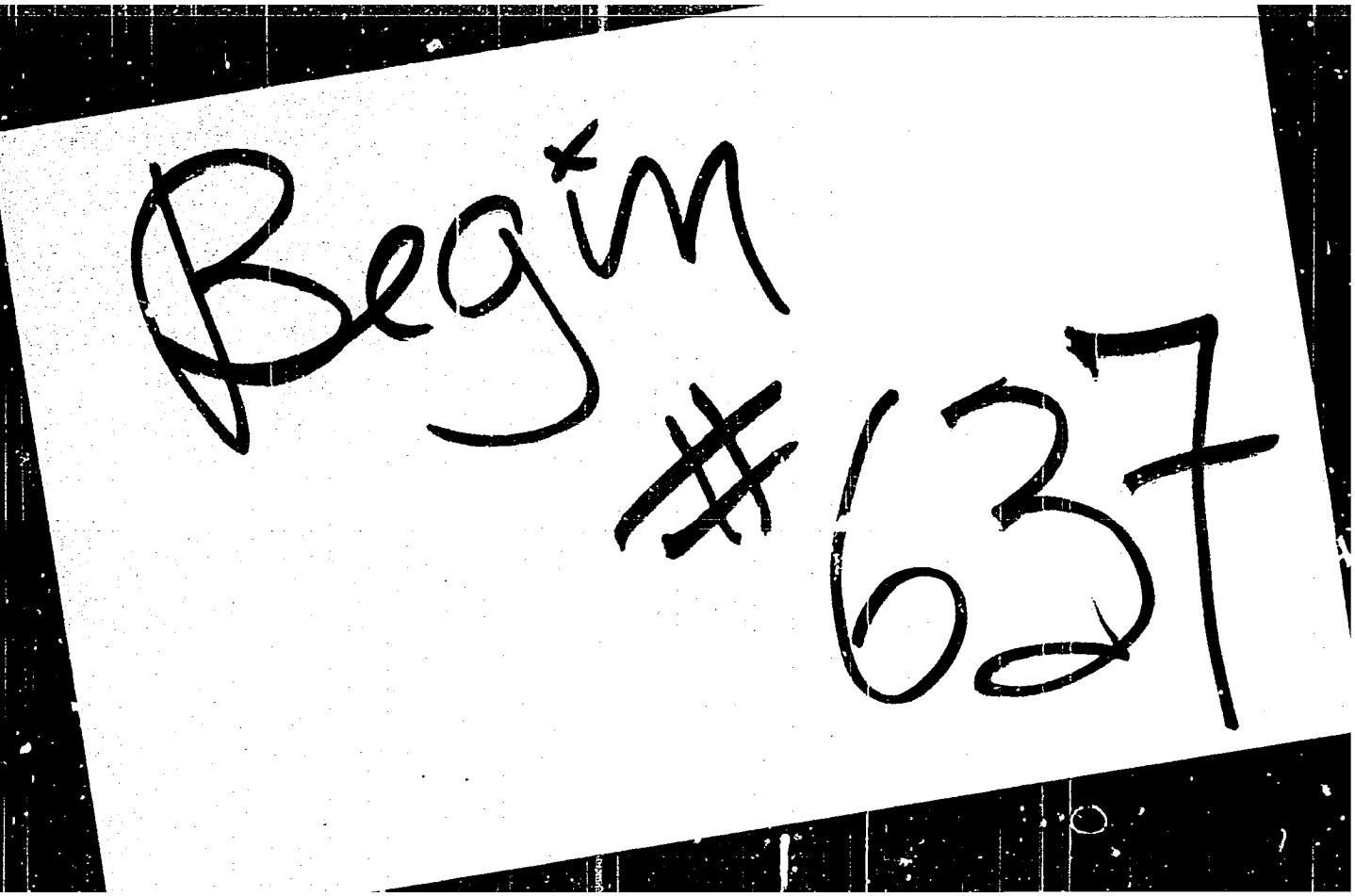

UTEYEV, A.F.; KOPKINA, V.V.

Tissue therapy in diseases of the nervous system. Zhur.nevr.i psikh. 53 no.10:813-816 O '53. (MLRA 6:10)
(Nervous system--Diseases) (Tissue extracts)

UTEYEV, A. F.

6977. UTEYEV, A. F. O vrede alkogolya. Chita, Kn. izd., 1954. 36 s. s ill. 20sm. 5,000 ekz. 65k. - [55-18027]p 613.81+392

Knizhnaya Letopis' No. 6, 1955

UTEYEV, A.F., polkovnik med.sluzhby; POLTORATSKIY, R.P., podpolkovnik med.sluzhby; GUTOVICH, S.P., vrach

Consequences of a closed trauma of the brain; a preliminary report. Sbor.nauch.trud.Kiev.okruzh.voen.gosp. no.4:357-360 '62. (MIRA 16:5)

(BRAIN—WOUNDS AND INJURIES)

ACC NR: AP6036034 SOURCE CODE: UR/0057/66/036/011/2028/2034

AUTHOR: Kel'man,V.M.; Rodnikova,I.V.; Uteyev,M.L.

ORG: Institute of Nuclear Physics, Kaz.SSR, Alma-Ata (Institut yadernoy fiziki Kaz.SSR)

TITLE: A magnetic prism mass spectrometer

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 11, 1966, 2028-2034

TOPIC TAGS: mass spectrometer, prism, magnetic field, electrostatic lens

ABSTRACT: A magnetic prism mass spectrometer is described, theoretical and experimental background for the design of which will be found in two papers by V.M. Kel'man and collaborators (ZhTF, 31,1083,19 1; DAN SSSR, 160,85,1965). Collimation and focusing are accomplished by two identical 100 cm focal length singlet electrostatic lenses. The dimensions of the pole pieces of the magnetic prism, in which the beam is deflected through 106°, are 3 x 15 x 13 cm, and the gap between them is 16 mm. A beam of 4.0-4.2 keV ions from a conventional electron impact ion source is admitted through a 0.1 mm slit, limited by a 1.0 x 1.2 cm oval iris 88 cm from the slit, collimated by the electrostatic lens 12 cm from the iris, deflected by the magnetic prism, and focused by the second lens onto an adjustable slit having a maximum width of 0.35 mm. The current through the exit slit is amplified and recorded with an automatic plotter. The ion beam is brought to a line focus by the fringe

UDC: 539.1.08

ACC NR: AP6036034

field of the prism, and the focal line is in the central plane of the prism when the instrument is properly adjusted. This adjustment is effected by moving the prism magnet, because the collimator tube is rigidly fastened to the vacuum system. The relative mass dispersion of the instrument is 1330 mm (i.e., 13.3 mm per percent mass change). The records of several close mass doublets obtained with the instrument are presented. A resolving power of about 2200 was achieved with the exit slit wide open, and resolving powers up to 3000, with a narrow exit slit. Spectra were also recorded without the second (focusing) lens, the collimator being adjusted to over-collimate the beam and bring it to a focus on the exit slit. There was no appreciable deterioration of the resolving power under these conditions. Orig. art. has: 1 formula and 8 figures.

SUB CODE: 20 SUBM DATE: 16Dec65 ORIG. REF: 005

Card 2/2

UTGOF, A. A., CHERBYANOVA, L. F., POLIKARPOCHKIN, V. V., KAS'YANOVA, I. V.

"Geochemical Exploration for Polymetallic Ore Deposits in the Waters and Silts of East Zabaykal'ye Water Systems"

"Spectrographic Gold-Test Surveying as a Method of Searching of Gold Deposits Without Mechanical Aureoles of Dispersion (Placer Deposits)" with SAFRONOV, N. K., POLIKARPOCHKIN.

(New Developments in the Methods and Techniques of Geological Exploration) Leningrad, Gostoptekhizdat, 1958. 423 p. (Series: Its: Sbornik trudov I)

POLIKARPOCHKIN, V.V.; KAS'YANOV, I.V.; UTGOF, A.A.

Geochemical prospecting for east Transbaikalian complex metal deposits based on channel silts, surface and ground waters. Trudy VITR no.1:46-73 '58. (MIRA 12:1)
(Transbaikalia--Geochemical prospecting)

SAFRONOV, N.I.; POLIKARPOCHKIN, V.V.; UTGOF, A.A.

