

MAVLYANOV, G.A., akademik, otv. red.; AKRAMKHODZHAYEV, A.M., red.;
KENESARIN, N.A., red.; KHAMRABAYEV, I.Kh., doktor geol.-
miner. nauk, red.; SHAVLO, S.G., doktor geol.-miner. nauk,
red.; PETROV, N.P., kand. geol.-miner. nauk, red.;
SPEKTOR, L Ye., red.

[Problems of the geology and minerals of Uzbekistan;
papers of the geologists of Uzbekistan for the 22d. Ses-
sion of the International Geological Congress in 1964]
Problemy geologii i polezrykh iskopaemykh Uzbekistana;
trudy geologov Uzbekistana k XXII sessii Mezhdunarodnogo
geologicheskogo kongressa 1964.g. Tashkent, Nauka UzSSR,
1964. 194 p. (MIRA 18:1)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut geo-
logii i geofiziki. 2. Akademiya nauk Uzbek... (for
Mavlyanov, Kenesarin). 3. Chlen-korrespondent Akademii
nauk Uzbek.SSR (for Akramkhodzhayev).

MAVLIYANOV, S.A., akademik, prof., otv. red.; KENESARIN, N.A.,
prof., zam. otv. red.; LANGE, O.K., prof., red.;
TULYAGANOV, Kh.T., inzh.-gidr., red.; ASHIRMATOV,
S.A., kand. geol.-miner. nauk, red.; GAFUROV, V.G.,
kand. geol.-miner. nauk, red.; MIRZAYEV, S.Sh., kand.
geol.-miner. nauk, red.; SULTANKHODZHAYEV, A.N., red.;
KHODZHIBAYEV, N.N., kand. geol.-miner. nauk, red.;
KHASANOV, A.S., kand. geol.-miner. nauk, red.

[Effect of irrigation on the secondary salinization of
soils, the chemical composition, and regime of ground
waters; Tashkent International Hydrogeological Symposium,
August 6-12, 1962] Vliianie orosheniya na vtorichnoe za-
solenie, khimicheskii sostav i rezhim podzemnykh vod;
Tashkentskii mezhdunarodnyi gidrogeologicheskii simpozium
6-12 avgusta 1962 goda. Moskva, Nauka, 1964. 297 p.
(MIRA 18:1)

1. International Symposium on the Influence of Irrigation
on Secondary Salinization, Chemical Composition, and
Ground Water Regime, Tashkent, 1962. 2. AN Uzbekskoy SSR
(for Mavlyanov). 3. Chlen-korrespondent AN Uzbekskoy SSR
(for Kenesarin).

MAVLYANOV, N. A.

14-57-6-13007

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
pp 168-169 (USSR)

AUTHOR: Mavlyanov, N. A.

TITLE: The Present State of Cattle Raising and Prospects for
Its Development in the Zeravshan Basin (Sovremennoye
sostoyaniye i perspektivy razvitiya skotovodstva v
Zeravshanskom basseyne)

PERIODICAL: Sots. s. kh. Uzbekistana, 1956, Nr 7, pp 48-56

ABSTRACT: Up to now, animal raising in Uzbekistan has not had a
uniform development. Horses and sheep have been the
main concern, while cattle were of a secondary im-
portance. The latter were slow to mature and brought
in a meager profit. The average live weight of a cow
was 180 kg to 200 kg, and one cow gave 500 kg to 600 kg
of milk per year (including 250 kg of milk for the calf
when the later was reared at the udder). The majority

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14-57-6-13007

The Present State of Cattle Raising (Cont.)

of cattle on the collective farms in the Zeravshan basin are of the local mixed breed; only two or three percent are thoroughbreds. Cows constitute only 20 - 25 percent of the herds belonging to Zeravshan collective farms. In 1954, 0.5 centners of milk were obtained from each 100 hectares of agricultural area. In the agricultural year 1953-54, one cow supplied 319 kg of milk in Samarkand Oblast, 261 kg in Bukharskaya Oblast, and 313 kg in Kashha Darynskaya Oblast; in 1954-55 the amounts rose to 511, 461, and 419 kg respectively. The author recommends better fodder and improved breeds in order to increase productivity.

Card 2/2

MAL'TSEV, A.M.; MAVLYAIDOV, H.M.

Effect of ringing on growth, development and yield of the
cotton plant. Usb.biol.shur. no.6:11-19 ' 58. (MIRA 12:1)

1. Chlen-korrespondent AN UzSSR (for Mal'tsev). 2. Tashkentskiy
sel'skokhozyaystvennyy institut.
(Cotton growing)

MAVLIYANOV, Sh.

Calculating an atom-type system for mesonium. Sbor.stud.rab.
Us.GU no.2:117-122 '59. (MIRA 13:11)

1. Kafedra teoreticheskoy fiziki Uzbekskogo gosudarstvennogo
universiteta.
(Mesons)

SMIRNOV, R.P., inzh.; MAVLYANOV, T.R.

Operation of hydrogenerators with partial excitation.

Elek. sta. 34 no.3:47-49 Mr '63.

(MIRA 16:3)

(Turbogenerators)

36173
S/167/62/000/002/001/002
D237/D302

163400

AUTHOR: Mavlyanova, D.G.

TITLE: Oscillations in the relaxation systems

PERIODICAL: Akademiya nauk UzSSR. Izvestiya. Seria tekhnicheskikh nauk, no. 2, 1962, 5 - 8

TEXT: In the work by N.W. Bogolyubov and Yu.A. Mtrapol'skiy (Ref. 1: Asimptoticheskiye metody v teorii nelineynykh kolebaniy (Asymptotic Methods in the Theory of Non-Linear Oscillations) M., Fizmatgiz, 1958) methods of N.M. Krylov and N.P. Bogolyubov are given for the solution of the relaxation system under the perturbation $\mu a \sin kt$ where μ - small parameter. Here, the author applies the same methods to the relaxation system under the influence of a non-linear element $\mu f(x)$, namely

$$\frac{dx}{dt} = F(x) + \mu f(x) \quad (1) \quad \checkmark$$

where

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Oscillations in the relaxation systems

S/167/62/000/002/001/002
D237/D302

$$F(x) = \begin{cases} k & \text{for } x > 0 \\ -k & \text{for } x < 0 \end{cases} \quad 2)$$

where $k > 0$, and solves it. There are 1 figure and 1 Soviet-bloc reference.

