKHEL'SON, N.S., prof., red. [deceased]

[Instructions 267-54 for checking glue concentration measuring devices] Instruktsiia 267-54 po poverke kleemerov. Izd. ofitsial'noe. Moskva, 1955. 28 p. (MIRA 14:5)

1. Russia(1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov.
(Hydrometer--Testing) (Glue)

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MIKHEL'SON, O.A.

Patch of flood-plain, weedy, and water plants in eastern Kara Kum. Izv. AN Turk.SSR no.1:78-80 '52. (MLRA 6:8)

1. Repetekskaya peschano-pustynnaya stantsiya Akademii nauk Turkmenskoy SSR. (Kara Kum--Botany) (Botany--Kara Kum)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, O.A.

Some data on determining irrigation rates of deciduous plants in eastern Kara Kum. Izv.AN Turk.SSR no.1:79-80 '55. (MLRA 9:5)

1. Repetekskaya peschano-pustynnaya stantsiya AN Turkmenskoy SSR.
(Kara Kum--Irrigation)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, O.A.

Germination of immature seeds of Ammondendron Conollyi Bge. Izv.AN Turk.SSR no.2:71-72 '55. (MLRA 9:5)

1. Repetekskaya peschano-pustynnaya stantsiya AN Turkmenskoy SSR. (Seeds) (Desert flora)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, O.A.

Some results of vegetation improvement in waste soils of the Kara-Kum Canal. Izv. AN Turk. SSR no.2:82-85 '58. (MIRA 11:4)

1.Repetekskaya peschano-pustynnaya stantsiya i Chardzhoyskiy gosudarstvennyy pedagogicheskiy institut.
(Kara-Kum Canal--Soil stabilization)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, O.A.

Natural growing over dikes of the Kara Kum Canal. Izv. AN Turk. SSR. Ser. biol. nauk no.1:21-25 '61. (MIRA 14:8)

1. Turkmenskoy gosudarstvennyy pedagogicheskiy institut.
(KARA KUM CANAL--SOIL BINDING)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, O.A.; NOVRUZOV, K.

Problems of conservation in training biology teachers. Izv.AN Turk. SSR.Ser.biol.nauk no.3:12-13 '62. (MIRA 15:9)

1. Turkmenskiy pedagogicheskiy institut imeni V.I.Lenina.
(TURKMENISTAN--TEACHERS, TRAINING OF)
(TURKMENISTAN--CONSERVATION OF NATURAL RESOURCES)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

L 3650-66

ACCESSION NR: AP5023648 UR/0296/65/000/004/0081/0082

AUTHOR: Mikhel'son, O. A. 15

TITLE: Vegetation in abandoned settlements 23

SOURCE: AN TurkmSSR. Izvestiya. Seriya biologicheskikh nauk, no. 4, 1965, 81-82

TOPIC TAGS: plant ecology, horticulture, plant morphology

ABSTRACT: The cultivated areas of the Amu-Darya River contain ruins of a large number of ancient fortifications (known as "depe" and farmsteads (known as "khovla") abandoned several centuries ago, and more recently built structures (known as "akoy") abandoned when people moved into kolkhozes. The vegetation of these areas was studied from 1955 to 1963 and is discussed in this article. The old fortifications are located 5 to 10 km apart, rise from 3 to 15 or more meters above ground levels, and are often found near populated areas, cotton fields, and highways. The soils of the ancient fortification areas are quite varied and the vegetation is closely related to that of adjoining areas, consisting mostly of flowering perennials