Spectral aurimetric survey as a method of prospecting for gold deposits without mechanical aureoles (placers). Trudy VITR no.1:100-108 '58. (MIRA 12:1)
(Gold ores--Spectra)

SAVRONOV, N.I.; POLIKARPOCHKIN, V.V.; UTGOF, A.A.

Experimental studies of the aurimetric prospecting method in eastern Transbaikalia [with summary in English]. Sov.geol. 1 no.7:130-137 Jl '58. (MIRA 11:11)

1. Vsesoyuznyy institut metodiki i tekhniki razvedki.
(Transbaikalia--Gold ores) (Prospecting)

UTIAGANOV, F.

SAMOYLOV, V.

"How we organize work on state income." F.Utiaganov. Reviewed by V.Samoilov. Fin.i kred. SSSR no.3:89-90 Mr '54. (MLRA 7:4)
(Utiaganov, F.) (Finance)

UTEVSKIY, A.M. [Utievs'kyi, A.M.]; OSINSKAYA, V.O. [Osyns'ka, V.O.]; KALIMAN, P.A. [Kaliman, P.O.]

Transformations of catechol amines via quinoids. Ukr.biokhim.zhur. 37 no.5:798-804 '65. (MIRA 18:10)

1. Kafedra biokhimii Khar'kovskogo meditsinskogo instituta i Khar'kovskiy institut endokrinologii i khimii gormonov.

UTIKEYEVA, D. O.: Master Med Sci (diss) -- "The problem of combined disorders of the function of the digestive organs in diseases of the bile ducts". Kazan', 1959. 15 pp (Kazan' State Med Inst, Chair of Hospital Therapy), 200 copies (KL, No 16, 1959, 110)

UTILIN, M.N., kand. tekhn. nauk; DEYEV, Ye.A., kand. tekhn. nauk.

Studying the electric spark and other methods of grinding hard-surfacing alloys. Sel'khozmashina no.12:20-23 D '57. (MIRA 11:2)

1. Laboratoriya elektroobrabotki Nauchno-issledovatel'skogo instituta traktorosel'khozmash.
(Grinding and polishing)

UTIMAGAMBETOV, M.M., kand.geogr.nauk; BERLYAND, T.G., kand.geogr.nauk; BEZVERKHNIY, Sh.A., kand.fiz.-matem.nauk; BAYDAL, M.Kh., kand. geogr.nauk; KUZNETSOV, A.T., kand.geogr.nauk; CHUBUKOV, L.A., doktor geogr.nauk; SHVYREVA, Yu.G., mladshiy nauchnyy storudnik; UTESHEV, A.S., kand.geogr.nauk; GOL'TSBERG, I.A., doktor geogr. nauk; KLYKOVA, Z.D., starshiy nauchnyy sotrudnik; MEN'SHIKOVA, Ye.A., mladshiy nauchnyy sotrudnik; GEL'MGOL'TS, N.F., starshiy nauchnyy sotrudnik; PROKHOROV, I.I., starshiy nauchnyy sotrudnik; TKACHENKO, N.S., mladshiy nauchnyy sotrudnik; ZHDANOVA, L.P., red.; BRAYNINA, M.I., tekhn.red.

[Climate of Kazakhstan] Klimat Kazakhstana. Pod red. A.S.Uteshova. Leningrad, Gidrometeor.izd-vo, 1959. 366 p. (MIRA 13:5)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. 2. Kazakhskiy pedagogicheskiy institut (KazPI) (for Utimagambetov). 3. Glavnaya geofizicheskaya observatoriya im. A.I.Voyeykova (GGO) (for Berlyand, Gol'tsberg). 4. Kazakhskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut KazNIGMI) (for Bezverkhniy, Baydal, Kuznetsov, Uteshev, Klykova, Men'shikova, Gel'mgol'ts, Prokhorov, Tkachenko). 5. Institut geografii Akademii nauk SSSR (IG AN SSSR) for Shvyreva).
(Kazakhstan--Climate)

SKVORTSOV, Serafim Grigor'yevich, laureat Stalinskoy premii. UTIN, A.A. inzhener, redaktor; UDOD, V.Ya, redaktor; PERSON, M.N., tekhnicheskiy redaktor.

[Hermetic sealing of concrete in construction work] Vakuumirovanie betona v stroitel'stve. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 135 p. (MLRA 8:11)
(Concrete construction)

ISAYEV, N.V., inzhener, redaktor; UTIN, A.A., inzhener, redaktor; PEVZNER, A.S., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor

[Instructions for thermal struengthening of loose macroporous (loess type) earth] Instruktsiia po termicheskomu ukrepleniiu prosadochnykh makroporistykh (lessovidnykh) gruntov (I-202-55) Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 30 p. (MLRA 9:12)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriyatiy metallurgicheskoy i khimicheskoy promyshlennosti. Tekhnicheskoye upravleniye.
(Soil mechanics)

MECHUMAYEV, B.K., laureat Stalinskoy premii; UTIN, A.A., inzhener, redaktor; UDOD, V.Ya., redaktor; TOKER, A.M., tekhnicheskiy redaktor.

[My work practice in carpenter shops] Moi opyt raboty v stoliarnykh tsekhakh na stroitel'stve. Izd.2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekhture, 1956. 154 p (MLRA 9:6)
(Carpentry)

Utin A.A.

NESOV, Vladimir Dmitriyevich; UTIN, A.A., inzh., nauchnyy red.; SKVORTSOVA, I.P., red. izd-va; IL'KINA, E.M., tekhn. red.

[Work of carpenters and joiners in building] Plotnichnye i stoliarnye raboty na stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 262 p. (MIRA 11:7)
(Carpentry) (Joinery)

MITROSHIN, N.S., inzh.; UTIN, G.Ya., inzh.

Reconditioning tractor parts of road machinery. Stroi. i dor. mash. 9 no.3:36-37 Mr '64. (MIRA 17:6)

BASKIN, B.I.; UTIN, I.A.

Experience in the mechanized build-up welding of metallurgical equipment parts. Avtom. svar. 16 no.4:67-70 Ap '63. (MIRA 16:4)

1. Azerbaydzhanskiy truboprokatnyy zavod im. V.I.Lenina.
(Pipe mills--Maintenance and repair)
(Electric welding--Equipment and supplies)

ITIN, I.A.; GOLUBEV, Yu.V.

Redesigning assemblies of pipe rolling mills. Metallurg 10 no.4: 22-24 Ap '65. (MIRA 18:7)

1. Azerbaydzhanskiy truboprokatnyy zavod.

UTIN, I.A.; BASKIN, B.I.; TIKHEYEV, V.I.

Reconditioning by [illegible] of large-size [illegible] parts of metallurgical equipment. Avtom. svar. 17 no.1 : 61-64 D '64 (MIRA 18:2)

1. Azerbaydzhanskiy truboprokatnyy zavod im. V.I. Lenina (for Utin, Baskin). 2. Azerbayzhanskiy nauchno-issledovatel'skiy Institut neftyanogo mashinostroyeniya (for Tikheyev).

PASKIN, P.M.; UTIN, I.A.; [illegible]

Reconditioning couplings of automatic pipe rolling mills.
Metallurg 10 no.5:29-30 My '65. (MIRA 18:6)

1. Azerbaydzhanskiy truboprokatnyy zavod i Khar'kovskiy politekhnicheskiy institut.

Utin I. V.

USSR/ Miscellaneous - Efficiency experts

Card 1/1 Pub. 133 - 22/23

Authors : Utin, I. V., Manager of the Telegraph Division of the Arzamas Communications office

Title : The creative work of efficiency specialists in the office of communications (of Arzamas)

Periodical : Vest. svyazi 11, 31 - 32, Nov 1954

Abstract : The improved efficiency of work and the economy in expenditures in the Arzamas Office of Communications, as a result of proposals made by various efficiency experts is briefly dealt with. The system is described and a number of technical improvements are listed.

Institution: .....

Submitted: .....

UTIN, I.V.

Improving the qualifications of village communication workers.
Vest.sviazi 14 no.1:22 Ja '54. (MLRA 7:5)

1. Nachal'nik telegrafa Arzamasskoy kontory svyazi Gor'kovskoy oblasti.
(Telephone--Employees)

UTIN, I.V.

Creative activity of efficiency experts of a communication office.
Vest.sviazi 14 no.11:31 N '54. (MLRA 8:1)

1. Nachal'nik telegrafa Arzamasskoy kontory svyazi.
(Telecommunication)

UTIN, P.P.