ASSOCIATION: Institut mekhaniki AN UzSSR (Institute of Mechanics, AS UzSSR)

SUBMITTED: December 20, 1961

Card 2/2

MAVLYANOVA, D.G.

Oscillations in a nonlinear control system. Izv. AN Uz. SSR.
Ser. tekhn. nauk 7 no.6:7-9 '63. (MIRA 17:6)

1. Institut energetiki i avtomatiki AN UzSSR.

MAVLIANOVA, D.G.

Reliability of a relay element. Izv. AN Uz. SSR. Ser. tekhn. nauk 9
no. 5:83 '65. (MIRA 18:10)

1. Uzbekskiy nauchno-issledovatel'skiy institut energetiki i
avtomatiki.

MAVLYANOVA, M.

Character of the effect of the irradiated soil infusorian *Colpoda*
maupasii on *Asotobacter chroococcum*. Vop. biol. i kraev. med. no. 3:
5-8 '62. (MIRA 16:3)

(INFUSORIA) (AZOTOBACTER)
(RADIATION—PHYSIOLOGICAL EFFECT)

NIKOLYUK, V.P.; MAVLYANOVA, M.I.

Importance of presowing treatment of cottonseed with protists
irradiated with gamma rays of Co^{60} . Uzb. biol. zhur. 7 no.48
59-61 '63 (MIRA 1784)

1. Institut botaniki AN UzSSR.

SADYKOV, A.S.; ISMAILOV, A.I.; MAVLYANOVA, Yu.U.

Formation of gossypol in cotton. Nauch. trudy TashGU no.263. Khim.
nauki no.13:104-108 '64. (MIRA 18:8)

MAVIXAVIYEV, M.R., assistant

Investigating the process of scutching of southern hemp. Sbor.
nauch.-issl.rab.TTI no.12:115-127 '61. (MIRA 15:11)
(Hemp)

MAVLYAVIYEV, M.R., inzh.

Reinforced concrete substituting for metal. Tekst. prom. 21 no.1:75-76
Ja '61. (MIRA 14:3)

(Textile machinery)

BAKSHT, Yuriy Vol'fovich; LOFENFEL'D, Yevgeniy Grigor'yevich; RUSETSKIY, Aleksandr Alekseyevich. Primalni uchastiye: MARTIROSOV, G.G.; MAVIYUDOV, M.A.; KATSMAN, F.M., inzh., retsenzent; TITOV, I.A., kand. tekhn. nauk, retsenzent; KAZAROV, Yu.S., red.; KOROVENKO, Yu.N., tekhn. red.

[Adjustable pitch screw propellers] Grebnye vinty reguliruemogo shaga. By IU.V.Baksht, E.G.Lofenfel'd, A.A.Rusetskii. Leningrad, Gos. soizuznoe izd-vo sudostroita. promyshl., 1961. 327 p.
(MIRA 14:12)

(Propellers)

L 23394-65
ACCESSION NR: AP4048519

of the instrument is the premise, well-known from projection geometry, to the effect that
of the instrument is the premise, well-known from projection geometry, to the effect that

124-1957-2-1892D

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 60 (USSR)

AUTHOR: Mavlyutov, M. R.

TITLE: Investigation of the Flow of Washing Fluid Through a Diaphragm
(Issledovaniye istecheniya promyvochnoy zhidkosti cherez diafragmu)

ABSTRACT: Bibliographic entry on the Author's dissertation for the degree
of Candidate of Technical Sciences, presented to the Mosk. nef. in-t
(Moscow Petroleum Institute), Moscow, 1956

ASSOCIATION: Mosk. nef. in-t (Moscow Petroleum Institute), Moscow

1. Fluid flow--Analysis 2. Diaphragms (Mechanics)--Performance

Card 1/1

MAVLYUTOV, M.R.

Experimental study of drilling mud flow in pipes. Izv.vys.ucheb.
zav.; neft' i gaz 1 no.11:123-127 '58. (MIRA 12:5)

1. Ufimskiy neftyancy institut.
(Oil well drilling fluids)

MAVLYUTOV, M.R.

Determining rheologic properties of clay suspensions. Izv. vys.
ucheb. zav.; neft' i gaz no.4:37-43 '58. (MIRA 11:9)

1. Ufimskiy neftyanoy institut.
(Clay) (Colloids) (Rheology)

MAVLYUTOV, M.R.

Effect of temperature on the rheologic properties of clay
suspensions in water. Izv. vys. ucheb. zav.; neft' i gaz
no.6:39-42 '58. (MIRA 11:9)

1. Ufimskiy neftyanoy institut.
(Clay) (Strains and stresses) (Viscosity)

MAVLYUTOV, M.R.

Experimental determination of the coefficient of diaphragm discharge
in drilling mud flow. Izv. vys. ucheb. zav.; neft' i gaz 2 no.8:79-84
'59. (MIRA 12:11)

1.Ufimskiy neftyanoy institut.
(Hydraulics)

MAVLYUTOV, M.R.

Velocity distribution through a pipe section near the orifice in water and clay mud pumping. Izv. vys. ucheb. zav.; neft' i gaz 2 no.10:93-97 '59. (MIRA 13:2)

1.Ufimskiy neftyanoy institut.
(Oil well drilling fluids)

FILIMONOV, N.M.; MAVLYUTOV, M.R.

Determination of the time of contact of cone-bit teeth. Izv. vys.
ucheb.zav.; neft' i gaz 6 no.11:41-43 '63. (MIRA 17:9)

1. Ufimskiy neftyanoy institut.

MAVLYUTOV, M.R.; SHAMMASOV, N.Kh.

Continuous hoisting of a tool with setting for the pipe setback.
Izv. vys. ucheb. zav.; neft' i gaz 6 no.1:103-106 '63. (MIRA 17:10)

1. Ufimskiy neftyanoy institut.

FILIMONOV, N.M.; MAVLYUTOV, M.R.