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ACCESSION NR: AP5023648

and weeds. The present vegetation appeared at the time the fortifications were built; its growth was retarded while the fortifications were in use and then accelerated when they passed out of use. At present some of these areas provide fodder and fuel and others have no vegetation at all. The abandoned farmsteads located at a distance of 0.5 km or more apart are often surrounded by cotton fields. Many of these farmsteads were used until quite recently for living quarters, kholkhoz supply storage, and stables. The buildings are being torn down to increase the size of cotton fields with the advent of mechanized methods. Generally the productivity of such land is high with vegetation represented by various species of cultivated plants and weeds. The more recently abandoned structures are generally located near an irrigation system and the buildings are gradually being removed. In addition to weeds, various cultivated species are found, including fruit trees, grapes, and mulberry trees. Thus, vegetation is largely characterized by typical flowering perennials and weeds in ancient fortification areas, by weeds and some cultivated species in abandoned farmstead areas, and by a variety of cultivated plants and some weeds in the more recently abandoned areas. Orig. art. has: None.

Card 2/3

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L 3650-66

ACCESSION NR: AP5023648

ASSOCIATION: Luganskiy gosudarstvennyy pedagogicheskiy institut (Lugansk State Pedagogical Institute)

SUBMITTED: 19Apr65 ENCL: 00 SUB CODE: LS

NR REF SOV: 001 OTHER: 000

PC

Card 3/3

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, O. V.

Correlation between chronaxia and muscle tonus in lesions of the central nervous system. Trudy LSGMI 64:269-274 '61. (MIRA 15:7)

1. Kafedra fiziologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta. Zav. kafedroy - prof. Yu. M. Uflyand.

(CHRONAXIA) (NERVOUS SYSTEM—DISEASES) (MUSCLES)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, F.B.

CA

Solubility and acid properties of dimethylglyoxime. A. K. Babko and F. B. Mikhelson (Kiev State Univ.). *Zhur. Anal. Khim.* 6, [illegible] (1951).—The solv. of dimethylglyoxime (H_2Dm) in H_2O was detd. at 18-100°. It increased with the temp. from 0.04 g./100 g. soln. at 18° to 0.92 g. at 100°. The solv. was also detd. in NH_4OH taken in concns. of 0.2-0.8 *M* at 18°. The solv. was very small. From these detns. the dissocn. const. defined as $K' = ([H^+][HDm^-]/[H_2Dm])$ was calcd. to be 8×10^{-10}. Similar detns. were made in 8×10^{-4} – 1 *M* NaOH. At 8×10^{-4} – 4×10^{-3} *M* NaOH the ratio $[OH^-]/[HDm^-]$ was const., indicating the formation of HDm^-. At 1 *M* NaOH this ratio became 1, indicating the formation of the neutral salt Na_2Dm. The dissocn. const. calcd. from these data was 8×10^{-10}. The solv. was further detd. in Na and K carbonates. The solv. of H_2Dm increased with the CO_3 concn. up to a certain value after which it declined. This value was 0.1 *M* Na_2CO_3 and 0.2 *M* K_2CO_3. This is attributable to formation of a difficultly sol. double salt composed of the Na or K salt of H_2Dm and the resp. carbonate. The exact compn. of this salt was not ascertained. K_2CO_3 also decreased the solv. of H_2Dm in KOH. M. Hosch

A note on Hildebrand's approximation for thermal pressures in solids. K. Huang (Liverpool Univ., Engl.). *Phil. Mag.* 42, 213-6 (1951).—The distinction between the "vibrational" pressure and the thermal pressure is stressed. The accuracy of the approx. expression improves with increasing temp. The linearly extrapolated vol. from any temp. to the abs. zero lies intermediate between the real vol. at abs. zero of temp. and the vol. corresponding to static equil. If it is extrapolated from a temp. comparable to or higher than the Debye temp. of the solid, the result is expected to lie much nearer to the static equil. value. S. Talansky

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, P.B.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Analytical Chemistry

Volumetric acidimetric determination of nickel with dimethylglyoxime. A. K. Babko and P. B. Mikhel'son (Kiev State Univ.). *Ukrain. Khim. Zhur.* 18, [illegible] (in Russian).—Under specific conditions the Ni dimethylglyoxime ppt., when heated with acid until dissolved then refluxed 5 min. reacts stoichiometrically with 2 equiv. of acid. The free dimethylglyoxime reacts under the same conditions with somewhat less than 1 equiv. of acid. Hence the Ni ppt. after washing free of dimethylglyoxime can be used for the volumetric detn. of Ni. The deviation from the gravimetric method is usually under 1%. The reaction appears to be caused by the interaction of 1 mole of the Ni deriv. with 1 moles of HCl, yielding $NiCl_2$, 2 moles $NH_2OH \cdot HCl$, and 2 moles $AcCMe:NOH$. G. M. Kosolapoff

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, P.P.