Tin deposit. Trudy ViTR no.4:201-232 '61. (MIRA 14:9)
(Tin ores)

S/169/63/000/002/077/127
D263/D307

AUTHOR: Utin, P. P.

TITLE: On a rational network of sampling ore-deposits of gold and rare metals of North-Eastern USSR

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 12-13, abstract 2D74 (In collection: Vopr. metodiki oprobovaniya rudn. mestorozhd. pri razvedke i ekspluat. M., Gosgeoltekhizdat, 1962, 161-170)

TEXT: Results of experimental studies carried out by the thinning method on 19 Sn- and Au-bearing deposits showed that the existing network for the groove sampling and exploitation sampling may be thinned out by a factor of 2. The recommended thinning out has no effect on the final calculated reserves, and gives fully permissible deviations in the mean determined parameters of ore veins and reserves of the required minerals, both over individual blocks and over the whole deposit. [Abstracter's note: Complete translation.]

Card 1/1

UFIN, V. P. (Chief Geodesist)
(of Lengidep Expedition)

"Geodetical Work Carried out on the Building Site of the Krasnoyarsk Hydraulic Power Plant."

report presented at the XII Scientific and Technical Conference, Novosibirsk Inst. of Engineers of Geodesy, Aerial Photography, and Cartography, 15-22 Feb '58. (Geodeziya i Kartografiya, '58, 4:79-80)

UTINA, I. A.

USSR/Medicine - Muscles, Chemistry
Medicine - Ribonucleic Acid Jun 49

"Role of the Intracellular Reticular Structure and Ribonucleinic Acid in the Formation of Neurosecretions," L. B. Lavinson, I. A Utina, Inst of Zool, Moscow State U imeni M. V. Lomonosov, 3 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 5

Describes study methods and specimens and concludes that neurosecretion is of an albuminous nature. Submitted by Acad A. I. Oparin, 12 Apr 49.

PA 50/49T55

UTINA, I. A.

USSR/Medicine - Cells, Physiology
Medicine - Zoology

May 49

"Cytology of the Neurosecretive Process in Anuran Amphibia," L. V. Levinson, I. A. Utina, Inst of Zool, Moscow State U imeni M. V. Lomonosov, 4 pp

"Dok Ak Nauk SSSR" Vol LXVI, No 2

Presents results obtained from cytological research on the neurosecretory activity of Bufo bufo, Bufo viridis and Bombina bombina. Notes there are marked differences in the cell organization of similar animals. Submitted 11 Mar 49.

52/49T55

BYZOV, A.L.; UTINA, I.A.

Motion of the nuclei of retinal rods in the frog and site of origin of the electroretinogram [with summary in English]. Biofizika 4 no.2:187-197 '59. (MIRA 12:4)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(RETINA, physiol.
lability of rod nuclei & site of origin of electroretinogram in frogs (Rus))

UTINA, I.A.

Studying the activity of two types of bipolars by the method of ultraviolet cytophotometry. Biofizika 5 no. 5:626-627 '60. (MIRA 13:10)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(RETINA) (NUCLEIC ACIDS)

UTINA, I.A.; NECHAYEVA, N.V.; BRODSKIY, V.Ya.

Ribonucleic acid in ganglionic cells of the retina of a frog in darkness and in constant or flickering light. Biofizika 5 no. 6:749-750 '60. (MIRA 13:10)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(RETINA) (NUCLEIC ACIDS) (LIGHT—PHYSIOLOGICAL EFFECT)

BYZOV, A.L.; ORLOV, O.Yu.; UTINA, I.A.

Adaptation study of the eye of cephalopod mollusks. Biofizika 7 no.3:318-327 '62. (MIRA 15:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(VISION)

L 15631-65 Pb-4/Pa-4/AMD

ACCESSION NR: AP4043844 S/0020/64/157/005/1216/1218

AUTHOR: Utina, I. A.; Orlov, Yu. A. (Academician) B

TITLE: Changes in the ribonucleic acid content of horizontal and amacrine cells of the frog retina under varying illumination conditions

SOURCE: AN SSSR. Doklady*, v. 157, no. 5, 1964, 1216-1218

TOPIC TAGS: ribonucleic acid, RNA content, retinal cell, horizontal cell, amacrine cell, continuous light, flashing light, electrophysiological retinal cell response, retinal cell RNA increase, light frequency

ABSTRACT: Irritation by flashing light is known to increase the RNA content in the title cells. The studies aimed at obtaining additional electrophysiological data on their functional properties. The frogs were immobilized with diplacin, one lot was kept in the dark, the other under continous or flashing light (100 lux) of varying frequency (1 or 5 hertz) at 1:5 ratio of light to dark. RNA amount was determined in the cytoplasm and the nucleus. The test material, obtained

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L 15631-65
ACCESSION NR: AP4043844

after one hour of illumination, was studied by photographic cytophotometry. Results show a RNA increase in both amacrine and horizontal cells to occur solely with flashing light; this is an unexpected result, since electrical reaction of the horizontal cells to light irritation is known to differ considerably from that of other retinal nerve cells (ganglion, bipolar). This RNA content increased linearly with increase in light frequency. This result points towards a possible similarity of the functional properties of both types of cells. "The author wishes to thank A. L. By*zov and V. Ya. Broadski for their help with this work." Orig. art. has: 2 figures and 1 table.

ASSOCIATION: Institut problem peredachi informatsii Akademii nauk SSSR (Institute of Information Transmission, Academy of Sciences SSSR)

SUBMITTED: 29Nov63 ENCL: 00

SUB CODE: LS NO REF SOV: 009 OTHER: 009

Card 2/2

MAIAN'IN; UTIN, I.A., SILANT'YEV, I.

Eliminate unnecessary load testing of bridge cranes. [illegible]
10 v.7:47 Jl '65. (MIRA 18:7)

1. Glavnyy mekhanik zavoda "Krasnyy Oktyabr'" (for Maian'in).
2. Glavnyy makhanik Azerbaydzhanskogo truboprokatnogo zavoda (for Utin). 3. Glavnyy mekhanik Krasnoyarskogo metallurgicheskogo zavoda "Sibelektrostal'" (for Silant'yev).

UTINA, I.A., i BYZOV, A.L.

Study of functional properties of the photoreceptors of the frog retina by cytochemical method. Biofizika 10 no.6: 1088-1091 '65. (MIRA 19:1)

1. Institut problem peredachi informatsii AN SSSR, Moskva.
Submitted May 5, 1965.

Name: UTINA, O. S.

Dissertation: Some data on the mode of action of tissue therapy

Degree: Cand Med Sci

Defended at.

~~Affiliation:~~ Min Health USSR, State Order of Lenin Leningrad Inst of Advanced Training for Physicians imeni S. M. Kirov

Publication ~~Defense~~ Date, Place: 1956, Leningrad

Source: Knizhnaya Letopis', No 2, 1957

36-57-69-5/16

AUTHOR: Utina, Z. M.

TITLE: Computing the Difference in the Coefficients of Turbulence for Temperature and Moisture in Combined Transformation (Uchet razlichiya koeffitsiyenta turbulentnosti dlya temperatury i vlazhnosti v zadache o sovmestnoy transformatsii)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii, 1957, Nr 69, pp 41-44 (USSR)

ABSTRACT: The author offers a mathematical solution for the problem of combined transformation of air temperature and air humidity under the impact of an irrigated tract of land. The solution includes an evaluation of the difference between the turbulence coefficients for temperature and humidity. The solution is based on data on turbulence coefficients obtained during the Pakhta-Aral expedition [Pakhta-Aral is a cotton-growing sovkhoz in South Kazakhstan]. Tests conducted during 8 days helped to establish that for this span of time the turbulence coefficient of temperature equaled 0.03 square meter per second, whereas the turbulence coefficient of moisture was 0.07 square meter per second. The author uses several mathematical formulas to demonstrate the interrelationship between temperature and moisture in an irrigated oasis and in an arid region in its vicinity. He concludes that if the moisture transfer coefficient is assumed to be constant, but the temperature transfer coefficient is falling, the influence of the oasis on the

Card 1/2

Computing the Difference in the Coefficients of Turbulence (Cont.)

temperature of the adjacent arid region decreases with height, but remains strong in the near-surface air layer. This fall in temperature in the near-surface strata diminishes the moisture gradient so that evaporation decreases. There are 3 Soviet references.

