SHELKOV, N.I., inzh.

"Rotary vacuum pumps and compressors with liquid piston," by V.I.Teteriukov. Reviewed by N.I.Shelkov. Khim. mash. no.6:47 N-D '61. (MIRA 15:2)

(Vacuum pumps)
(Compressors)
(Teteriukov, V.I.)

TUKHVATULLIN, Gabdulla Akhmetovich; SHELKOV, N.I., red.; GARINA, T.D., tekhn. red.

[Problems in the technology of instrument manufacture]Zadachnik po tekhnologii instrumental'nogo proizvodstva. Moskva, Gos.izd-vo "Vysshaia shkola," 1962. 119 p. (MIRA 15:9)

(Instrument manufacture)

TAMBOVTSEV, Sergey Pavlovich, kand. tekhn.nauk; SHELKOV, N.I., inzh., ved. red.; APIRIN, B.S., inzh., red.; SMIRNOV, B.M., tekhn.red.

[Effect of the microstructure of metals on their machinability] Vliianie mikrostruktury metallov na ikh obrabatyvaemost'. Moskva, Filial Vses. in-ta nauchn. i tekhn.informatsii, 1958. 22 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 10. No.M-58-146/27) (MIRA 16:3)
(Metallography) (Metal cutting)

VESELOVSKIY, Sergey Ivanovich, inzh.; SHELKOV, N.I., inzh., ved. red.; RUKAVISHNIKOV, V.I., inzh., red.; SMIRNOV, B.M., tekhn. red.

[Manufacturing low-module gear tail cutters] Izgotovlenie melkomodul'nykh khvostovykh dolbiakov. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1957. 45 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 11. No.M-57-15/1) (MIRA 16:3)

(Metal-cutting tools)

PETROV, Aleksandr Konstantinovich; SURIN, Sergey Filippovich; SHELKOV, N.I., inzh., ved. red.; IVANOV, P.F., inzh., red.; SOROKINA, T.M., tekhn. red.

[Highly efficient method for jig boring deep blind holes in cylinders with subsequent reaming] Vysokoproizvoditel'nyi metod kombinirovannogo rastachivaniia glukhikh glubokikh otverstii tsilindrov s posleduiushchim razvertyvaniem. Moskva, Filial Vses.in-ta nauchn. i tekhn.informatsii, 1958. 16 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 10, No.M-58-153/28) (Drilling and boring) (MIRA 16:2)

POPOV, R.I.; FESENKO, N.I.; SIPOVICH, S.Yu.; SHELKOV, S.K.

Continuous fusion of sulfur. Koks. i khim. no. 3:46-48 '61.
(MIRA 14:4)

1. Dnepropetrovskiy koksokhimicheskiy zavod.
(Dnepropetrovsk—Coke industry—By-products)

SHELKOV, V. (Voronezh)

Exhibition in Voronezh. Pozh.delo 3 no.9:8 S '57. (MLRA 10:9)
(Voronezh--Fire prevention--Exhibitions)

NEPOMNYASHCHIY, Kh.M.; RYNDENKOV, Yu.A.; SHELKOV, V.G.; GOLODYACHIN, G.K.; OGURCHIKOV, L.G.

Stamping end profiles with one transition in two matrices; suggested by Kh.M. Nepomniashchii and others. Prom. energ. 12 no.12:18 D '57. (MIRA 10:12)
(Sheet-metal work)

ACC NR: AP7001401 (N) SOURCE CODE: UR/0413/66/000/021/0077/0077

INVENTORS: Alekseyenko, A. V.; Berlin, V. M.; Krasov, P. A.; Litvinov, G. I.; Shelkov, V. V.; Oparin, V. I.; Remesnikov, A. I.; Stepanov, S. N.

ORG: none

TITLE: An assembly for welding internal joints of boiler shells. Class 21, No. 187906 [announced by All-Union Scientific Research and Design Engineering Institute of Chemical and Petroleum Apparatus Construction (Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut tekhnologii khimicheskogo i neftyanogo apparatostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 77

TOPIC TAGS: welding, welding equipment, welding technology, seam welding

ABSTRACT: This Author Certificate presents an assembly for welding internal joints of boiler shells. The assembly consists of a column with a frame mounted upon it. The frame carries an arm with a welding head placed on supporting rollers. To maintain a constant position of the electrode in respect to the seam surface, the welding head and arm are connected to one another by a hinge and a spring (see Fig. 1). The latter assures a constant contact between the rollers and the boiler shell. The welding head is hinged to the bearing rollers which are rigidly connected to one another.

UDC: 621.791.037-477

Card 1/2

ACC NR: AP7001401

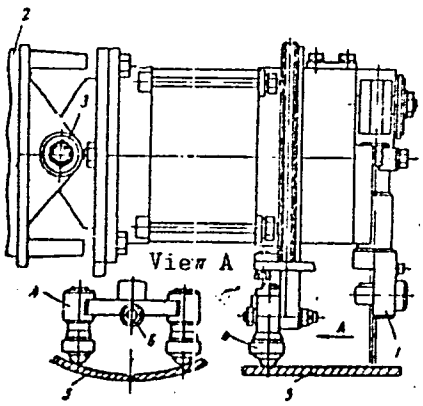

Fig. 1. 1 - welding head; 2 - arm; 3 - arm hinge; 4 - bearing rollers; 5 - boiler shell; 6 - hinge

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 110ct65

Card 2/2

ZAV'YALOV, P. V., kand. med. nauk; SHELKOV, Ye. I.

Goiter of the root of the tongue. Vest. otorin. no.3:76-78 '61.
(MIRA 14:12)

1. Iz Otorinolaringologicheskogo stomatologicheskogo otdeleniya (zav. Ye. I. Shelkov) Barnaul'skoy gorodskoy bol'nitsy.

(TONGUE—DISEASES) (GOITER)

SHELKOV, Ye.I.; KAMNEV, V.M.

Problem of the pterygopalatine ganglion syndrome. Vest. oto-rin. 25 no.2:14-17 Mr-Ap '63. (MIRA 17:1)

1. Iz otorinolaringologicheskogo otdeleniya (zav. Ye.I. Shelkov) Barnaul'skoy gorodskoy bol'nitsy.

SHELKOVA-DORF, O.P., kand.tekhn.nauk; SHKLOVER, D.A., kand.tekhn.nauk; YAKOVLEVA, I.F.