Vibrations of the lower part of a drilling tool with the bit
in operation. Izv. vys. ucheb. zav.; neft' i gaz 7 no.10;
19-23 '64. (MIRA 18:2)

1. Ufimskiy neftyanoy institut.

MUKMINOV, R.A.; MAVLYUTOV, M.R.

Calculating the circulation system in drilling using bottom-hole scavenging with aerated fluid. Izv. vys. ucheb. zav.; neft' i gaz 8 no.4:21-28 '65. (MIRA 18:5)

1. Ufimskiy neftyanoy institut.

POPOV, A.N.; SPIVAK, A.I.; MAVLYUTOV, M.R.; Prinsipal' uchastiye: KOROTKOV, L.I.,
student; SANNIKOV, R.Kh., student

Analyzing a regime for the turbine drilling of wells. Burenie
no.5:6-8 '64. (MIRA 18:5)

FILIMONOV, N.M.; MAVLYUTOV, M.R.

Mechanism of the process of rock disintegration under the dynamic pressing
of stamps. Izv. vys. ucheb. zav.; neft' i gaz. 8 no.5:25-27 '65.

(MIRA 18:7)

1. Ufimskiy neftyanoy institut.

MAVLYUTOV, M. Ya.

Provedeniye i krepleniye gornyykh byrabotok (Making and bracing mine excavations,
by) I. N. Prokopenko, Yu. G. Sheyman (i) M. Ya. Mavlyutov. Moskva, Ugletekhizdat,
1952. 342 p. illus., diags., tables. "Literatura": p. (340)

SO: N/5
741.3
.P9

~~Иван Тарасович Митрополит~~
~~Иван Тарасович Митрополит~~
~~Иван Тарасович Митрополит~~
PROKOPENKO, Ivan Nikitich; SHEYEMAN, Yuliy Genrikhovich; MAVLYUTOV,
Mtyyula Yarullovich; SOSNOV, V.D., redaktor; RATHIKOVA, A.P.,
redaktor; KOSINSKAYA, A.A., tekhnicheskiiy redaktor.

[Mining shaft sinking and timbering] Gornye raboty, provedenie
i kreplenie vyrabotok. Izd. 2-e, ispr. i dop. Moskva, Ugletekh-
izdat, 1955. 423 p. (MIRA 9:4)
(Coal mines and mining)

BOYCHUK, L.N.; MAVLYUTOV, R.M.

Losses of petroleum products at heat cracking installations.
Nefteper. i neftekhim. no.1185-7 '64 (MIRA 1882)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniya nafti i nefteproduktov, Ufa.

MAVLYUTOV, R.R.

10(0); 18(0); 25(0) PHASE I BOOK EXPIRATION SOV/2035

Ufa. Aviation Institute

Trudy, vyp. 2. (Translations of the Ordenskizhde Aviation Institute, Ufa, No. 2. Ufa. Izdatel'stvo knizhnoye izd-vo, 1956. 219 p. Series title inserted. 1,000 copies printed.)

Material Board: I.P. Yemelin (Resp. Ed.), A.M. Rukmanovich, I.A. Malozovskiy, S.I. Dilyuyev, I.A. Serzhin, V.A. Vinogradov, and P.D. Nitov, Resp. Ed. for this number; I.A. Pospelovskiy, Ed. of Publishing House; N.A. Gurylan, Techn. Ed.; P.O. Geydulin.

REMARKS: The book is intended for engineers of scientific and industrial institutions.

COMMENT: This collection is composed of a number of unrelated articles in mechanical, aeronautical (fluid dynamics), metallurgical and other branches of engineering. For further coverage see

Table of Contents. **Aviation Analysis of Shatts With Single Flat Rivet Holes** 45

This article gives a solution to problems of torsion in circular section shatts having single flat rivet holes. The method applied is the method of finite differences as described by the author in Trudy Ufa izdatel'stvo aviatsonnoye izdatel'stvo, No. 1, 1955. There are 2 Soviet references.

Maluyev, S.I. Distribution of circumferential stresses between splines of a splined joint 63

This article describes the distribution of circumferential stresses between the splines of a splined joint. Formulas for the determination of transmitted circumferential stresses of the maximum stresses between stressed splines of the splined joint are given according to a sinusoidal law. Data obtained can be applied in designing primary splined joints (transmissions). There are 5 Soviet references.

Maluyev, S.I. Efficiency of fast-moving belt transmissions 75

This article considers aspects of losses and their influence on efficiency of plane belt transmission. Special attention is given to aerodynamic losses in belts and pulleys in view of the considerable effect produced by them on general losses of fast moving transmissions. The author includes several tables which have a decisive effect on the accuracy of the obtained data. Experimental research was supplemented by theoretical calculations. The author's personal files working in this field are mentioned. There are 8 references: 7 Soviet, and 1 German.

Maluyev, S.I. Increasing the Accuracy of Mechanical Inspection and Solution of Common Differential Equations by Means of Integral Methods 93

This article discusses some important problems of piston ring technology and establishes the causes of qualitative irregularity of piston rings.

Maluyev, S.I. Influence of the Nonuniformity of the Structure and Kinetic Properties of Pig Iron on the Quality of Cast Iron 111

The article discusses some important problems of piston ring technology and establishes the causes of qualitative irregularity of piston rings.

Maluyev, S.I. Investigation of the Viscosity of Liquid Pig Iron Depending on Chemical Composition and Temperature of Heat-Treatment 125

The article describes a method of obtaining experimental data on the viscosity of pure double ferrocarbon alloys and alloys of various pig irons, such as, Bessemer, open hearth, and ladle irons. Personal files mentioned include: A.I. Bakhmetev, Professor A.N. Samarin, and L.A. Shvartsman. There are 11 references: 7 Soviet and 4 German.

GOL'DENBERG, A.B., otv. red.; MAVLYUTOV, R.R., otv. red.;
BOLOTOVSKIY, I.A., red.; KULIKOV, S.I., red.; KHRIZMAN,
I.A., red.