AVAILABLE: Library of Congress

Card 2/2

UTINA, Z.M.

Calculation of the difference between the coefficient of turbulence for temperature and moisture in a problem on simultaneous transformation. Trudy GGO no.69:45-50 '57. (MIRA 11:5)
(Turbulence)

36-57-69-10/16

AUTHOR: Gracheva, V. P., Utina, Z. M., and Knipsyko, N. P.

TITLE: Irrigation Standards for Different Climatic Conditions (Normy orosheniya dlya razlichnykh klimaticheskikh usloviy)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii, 1957, Nr 69, pp. 71-76 (USSR)

ABSTRACT: The authors define the term "irrigation standards" as the amount of water needed to maintain the moisture content of soil at 60 to 70 percent. Consequently these standards vary with climatic and meteorological conditions. The authors analyze the interdependence of weather conditions and irrigation standards and refer to D. L. Laykhtman who in 1955 established a set of standards to be adhered to. The article contains 5 maps showing the application of these standards in the arid zones of the Soviet Union during the vegetation period. The standards are expressed in thousands of cubic meters (of water) per hectare. There are 3 figures, but no references.

AVAILABLE: Library of Congress

Card 1/1

S/169/61/000/012/064/069
D228/D305

AUTHORS: Laykhtman, D. L., and Utina, Z. M.

TITLE: Influence of macrometeorologic conditions on the structure of the boundary layer in the atmosphere

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 196[illegible] 46, abstract 12B282 (Tr. Gl. geofiz. observ., 1961, no. 107, 14-20)

TEXT: The distribution of the main meteorologic elements and turbulence characteristics in the boundary layer was obtained by means of solving the joint system of the equations of movement, heat inflow, water-vapor diffusion, and ground thermoconductivity. To close the system, the equation of the turbulence energy balance was used in an integral form for the whole boundary layer. The coefficient of turbulence is assign-

Card 1/2

Influence of macrometeorologic... S/169/61/000/012/064/089
D228/D305

to the"model with a fracture." On the basis of the derived formulas, appraisals are given for the changes in the profiles of meteorologic elements in the boundary layer and in the components of the heat balance during the variation of the radiation balance, and also for the degree of humidification of an active surface and its roughness. [Abstracter's note: Complete translation.]

Card 2/2

LAYKHTMAN, D.L.; KAZHDAN, R.M.; UTINA, Z.M.

Experimental determination of radiant flow of heat into the lower atmospheric layer. Trudy GGO no.107:112-115 '61. (MIRA 14:10)

(Atmospheric temperature)

ORLENKO, L.R.; UTINA, Z.M.

Calculation of the accretion and thawing of old ice. Trudy GGO no.127: 112-115 '62. (MIRA 15:7)
(Arctic regions—Sea ice)

UTINA, Z.M.

Effect of horizontal temperature inhomogeneity on the structure of the boundary layer of the atmosphere. Trudy GGO no.127:134-144 '62. (MIRA 15:7)

(Atmospheric temperature)

UTINA, Z. M. KAGAN, B. A.

On the Thermodynamic Interaction Between Sea and Atmosphere

report submitted for the 13th General Assembly IUGG, (OCEANOGRAPHY) Berkeley, California, 19-31 Aug 63

UTINA, Z.M.

Structure of the boundary layer of the horizontal-heteroge-
neous atmosphere. Trudy GGO no.144:178-182 '63.
(MIRA 17:6)

KAGAN, B.A.; UTINA, Z.M.

Theory of the thermodynamic interaction of the sea and the atmosphere. Okeanologiia 3 no.2:250-259 '63. (MIRA 16:4)

1. Leningradskiy gidrometeorologicheskiy institut.
(Meteorology, Maritime)

L 14184-66 EWT(1)/FCC GW

ACC NR: AT6004147 SOURCE CODE: UR/2531/65/000/167/0038/0043

AUTHOR: Utina, Z. M.

37
B+1

ORG: Main Geophysical Observatory, Leningrad (Glavnaya geofizicheskaya observatoriya)

TITLE: Structure of the boundary layer of the horizontally nonhomogeneous atmosphere 12,47,55

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 1, 1965. Fizika pogranichnogo sloya atmosfery (Physics of the boundary layer of the atmosphere), 38-43

TOPIC TAGS: atmospheric boundary layer, radiation balance, geostrophic wind, atmospheric temperature, atmospheric humidity, atmospheric turbulence, temperature gradient

ABSTRACT: The author determines the distribution of wind, temperature and humidity in the boundary layer of the horizontally nonhomogeneous atmosphere as a function of external parameters with given conditions for the coefficient of turbulence. This problem involves solving a system of equations which account for motion in the

Card 1/2

2

L 14184-66

ACC NR: AT6004147

presence of thermal wind, heat conductivity in the atmosphere and soil with regard to advective terms (for the atmosphere), diffusion of water vapor, and turbulent energy balance. The system also contains an equation which gives the altitude of the boundary layer as that level above which the wind changes with altitude only due to the horizontal temperature gradient. An approximate formula is given for determining the thermal wind, which is assumed to be unknown. Formulas are derived which may be used to calculate the characteristics of the boundary layer of the atmosphere as a function of geostrophic wind, radiation balance and temperature and humidity of the free atmosphere. Consideration is given to the case where the coefficient of turbulence may be approximated by a function which increases linearly with altitude in the ground layer and decreases according to an exponential law above the ground layer. Examples are given showing the effect which the coefficient of turbulence has on the other parameters of the boundary layer when there is a horizontal temperature gradient. It is found that the coefficient of turbulence has a stronger effect on the meteorological characteristics of the boundary layer under conditions of advection. Orig. art. has: 1 table, 24 formulas.

SUB CODE: 08/ SUBM DATE: 00/ ORIG REF: 004/ OTH REF: 000

Card 2/2

ACC NR: AT6021514 SOURCE CODE: UR/2531/66/000/187/0146/0148

AUTHOR: Utina, Z. M.

ORG: none

TITLE: Distribution of wind in the boundary layer

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 187, 1966. Fizika pogranichnogo sloya atmosfery (Physics of the atmospheric boundary layer), 146-148

TOPIC TAGS: atmospheric boundary layer, advection, wind distribution, boundary layer wind, horizontal temperature gradient, surface boundary layer, wind profile, wind velocity, atmospheric temperature

ABSTRACT:

The distribution of winds in the boundary layer (up to 3 km) in the presence of marked advection is analyzed on the basis of pilot-balloon data obtained at the Voyeykovo Station near Leningrad. The $U(z)/V_{og}$ and $V(z)/V_{og}$ ratios were considered as functions of the dimensionless height lz/V_{og} (where U(z) and V(z) are components of the wind velocity at height z, V_{og} is the geostrophic wind, and l the Coriolis parameter) for a given roughness z_0 and temperature stratification. Since cases of large horizontal temperature

Card 1/4

gradients were selected, no noticeable connection was found between $V(z)/V_{og}$ and the stability of the atmosphere or any dependence of $V(z)/V_{og}$ on changes in roughness from winter to summer. Values of the geostrophic wind and essential parameters were obtained from ground-level isobars and isohypses on AT_{850} and AT_{700} maps. All of the cases selected were divided into four groups in accordance with the dimensionless parameters α_x/ℓ and α_y/ℓ ($\ell_x = \frac{g}{fT} \cdot \frac{\partial T}{\partial y}$ and $\alpha_y = \frac{g}{fT} \cdot \frac{\partial T}{\partial x}$, where $\frac{\partial T}{\partial x}$ and $\frac{\partial T}{\partial y}$ are the horizontal temperature gradients averaged over height):

I $\alpha_x/\ell > 10$: $-10 < \alpha_y/\ell < 10$ (10 cases)

II $\alpha_x/\ell < -10$; $-10 < \alpha_y/\ell < 10$ (8 cases)

III $\alpha_y/\ell < -10$; $-10 < \alpha_x/\ell < 10$ (7 cases)

IV $\alpha_y/\ell > 10$; $-10 < \alpha_x/\ell < 10$ (4 cases).