Measuring natural ultraviolet radiation. Svetotekhnika 4 no.11:20-23 N '58. (MIRA 11:11)

1. Vsesoyuznyy svetotekhnicheskiy institut (for Shelkova-Dorf, Shklover).
2. Yevpatoriyskaya bioklimaticheskaya stantsiya (for Yakovleva)

(Ultraviolet rays--Measurement)

Experience with measuring ...

shaded against direct sunlight, thereby recording the extent of the dispersed component of ultra-violet radiation. The apparatus was calibrated by the formula:

$$E_{\lambda_2-\lambda_1} = \int_{\lambda_1}^{\lambda_2} E_\lambda d\lambda = \frac{\int_0^\infty E_\lambda \varphi_\lambda \partial\lambda}{\varphi_{mean}} = \frac{I}{\varphi_{mean}} \quad (2)$$

where E_λ - spectral irradiation (in relative units) being measured, φ_λ - absolute spectral sensitivity of the instrument in $\mu a/\mu v/cm^2$, I - photocurrent of the instrument in μa. From July through October 1957 the apparatus was used for measurements in Yevpatoriya. The measurements provided data on total natural radiation in the spectral range close to B, together with its direct and dispersed components at different times of the day and their changes throughout the months. The results of the measurements are presented graphically. The apparatus' readings were compared with similar readings from a Boyko monochro-

Card 3/4

32143
S/675/60/000/004/002/005
D236/D304

Experience with measuring ...

matic light meter. A considerable divergence in the readings was noted, but further study is needed to determine the reason for this divergence. The Institute of Lighting Engineering and the Institut biologicheskoy fiziki AN SSSR (Institute of Biophysics, AS USSR) are using the above-mentioned model as a basis for developing improved recording devices. These use photoelectric multipliers as radiation receivers and register the photocurrent on a 6-point recording electronic potentiometer, thus providing measurement data in various narrow sections of the ultra-violet spectrum for both the total and dispersed components of natural ultra-violet radiation. There are 5 figures

4

Card 1/1

SHELKOVA-DORF, O.P., kand.tekhn.nauk; ANDREYTSEV, A.P., inzh.

Additional device for an SF-4 spectrophotometer for measuring the spectral characteristics of phototubes. Svetotekhnika 6 no.2: 26-28 F '60. (MIRA 13:5)

1. Institut biologicheskoy fiziki AN SSSR.
(Photoelectric cells) (Photoelectric measurements)

S/196/62/000/007/006/007
E032/E514

AUTHORS: Andreytsev, A.P. and Shelkova, O.P.

TITLE: A stationary recording apparatus for systematic measurements of natural ultraviolet radiation (Thesis)

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.7, 1962, 5, abstract 7V23. (Sb."Aktinometriya i atmosfern. optika". L., Gidrometeoizdat, 1961,291-292)

TEXT: The photoelectric apparatus for the measurement of illumination produced on the horizontal plane by natural radiation (total and scattered components) in narrow sections of the UV spectrum consists of six photomultipliers with a set of correcting light filters and the electronic potentiometer ЭПП-09 (EPP-09). The apparatus may be used to obtain reliable data on the diurnal and annual variation in the natural UV radiation.

ASSOCIATION: In-t biofiziki AN SSSR, Moskva
(Biophysics Institute AS USSR, Moscow)

[Abstracter's note: Complete translation.]

Card 1/1

S/196/62/000/002/012/023
E194/E155

AUTHORS: Bukhartsev, I.G., Sokolov, M.V., and Shelkova, O.P.

TITLE: Industrial instruments for measuring ultraviolet radiation

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.2, 1962, 15, abstract 2V 112. (Svetotekhnika no.7, 1961, 18-23).

TEXT: The article describes the construction and the optical and electrical circuits of new instruments, types УФМ-11 (UFM-11), УФМ-13 (UFM-13) and УФД-4 (UFD-4), for measuring the intensity of ultraviolet radiation developed by bactericidal, lighting and mercury quartz lamps in two spectral regions: B (280-320 millimicrons) and C (200-280 millimicrons). Ultraviolet meter type UFM-11 consists of a vacuum photocell with magnesium cathode the spectral sensitivity of which (with a wavelength boundary of 320-360 millimicrons) was such that it could be used without a light filter, and a d.c. amplifier. The instrument is supplied from dry batteries. Instrument type UFM-13 differs from UFS-11 in construction and in having an electrical circuit which contains

Card 1/2

Industrial instruments for measuring

S/196/62/000/002/012/023
E194/E155

a transistorized voltage convertor. The sensitivity of the ultraviolet meters can be varied by a factor of 10 000; the non-linearity of the readings is up to 15%. The minimum current that can be recorded is 10^{-11} A, corresponding to a radiation of 1 mW/m^2 for λ = 253.7 mμ [Abstractor's note; mm in Russian text is incorrect]. Ultraviolet dose meter type UFD-4 is intended for measuring the amount of ultraviolet radiation. The radiation recorder is an impulse counter type СБ-50 (SB-50) and audible indication is provided. The minimum current that can be recorded is 5 - 8 x 10^{-11} A

ASSOCIATION: SKTB poluprovodnikovykh i ul trazvukovykh priborov lensovnarkhoza i In-t biofiziki AN SSSR
(SKTB of Semiconductor and Ultrasonic Devices of Lensovnarkhoz and Institute of Biophysics AS USSR)

[Abstractor's note: Complete translation]

Card 2/2

SHELKOVA, O.P., kand.tekhn.nauk

Simplified method for calculating monochromators with a flat diffractional grid. Svetotekhnika 7 no.5:14-19 My '61. (MIRA 14:6)

1. Institut biologicheskoy fiziki AN SSSR.
(Monochromators)

SHELKOVA, O. P., kand. tekhn. nauk; ZIMINA, G. M., inzh.;
PERRASE, N. I., inzh.; RYMOV, A. I., inzh.

Features of using PRK-2 and EUV-15 lamps as standards. Svetotekhnika 9 no.3:11-16 Mr '63. (MIRA 16:4)

1. Institut biologicheskoy fiziki AN SSSR i Vsesoyuznyy svetotekhnicheskiy institut.

(Ultraviolet rays) (Electric lamps)

3

PHASE I BOOK EXPLOITATION SOV/4769

Ostroushko, Yu. I., P. I. [illegible], [illegible], [illegible], G. A. Kovda, S. A. Shelkova, R. N. Alekseyeva, and M. A. Makovetskaya

Litiy, yego khimiya i tekhnologiya (Lithium, its Chemistry, and Technology) Moscow, Atomizdat, 1960. 198 p. Errata slip inserted. 5,000 copies printed.

Ed.: Ye. I. Panasenkova; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This book is intended for scientific workers, metallurgical engineers, and chemists working in the chemistry and technology of rare and sparsely distributed elements. Engineers and mechanics in charge of lithium production, and students in schools of higher education and in tekhnikums may find the book useful.

COVERAGE: The book deals with the geochemistry and mineralogy of lithium, the chemistry of lithium and its compounds, analytical chemistry of lithium, dressing of lithium ores, methods of processing lithium ores, and the metal-

Card 1/7

largy of lithium. It is based on Soviet and other technical literature published from 1918 through 1958. No personalities are mentioned. References accompany each chapter.

TABLE OF CONTENTS:

Card 2/7

SOLOV'YEVA, L.N.; MUNIN, P.P.; NECHAYEV, A.G.; SHELKOVA, Ye. I.

We have set our course toward communism. Neftianik 8 no.1:8-9 Ja '63.
(MIRA 16:3)

1. Sotrudniki TSentral'noy normativno-issledovatel'skoy stantsii Glavnogo upravleniya po transportu i snabzheniyu nef'yu i nefteproduktami RSFSR.
(Petroleum--Storage)

DERKVYANKO, N.[illegible], inzh., NOVIKOV, L.[illegible], inzh.; SHELKOVICH, G.L., tekhnik

Use of a [illegible] during the concreting of pilings. [illegible] no.3:50-51 Mr '64. (MIRA 17:6)

SHELKOVIN, V.