[Reports for the conference "Technical Progress in the
Manufacture of Machinery"] Doklady k konferentsii "Tekh-
nicheskii progress v mashinostroenii." Ufa, 1961. 84 p.
(MIRA 17:11)

1. Ufa. Aviatsionnyy institut. 2. Kafedra soprotivleniya
materialov Ufimskogo aviatsionnogo instituta (for Mavlyutov).

AUTHOR: Mavlyutov, S., (RA9WCR)

107-58-6-29/58

TITLE: Radio Amateurs Must Be Designers (Radiosportsmen dolzhen byt' i konstruktorom)

PERIODICAL: Radio, 1958, Nr 6, p 24 (USSR)

ABSTRACT: The author refers to "Radio" 1958, Nr 1, in which a letter of radio amateurs from Minsk was published. He agrees with the majority of the suggestions made in this letter but disagrees on one point: Soviet radio amateurs should manufacture their equipment themselves, which means they should learn how to design and build transmitters and receivers.

Card 1/1

1. Radio-Amateur personnel

MAVLYUTOV, S. (RA9WGR)

We are joining the venture. Radio no.1:6 Ja '60.
(MIHA 13:5)

1. Chlen Ufinskogo radiokluba Dobrovol'nogo obshchestva
sodeystviya armi'. aviatsii i flotu.
(Ufa--Radio clubs)

MAVLYUTOVA, M. G.
USSR/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3231

Author : Mavlyutova, M.G.

Inst : ~~USSR/General Problems of Pathology - Tumors~~

Title : Protein Digestion by the Gastric Juice of Patients with Gastric Carcinoma.

Orig Pub : Materialy po bor'be so zlokachestv. opukholyami. Ufa, vyp. 8, 1956, 3-12

Abstract : It was determined that protein digestion in patients with gastric carcinoma was diminished to the level of digestion found in healthy fasting subjects. This is a proof of the presence of pepsinogen in the gastric juice of patients with carcinoma of the stomach. However, the degree of digestive power, in these patients is not increased postprandially. This may probably be explained by the absence of excitability in the cancerous stomach.

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MAVLYUTOVO, M. Z.

PA 251T77

USSR/Engineering - Petroleum Industry Jul 52
Geology - Petroleum

"Methodical-Programmed Meeting on Petroleum"

Vest Ak Nauk SSSR, No 7, p 96

The following reports were read at a meeting in Ufa on the geology, prospecting, extraction, and chemical processing of oil and gas: S. I. Kubikin, Head of "Bashneft" Trust, "Twenty Years of the Petroleum Industry in Bashkir"; I. R. Osadchenko, Dir of "Bashneftezavod," "Development of Petroleum Processing in Bashkir"; M. Z. Mavlyutovo, Dir of Ufa Petroleum

251T77

Sci-Res Inst, "Activity of Scientific-Research Organizations on the Petroleum Industry of Bashkir for 20 Years"; G. V. Bachrushev, "Origin of Earth and Development of Its Geological Processes."

251T77

YEFEROVA, L.V.; MAVLYUTOVA, M.Z.

Processing sewage in the Ishimbay oil field for injecting it into
layers. Neft.khoz. 38 no.8:34-35 Ag '60. (MIRA 13:8)
(Ishimbay region--Sewage)

MAVLYUTOVA, M.Z.

Preliminary refining of petroleum. Neft. khoz. 40 no.10:49-
54 0 '62. (MIRA 16:7)

(Petroleum--Refining)

MAVLYUTOVA, M.Z.; SABLIN, I.V.; SIDURIN, Yu.V.

Results of testing the performance of a preliminary oil refining unit having spherical and horizontal settlers in fields of the Petroleum Production Administration of the Association of the Bavlly Petroleum Industry. Nefteprom. delo no.10.34-39 '65. (MIRA 19x1)

1. Neftepromyslovoye upravleniye "Bavlyneft'" i Jfinskiy neftyanoy nauchno-issledovatel'skiy institut.

MAVLYUTOVA, Ye.G.; VIGULYAROV, G.N.; IMAYEV, M.G.

Vapor-phase catalytic oxidation of crude petroleum products to phthalic anhydride in a fluid-catalyst bed. *Neftekhimiia* 2 no.3:362-367 My-Je '62. (MIRA 15:8)

1. Nauchno-issledovatel'skiy institut neftekhimicheskikh proizvodstv, Ufa.
(Petroleum products) (Phthalic anhydride)

MAVRENCIC, A.

Work productivity in cotton spinning and weaving mills.

P. 259 (TEKSTILNA INDUSTRIJA) (Beograd, Yugoslavia) Vol. 4, no. 8, Aug. 1956

SO: Monthly Index of East European Accessions (EEAI) IC Vol. 7, No. 5, 1956

MAVRENCIC, Aleksandar, inz. (Beograd, Macvanska)

Textile industry of Yugoslavia. Tehnika Jug 18 no.7:Supplement: Hemindustrija 17 no.7:1321-1326 J1'63.

ACC NR: AP7002635 (A,N) SOURCE CODE: UR/0413/66/000/023/0185/0185

INVENTOR: Brezhnev, V. M.; Mavrenkov, L. T.

ORG: None

TITLE: A computer for minimizing the structure of logic circuits. Class 42, No. 177692 [announced by the Military Engineering Academy imeni F. E. Dzerzhinskiy (Voyennaya inzhenernaya akademiya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 185

TOPIC TAGS: computer, logic circuit, logic design

ABSTRACT: This Author's Certificate introduces a computer for minimizing the structure of logic circuits. The installation contains relay circuits, a neon lamp display panel and toggle switches for data input. The unit is designed for analyzing and synthesizing relay devices on the basis of generalized codes and a convolution operator. The computer contains relay units for setting up generalized codes. These relay units are connected to code display devices and to a digital composition panel through a logic circuit. The logic circuit is connected to the analysis-synthesis selector switch as well as to the switches for input of the working numbers and those for input of the forbidden numbers.