Groups I and II correspond to cases in which the isotherms and isobars parallel each other and the geostrophic wind increases or decreases with height without changing direction; temperature changes amounted to 3 deg per day. Groups III and IV included cases in which the isotherms and isobars are perpendicular to each other and the geostrophic wind shows sharp changes in direction when the u(z) component is constant. Sharp advections of heat or cold caused changes in the air temperature exceeding 3 deg per day. The cases in each group were averaged and graphed (Fig. 1).

ACC NR: AT6021514

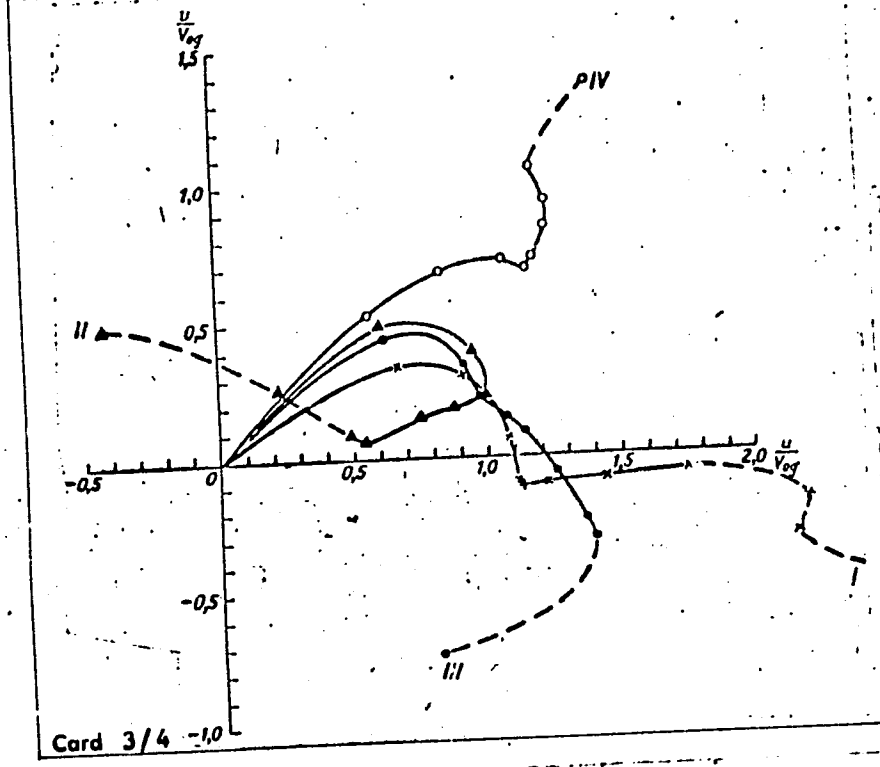

Fig. 1. Distribution of wind velocity components during a thermal wind

I, II - temperature gradient parallel to the baric gradient; III, IV - temperature gradient perpendicular to the baric gradient.

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ACC NR: AT6021514

The curves correspond to groups I—IV and the points to values of the dimensionless ratios z_g/V_{og} equal to 0.75, 0.3, 0.7, 1.2, 1.5, 2.0, 2.5, 3.0, and 4.0. Hodographs taken from this graph indicate that the horizontal temperature gradient has considerable effect on wind distribution. Orig. art. has: 1 figure. [W.A. 50; CBE No. 10]

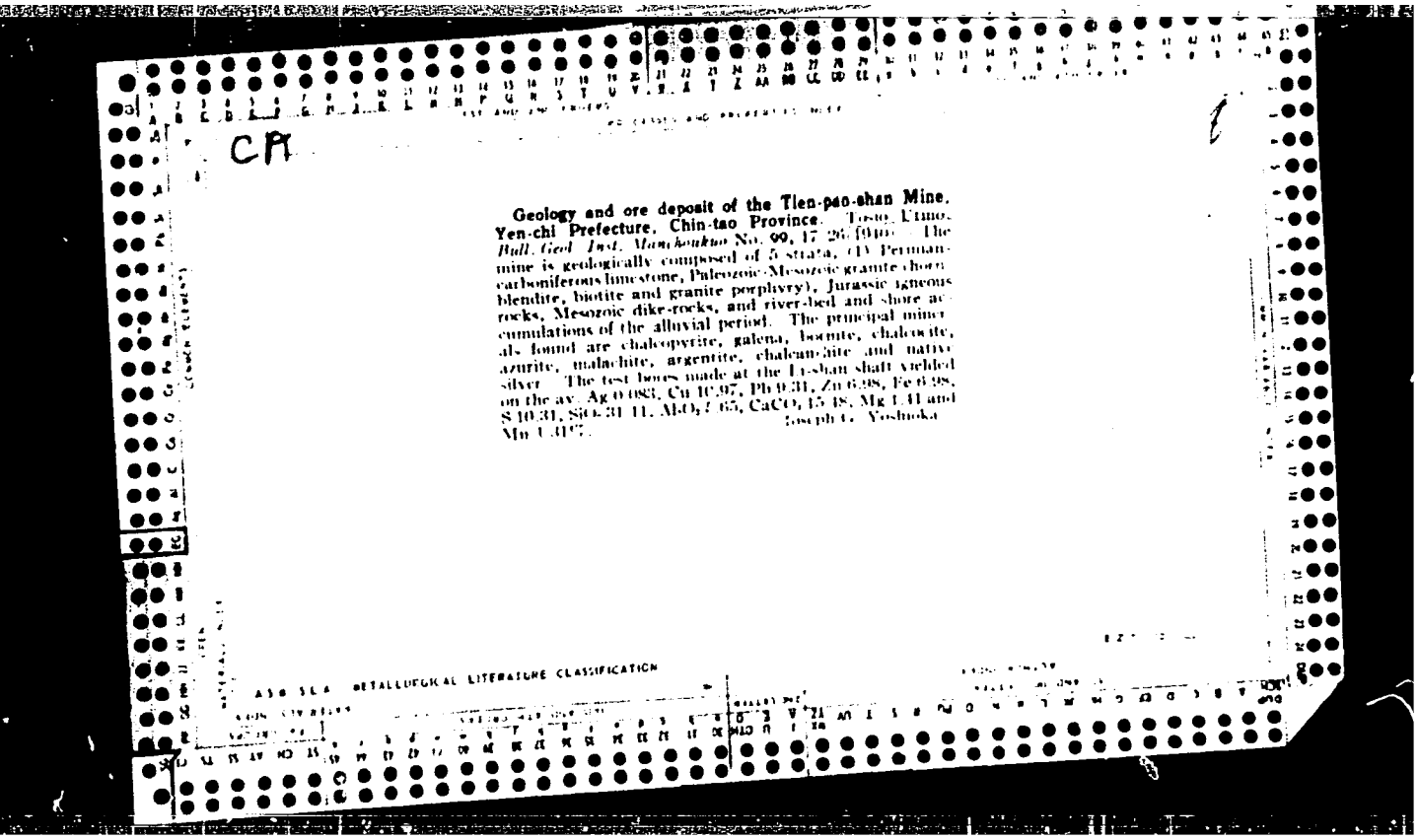
SUB CODE: 04/ SUBM DATE: none/ ORIG REF: 002/

Card 4/4

KOSEK, Miroslav; UTINEK, Vaclav

On anti-hemolytic components of human sera. Continuation of the subject "On inhibiting factors in the blood serum of patients with carcinome". Cas. lek. cesk. 99 no.15:459-466 8 Ap '60.