Important problem of the national economy. Vop. ekon. no.7:68-79 Jl '59. (MIRA 12:11)
(Lumbering)

SHELKOVNIN, V.N.

Forests of the Soviet Union and their economic utilization.
Geog.v shkole 18 no.4:9-17 Jl-Ag '55. (MLRA 8:10)
(Forests and forestry)

BUTKIN, N.G., starshiy nauchnyy sotrudnik; SHELKOVKINA, A.V.; NAZAROVA, I.B.

Larusan therapy of pulmonary tuberculosis; preliminary communication. Probl.tub. 34 no.2:36-39 Mr-Ap '56. (MLRA 9:8)

1. Iz Sverdlovskogo oblastnogo instituta tuberkuleza (dir. - prof. I.A.Shaklein, zam. dir. po nauchnoy chasti - kandidat meditsinskikh nauk N.G.Butkin)
(TUBERCULOSIS, PULMONARY, therapy,
larusan (Rus))

USSR/Pharmacology. Toxicology. Chemotherapeutical Preparations

Abs Jour : Ref Zhur-Biol., No 2, 1958, 8770

Author : Shelkovkina A. K.
Inst : Not given
Title : Concerning the Problem of Modification of the Morphological Composition of Peripheral Blood in the Therapy of Patients with Pulmonary Tuberculosis (K voprosu ob izmenenii morfologicheskovo sostava periphericheskoi krovi pri lechenii ftivazidov bol'nykh tuberkulezom legkikh).

Orig Pub : V sb.: Klinika i terapiya tuberkuleza i organizatsiya bor'by s nim, Sverdlovsk, 1957, 120-127

Abstract : Of 85 patients, 10 showed a normal blood picture before treatment with phthivazid; 18 patients showed a normal blood picture after

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[illegible] found in 53 patients, [illegible] change in 19 patients, and deterioration in 13 patients. There was a left shift in 64 patients before treatment, and in 48 after the treatment. Normal ROE was observed in 40 patients before treatment, and in 73, an increase in the number of eosinophils to 5-10% was noted. The lymphocyte count before treatment was normal in 57 patients, and after treatment in 62 patients.

Card 2/2

BUTKIN, N.G.; SHELKOVKINA, A.V.

Course of pulmonary tuberculosis in workers employed in dusty areas in the asbestos industry. Probl. tub. 41 no.6:48-51 '63. (MIRA 17:9)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. I.A.Shaklein).

SHCHERBAKOV, G.; SHELKOVNIKOV, A.

Key workers were the soul of the survey. Okhr.truda i sots. strakh. no.1:25-28 Ja '59. (MIRA 12:2)

1. Predsedatel' oblsovprofa, g.Bryansk (for Shcherbakov).
2. Glavnyy tekhnicheskiy inspektor oblsovprofa, g.Bryansk (for Shelkovnikov).
(Bryansk Province--Industrial hygiene)

SHEIKOVNIKOV, A.D.

Differentiated gabbroid intrusion of the upper Kazyr Valley in the Eastern Sayan Mountains [with summary in English]. Sov. geol. 1 no.3:85-94 Mr '58. (MIRA 11:5)

1. Krasnoyarskoye geologicheskoye upravleniye.
(Kazyr Valley--Gabbro)

3 (5)
AUTHORS: Anatol'yeva, A. I. Shelkovnikov, A. D. SOV/20-127-3-42/71

TITLE: On the Middle Cambrian Red Deposits of the South-west Slope of East Sayan

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 3, pp 624-626 (USSR)

ABSTRACT: During the summer of 1958 the first-mentioned author found that the red rocks of the region between the rivers Tuba and Syda belong to the Cambrian and not to the Devonian as had so far been assumed (Refs 1, 2, etc); the second-mentioned author made the same discovery in the drainage area of the river Kizir on the outskirts of Artemovsk (Fig 1). This was confirmed by the Middle-Cambrian trilobites found in concordantly stratified rocks. In the above region these red rocks are deposited on carbonate-slaty and effusive-sedimentary Cambrian rocks. In some parts of the region the rocks lying underneath combine to form the Telekskaya suite (= Moiseyevskaya suite according to O. K. Poletayeva), in other parts to form the Knyshinskaya suite. The age of the red rocks and the entire suite Teplogo Klyucha is classified according to the afore-mentioned trilobite fauna. The valleys in the region between the rivers Tuba and Syda are not filled with red rocks; but they are concordantly stratified with the ones lying underneath and

Card 1/2

On the Middle-Cambrian Red Deposits of the South-west Slope of East Sayan SOV/20-127-3-42/71

with calcareous-slaty rocks lying on top. The latter are undoubtedly Cambrian and not Devonian, as has so far been maintained. Investigation showed that the red rocks have equal stratigraphic position throughout the above region: they belong to the Lower Middle Cambrian. On account of the distinctly marked change in facies and the instability of their lithologic composition it may be assumed that they were accumulated in all probability under lagoon conditions characterized by unstable sedimentation. There are 1 figure and 3 Soviet references.

ASSOCIATION: Institut geologii i geofiziki Sibirskogo otdeleniya Akademii nauk SSSR (Institute of Geology and Geophysics of the Siberian Department of the Academy of Sciences, USSR)

PRESENTED: March 6, 1959, by A. A. Trofimuk, Academician

SUBMITTED: February 27, 1959

Card 2/2

SHELKOVNIKOV, A.D.

Comagmatic properties of some intrusive and effusive complexes in the northwestern part of the Eastern Sayan Mountains. Mat. po geol. i pol. iskop.Kras.kraia no.3:65-96 '62. (MIRA 17:2)

KRYUKOV, A.V.; SHELKOVNIKOV, A.D.; VOLOBUYEV, M.I.

Recent determinations of the absolute age of rocks from separate regions in the Krasnoyarsk Territory. Mat. po geol. i pol.iskop. Kras.kraia no.3:257-260 '62. (MIRA 17:2)

SHELKOVNIKOV, A.D.

Intrusive complexes of the northwestern part of the Eastern Sayan Mountains and their metallogenic role. Trudy SNIIGGIMS no.24: 161-169 '62. (MIRA 16:10)

SHELKOVNIKOV, A.V., inzhener.

New type mobile construction hoist. Mekh.stroi. 4 no.2: 23 F '47. (MLRA 9:2)

1.NII-2 Minstroydormash.
(Hoisting machinery)

L [illegible] EWT(d)/EWP(1) EJP(c) BB/GG

ACC NR: AR6032064 SOURCE CODE: UR/0271/66/000/007/B021/B021

AUTHOR: Sergeyev, S. N.; Shelkovnikov, B. N.