SUB CODE: 09/ SUBM DATE: 16Nov64

Card 1/1

UDC: 681.142

RUMANIA

PREDESCU, C., Dr, Col, BERCU, C., Dr, Lt-Col, TETU, G., Dr, Maj, MAVRICHE, J., Dr, Maj, and CIRCIOMARU, I., Dr, Maj [affiliation not given] (3)

"Clinical Considerations on the Diagnosis and Treatment of Accidents Involving the Swallowing of Caustic Substances."

Bucharest, Revista Sanitara Militara, Vol 17, No 1, Jan-Feb 65, pp 57-64.

Abstract: After a brief summary of the pertinent statistics and the presentation of some case histories, the authors discuss the diagnosis, clinical evolution and therapy of accidents arising from the swallowing of caustic substances. The importance of preventive measures in all places where caustic substances are used as well as of correct first aid procedures is stressed.

Includes 5 Rumanian references. -- Manuscript received 27 May 1965.

1/1

- 186 -

MAVRICHEV, V., instruktor-letchik planerist.

Towing gliders. Kryl.rod. 4 no.10:8-9 0 '53.

(MIRA 6:10)

(Airplanes--Piloting) (Gliders (Aeronautics))

MAVRICHEV, V., master sports.

Soaring in two-seater training gliders in warm air currents and
under clouds. Kryn.rod. 5 no.7:7-8 J1 '54. (MIRA 7:7)
(Gliders (Aeronautics))

MAVRICHEV, V.

AID P - 1266

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 10/15

Author : Mavrichev, V.

Title : Care of gliders

Periodical : Kryl. rod., 2, 15, F 1955

Abstract : The author names the principal points which should be watched in the care of high performance gliders. Examples of good care are given. Some names are mentioned. Photo.

Institution : DOSAAF

Submitted : No date

MAVRIGHEV, V., master sports. (g. Kaluga)

~~_____~~
A good instructor is an able trainer. Kryn.rod. 8 no.3:14-15
Mr '57. (MLRA 10:5)

(Starostin, Boris)

MAVRICHEV, V.D., inshener.

Protecting transformers against overload with partial automatic
discharge. Elek.sta. 25 no.2:33-35 F '54. (MIRA 7:2)
(Electric transformers)

SHNAYDMAN, L.O.; DUL'CHINA, B.M.; MAVRICHEVA, O.A.; SHEVYREVA, C.N.

Methods for the isolation of diacetone sorbose from the reaction
mass in the production of ascorbic acid. Trudy VNIIV 6:48-52
'59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Tekhnologicheskaya laboratoriya.
(SORBOSE)

SHNAYDMAN, L.O.; DUL'CHINA, B.M.; MAVRICHEVA, O.A.; SHHVIREVA, O.N.

Oxydation of diacetone sorbose by permanganate. Trudy VNIIV
6:52-54 '59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Tekhnologicheskaya laboratoriya.
(SORBOSE)

SHNAYDMAN, I.O.; DUL'GHINA, B.M.; MAVRICHEVA, O.A.; SHEVYREVA, O.N.

Reducing loss in the recrystallization of ascorbic acid. Trudy
VNIIV 6:62-64 '59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Tekhnologicheskaya laboratoriya.
(ASCORBIC ACID)

MAVRIN, A.

Summation of annual leave and compensation for unused leave.
Okhr.truda i sots.strakh. no.9:84-85 S '59. (MIRA 13:1)

1. Zamestitel' zaveduyushchego yuridicheskoy konsul'tatsiyey
Leningradskogo oblsoprofa.
(Vacations, Employee)

MAVRIN, A.

"Liability of workers and employees" by V.Skobelkin. Reviewed by
A.Marvin. Sov. profsoyuzy 18 no.16:48 Ag '62. (MIRA 15:8)

1. Zamestitel' zaveduyushchego yuridicheskoy konsul'tatsiyey
Leningradskogo oblastnogo soveta professional'nykh soyuzov.
(Skobelkin, V.) (Liability (Law))

MAVRIN, A.I..

Frequency of the longitudinal oscillations of piles. Nauch. trudy
LTA. no.96:93-101 '61. (MIRA 17:3)

L 14991-63 BDS
ACCESSION NR: AP3004895

S/0120/63/000/004/0085/0087

49
48

AUTHOR: Dvornikov, E. V.; E. A. Mavrin; N. B. Morkovin

TITLE: Highly stabilized transistorized crystal-controlled oscillator

SOURCE: Pribory* i tekhnika eksperimenta, no. 4, 1963, 85-87

TOPIC TAGS: transistorized crystal-controlled oscillator, wide-band amplifier, temperature stabilization, crystal, oscillator, amplifier, transistorized oscillator, crystal controlled oscillator

ABSTRACT: The principle of operation and the circuit of a transistorized crystal-controlled oscillator used in a high-resolution radio spectrometer are described. The oscillator is a two-stage wide-band amplifier with a positive feedback contain-

The oscillator is a two-stage wide-band amplifier with a positive feedback containing a resonator crystal designed for a frequency of 1.25 Mc. In order to improve temperature stabilization, a $1/20$ coupling factor for the crystal with its associated circuit is adopted. The first stage of the amplifier was designed as a common emitter circuit with a resistive load and a low-signal amplification of 30 to 40. The second stage had a transmission factor equal to unity and was also a common emitter circuit loaded with a wide-band high-frequency transformer. The output of this transformer was matched by a low-resistance coupling resistor F_{output}

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L 14991-63

ACCESSION NR: AP3004895

(see Fig. 1 of Enclosure). The voltage taken from the collector of the output transistor is applied to the AGC circuit, which makes it possible to lower output voltage variations by a factor of 10 to 15, and which provides for voltage stabilization in various elements of the circuit. The crystal with an equivalent impedance of 3 to 50 ohm and a frequency temperature coefficient of 0.1×10^{-6} was used in the device. Measurements indicate that the frequency instability of the oscillator is equal to $3 \times 10^{-8}/\text{hr}$ to $5 \times 10^{-8}/\text{hr}$ at a temperature gradient of 2 to $30/\text{hr}$ and 10^{-8} to $1.5 \times 10^{-8}/\text{hr}$ at a temperature gradient of $100/\text{hr}$. The value of the parasitic modulation index does not exceed 0.4%. Orig. art. has: 2 figures.