Dissertation: "A Study of the Chemicoanalytical Properties of Dimethylglyoxime and Its Compound With Nickel." Cand Chem Sci, Kiev State U, Kiev, 1954. (Referativnyy Zhurnal, Khimiya, Moscow, No. 16, Aug 54)

SO: SUM 393, 24, Feb 1955

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, P. B.

Solubility product of nickel dimethylglyoxime. A. K. Babko and P. B. Mikhel'son. Zhur. Konkrit. Anal. Khim., Akad. Nauk S.S.S.R., Otdel. Khim. Nauk 5(8), 61-7 (1954).—The soly. product of Ni dimethylglyoxime (I) was detd. in 3 buffer mixts. at pH 3 and pH 3.5. Av. value was 2×10^{-20}. Soly. of I was unchanged after 6 hrs. Pure dimethylglyoxime (II) in buffer soln. was not decompd. in 6 hrs. I was shaken 3-6 hrs. with buffer soln. and the pH detd. potentiometrically. The soln. was filtered and to 100 ml. of filtrate was added an excess of alc. soln. of II, and NH_4OH. The ppt was filtered through a glass crucible and dried. The buffer solns. were AcOH + NH_4OH, $CH_2ClCOOH$ + NaOH, and K H phthalate + HCl. At pH 3 the soly. of I did not depend on compn. of buffer mixt. but at pH 3.5 different results were observed in detg. Ni. These differences were not caused by different solubilities of I but by the effect of the anions of the buffer mixts. on the detn. of small amts. of Ni. Air oxidation of I was appreciably faster for AcOH-NH_4OH buffer soln. at pH 3.5, and this data was excluded when the av. value for soly. product was calcd. At pH 4.5 the calcd. and found solubilities agreed satisfactorily. Excess Ni or II affected the soly. of I, as would be predicted from the equation for the soly. product.

Farida Mayerg

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, P.B.

USSR/Chemistry - Analytical chemistry

Card 1/1 Pub. 116 - 22/30

Authors : Babko, A. K., and Mikhel'son, P. B.

Title : Solubility of nickel dimethylglyoxime and dimethylglyoximate in alcohol-water mixtures

Periodical : Ukr. khim. zhur. 21/3, 388-393, June 1955

Abstract : Experiments were conducted to determine the solubility of Ni-dimethylglyoximate and dimethylglyoxime in alcohol-water mixtures and to explain the conditions at which the alcohol does not effect the quantitative Ni-deposition by the dimethylglyoxime. The investigation conducted at 20 - 22° showed that the solubility of dimethylglyoxime in organic solvents immiscible with water varies somewhat depending upon the H_2O content of these solvents. It was found that temperature produced no effect on the solubility of the glyoxime. Nine references: 7 USSR and 2 German (1907-1954). Tables; graphs.

Institution : The T. G. Shevchenko State Univ., Kiev

Submitted : October 16, 1954

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, P. B.

Color reaction for tin with the formation of a ternary complex of tin-iron (II)-dimethylglyoxime. Ukr. khim. zhur. 28 no.5: 643-644 '62. (MIRA 15:10)

1. Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko.

(Tin compounds) (Tin--Analysis)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

BABKO, A.K.; MIKHEL'SON, P.B.; KIRPA, I.M.