52
B

TITLE: Registers with phase-pulse multistable elements

16

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 7B157

REF SOURCE: Sb. Poluprovodnik. elementy v vychisl. tekhn. M., 1965, 42-50

TOPIC TAGS: phase recording, phase diagram, pulse generator, multistable element, register, shift register

ABSTRACT: A phase-pulse multistable element as a recorder with a dynamic programming system for information recording has been studied. A phase pulse is the dynamic indicator in this register. Information is recorded into the phase-pulse element with a forced single-cycle starting pulse of a blocking generator at an appropriate moment of time. The description includes block diagrams of registers without a shift, 3 registers with delay lines between discharges, and shift registers with the phase-pulse elements. Orig. art. has: 9 figures and a bibliography of 3 reference items. [Translation of abstract]

SUB CODE: 09/

Card 1/1 UDC: 681.142.642.7

SHELKOVNIKOV, D., inzhener-podpolkovnik

Being able to see in the dark. Voen.vest. 39 no.12:74-77 D '59. (MIRA 13:6)

(Night vision)

SHELKOVNIKOV, F.A.

USSR/Mathematics - Integrals, Definite

May/Jun 51

"Generalized Formula of Cauchy," F. A. Shelkovnikov

"Uspekh Matemat Nauk" Vol VI, No 3 (43), pp 157-159

Derives the following integral formula which represents a generalization of the familiar classical formula of integral calculus and also of Cauchy's formula

$$\int_a^t f(t_1)dt_1 \int_a^{t_1} f(t_2)dt_2 \cdots \int_a^{t_{n-1}} f(t_n)dt \int_a^{t_n} F(T)dT =$$

$$(1/n!)\int_a^t F(T)\cdot\left(\int_T^t f(x)dx\right)^n dT.$$

SHELKOVNIKOV, Feodosiy Alekseyevich; TAKAYSHVILI, Konstantin Georgiyevich; KUZ'ETSOV, P.I., prof., doktor fiz.-mat.nauk, red.; TAL'SKIY, D.A., red.; VORONINA, R.K., tekhn. red.

[Collection of exercises in operational calculus] Sbornik upragnenii po operatsionnomu ischisleniiu. Pod red. P.I. Kuznetsova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 150 p. (MIRA 15:2)

(Calculus, Operational)

L 58435-65 EWT(d) Pg-4 LJP(c)
ACCESSION NR: AR5013627

UR/0044/65/000/004/B061/B061
517.948.34

15
B

SOURCE: Ref. zh. Matematika, Abs. 4B301

AUTHORS: Shelkovnikov, F. A.; Takayshvili

16

TITLE: Contribution to the solution of integro-differential equations by an operational method

CITED SOURCE: Dokl. 3-y Sibirsk. konferentsii po matem. i mekhan., 1864. Tomsk, Tomskiy un-t, 1964, 173-174

TOPIC TAGS: integro differential equation, operational method, Laplace transform

TRANSLATION: The possibility is discussed of employing an operational method for the solution of integro-differential equations of the type

$$M[y(x)] + \lambda \int_0^x K(x-t)\, N[y(t)]\, dt = f(x) \qquad (1)$$

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L 58435-65
ACCESSION NR: AR5013627

where M and N are linear differential operators with constant coefficients of orders m and n, while f(x) is a continuous function which possesses a Laplace transform. The difficulty in this case lies in the fact that the Laplace transform of the solution y(t) can vanish in the operational equation corresponding to (1) when m < n. This difficulty is circumvented by introducing a parameter in (1). The method is illustrated by means of an example. No proofs are presented. Kh. Kogan.

SUB CODE: MA ENCL: 00

Card 2/2

DRUZHININ, Nikolay Sergeyevich; TSYLBOV, Petr Petrovich; SHCHUKIN, S.M., dotsent, retsenzent; SHIKIN, S.V., kand.pedagog.nauk, retsenzent; SHELKOVNIKOV, G.I., inzh., red.; YEGORKINA, L.I., red.izd-va; SMIRNOVA, G.V., tekhn.red.

[Course in engineering drawing] Kurs cherchenila. Izd.2., perer. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Pt.3. [Mechanical drawing] Mashinostroitel'noe cherchenie. 1960. 267 p. (MIRA 13:12)

(Mechanical drawing)

DRUZHININ, N.S.; TSYLBOV, P.P.; SHCHUKIN, S.M., dotsent, retsenzent; SHIKIN, S.V., kandidat pedagogicheskikh nauk, retsenzent; SHELKOVNIKOV, G.I., inzhener, redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Course in drawing] Kurs cherchenila. Moskva, Gos. nauchno-techn. izd-vo mashinostroit. lit-ry. Pt.2.[Projection drawing (perpendicular, axonometric projection and technical drawing)] proektsionnoe cherchenie (priamougol'nye, aksonometricheskie proektsii i tekhnicheskoe risovanie). 1954. 323 p. (MLRA 8:7)
(Mechanical drawing)

L 7977-66 EWT(1) GW

ACC NR: AP5026536 SOURCE CODE: UR/0286/65/000/019/0079/0080

AUTHORS: Veselov, K. Ye.; Gaynanov, A. G.; Luginets, A. P.; Smirnov, L. P.; Shelkovnikov, G. I. 44,55 44,55 44,55 44,55 44,55

ORG: none

TITLE: Gravimeter for measuring the force of gravity in motion. Class 42, No. 175257 [announced by All-Union Scientific Research Institute of Geophysical Reconnaissance Methods (Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki) 44,55

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 79-80

TOPIC TAGS: gravimeter 12,44,55, gravimetry 12,44,55, gravitation

ABSTRACT: This Author Certificate presents a gravimeter for measuring the force of gravity while in motion. The gravimeter is provided with an automatic compensating system (see Fig. 1). It includes an elastic sensitive system, photoelectric converter of angular displacements, filter, amplifier, electric motor, reducer, and measuring potentiometer. To increase the accuracy of continuous measurements of the gravity force, the quartz sensitive system of the gravimeter

Card 1/2 UDC: 550.831

L 7977-66
ACC NR: AP5026536

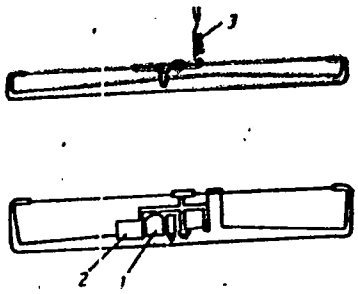


Fig. 1. 1- pendulum; 2- damping plate; 3- spiral compensating spring

is provided with a damping plate rigidly connected to a pendulum. The plate is located in the opening between the auxiliary immovable plates and a spiral compensating spring. The auxiliary plates and the spring are submerged in a viscous liquid. Orig. art. has: 1 figure.

SUB CODE: IE/ SUBM DATE: 18Sep63

Card 2/2

SHELKOVNIKOV, I.G.

Calculation of the transmission of the force of impact. Zap. LGI 47 no.1:100-110 '62. (MIRA 16:5)
(Boring)

SHIRKOVNIKOV, I.G.

Studying the process of impact energy transmission through core barrels using resistance tensiometers. Izv.vys.ucheb.zav.; geol. i razv. 6 no.10:121-127 O '63. (MIRA 18:4)

1. Leningradskiy gornyy institut im. G.V.Plekhanova.

SHELKOVNIKOV, I.G., inzh.

Strining of threaded joints during rotary-percussive drilling. Izv.vys.ucheb.zav.; gor.zhur. 7 no.2:107-113 '64. (MIRA 17:3)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni gornyy institut imeni G.V.Plekhanova. Rekomendovana kafedroy tekhniki razvedki.