1. Oddeleni pro klinickou biochemii OUNZ Pribram, prednosta MUDr. Miroslav Kosek a biochemicke oddeleni Vojenskeho ustavu pro hygienu, epidemiologii a mikrobiologii v Praze, prednosta MUDr. Vaclav Utinek.
(NEOPLASMS blood)
(HEMOLYSIS)
(CHOLESTEROL)



CPR

Geology and ore deposit of the Tien-pao-shan Mine, Yen-chi Prefecture, Chin-tao Province. Tasuo Utuno. *Bull. Geol. Inst. Manchoukuo* No. 99, 17–26 (1940). The mine is geologically composed of 5 strata, (1) Permian-carboniferous limestone, Paleozoic-Mesozoic granite-chorn-blendite, biotite and granite porphyry), Jurassic igneous rocks, Mesozoic dike-rocks, and river-bed and shore ac-cumulations of the alluvial period. The principal miner-als found are chalcopyrite, galena, bornite, chalcocite, azurite, malachite, argentite, chalcanthite and native silver. The test lines made at the Tien-shan shaft yielded on the av. Ag 0.083, Cu 10.97, Pb 9.31, Zn 6.98, Fe 6.98, S 10.31, SiO$_2$ 31.11, Al$_2$O$_3$ 7.65, CaCO$_3$ 15.18, Mg 1.41 and Mn 1.317. Joseph L. Yoshioka

A59 SEA METALLURGICAL LITERATURE CLASSIFICATION

ACC NR: AP6032270 SOURCE CODE: UR/0076/66/040/009/2145/2149

AUTHOR: Andreyev, Yu. P.; Semiokhin, I. A.; Panchenkov, G. M.; Ustinov, B. V.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Oxidation kinetics of carbon monoxide containing additives in a silent discharge 27

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 9, 1966, 2145-2149

TOPIC TAGS: oxidation kinetics, carbon monoxide, combustion modifier, nitrogen, argon, helium

ABSTRACT: The mechanism of action of nitrogen, argon, and helium additives on the oxidation of carbon monoxide in a silent discharge has been studied. The experiments were carried out in a closed circulation system described earlier (I. A. Semiokhin, Yu. P. Andreyev, G. M. Panchenkov. Zh. Fiz. khimii, 38, 2076, 1964). The concentration of the additives varied from 4.8 to 60%, which corresponds to a change in the total initial pressure of 315 to 750 mm Hg. The initial pressure of the stoichiometric mixture of CO + 1/2 O_2 was the same in all the experiments, viz., 300 mm Hg. The current was 38 mamp. A kinetic analysis of the CO oxidation reaction was carried out using equations for reversible first-order reactions. On the basis of the experimental data and the kinetic analysis, it was established that argon and helium are

UDC: 541.124/.128+541.13

Card 1/2

inert diluents, while nitrogen is an "energetic catalyst" of the CO oxidation reaction:

$$N_2 + e \rightarrow N_2^*,$$
$$N_2^* + N_2 \rightarrow 2N_2,$$
$$N_2^* + O_2 \rightarrow O^* + O + N_2,$$
$$N_2^* + CO_2 \rightarrow CO_2^* + N_2.$$

Orig. art. has: 6 figures and 6 formulas. [WA-68]

SUB CODE: 07, 21/ SUBM DATE: 02Apr65/ ORIG REF: 005/

ACC NR: AP6032270 SOURCE CODE: UR/0076/66/040/009/2145/2149

AUTHOR: Andreyev, Yu. P.; Semiokhin, I. A.; Panchenkov, G. M.; Utirov, B. U.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Oxidation kinetics of carbon monoxide containing additives in a silent discharge

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 9, 1966, 2145-2149

TOPIC TAGS: oxidation kinetics, carbon monoxide, combustion modifier, nitrogen, argon, helium

ABSTRACT: The mechanism of action of nitrogen, argon, and helium additives on the oxidation of carbon monoxide in a silent discharge has been studied. The experiments were carried out in a closed circulation system described earlier (I. A. Semiokhin, Yu. P. Andreyev, G. M. Panchenkov. Zh. Fiz. khimii, 38, 2076, 1964). The concentration of the additives varied from 4.8 to 60%, which corresponds to a change in the total initial pressure of 315 to 750 mm Hg. The initial pressure of the stoichiometric mixture of CO + 1/2 O_2 was the same in all the experiments, viz., 300 mm Hg. The current was 38 mamp. A kinetic analysis of the CO oxidation reaction was carried out using equations for reversible first-order reactions. On the basis of the experimental data and the kinetic analysis, it was established that argon and helium are

 UDC: 541.124/.128+541.13

ACC NR: AP6032270

inert diluents, while nitrogen is an "energetic catalyst" of the CO oxidation reaction:

$$N_2 + e \rightarrow N_2^*,$$
$$N_2^* + N_2 \rightarrow 2N_2,$$
$$N_2^* + O_2 \rightarrow O^* + O + N_2,$$
$$N_2^* + CO_2 \rightarrow CO_2^* + N_2.$$

Orig. art. has: 6 figures and 6 formulas. [WA-68]

SUB CODE: 07, 21/ SUBM DATE: 02Apr65/ ORIG REF: 005/

Card 2/2

UTKALOV, P.R., gornyy inzh.-elektromekhanik (Donetsk)

Drilling a coal seam in development mining at mines of the Donetskugol' Combine. Ugol' 38 no.6:37-39 Je '63. (MIRA 16:8)

(Donets Basin--Boring)

UTKALOV, P.R., inzh.

Using loading machines during the mining of inclined workings at mines of the Donetskugol' Combine. Shakht.stroi. 8 no.3:21-22 Mr '64. (MIRA 17:3)

1. Proyektno-konstruktorskaya gruppa kombinata Donetskugol'.

UTKI-OTKI, L.A.; KOSTENKO, A.I., inzhener.

The drive for mechanical boosters of FP prepresses. Masl.-zhir.prom. 22 no.6:29-30 '56. (MLRA 9:10)

1.Kirovabadskiy Masloboyno-zhirovoy kombinat.
(Oil industries--Equipment and supplies)

UTKIN, A.

19967 UTKIN, A. Separator ISA dlya ochistki zhirov. Myas industriya SSSR, 1949, No. 3, s. 51-54.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

UTKIN, A.A., et al

Science

Medicinal plants of Chelyabinsk Province. Cheliabinsk, Cheliabgiz, 1951.

Monthly List of Russian Accessions, Library of Congress, November 1952, Unclassified.

UTKIN, A.

Forestsand Forestry - Mensuration

New instruments for forest mensuration work on mountainous terrain. Les. khoz. No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

UTKIN, A., inzhener.

Shrinkage norms for cold processes and refrigerated meat products. (MLRA 7:8)
Miasn.ind.SSSR. 25 no.4:46-48 '54.
(Packing house products) (Cold storage)

UTKIN, A.(Chelyabinsk).

Vargashin plant puts out low-quality machines. Posh.delo 3 no.3:18 Mr '57. (MLRA 10:4)

(Fire engines)

S/044/62/000/008/062/073
C111/C333

16.6700

AUTHOR: Utkin, A. A.

TITLE: The programming of several problems of the analysis and synthesis of logical circuits

PERIODICAL: Referativnyy zhurnal, Matematika, no. 8, 1962, 50, abstract 8V263. ("Tr. Sibirsk. fiz.-tekhn. in-ta pri Tomskom un-te", 1961, no. 40, 145-159)

TEXT: There are two programs described which were realized on the machine "Ural". The first program solves the problem of the analysis of a complicated circuit, which is given by Boolean functions which present the functional properties of the components of the circuit, and by information on the connection of the components. The second program realizes the cascade-method for the synthesis of contact circuits (Rzh. Mat., 1958, 8642) which is modified for the case of a non-complete determination of the Boolean functions. The results of the synthesis of a circuit which is described by 6 not completely determined Boolean functions of 6 variables, are given. The analysis of the 41 variants of the cascade decomposition of the function may demand 9 machine hours; the revision followed according to the method of the random numbers.

Card 1/2

S/044/62/000/008/062/073
The programming of several problems ... C111/C333

One has observed a notable dispersion of the number of the contacts in the synthesized circuits which correspond to the different variants of the decomposition. Literature: 7 titles.

[Abstracter's note: Complete translation.]

Card 2/2

L 12248-63 EWT(d)/FCC(w)/BDS ASD/ S/271/63/000/004/022/045
ESD-3/APGC Pg-4/Pk-4/Po-4/Pq-4 GG/IJP(C)

74

AUTHOR: Pecherskiy, Yu. N. and Utkin, A. A.

TITLE: Programming an analysis of relay circuits

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i vychislitel'naya tekhnika, no. 4, 1963, 59, abstract 4A367 (Uch. zap. Tomskiy un-t; 1962, no. 41, 180-193)

TEXT: The task involved in analysis of a relay circuit is to determine the system of functions of the link of output and input logical variables (matrix of reactions) and to find the matrices of the transitions. It is noted that the process of analysis of relay circuits may be automated. As distinct from familiar methods based upon the construction of specialized devices, the method in question is based upon the use of universal digital computers. Here, the analysis of a relay circuit amounts to an analysis of N logical circuits, where N is the number of conditions. If we fix the values of the proper variables, then the relay circuit may be regarded as logical. By means of successive selections of all conditions of feedbacks, all unknown functions are determined. With the help of the given program, the authors analyze a number of logical and relay circuits. Here, the time of analysis of a logical circuit of 13 elements amounts to 8 minutes; of a

Card 1/2

S/271/63/000/004/022/045

L 12248-63

Programming an analysis .....

circuit of 19 elements, 11 minutes. To analyze a relay circuit of four elements with two feedback loops requires 20 minutes. The authors point out the advantages and weaknesses of the use of specialized and universal computers. There are four illustrations and a bibliography of 7 items. A. S.