Photometric determination of tin as a tin-iron-dimethylglyoxime ternary compound. Ukr.khim.zhur. 28 no.8:963-967 '62. (MIRA 15:11)

1. Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.
(Tin--Analysis) (Tin compounds)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

BABKO, A.A.; MIKHAILOV, [illegible]; [illegible]

Composition of the [illegible] complex [illegible] tetramethylpyr[illegible] the presence of tin dichloride. Zh. obshch. khim. [illegible] 309-310 '64.

1. Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

BABKO, A.K.; MIKHEL'SON, P.G.

Three-component complex compound containing iron, tin, and dimethylglyoxime. Zhur. neorg. khim. 5 no.10:2284-2289 O '60.
(MIRA 13:11)

1. Kiyevskiy gosudarstvennyy universitet.
(Tin compounds) (Iron compounds) (Glyoxime)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHELSON R.S.

IKELSON, R.S., [illegible], F.E. and [illegible]OLYADITSKAYA, L.S.

"On the problem concerning the method of manufacturing valuable preparations of dry dycenteric bacteriophage on solid culture medium," Zhurnal Mikrobiology, 1[illegible], pp [illegible]-7, 1946.

From the Central Institute of Epidemiology and Microbiology of the USSR Ministry of Health.

SO: Trans.-544, by L. Lalich.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, R.

"Action of Streptomycin on Typhoid Bacteriophage," Zhur Mikrob, Epidem, i Immunobiol, No. 11, p 36, 1948.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, M. S., KOLYADITSKAYA, I. S., and SHUTYGINA, A.

"A Comparative study of the lytic Activity of Dry and Liquid Bacteriophage," Zhur Mikrobiol, Epidemiol i Immunobiol, 1956, No. 4.

Mikrobiologiya, Vol XX, No. 5, 1951.
[redacted]-W-24635.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, R. S.

USSR/Medicine - Modification of Microorganisms; Dysentery

Nov 53

"Investigation of Filterable Forms of Bacteria Isolated From Dysentery Phage Filtrates," V. D. Timakov, R. S. Mikhel'son, L. S. Kolyaditskaya, A. A. Shmurygina, Inst of Epidem and Microbiol im N. F. Gamaleya, Acad Med Sci USSR

Zhur Mikro, Epid, i Immun, No 11, pp 5-11

Secondary cultures obtained from phagolysates of dysentery bacilli were not very active. They could be regenerated by repeated culturing on a nutrient

271T33

medium. Secondary culture No 23 exhibited a common antigenic structure with the initial strain. By cross-agglutination, the mutual resemblance of antigenic structures of different secondary cultures as well as of secondary initial strains could be shown. The immune serum obtained by immunizing rabbits with a secondary culture protected mice from lethal doses of the culture and of the initial strain. Animals immunized with the initial strain were more resistant to a homologous culture than to secondary cultures. Immunization with secondary cultures did not assure complete protection against the initial strain, while there was pronounced resistance to homologous cultures.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

BERISHVILI, G. A.; SINDZHIKASHVILI, A. N.; MIKHEL'SON, R. V.

Efficiency of using short delay blasting in the coal mines of Georgia. Ugol' 37 no.10:48-50 O '62. (MIRA 15:10)

1. Institut gornogo dela AN Gruzinskoy SSR.

(Georgia—Blasting)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

KUNKIN, Ya.A., kand. tekhn. nauk; BARANNIK, Yu.P., inzh.; MIKHEL'SON, S.Ya., inzh.

Fine diamond grinding of the curvilinear surface of a hardened steel cam disk. Mashinostroenie no.3:54-56 My-Je '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

KUNKIN, Ya.A., kand. tekhn. nauk; BARANNIK, Ya.P.; MIKHEL'SON,

Using synthetic diamond paste in lapping holes. Mash[illegible]
no.9:41 S '65.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.A.