SHELKOVNIKOV, I.G., aspirant

Increasing the efficiency of machinery used in percussive-rotary drilling. Izv. vys. ucheb. zav.; geol. i razv. 7 no.11:114-123 N '64. (MIRA 18:5)

1. Leningradskiy gornyy institut im. G.V. Plekhanova.

SHELKOVNIKOV, M.S.

Effect of lowland winds on the mountain-valley circulation. Trudy GGO no.135:81-99 '62. (MIRA 15:3)

(Baksan Valley--Winds)

SHELKOVNIKOV, M.S.

Temperature conditions in the mountains and on the plain of the Northern Caucasus. Trudy GGO no.135:100-116 '62. (MIRA 15:8)
(Caucasus, Northern—Atmospheric temperature)

BALABUYEV, A.G.; SHELKOVNIKOV, M.S.

Circulation regime characteristics in Transcaucasia. Trudy Inst. geofiz. AN Gruz. SSR 19:231-257 '60. (MIRA 14:9)
(Georgia--Meteorology)

L 5023-66 EWT(1)/FCC GW

ACC NR: AT5024883 SOURCE CODE: UR/2531/65/000/171/0038/0050

AUTHORS: Shelkovnikov, M. S.; Trusikov, N. I.

ORG: State Scientific Research Institute, GVF (Gosudarstvennyy nauchno-issledovatel'skiy institut, GVF)

TITLE: Flight conditions of the MI 4 helicopter along passenger routes of Crimea

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 171, 1965. Rezul'taty issledovaniya atmosfernoy turbulentnosti na vertoletnykh trassakh (Results of the investigation of atmospheric turbulence on helicopter routes), 38-50

TOPIC TAGS: aeronautics, flight characteristics, helicopter, research plane, meteorology, weather, turbulence, turbulence effect/ LI 2 cab aircraft, ЗР 15 overload device, KV 11 altitude corrector, DUS 15 velocity indicator, MU 62 angle indicator

ABSTRACT: A study of helocopter flights in the lower layers of the atmosphere was made for the purpose of evaluating wind conditions, turbulence zones, and

Card 1/2

L 5023-66
ACC NR: AT5024883

6

their effects upon helicopter flights. Tests were conducted along the passenger routes in Crimea in May 1962 by the State Scientific Research Institute, GVF, the Central Aerologic and Main Geophysical Observatories, the Central Institute of Forecasts, and the Department of Atmospheric Physics at the Moscow State University. The area studied is the Simferopol' - Yalta air route. A brief review of the principal geophysical and geographic characteristics of the Crimean peninsula is presented. The expedition featured observations on a programmed basis using radio-sounding, weather balloons, and flight information from an LI-2 airplane and an MI-4 helicopter. Flights were made on the windward and leeward sides of the mountain ridges and over the sea at selected altitudes. Each aircraft was equipped with an electrometeorograph, overload and pulsation complexes, a barograph, MP-15 overload devices, KV-11 altitude corrector, central gyrovertical, angular velocity indicator DUS-15, and an MU-62 skew angle indicator. Data are presented showing the results of soundings made for a typical data run, the variation of wind velocity with height, variation of wind direction, and distribution of turbulence zones within the study area. Comparisons between observations by fixed wing aircraft and the helicopter are made, and data on the occurrence of down drafts are given. The effects of the mountain waves on flight are discussed. Orig. art. has: 6 figures and 4 tables.

SUB CODE: 13, AC/ SUBM DATE: none/ ORIG REF: 015/ OTH REF: 016

Card 2/2 OC

LITVIN, P.L.; SOSNOV, K.A.; SHELKOVNIKOV, N.I.; GARTSMAN, P.Ye.

"Purification of waste water from enterprises of ferrous metallurgy" by A.F. Shabalina. Reviewed by P.L. Litvin and others. Stal' 21 no.12:1145 D '61. (MIRA 14:12)

1. Leningradskiy Gosudarstvennyy soyuznyy institut po proyektirovaniyu metallurgicheskikh zavodov.
(Metallurgical plants--Water supply)
(Water--Purification)
(Shabalina, A.F.)

GOL'DGOF, Boris Grigor'yevich; LEYBZON, Yakov Izrailevich; SOSKIN, Emil' Arturovich; MILLER, G.R., kand. tekhn. nauk, retsenzent; SHELKOVNIKOV, N.I., inzh., retsenzent; AVINOVITSKIY, I.Ya., red.

[Automatic and remote control of the power supply networks of industrial enterprises] Avtomatizatsiia i telemekhanizatsiia energosnabzheniia promyshlennykh predpriiatii. Moskva, Izd-vo "Energiia," 1964. 279 p. (MIRA 17:5)

SHELKOVNIKOV, S., inzh.

"Organization and mechanization of grain elevator construction operations" by P.V.Kalmykov. Reviewed by S.Shelkovnikov. Muk.-elev.prom. 28 no.3:30-31 Mr '62. (MIRA 15:4)
(Grain elevators) (Kalmykov, P.V.)

SHELKOVNIKOV, S.G., inzhener.

Mechanical raising of movable concrete formwork. Stroi.prom. 32 no.6: 17-21 Je '54. (MLRA 7:6)

1. Promzernoproyekt.
(Concrete construction--Formwork)

SHELKOVNIKOV, Stepan Grigor'yevich, inzhener; KUROCHKIN, A.M., inzhener, nauchnyy redaktor; POPOV, V.I., redaktor izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor

[Sliding forms] Podvizhnaia opalubka. Izd. 3-e, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 242 p. (Concrete construction--Formwork) (MLRA 9:10)

SHELKOVNIKOV, S.G., inzh.

Mobile wooden and metal casings for concreting silos.
Prom.stroi. 38 no.6:43-46 '60. (MIRA 13:7)
(Silos) (Concrete construction)

SHELKOVNIKOV, S.G., inzh.

Mobile forms for concreting coal towers. Mont. i spets. rab. v stroi. 23 no.3:13-16 Mr '61. (MIRA 14:2)
(Coke industry--Equipment and supplies)
(Concrete construction--Formwork)

KEYMAKH, L.I., inzh.; VOLYNTSEV, V.A.; LARIONOV, V.A., retsenzent; SHELKOVNIKOV, S.G., retsenzent; KRYLOV, B.A., kand. tekhn. nauk, nauchnyy red.; SHIROKOVA, G.M., red.izd-va; BOROVNEV, N.K., tekhn. red.

[Construction of high reinforced concrete structures]Stroitel'stvo vysotnykh zhelezobetonnykh sooruzhenii. Moskva, Gosstroizdat, 1962. 278 p. (MIRA 15:12)
(Reinforced concrete construction)

SHELKOVNIKOV, S.G., inzh.

Some causes of the breakdown of structures erected with movable forms. Prom. stroi. 40 no.7:31-35 Jl '63. (MIRA 16:10)

SHELKOVNIKOV, S.S.