[Abstracter's note: Complete translation]

bm/ak
Card 2/2

S/0044/64/000/004/V067/V068

ACCESSION NR: AR4039859

SOURCE: Ref. zh. Matematika, Abs. 4V429

AUTHOR: Utkin, A. A.

TITLE: An integrator for a modeling arrangement with periodization of solution.

CITED SOURCE: Tr. Sibirsk. fiz.-tekhn. in-ta, vy*p. 42, 1963, 112-114

TOPIC TAGS: integrator, modeling arrangement, solution periodization, integration cycle, electromagnetic relay, chain, electromagnetic switch

TRANSLATION: The necessity is pointed out, in certain cases, of frequent repetitions of integration cycles in modeling arrangements with periodization of solutions. Under such conditions it becomes impossible to use electromagnetic relays in the chains for setting up initial conditions ("dumping" chains). A direct replacement of electromagnetic relays in the "dumping" chains by electronic switches may not give the desired result because in such chains it is difficult to eliminate their shunting effect on the integrating condenser and to avoid overloading the integrating constant current amplifier (CCA) by directing impulses.

Card 1/2

ACCESSION NR: AR4039859

An integrator with electronic control of the chain for setting ? initial conditions is described. In it, the role of chain for setting up (zero) initial conditions is described. In it, the role of chain for setting up (zero) initial conditions is played by two bridge diode switches, working synchronously, one of which is inserted in series between two cascades of CCA, the other in parallel to the last three cascades. During the integration time both switches are closed, and the system works as an integrator. During the "dumping" time both switches are disconnected, and the last three CCA cascades represent an amplifier with switched-off input, encompassed by a chain of negative reverse connection; the voltage on its output quickly takes the value zero. A schematic plan is offered for an integrator with integration time T_u = 40 msec. and dumping time T_d = 0.14 msec., with an error not exceeding 1% of the full scale. V. Alekperov

DATE ACQ: 15May64 SUB CODE: MA, ME ENCL: 00

Card 2/2

UTKIN, A.G.

KHRAMENKOVA, R.M.; UTKIN, A.G.; ARTAMONOV, M.I., pomoshchnik mastera i uchashchiysya vechernego tekhnikuma; KORCHAGIN, A.T., pomoshchnik mastera i uchashchiysya vechernego tekhnikuma; ARKHIPOV, A.P., pomoshchnik mastera i uchashchiysya vechernego tekhnikuma.

Needed brochure on carpet weaving ("Mastering wide, double-sheeting Jacquard looms for carpet weaving" by B.E. Fedosenko. Reviewed by R.M. Khramenkova and others). Tekst. prom. 17 no.8: 66 Ag '57. (MIRA 10:9)

1. Zaveduyushchiy tekhnicheskoy bibliotekoy Lyuberetskogo kombinata (for Khramenkov). 2. Nachal'nik tkatskogo tsekha Lyuberetskogo kombinata (for Utkin).
(Jacquard weaving) (Fedosenko, B.E.)

UTKIN, A.I.

AUTHOR: UTKIN A.I. 20-3-6/46

TITLE: The Investigation of Supe_sonic Flows With the Aid of Volterra's Integral (Issledovaniye sverkhzvukovykh techeniy s pomoshch'yu integrala Vol'terra)

PERIODICAL: Doklady Akad.Nauk SSSR ,1957,Vol.116,Nr.3,pp.369-372 (USSR)

ABSTRACT: The author uses Volterra's integral (cf. Goursat, Cours d'analyse III,1) for the investigation of the linear problem of the approach flow of axialsymmetric surfaces. By a series of transformations the Volterra's integral is reduced to a linear integral equation of second order. The equation is solved with the aid of the calculus of operators or with a series development. As a special case the profile of a ring-shaped wing with a minimal wave resistance is determined. Further generating line of a nozzle-shaped axialsymmetric constriction is calculated from the given pressure.

SUBMITTED: April 10, 1957
AVAILABLE: Library of Congress

Card 1/1

L 8269-66 EWT(d)/EWT(l)/EWP(m)/EWA(d)/FCS(k)/EWA(l) IJP(c)

ACC NR: AP5026683 SOURCE CODE: UR/0258/65/005/005/0821/0829

AUTHOR: Utkin, A. I. (Moscow)

ORG: None

TITLE: Application of the Volterra integral to the problem of flow around a cylindrical surface with supersonic airfoils

SOURCE: Inzhenernyy zhurnal, v. 5, no. 5, 1965, 821-829

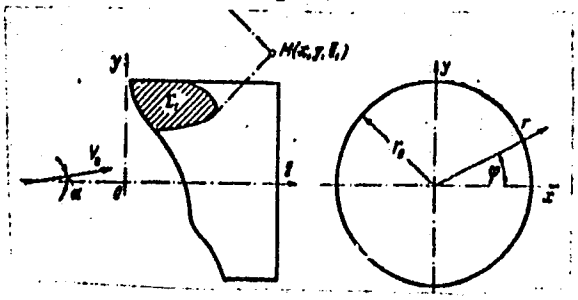
TOPIC TAGS: Volterra equation, supersonic airfoil, flow analysis, boundary layer problem

ABSTRACT: The article considers the linear form of the problem with an arbitrary form of the supersonic airfoils (See Fig. 1). The profile of the airfoil is assumed to be infinitely thin. We designate by $\Phi(x, y, z)$ the potential of the supplementary velocities. Then,

$$-(M^2-1)\Phi_{\bar{x}\bar{x}}+\Phi_{yy}+\Phi_{zz}=0,$$

where $\bar{x}=x\sqrt{M^2-1}$. The boundary condition for

Fig. 1



Card 1/2

UDC: 533.6.011

L 8269-66

ACC NR: AP5026683

the surface of the airfoil will be $V_n = \left(\frac{\partial \Phi}{\partial n}\right)_{r=r_0} = V_0 \alpha \sin \varphi$, where M and V_0 are the Mach number and the velocity in non-perturbed flow; alpha is the attack angle of the axis of the airfoil; φ and r are the coordinates corresponding to Fig. 1; r_0 is the mean radius of the annular airfoil. The article considers airfoils whose length is bounded by the condition $L_0 < 2r_0\sqrt{M^2-1}$. The Volterra integral will be

$$\Phi = \frac{1}{2\pi}\frac{\partial}{\partial x_1}\iint_{\Sigma}\left(v\frac{d\Phi}{dN} - \Phi\frac{dv}{dN}\right)d\Sigma, \qquad (1.1)$$

where Σ is the surface carrying the initial Cauchy (boundary) data. After transformation to cylindrical coordinates the article derives the Volterra equation - a linear integral equation of the second order. Orig. art. has: 19 formulas and 7 figures.

SUB CODE: ME/ SUBM DATE: 07Sep64/ ORIG REF: 004/ OTH REF: 000

BC

Card 2/2

UTKIN, Anatoliy Ivanovich; KABANOV, N.Ye., otv. red.; BANNIKOVA, I.A., red.

[Forests in central Yakutia] Lesa TSentral'noi IAkutii. Moskva, Nauka, 1965. 206 p. (MIRA 18:11)

UTKIN, A.I.