Blood transfusion by the two-stage method in a district hospital. Probl.gemat. i perel.krovi 1 no.2:58 Mr-Ap '56. (MLRA 10:1)

1. Iz Goragorskoy uchastkovoy bol'nitsy Nadterechnogo rayona Groznenskoy oblasti.
(BLOOD--TRANSFUSION)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.A.

Use of ditilin under clinical and experimental conditions [with summary in English]. Khirurgiia 34 no.6:50-59 Je '58 (MIRA 11:8)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. (dir. prof. V.V. Kovanov).

(MUSCLE RELAXANTS, therapeutic use
potentiation of general anesth. in thoracic & abdom. surg., clin. & exper. trial (Rus))
(ANESTHESIA,
potentiation by musc. relaxant in thoracic & abdom. surg. clin. $exper trail (Rus))
(THORAX, surgery
general anesth. potentiated by musc. relaxant, clin.& exper. trial (Rus))
(ABDOMEN, surgery
same (Rus))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

LUKOMSKIY, G.I.; MANEVICH, A.Z.; MIKHEL'SON, V.A.

Use of ganglion-blocking drug arfonad. Akt. vop. obezbol. no.2: 151-160 '59. (MIRA 14:5)

1. Iz kafedry fakul'tetskoy khirurgii sanfiga 1 Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova (zaveduyushchiy prof. I.S.Zhorov).

(IMIDAZOTHIENOTHIOLIUM COMPOUNDS)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

LUKOMSKIY, G.I. (Moskva, K-31, ul. Zhdanova, d.6, kv.6); MANEVICH, A.Z.; Mikhel'son, V.A.

Hypotonia controlled by arfonad. Nov.khir.arkh. no.5:38-45 S-O '59. (MIRA 13:3)

1. Kafedra fakul'tetskoy khirurgii (zaveduyushchiy - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta 1-go Moskovskogo meditsinskogo instituta.

(HYPOTENSION) (IMIDAZOTHIENOTHIOLIUM COMPOUNDS)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.A.; YUREVICH, V.M.

Use of muscle relaxants without tracheal intubation in surgical practice. Khirurgiia 35 no.10:90-95 O '59. (MIRA 12:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(MUSCLE RELAXANTS ther.)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

LUKOMSKIY, G.I.; MIKHEL'SON, V.A.

Massive postoperative atelectasis of the lungs. Khirurgiia 36 no.1:44-49 Ja '60. (MIRA 13:10)
(LUNGS—COLLAPSE)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MENYAYLOV, N.V.; MIKHEL'SON, V.A.

Experience in the use of muscle relaxants (ditilin) in anesthesia in pediatric surgery. Khirurgiia 36 no.7:47-50 Je '60. (MIRA 13:12)

(CHOLINE) (CHILDREN--SURGERY)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MININ, N.I., dotsent; BABIN, V.B.; KOFMAN, I.L.; MANEVICH, V.A.; MIKHEL'SON, V.A.; YUREVICH, V.M.

Concentration of ether in the blood during various types of ether-oxygen anesthesia. Vest.khir. 85 no.9:95-100 S '60. (MIRA 13:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta 1-go Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(ETHER (ANESTHETIC))

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

ZHOROV, I.S., prof.; MANEVICH, A.Z.; MIKHEL'SON, V.A.

Experience in the use of cyclopropane, nitrous oxide, and oxygen anesthesia. Vest.khir. 85 no.11:111-115 N '60. (MIRA 14:2)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta 1-go Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.
(CYCLOPROPANE) (NITROUS OXIDE)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V. A., CAND MED SCI, "APPLICATION IN ANESTHESIOLOGY OF SHORT-ACTION depolarizing MUSCLE RELAXANTS (DI-LITIN [redacted] AND ITS ANALOGUES)." MOSCOW, 1961. (SECOND MOSCOW STATE MED INST IM N. I. PIROGOV). (KL, 3-61,233).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V. A.; MANEVICH, A. Z.; LUKICH, V. L.; ERIVANTSEV, N. A.; SVADZHAN, Z. P.; SUM-SHIK, I. Ye.