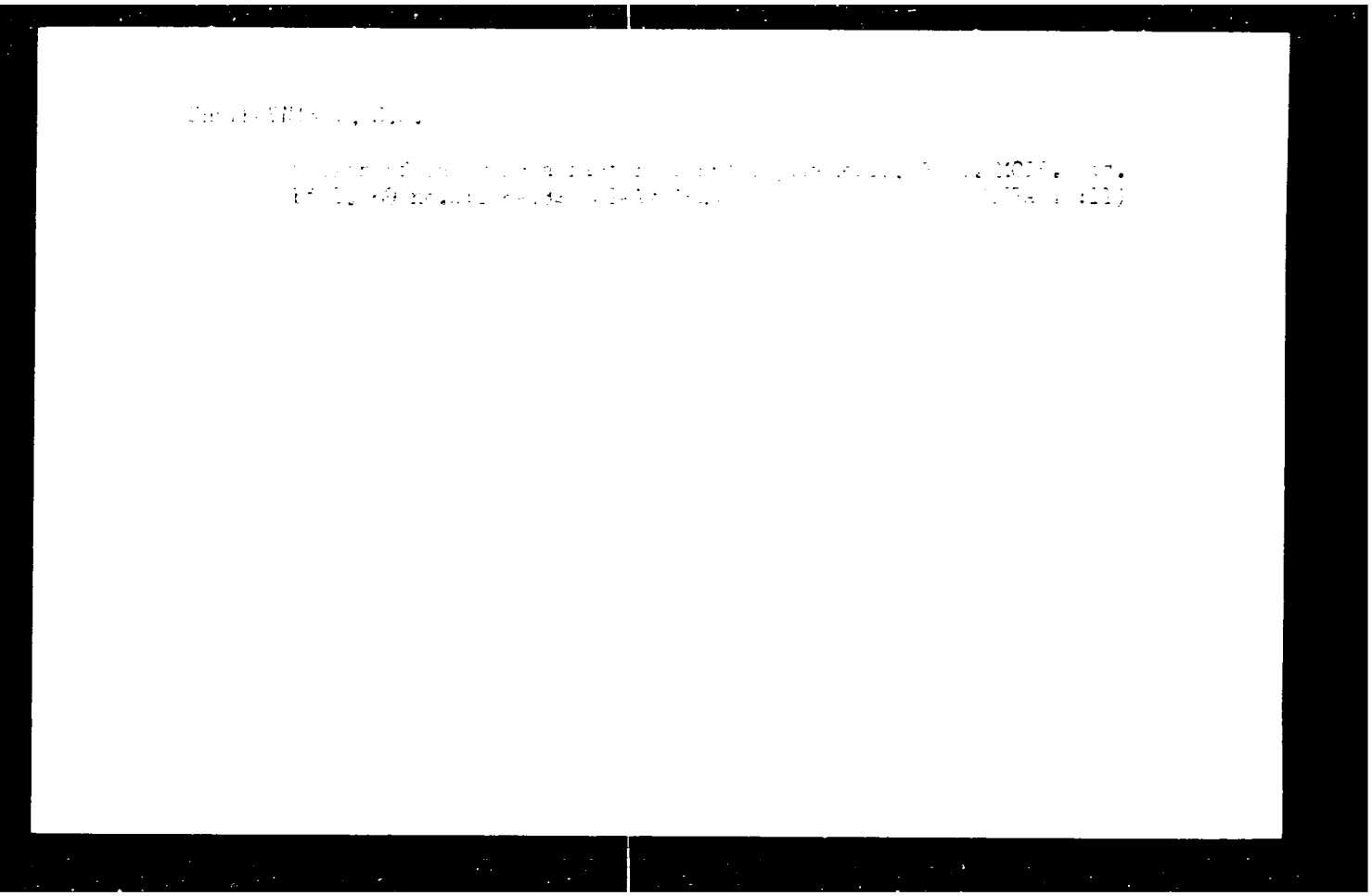
SHELKOVNIKOV, S.S.

The problem of Malthusianism in biology. Biul. MOIP. Otd. biol. 59 no.3:89-108 My-Je '54. (MLRA 7:7)
(Malthusianism) (Biology)

SHELKOVNIKOV, S.S.

Theoretical principles of the check-row method of sowing and planting row crops. Biul.MOIP.Otd.biol. 59 no.6:87-96 N-D'54. (MLRA 8:2)

(Sowing)



TYMINSKAYA, S. Yu.; LIKHTER, A.D.; Prinimali uchastiye: ETKIN, Ye.I., starshiy inzh.; SHELKOVNIKOV, Yu.V.

Automated machine for cutting slots in screen sieves. Bumagodel. mash. no.8:140-157 '60. (MIRA 14:3)

1. Nauchno-issledovatel'skiy institut po proyektirovaniyu bumagodelatel'nikh mashin (for Etkin). 2. Nachal'nik byuro instrumentov i prisposobleniy zavoda im. 2-y Pyatiletki (for Shelkovnikov).
(Papermaking machinery)

MIKHAYLOVA, O.I.; SHELKOVNIKOVA, B.A., redaktor; SAVINA, A.A., redaktor; NIKOLAY, S.B., tekhnicheskiy redaktor.

[Western European weapons in the 15th-17th century] Zapadnoevropeiskoe oruzhie XV-XVII vv. Moskva, Gos.izd-vo "Iskusstvo, 1955. 40 p. (MLRA 8:11)
(Leningrad--Arms and armor--Exhibitions)

GUSEVA, A.A., kand. tekhn. nauk dots.; TROSHINA, V., studentka; SHELKOVNIKOVA, M., studentka; MIROSHNICHENKO, A., studentka; BYKOVA, N., studentka

Comparative characteristics of the processes of welting and sewing the welt on an automatic single-process flat full-fashioned hose machine. Izv. vys. ucheb. zav.; tekh. leg. prom. no.4:124-137 '59. (MIRA 13:2)

1.Moskovskiy tekstil'nyy institut. Rekomendovana kafedroy tekhnologii trikotazha.
(Hosiery) (Knitting machines)

FERDINAND, Ya.M. (Rostov-na-Donu); Prinimali uchastiye: MARISOVA, A.P.; BRAYNINA, R.A.; MARGULIS, L.A.; MYASNENKO, A.M.; KOVALEVSKAYA, I.L.; TELESHEVSKAYA, E.A.; SOBOLEVA, S.V.; KALININA, K.I.; KOVALEVA, N.S.; IVANOVA, M.K.; ARENDER, B.A.; KUCHERENKO, R.A.; MANATSKOVA, K.S.; OLEYNIKOVA, L.T.; KIBARDINA, Yu.A.; GRIGOR'YEVA, K.S.; SEMENIKHINA, L.G.; CHERNYKH E.I.; DOROFEYEVA, V.M.; SHEVCHENKO, Ye.N.; ABRAMOVA, O.K.; SKUL'SKAYA, S.D.; PETROVA, Z.I.; MAKHLINOVSKIY, L.I.; KUZ'MINA, A.I.; AL'TMAN, R.Sh.; MARDERER, R.G.; YENGALYCHEVSKAYA, L.N.; CHIRKOVA, M.N.; TERESHCHENKO, N.I.; SHELKOVNIKOVA, M.A.; PROKOPENKO, V.V.; BEKLEMESHEVA, Ye.P.; BARANOVA, T.V.