Characteristics of the spreading of root systems of trees in cold soils. Soob. Inst. lesa no.9:64-71 '58. (MIRA 11:6)
(Roots (Botany)) (Soil temperature)

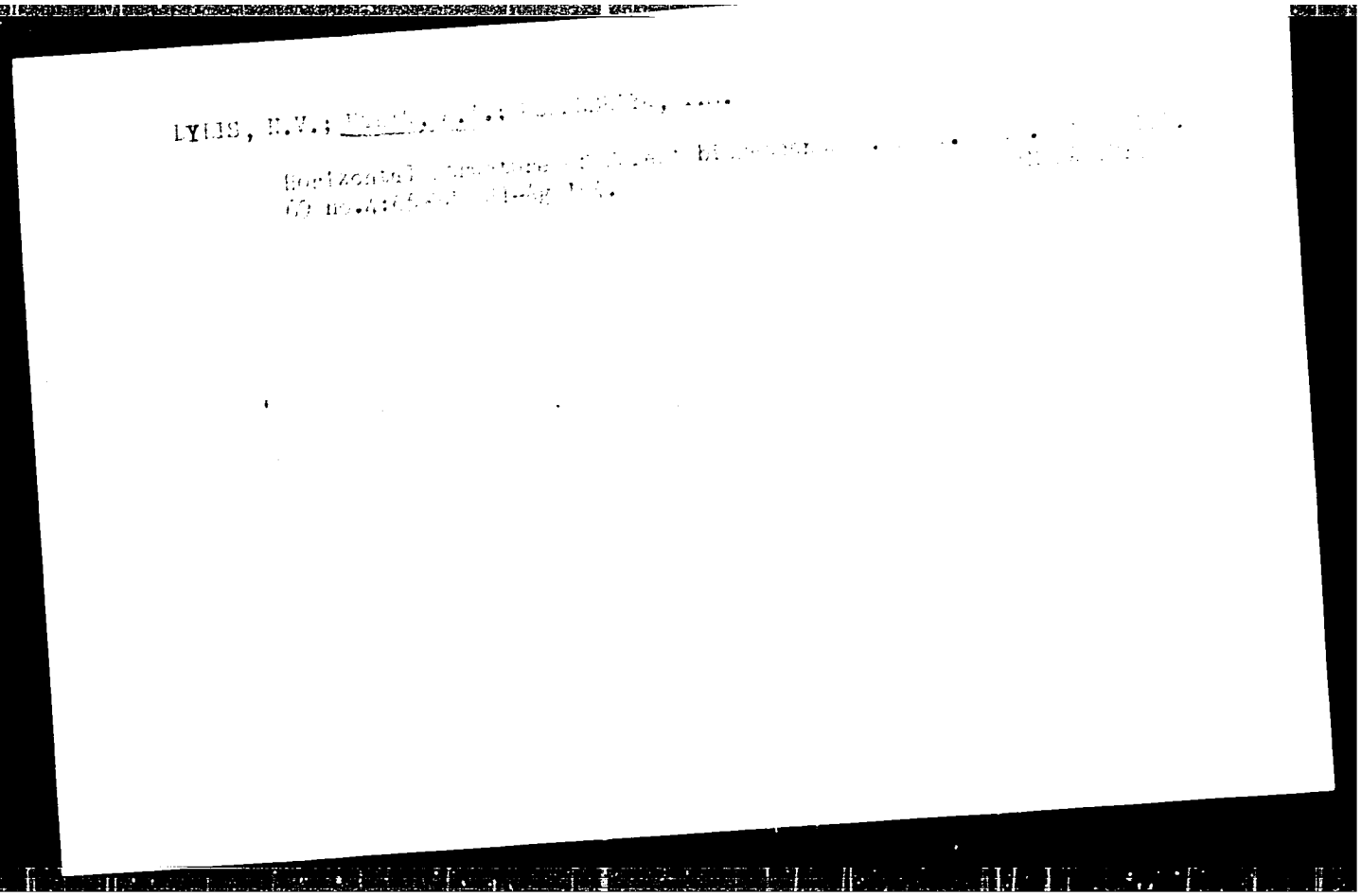
UTKIN, A.I.

Brief description of deciduous forests of central Yakutia. (MIRA 12:8)
Izv. Sib. otd. AN SSSR no.3:89-97 '59.

1. Yakutskiy filial Sibirskogo otdeleniya Akademii nauk SSSR.
(Yakutia--Forests and forestry)

UTKIN, A.I.

Two anniversary landmarks in the history of geobotanical research in Eastern Siberia. Izv. So An SSSR no.4 Ser. biol. med. nauk no.1:92-97'63. (MIRA 16:8)
(YAKUTIA—PHYTOSOCIOLOGY)



LYLIS, E.V.;

NIKOLAYEV, K.K.,[deceased], UTKIN, A.V., YURCHENKO, I.F.,inzh.red.; CHERNYSHEV, V.I., red.; BOBROVA, Ye.N. tekhn.red.

[Wages of workers employed on railroad cars] Oplata truda rabotnikov vagonnoi sluzhby; spravochnik. Pod obshchei red. I.F. Yurchenko. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 123 p. (MIRA 11:9)
(Wages)
(Railroad)

UTKIN, A.V.

Vibration of rectangular bottom plates on machinery space framing.
Trudy GPI 14 no.1:55-65 '58. (MIRA 13:2)
(Hulls (Naval architecture))
(Vibration (Marine engineering))

UTKIN, A. V.

Cand Tech Sci - (diss) "Vibration of bilge rectangular plates in machine compartments of ships." Gor'kiy, 1961. 19 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Gor'kiy Polytechnic Inst imeni A. A. Zhdanov); 225 copies; price not given; (KL, 7-61 sup, 247)

KRIVORUCHKO, Nikolay Zakharovich, kand. tekhn. nauk; SLUSHAYENKO, A.M., dotsent, retsenzent; YELISEYEV, F.G., dots., retsenzent; LERNET, K.S., dots., retsenzent; GLUKHOV, V.A., dots., retsenzent; KIYANOV, P.I., inzh., retsenzent; TSIMIDANOV, V.M., inzh., retsenzent; DOROFEYEV, V.G., inzh., retsenzent; KALEDENKOV, S.S., inzh., retsenzent; KOROLEV, A.N., inzh., retsenzent; LOKSHIN, Kh.A., inzh., retsenzent; FIRSOV, S.I., inzh., retsenzent; SHAKURSKIY, K.D., inzh., retsenzent; UTKIN, A.V., tekh., retsenzent; VALETOV, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Operation, management, and repair of rolling stock] Vagonnoe khoziaistvo. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1961. 319 p. (MIRA 14:11)

1. Kafedra "Konstruktsiya, remont i ekspluatatsiya vagonov" Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta (for all except Valetov, Bobrova).
(Railroads—Rolling stock)

UTKIN, A.V., inzh.

Calculating the strength of span covers with single cross bracings at ship ends. Trudy GPI 15 no.1:73-84 '61 [i.e. '59]. (MIRA 15:11)

(Hulls (Naval architecture))

UTKIN, A.V., inzh.

Strength analysis of coverings curvilinear in plan. Trudy GPI 17 no.3:54-62 '61. (MIRA 16:12)

UTKIN, Aleksey Vasil'yevich; EZERIN, Arnol'd Ernstovich; CHIZHITSKIY, Ya.G., retsenzent; YURCHENKO, I.F., inzh., red.; KOLTUNOVA, M.P., red.; KHITROV, P.A., tekhn. red.

[Wages in rolling stock operations; manual] Oplata truda v vagonnom khoziaistve; spravochnik. Pod obshchei red. I.F.IUrchenko. Moskva, Transzheldorizdat, 1962. 129 p. (MIRA 15:7)
(Wages---Railroads)

SYSOYEV, P.V., inzh., red.; CHIKHACHEV, N.A., inzh., red.; KRASHENINNIKOVA, G.V., inzh., nauchnyy red.; MOSKURYAKOV, A.V., inzh., red.; UTKIN, A.V., inzh., red.; SUKHAREVA, R.A., red.; SITNIKOV, L.P., red.; KUDRYAVITSKAYA, A.A., tekhn. red.

[The established classes of patent licenses and certificates granted to Soviet inventors; an index divided into subclasses, groups, and subgroups]Ukazatel' klassov avtorskikh svidetel'stv i patentov, vydavaemykh v SSSR, s podrazdeleniem ikh na podklassy, gruppy i podgruppy. Moskva, TSentr. biuro tekhn. informatsii, 1962. 820 p. (MIRA 15:12)

1. Russia (1923- U.S.S.R.)Komitet po delam izobreteniy i otkrytiy.

(Patent licenses)

UTKIN, A.V., kand. tekhn. nauk

Stability of a rectangular plate clamped along the edges.
Trudy GPI 18 no.4:12-16 '63. (MIRA 17:9)

UTKIN, A.V.

Potentials in the operation of the rolling stock. Zhel.dor.transp. 46 no.3:37-41 Mr '64. (MIRA 17:3)

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