Use in the hospital of UNAP-2 anesthesia apparatus. Nov. med. tekh. no.3:14-18 '61. (MIRA 14:12)

1. I Moskovskiy ordena Lenina meditsinskiy institut imeni I. M. Sechenova.

(ANESTHESIOLOGY--APPARATUS AND INSTRUMENTS)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MANEVICH, A.Z.; MIKHEL'SON, V.A.

Hazard of regurgitation and aspiration of gastric contents following the administration of muscle relaxants. Khirurgiia 37 no.4:125-126 '61. (MIRA 14:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - zasluzhennyy deyatel' nauki prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(MUSCLE RELAXANTS) (INTRATRACHEAL ANESTHESIA)
(VOMITING)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHELSON, V.A., LUKIN-BUTENKO, G.A.

"The prophylaxis of vomiting and regurgiatition in anaesthesia for acute surgery.

Report submitted for the First European Congress of Anesthesiology, Vienna, Austria 3-9 Sep 1962

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

ZHOROV, V.I.; MANEVICH, A.Z.; MIKHEL'SON, V.A.

Adaptation of the "Krasnogvardeets" apparatus for the application of fluothane(ftorotan)anesthesia. Med.prom. 17.no.4:60-62 Ap '63. (MIRA 16:7)

1. I Moskovskiy ordena Lenina meditsinskiy institut imeni Sechenova i Nauchno-issledovatel'skiy onkologicheskiy institut imeni P.A. Gertsena.

(ANESTHESIOLOGY—EQUIPMENT AND SUPPLIES)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MANEVICH, A.Z.; MARKIN, A.I.; MIKHEL'SON, V.A.

Anesthesia by the use of a mixture of nitrous oxide, oxygen and fluorothane (fluothane) in a stomatological polyclinic. Stomatologiia 42 no.3:37-41 My-Je'63 (MIRA 17:1)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - zasluzhennyy deyatel' nauki prof. I.S. Zhorov) sanitarno gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.A.

Clinical testing of tubocurarin, the new muscle relaxant. Trudy
I-go MMI 33:[illegible] 1956.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

BAKH, V.B.; [illegible]

[illegible]

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MIKHEL'SON, V.A.

Nobutane, a new Soviet muscle relaxant. Trudy 1-go MMI 33:355-364 '64. (MIRA 18:3)

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[illegible], Alex. Ye. [illegible]; [illegible]
[illegible] KR[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] narkoza; [illegible]
[illegible]
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[illegible]

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VISHNEVSKAYA, M.A.; MANEVICH, A.Z.; MZHEL'SKAYA, T.I.; MIKHEL'SON, V.A.

Changes in pulmonary ventilation and gaseous metabolism in fluothane anesthesia. Eksper. khir. i anest. 9 no.2:64-71 Mr-Ap '64. (MIRA 17:11)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova i otdeleniye bor'by s dykhatel'noy nedostatochnost'yu (zav. - doktor med. nauk L.M. Popova) Instituta nevrologii AMN SSSR, Moskva.

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USVATOVA, I.Ya.; MANEVICH, A.Z.; MUSHCHEBYAKOVA, S.A.; MIKHEL'SON, L.A.

Changes in the glycocorticoid function of the adrenal cortex in relation to anesthesia and surgery. Sov. med. 26 n. 1:[illegible]-6, [illegible]. (MIRA 17:1[illegible])

1. Mezhklinicheskaya gormonal'naya laboratoriya (zav. - kand. med. nauk V.V. Men'shikov) i kafedra fakul'tetskoy khirurgii (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

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VI[illegible]KAYA, M.A.; GAYZLER, Yu.S.; GRISHINA, I.M.; MIKHEL'S[illegible]N, [illegible].A.