Effectiveness of specific prophylaxis with alcohol divaccine against typhoid and paratyphoid B fever in school-age children. Zhur. mikrobiol., epid. i immun. 41 no.1:23-27 Ja '64.
(MIRA 18:2)

SHELKOVSKAYA, N.K., assistent

Changes in the thrombocyte composition of the blood following deneravtion of the cardioaortic zone. Trudy Semipal. med. inst. 2:113-117 '59. (MIRA 15:4)

1. Iz kafedry patofiziologii Semipalatinskogo gosudarstvennogo meditsinskogo instituta (zav.kafedroy - T.A.Nazarova).
(BLOOD PLATELETS) (HEART—INNERVATION) (AORTA—INNERVATION)

- SHELKOVSKIY, M.F., zootekhnik; MUZHIPOV, R.G., zootekhnik; MENDELEVICH, M.M., kand.veterin.nauk, red.; LODVIKOVA, A.S., red.; GALKINA, V.N., tekhn.red.

[What the leading poultry breeders of the Tatar A.S.S.R. have to say] Govoriat peredoviki ptitsevodstva Tatarii. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 85 p. (MIRA 14:1)
(Tatar A.S.S.R.--Poultry)

SHELKOVSKIY, N. A.

"Relating to Symmetrical Reflex Changes in the Lungs in Experimental Stenosis of a Segmental Bronchus." Cand Med Sci, Molotov State Medical Inst, Izhevsk State Medical Inst, Izhevsk, 1954. (KL, No 1, Jan 55)

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

SHELKOVSKIY, N.A., dotsent

Change in the thrombocyte composition of the blood in oxygen deficiency in animals with radiation sickness. Trudy Semipal. med. inst. 2:106-112 '59. (MIRA 15:4)

1. Kafedra patologicheskoy fiziologii Semipalatinskogo gosudarstvennogo meditsinskogo instituta (zav.kafedroy - dotsent T.A.Nazarova).
(RADIATION SICKNESS) (ANOXEMIA)
(BLOOD PLATELETS)

[redacted], V., inzhener (Alma-Ata).

Building granaries of large concrete blocks. Gor. i sel'. stroi. no.2:10-11 F '57. (MIRA 10:6)
(Kazakhstan--Granaries) (Reinforced concrete construction)

SHELKOVSKIY, V., inzhener.

Using reed panels in housing construction. Sel'.stroi. 12 no.5:6-9 My '57. (MLRA 10:7)
(Reed (Botany)) (Kazakhstan--Farmhouses)

SHELKOVSKIY, V. M.

UKRAINSKIY NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SOORUZHENIY

NOVYYE TIPY OBLEGCHENNYKH KONSTRUKTSII STEN DLYA MNOGOETAZHYKH ZDANIY. PAGE 36

SO: SBORNIK ANNOTATSIY NAUCHNO-ISSLEDOVATEL'SKIKH RABOT PO STROITEL'STVU, MOSCOW, 1951

SHELKOVSKIY, V. M., INZH.

DUBINSKIY, A. M., I, AND LIBERMAN, A. D., KANDIDATY TEKHN. NAUK, I

UKRAINSKIY NAUCHO-ISSLEDOVATEL'SKIY INSTITUT SOORUZHENIY

SKLADNYYE STROPILA DLYA ZHILYKH I GRAZHDANSKIKH ZDANIY. PAGE 39

SO: SBORNIK ANNOTATSIY NAUCHNO-ISSLEDOVA"EL'SKIKH RABOT PO STROITEL'STVU, MOSCOW, 1951

KASPIN, L.A.; SHELKOVSKIY, V.M.; GADASHEVICH, A.M.; BASHINSKIY, S.V., retsenzent; PERNYATIN, A.Z., upetsredaktor; ROKHLIN, I., redaktor; YUNOVSKIY, Ye., tekhnicheskiy redaktor.

[Time and wage rate standards for general construction work] Normy vremeni i rastsenki na obshchestroitel'nye raboty. Izd. 2-e, ispr. Kiev, Izd-vo Akademii arkhitektury USSR, 1954. 555 p. (MLRA 8:2)
(Building) (Wages)

AL'PEROVICH, Semen Zinov'yevich, kandidat tekhnicheskikh nauk; CHECHIK, Aron Abramovich, kandidat tekhnicheskikh nauk, dotsent; SHVIDENKO, Valentin Iosifovich, kandidat tekhnicheskikh nauk, dotsent; SHEYKOVSKIY, Vol'f Moiseyevich, inzhener; SHCHEPETOV, A.N., vedushchiy redaktor; PATSALYUK, P.M., tekhnicheskiy redaktor

[Erecting buildings of precast reinforced concrete] Montazh zdanii iz sbornykh zhelezobetonnykh konstruktsii. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 246 p. (MLRA 10:2)
(Precast concrete consruction)

[illegible], Mikhail Petrovich; [illegible], Leonid Mikhaylovich; [illegible],
[illegible].A., inzh., retsenzent; [illegible]CHAREVICH, I.F., kand. tekhn.
nauk, retsenzent; [illegible], A.A., inzh., retsenzent

[Mine haulage] Rudnichnyi transport. 2. izd., [illegible] i perer.
Moskva, [illegible], 19[illegible]. 37[illegible] p. (MIRA [illegible])

SHELKOVYY, G. T.

USSR/Medicine - Veterinary FD-1286

Card 1/1 : Pub 137-6/20

Author : Shelkovyy, G. T. Aspirant

Title : On the question of treatment of animals infected with hoof-and-mouth disease

Periodical : Veterinariya, 8, 29-32, Aug 1954

Abstract : Experience has shown that better results may be obtained when combinative therapy is used in the treatment of cattle infected with hoof-and-mouth disease. Local treatment alone produces no desired results. The combinative therapy recommended consists of subcutaneous injection of 200g of serum from reconvalescents the first day of treatment and 10cc of 20% solution of coffeine natr. benz. the first and second day of treatment. On the second, third, and fourth day 5g of potassium iodide should be given per os each day. On the second and the third day of treatment 10-15 l of 1% solution of bicarbonite of soda would be administered per rectum twice a day. A 1.5% solution of copper sulfate, Vishnevskiy's liniment, and combinative ointment should be used for local application. Tables.

Institution : All-Union Institute of Experimental Veterinary Science

Submitted :

SHELKOVYY, G.T.

Effect of induced sleep on the course of foot-and-mouth disease in guinea pigs. Zhur.mikrobiol.epid. i immun. 28 no.9:66-67 S '57. (MIRA 10:12)

1. Iz Stalinskoy oblastnoy veterinarno-bakteriologicheskoy laboratorii.

(FOOT AND MOUTH DISEASE, experimental,
eff. of medication sleep ther. in guinea pigs (Rus))
(SLEEP, effects,
on exper. foot & mouth dis. in guinea pigs, medication sleep ther. (Rus))

SHEIKOVYY, K.I., inzh.; MARKOV, L.V., inzh.; SHEVCHENKO, A.F., inzh.