ASSOCIATION: SKB analiticheskogo priborostroyeniya AN SSSR (SKB of Analytical Instrument Construction, AN SSSR)

SUBMITTED: 08Sep62

DATE ACQ: 28Aug63

ENCL: 01

SUB CODE: SD

NO REF SOV: 003

OTHER: 001

Card 2/30

MAVRIN, I.

Professional training of foresters in Slovenia. p. 312.

NARODNI SUMAR. (Društvo sumarskih inženjera i tehnicara Bosne i Hercegovine)
Sarajevo, Yugoslavia. Vol. 13, no. 5/6, 1959.

Monthly List of East European Accessions (EEAI) LC Vol 9, no. 2, Feb. 19~~60~~.

Uncl.

MAVRIN, I.; SHUL'TS, D.O., red.; LEVINA, I.G., tekhn.red.

[Obtaining 216 eggs per laying hen] 216 isits ot nesushki.
Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1960. 39 p.

(MIRA 14:1)

(Eggs--Production)

KUL'BA, F.Ya.; MIRONOV, V.Ye.; MAVRIN, I.F.; YAKOVLEV, Yu.B.

Thermodynamics of the formation of univalent thallium associates.
Zhur. neorg. khim. 10 no.9:2053-2056 S '65. (MIRA 18:10)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета, kafedra
obshchey khimii.

KUL'BA, F.Ya.; MIRONOV, V.Ye.; MAVRIN, I.F.

Thermodynamics of thallium (III) chloride complexes. Zhur.fiz.khim.
39 no.10:2595-2599 0 '65. (MIRA 18:12)

1. Leningradskiy tekhnologicheskii institut imeni Kersheveta.
Submitted July 14, 1964.

MAVRIN, Y.A.; GARYAINOV, V.A.

Basic characteristics of the tectonics of the western slope of
the Southern Urals and the Orenburg portion of the Ural mountain
region. Izv. vys. ucheb. zav.; geol. i razv. 7 no.6:36-42 Je '64.
(MIRA 18:7)

1. Saratovskiy gosudarstvennyy universitet.

MAVRIN, M.

YUGOSLAVIA/Organic Chemistry. Natural Substances and their
Synthetic Analogues.

G-3

Abs Jour: Ref. Zhur.-Kimiya, No II, 1958, 36350.

Author : Barkovic D., Gasparec Z., Movrin M.(I) Barkovic D.,
Mavrin M.(II)

Inst : Not given.

Title : Synthesis of Certain Derivatives of the Quinolincar-
bonic-4-Acid Through Oxidation of Quinine Alkaloids
and of Related Compound with Chromium Trioxide.
I. Synthesis of Quininic Acid. II. Synthesis of 6-
Ethoxyquinolinecarbonic-4 and 6-Isoamyloxyquinolin-
carbonic-4 Acids.

Orig Pub: Acta pharmc. jugosl., 1957, 7, No 1, 3-11, No 3, 119-
127.

Abstract: I. In the oxidation of quinine or quinidine with

Card : 1/3

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YUGOSLAVIA/Organic Chemistry. Natural Substances and
their Synthetic Analogues.

G-3

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36350.

the mixture of CrO_3 and H_2SO_4 in the presence of MnSO_4
it is possible to minimize the decomposition of the
resulting alkaloids and to increase yield of quininic
acid (I) to approx. 90%. To a solution containing 0.25
mols of quinine, quinidine or their sulphates and 20gr.
 $\text{MnSO}_4 \cdot 4\text{H}_2\text{O}$ in a mixture with 0.1 lit. of concentrated
 H_2SO_4 and 0.7 lit. of water are added (30 min., 75°)
100gr. CrO_3 in 0.2 lit. of water. This is followed by
mixing for $2\frac{1}{2}$ hours, while increasing temperature to
 85° , addition of 0.5 lit. 25% NH_3 , heating and acidifi-
cation with CH_3COOH until pH of the mixture is 4-5.
After standing for 12-24 hours at $0-5^\circ\text{C}$, I is separated.

II. In the oxidation with ethylhydrocuprein while using

Card : 2/3

YUGOSLAVIA/Organic Chemistry. Natural Substances and their
Synthetic Analogues

G-3

Abs Jour: Ref. Zhur-Khimiya, No II, 1958, 36350.

the above described method (refer to I) the optochanic acid (II) with 87% yield and of 292-293° melting point is obtained. When CrO₃ is added to the oxidizing solution (1-1½ hour at 60-65°) followed by heating a mixture to 85° and then by allowing it to stand for 6 hours at 5-10°, the dichromate of II with 94.5% yield is obtained. This latter compound easily decomposes in NH₃ solution at 70-80°. This route is useful in making Eucupinic acid. (by oxidation of isoamylhydrocuprein) The yield is 86.7%, melting point 229-230°. The yield of dichromate formed is 96%.

Card : 3/3

23

MAVRIN, M.I.

Recognition of a combination of acute appendicitis and
strangulated intestinal obstruction caused by Meckel's
diverticulum. Kaz. med. zhur. no. 4:66-67 JI-Ag '60.
(MIRA 13:8)

1. Iz medsanchasti Neftepromyslovogo upravlenigo "Al'met'-
yevneft'" (glavvrach - R.Z. Badretdinov).
(APPENDICITIS) (INTESTINES—OBSTRUCTIONS)

MAVRIN, M.I.

Acute intestinal obstruction as revealed by data from the Almet-
yovo City Hospital of the Tatar A.S.S.R. Kaz.med.zhur. 41 no.1:
81-82 Ja-F '60. (MIRA 13:6)

1. Al'met'yevskaya gorodskaya bol'nitsa Tatarskoy ASSR (glav-
vrach bol'nitsy - Z.M. Balakina).
(ALMETYEV--INTESTINES--OBSTRUCTIONS)

MAVRIN, M.I.