Hemodynamic changes during intubation of the trachea with a regular or a Karlens' tube. Sov.med. 28 no.1:81-84 [illegible]. (MIRA 18:1)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. I.S.Zh[illegible]) lechebnogo vechernego fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova na baze 61-y klinicheskoy bol'nitsy i kafedra gospital'noy khirurgii (zav. - prof. V.S.Mayat) lechebnogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova na baze 5-y Gorodskoy klinicheskoy bol'nitsy.

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LUKIN-BUTENKO, G.A.; MANEVICH, A.Z.; MIKHEL'SON, V.A.; LUKOMSKIY, G.I.; TYUKOV, V.L.

Prevention and treatment of vomiting and regurgitation of the contents of the stomach in anesthesia in emergency surgery. Trudy Inst. im. N.V. Sklif. 9:233-239 '63. (MIRA 18:6)

1. Kafedra fakul'tetskoy khirurgii sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

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MANEVICH, A.Z.; MIKHEL'SON, V.A.

Use of the anesthetic mixture of cyclopropane, nitrous oxide and oxygen in constant proportions of these gases. Trudy 1-go MMI 33: 390-396 '64. (MIRA 18:3)

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DEGTYAREVA, L.G.; MIKHELSON, V.A.

Experience in using in the clinic the Soviet [illegible] kvalidil. Eksper. khir. i anest. 7 no.6:[illegible] N-D '62. MIRA 16:[illegible]

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - prof. [illegible] Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova.

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MOMOT, S.A.; MIKHELSON, V.A.

Methodology of determining muscle relaxants in the blood. Sov.med. 28 no.15 [illegible] 1964. MIRA 18:8

1. Kafedra klinicheskoy i eksperimentalnoy fiziologii (zav. - dotsent Ye.F.Poleznayev) Tsentralnogo instituta usovershenstvovaniya vrachey i fakultetskaya khirurgicheskaya klinika (zav. - prof. I.S.Zhorov) vsesoyuznogo zaochnogo fakulteta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

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ZHOROV, I.S.; LUKOMSKIY, G.I.; MANEVICH, A.Z.; MIKHEL'SON, V.A.

Some problems in the use of muscle relaxants in contemporary anesthesiology; questionnaire data. Eksp. khir. i anest. 8 no.5:49-54 S-O '63. (MIRA 17:6)

1. Kafedra fakul'tetskoy khirurgii (zav.- prof. I.S. Zhorov), sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

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ZHOROV, I.S., prof.; LUKIN-BUTENKO, G.A.; MIKHEL'SON, V.A.

Danger of regurgitation in modern anesthesia. Khirurgiia 40 no.2:141-145 F '64. (MIRA 17:7)

1. Kafedra fakul'tetskoy khirurgii sanitarno-gigiyenicheskogo fakul'teta (zav. - prof. I.S. Zhorov) 1-go Moskovskogo ordena Lenina meditsinskogo instituta im. Sechenova i khirurgicheskoye otdeleniye TSentral'noy klinicheskoy bol'nitsy imeni N.A. Semashko (nauchnyy rukovoditel' - prof. T.P. Makarenko) Ministerstva putey soobshcheniya, Moskva.

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MIKHEL'SON, V.I., inzhener.

Blowing out the lower parts of boilers. Elek.sta. 25 no.1:50 Ja '54. (MLRA 7:1)

(Steam boilers)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

Subject : USSR/Power AID P - 4031

Card 1/1 Pub. 26 - 20/31

Author : Mikhel'son, V. I., Eng.

Title : Changes in the float and sediment chamber design.

Periodical : Elek. sta., 11, 52, N 1955

Abstract : Some changes made in the float and sediment chamber at one of the power plants are described and their performance explained. Two diagrams.

Institution : None

Submitted : No date

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.I., inzhener.

Preparing the regenerative solution of table salt in small capacity installations. Energetik 5 no.4:17-18 Ap '57. (MLRA 10:6)
(Feed water)

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MIKHEL'SON, V.I.