Using plastics in technological equipment. Mashinostroenie no.5:13-15 S-O '64 (MIRA 18:2)

ACC NR: AP7007807 (N) SOURCE CODE: UR/0080/67/040/001/0204/0206

AUTHOR: Klimenko, I. B.; Podlesskaya, N. K.; Shelkunov, N. G.

ORG: Leningrad Institute of Textile and Light Industry imeni S. M. Kirov (Leningradskiy institut tekstil'noy i legkoy promyshlennosti)

TITLE: Infrared spectra of polyvinyl alcohol modified with dimethyldichlorosilane

SOURCE: Zhurnal prikladnoy khimii, v. 40, no. 1, 1967, 204-206

TOPIC TAGS: polyvinyl alcohol, IR spectrum, silane

ABSTRACT: An attempt was made to elucidate the mechanism of interaction of polyvinyl alcohol (PVA) with organosilicon compounds by IR spectroscopy on PVA films 14-16 μ thick treated with dimethyldichlorosilane. The spectra were recorded with an N-800 spectrophotometer in the 750-4000 cm^{-1} range. The absorption bands obtained are shown to be due to the presence of silicon in the films: the 803 cm^{-1} band corresponds to unsymmetrical stretching vibrations of Si-C in the $Si-CH_3$ group and the 1246 cm^{-1} band corresponds to symmetrical deformation vibrations of CH_3 in the $Si-CH_3$ group. Of greatest interest is the 1000-1090 cm^{-1} range, which contains bands corresponding to the Si-O-C and Si-O-Si vibrations. The presence of the 1010 cm^{-1} absorption band in the spectrum of PVA modified with dimethyldichlorosilane shows that the polymer is chemically bound to the latter. The interaction takes place via the hydroxyl groups of PVA with the formation of the Si-O-C ether bond. Similar results were obtained

Card 1/2 UDC: 543.422+678.744

ACC NR: AP7007807

by treating PVA with a 10% solution of dimethyldichlorosilane in decane. Authors are deeply grateful to L. V. Smirnov for discussing the results. Orig. art. has: 3 figures and 1 table.

SUB CODE: 07/ SUBM DATE: 25May66/ ORIG REF: 009/ OTH REF: 006

20/

Card 2/2

FEDOROV, V.I., kandidat tekhnicheskikh nauk; SHVETS, I.T., doktor tekhnicheskikh nauk; SHKL'MENKO, N.N., inzhener.

Investigation of temperature distribution in several types of turbine roters in connection with nonstationary heat exchange. Teploenergetika 2 no.11:27-31 N '55. (MLRA 9:1)
1.Institut teploenergetiki Akademii nauk USSR.
(Turbines) (Heat--Transmission)

MAMIOFE, S.M.; SAVITSKAYA, Ye.M.; BRUNS, B.P.; SINITSYNA, Z.T.; SHELLENBERG, N.N.

Producing streptomycin sulfate by an ion-exchange method involving methanol. Med.prom. 12 no.1:39-42 Ja '58. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(STREPTOMYCIN) (METHANOL)

SAVITSKAYA, Ye.M.; SHELLENBERG, N.N.; SHVEDOV, D.I.; SALDADZE, K.M.; PASHKOV, A.B.; BHUNS, B.P.

Use of type KU-2 cationites for the decalcification of streptomycin solutions. Med.prom. 14 no.4:13-17 Ap '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ION EXCHANGE) (STREPTOMYCIN)

YAKHONTOVA, L.F.; BRUNS, B.P.; CHEKULAYEVA, Yu.S.; SHELLENBERG, N.N.; VAKULENKO, N.A.; KOVARDYKOVA, S.N.

Choice of the optimal cationite in producing streptomycin by means of ion-exchange sorption. Med. prom. 15 no.1:21-29 Ja '61. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(STREPTOMYCIN) (ION EXCHANGE)

SAVITSKAYA, Ye.M.; SHELLENBERG, N.N.; LIBINSON, G.S.; BRUNS, B.P.; KOLYGINA, T.S.; DRUZHININA, Ye.N.

Method for isolating crystalline 6-aminopenicillanic acid from culture fluids obtained during the fermentation of the microorganism, Penicillium chrysogenum, without a precursor. Antibiotiki 7 no.5:434-437 My '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PENICILLANIC ACID) (PENICILLIUM)

SAVITSKAYA, Ye.M.; SHALLENBERG, N.N.; LIBINSON, G.S.; BRUNS, B.P.; KOLYGINA, T.S.

Ion exchange method of isolating crystalline 6-aminopenicillanic acid from the products of the fermentative hydrolysis of penicillin. Antibiotiki 7 no.5:437-440 My '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PENICILLIN) (PENICILLANIC ACID)
(ION EXCHANGE RESINS)

BRUNS, B.P.; SAVITSKAYA, Ye.M.; SHELLENBERG, N.N.; LIBINSON, G.S.; KOLYGINA, T.S.; DRUZHININA, Ye.N.

Physicochemical properties of 6-aminopenicillanic acid — titration curves and its solubility. Antibiotiki 7 no.5:440-442 My '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PENICILLANIC ACID)

YAKHONTOVA, L.F.; BRUNS, B.P.; CHEKULAYEVA, Yu.S.; SHELLENBERG, N.N.; VAKULENKO, N.A.; KOVARDYKOVA, S.N.

Production of highly purified streptomycin sulfate by means of carboxycation exchange resins. Med. prom. 15 no.6:26-32 Je '61. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(STREPTOMYCIN)
(ION EXCHANGE RESINS)

L 46990-66 EWP(k)/EWT(d)/EWP(h)/EWP(l)/EWP(v)

ACC NR: AP6015324 (N) SOURCE CODE: UR/0410/65/000/003/0039/0050

AUTHOR: Budyanov, V. P. (Novosibirsk); Filippova, N. P. (Novosibirsk); Shelomanov, A. I. (Novosibirsk)

ORG: none

55
B

TITLE: Measuring the time constant of an object by means of self-tuning models

SOURCE: Avtometriya, no. 3, 1965, 39-50

TOPIC TAGS: self adaptive control, time constant, system reliability

ABSTRACT: The study involves a theoretical analysis and experimental verification of a high-speed selftuning model system for measuring time constants of objects whose behavior can be described by a linear differential equation of the first order. Recognizing practical deficiencies of existing systems, the authors evolve theorems $Y'_{mod}(t_1) > Y'_{obj}(t_1)$ and $t_2=2t_1$. Here t_1 is the instant of coefficient equalization and t_2 is the instant when error $e=0$. The former theorem indicates that the moment t_0, at which error derivative $e'=0$, preceeds moment t_1. The cited theorems serve as a basis for the design of two high-speed measuring systems with models, whose stability and accuracy do not depend on the form of the input signal. The partial derivative of error in the parameter being tuned need not be calculated.

 UDC: 62-506

POTATUYEV, A.A.; SHELOMOV, I.K.; PARIMSKIY, A.I.

Speeding-up the gas chromatographic analysis of multicomponent mixtures. Zav. lab. 31 no.11:1328 '65. (MIRA 19:1)

1. Volgodonskoy filial Vsesoyuznogo nauchno-issledovatel'skogo i proyektnogo instituta sinteticheskikh zhirozameniteley.

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