Effect of disorders in acetylcholine and sympathin synthesis on the regulation of motor activity of the ureters. Biul. eksp. biol. i med. 57 no. 2:48-53 F '64. (MIRA 17:9)

1. Kafedra normal'noy fiziologii (zav. - prof. I.N.Volkva) fakul'tetskoy khirurgicheskoy kliniki imeni A.V.Vishnevskogo (zav. - prof. I.F.Kharitonov) Kazanskogo meditsinskogo instituta i Kazanskaya respublikanskaya klinicheskaya bol'nitsa (glavnyy vrach K.L.Svechnikov). Predstavlena deystvitel'nyim chlenom AMN SSSR A.V.Lebedinskim.

VOLKOVA, I.N.; MAVRIN, M.I.

Effect of lipovain on the nervous regulation of the motor function
of the ureters. Nauch. trudy Kaz. gos. med. inst. 14:139-140 '64.
(MIRA 18:9)

1. Kafedra normal'noy fiziologii (zav. prof. I.N.Volkova) i
kafedra fakul'tetskoy khirurgii (zav. - prof. I.F.Kharitonov)
Kazanskogo meditsinskogo instituta.

MAVRIN, P., polkovnik

Needless correspondence and meetings instead of organizational
work. Komm.Voeruzh.Sil 3 no.19:63-66 0 '62. (MIRA 15:9)
(Russia--Army--Political activity)

MAVRIN, V. K.

Cand Med Sci - (diss) "Morphological changes in the lung in separate and combination tying of root and bronchial vessels. (Experimental study)." Simferopol', 1960. 18 pp; (Crimean State Med Inst imeni I. V. Stalin); 200 copies; price not given; (KL, 6-61 sup, 239)

MAVRIN, V.K. (Simferopol')

Morphological changes in the lungs following ligation of one of the pulmonary veins; experimental research. Arkh. pat. 25 no.4:62-68 '63 (MIRA 17:4)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. S.A. Vinogradov) Krymskogo meditsinskogo instituta.

MAVRIN, V.K.; NESTEROV, Ye.N.; BIRKUN, A.A. (Simferopol')

Experimental atelectasis according to histological and histochemical studies. Arkh. pat. 25 no.9:69-75 '63.

(MIRA 17:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. S.A. Vinogradov) Krymskogo meditsinskogo instituta.

MAVRIN, V.V.

Increasing the frost resistance of acetylene generators.
Svar. proizv. no.9:28-29 S '61. (MIRA 14:8)

1. Ukhtinskiy nefteperegomnyy zavod.
(Acetylene generators--Cold weather operation)

MAVRIN, Ye., shlifovshchik

It is important to ponder. Izobr.i rats. no.3:20-21 Mr '62.
(MIRA 15:2)

1. 1-y mekhanicheskiy tsekh zavoda "Krasnyy proletariy",
g. Mskva.
(Moscow--Machine-tool industry--Technological innovations)

MAVRIN, Yu.P., inzh.

Replacement of VK-211B terminal switches with contactless ones.
Energetik 13 no.3:30 Mr '65. (MIRA 18:7)

USSR / Pharmacology. Toxicology. Vitamins. v

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13950

Author : Mavrina, A.M

Inst : -

Title : Carotene in a Clinic of Internal Diseases.

Orig Pub : Nauchn. zap. po dermatol. i venerol. vrachey
Kubani, 1958, vyp.2, 117-118

Abstract : No abstract

Card 1/1

AUTHOR: ~~Mavrina, G.I.~~

68-58-5-15/25

TITLE: The Uniformity of Coke Quality (Ravnomernost' kachestva koksa)

PERIODICAL: Koks i Khimiya, 1958, Nr 5, pp 52 - 54 (USSR).

ABSTRACT: Blending and coking practice used on the Zaporozh'ye Coke Oven Works is briefly described. There are 3 tables.

ASSOCIATION: Zaporozhskiy koksokhimicheskiy zavod (Zaporozh'ye Coke Oven Works)

Card 1/1

MAVRINA, G.I.

Quality of production and control organization. Koks i khim.
no.5:9-11 '63. (MIRA 16:5)
(Zaporozh'ye--Coke industry--Quality control)

KUZNETSOVA, V.A.; MAVRINA, L.A.

Determination of the organic carbon content in various
Mycobacterium rubrum cultures. Prikl. biokhim. i mikrobiol.
1 no. 6:684-688 N-D '65. (MIRA 18:12)

1. Institut mikrobiologii AN SSSR. Submitted April 17, 1965.

MAVRINA, Klavdiya Petrovna; YAKOVLEVA, G.I. [Iakovlieva, H.I.], red.;
TINCHISHINA, E.A., tekhn.red.

[Comfortable and good-looking clothing] Pro zruchnyi i krasyyvi
odiah. Kyiv, Vyd-vo TsK IKSNU "Molod," 1959. 249 p.
(MIRA 13:12)

(Dressmaking)

CHERNENKO, V.G.; MAVRINA, L.M.

Problems in calculating evaporation cooling of water in
reservoirs in the Far East. Sbor. nauch. rab. DVNIIS
no.3:151-181 '62. (MIRA 17:5)

TVARKOVSKAYA, M.T.; PONOMAREVA, V.A.; POKROVSKAYA, L.L.; SHIRINA, M.B.;
MAVRINA, R.I.; OGIL'KO, N.K.; OCHEREDNYUK, L.L.; YEGUNOVA, M.P.

Effectiveness of ambulatory treatment of patients with sutured
penetrating gastric ulcer at Yessentuki Health Resort. Sbor. nauch.
rab. vrach. san.-kur. uchr. profsoyuzov no.1:114-117 '64.

(MIRA 18:10)

1. Yessentukskaya kurortnaya poliklinika (glavnyy vrach zasluzhennyy
vrach RSFSR T.A.Gusikova).

MAVRINA, Ye. [Mauryna, Ye.]

Labor shift of Vitebsk workers. Rab. 1 sisl. 34 no. 7:2-3 J1 '58.
(MIRA 11:8)

1. Sekretar' gorkoma partii, Vitebsk, BSSR.
(Vitebsk--Industries)

GIL'DIN, R.M.; MAVRINA, Z.G., dotsent; ASATURYAN, D.G.