Phosphate treatment of boiler water. Energ.biul.no.9:22-25 S '57. (MIRA 10:10)

(Feed-water purification)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.I., inzh.

Corrosion of the metal of a boiler covered with a layer of slime. Elek. sta. 33 no.5:12-14 My '62. (MIRA 15:7)
(Boilers—Corrosion)

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MIKHEL'SON, V.M.

Characteristics of the radiosensitizing effect of oxygen on Vicia faba seedlings following X-ray irradiation. Radiobiologiia 5 no.4:589-592 '65. (MIRA 18:9)

1. Institut tsitologii AN SSSR, Leningrad.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

1. MIKHEL'SON, V. S.

2. USSR (600)

4. Square

7. Amazing square. B. A. Kordenskii, N. V. Rusalev. Reviewed by V. S. Mikhel'son. Mat. v shkole No. 2, 1953.

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

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.S. (Moscow) (Reviewer)

Again about a "curious" problem ("Numbers and their theory." G.N.Berman. Reviewed by V.S.Mikhel'son). Mat.v shkole no.3:82-83 My-Je '54. (MLRA 7:6)
(Numbers, Theory of) (Berman, Georgii Nikolaevich, d. 1949)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V. S.

FD-1171

USSR/Mathematics - Inequalities

Card 1/1 Pub. 118-12/30

Author : Mikhel'son, V. S.

Title : Signs of the solution to a system of linear equations

Periodical : Usp. mat. nauk, 9, No 3(61), 163-170, Jul-Sep 1954

Abstract : The author gives the necessary and sufficient conditions for the existence of a solution to the system of linear equations of the type $\sum a_{ij}x_j + a_{io} = 0$ (j=1 to n; i is between 1 and m) having a given sequence of signs. He also solves the problem of the existence of such solutions for a system of linear inequalities of the same form but with the equality sign replaced by the inequality sign. In particular he obtains the necessary and sufficient conditions for the conjointness of a system of linear inequalities, which conditions are distinguished in form from known ones. One reference: "Survey article on linear inequalities," Usp. mat. nauk, 8, No 2, 7-73, 1953.

Institution :

Submitted : July 6, 1953

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

MIKHEL'SON, V.S. (Moscow)

Calculating machines. Mat.v shkole no.5:1-10 S-O '55. (MLRA 8:11)
(Calculating machines)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134110019-0

KUZ'MINOK, G.K. (Moskva); MIKHEL'SON, V.S. (Moskva)

Using integrators for investigation of certain classes of functions. Insh.sbor. 24:190-208 '56. (MLRA 10:5)
(Integrators) (Functional analysis)

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PHASE I BOOK EXPLOITATION SOV/6405

Mikhel'son, Vladimir Solomonovich

Elementy vychislitel'noy matematiki (Elements of Computer Mathematics) Moscow, Vysshaya shkola, 1962. 269 p. 25,000 copies printed.

Ed. B. D. Nikitin; Ed. of Publishing House: A. I. Seliverstova; Tech. Ed.: R. K. Voronina.

PURPOSE: This book is intended as a textbook for technicians of electronic-instrument design.

COVERAGE: This book covers: (a) the design elements, principles of operation, and descriptions of various types of small Russian semiautomatic and automatic computers, (b) the evaluation of determinants and solution of systems of algebraic equations, both by traditional methods and by use of small computing machines,

Card 1/6

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(c) the elements of programing, (d) the working principles of electronic computers, and (e) examples of programs for electronic computers. No personalities are mentioned. There are no references.

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ISAKOV, Vasiliy Ivanovich; ROZHNOV, Vladimir Sergeyevich; MIKHEL'SON, V.S., red.; SELIVERSTOVA, A.I., red.

[Principles of mechanization and the programming of computer operations] Osnovy mekhanizatsii i programmirovanie vychislitel'nykh rabot. Moskva, Vysshaia shkola, 1964. 310 p. (MIRA 17:12)

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