Treatment of acute thyroiditis and strumitis with adrenocortico-
tropin and roentgen rays. Terap.arkh. 32 no.9:70-76 '60.

(MIRA 14:1)

1. Iz 2-y kafedry terapii (zav. - dotsent G.R. Britanishskiy)

Instituta usovershenstvovaniya vrachey imeni S.M. Kirova.

(THYROID GLAND--DISEASES) (ACTH) (X RAYS--THERAPEUTIC USE)

MAVRINSKAYA, L. F.

"Comparative Morphological Research Into the Motor Nerve Endings in the Skeleton Muscles of Vertebrates." Cand Biol Sci, Kuybyshev Medical Inst, Smolensk Medical Inst. Kuybyshev, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

USSR/Human and Animal Morphology (Normal and Pathological)
Peripheral Nervous System

S-3

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55085

Author : Mavrinskaya, L.F.

Inst : Leningrad University.

Title : Embryogenesis of Motor Nerve Terminations in the Skeletal Muscles of Man and some Animals.

Orig Pub : V sb.: Probl. sovren. snbriologii. L., Un-t, 1956, 100-104

Abstract : In a 8 weeks old human fetus and in the embryo of a dog, the 20 mm long muscles of the posterior tibia surface have the appearance of a myoblastic syncytium with clusters of nerve fibers. The axis cylinders contain alongside of them and at their ends small bulges which are of a neurofibrillary structure. These terminal bulges form wide reticulators upon the mesenchyme cells and upon the myoblasts. The myoblasts begin to form into muscular tubules in 10 weeks old fetuses. At 13-14 weeks, the muscular tubules become wider. The

Card : 1/2

Mavriinskaya L. F.	
Field/ Medicine - Histology	
Card 1/1	Pub. 22 - 17/54
Author	Mavriinskaya, L. F.
Title	Motor nerve endings of skeletal muscles of lower vertebrates
Periodical	Dok. Ak. SSSR 106/2, 347-349, Jan 11, 1956
Abstract	The morphology of the motor nerve endings in skeletal muscles of fish and amphibia was investigated to establish certain laws governing the evolution of the motor nerve endings in many vertebrates. Ten references: 5 Russ and USSR; 1 Spanish and 4 Germ. (1874-1934). Illustrations.
Institution	Moscow Medical Stomatological Inst.
Presented by	Academician A. D. Speransky, August 11, 1955

MAVRINSKAYA, L.F., kand.biologicheskikh nauk, assistent

Age-related changes in the motor nerve endings in human skeletal muscles. Trudy Kuib.med.inst. 11:182-191 '60. (MIRA 15:8)

1. Iz kafedry gistologii i embriologii Kuybyshevskogo meditsinskogo instituta (zav. kafedroy dotsent I.I.Kukolev) i kafedry gistologii i embriologii Moskovskogo meditsinskogo stomatologicheskogo instituta (zav. kafedroy prof. L.I.Falin).

(MUSCULOSKELETAL SYSTEM--INNERVATION)

MAVRINSKAYA, L.F. (Kuybyshev (obl.), ul. Frunze, 95, kv.2)

Relationship between the development of the nerve endings of the skeletal muscles and the appearance of movement. Arkh.anat.gist. i embr. 38 no.2:61-68 F '60. (MIRA 14:6)

1. Kafedra gistologii i embriologii (zav. - dotsent I.I.Kukoley) Kuybyshevskogo meditsinskogo instituta i kafedra gistologii (zav. - prof. L.I.Falin) Moskovskogo stomatologicheskogo meditsinskogo instituta.

(FETUS)

(MUSCLES—INNERVATION)

MAVRINSKAYA, L.F. (Kuybyshev (obl.); ul.Frunze, 95, kv.2)

Histochemical study of cholinesterase in the process of development of the somatic musculature in human fetuses. Arkh. anat., gist. i embr. 42 no.3:30-43 Mr '62. (MIRA 15:5)

1. Kafedra gistologii i embriologii (zav. - dotsent I.I.Kukolev) Kuybyshevskogo meditsinskogo instituta i kafedra gistologii i embriologii (zav. - prof. L.I.Palin) Moskovskogo stomatologicheskogo meditsinskogo instituta.

(CHOLINESTERASE) (MUSCULOSKELETAL SYSTEM)
(EMBRYOLOGY, HUMAN)

MAVRINSKAYA, L.F. (Kuybyshev, ul. Frunze, 95, kv.2)

Evolutional and morphological changes in the myoneural synapse
in a number of vertebrates. Arkh. anat., gist. i embr. 43 no.12:
3-28 p.42 (MIRA 17:5)

1. Kafedra gistologii i embriologii (zav. - prof. A. Ya.
Khabarova) Kuybyshevskogo meditsinskogo instituta i kafedra
gistologii i embriologii (zav. - prof. I.I. Falin) Moskovskogo
stomatologicheskogo meditsinskogo instituta.

MAVRINSKIY, Yu.S.; TEPLOV, I.A.

Tectonics and the oil potential of northwestern Sakhalin. Trudy
VNIGII no.181:140-153 '61. (MIRA 15:2)
(Sakhalin--Petroleum geology)

MAVRINSKIY, Yu.S.

Carbon ration and its application for the estimation of oil
potential in Sakhalin. Trudy VNIGRI no.190:170-176 '62.

(Sakhalin—Petroleum geology) (MIRA 16:1)

MAVRINSKIY, Yu.S.

Structural relations between Upper Cretaceous and Tertiary sediments
in Sakhalin. Trudy VNIGRI no.224:295-301 '63. (MIRA 17:2)

MAVRISHCHEV, Viktor Semenovich; MOTUZ, K., red.; DCMOVSKAYA, G., tekhn.
red.

[Increasing labor productivity is the path to abundance] Povyshenie proizvoditel'nosti truda- put' k izobiliiu. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon.lit-ry, 1961. 34 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhek na promyshlennykh predpriiatiakh, no.4) (MIRA 15:1)
(Labor productivity)