

SOV/84-58-11-26/58

AUTHOR: Malinovskiy, A. (Novosibirsk)

TITLE: Improving Labor Organization (Sovershenstvuyem organizatsiyu truda)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 11, pp 14-15 (USSR)

ABSTRACT: The author describes the improvements made in servicing airplanes at the Novosibirsk airport repair shops. These consisted in the introduction of two shifts on time-consuming tasks, the assignment of specialized crews to servicing specific systems and units, the improvement of working conditions, and most of all, the performance of main and auxiliary operations on the spot. The replacement of Il-12 engines now takes two days and of the Il-14, two and a half days. Personalities mentioned include: Technical Control Division Chief Vashkata, Section Chief Borisov, foreman Artemchuk.

Card 1/1

SHENBOR, M.I.; BURMISTROV, S.I.; MALINOVSKIY, A.A.

Arylamides and alkylamides of 3,6-dichlorophthalic acid.  
Izv.vys.ucheb.zav; khim.i khim.tekh. 4 no.5:869-871 '61.  
(MIRA 14:11)

1. Dnepropetrovskiy khimiko-tehnologicheskoy institut imeni  
F.E. Dzerzhinskogo, kafedra tekhnologii osnovnogo organicheskogo  
sinteza i sinteticheskogo kauchuka.  
(Phthalic acid) (Amides)

MALINOVSKIY, A.A.

Some biological prerequisites of longevity in mammals and man.  
Trudy MOIP.Otd.biol. 6:46-50'62. (MIRA 16:7)

1. The Ukrainian Research Institute of Eye Diseases and Tissue  
Therapy named V.P.Filatov.  
(LONGEVITY)

MALINOVSKIY, A. A.

Mbr., Inst. of Experimental Biol.; Acad. Sci., Moscow, - 1940-; Mbr., Inst. of Cytology, Histology, & Embryology, Dept. Biol. Sci., Acad. Sci., -1943-.

"Homoplastic Transplantation of Teeth in Rats,"

SO: Dok. AN, 26, No. 7, 1940;

"Replacement of Teeth in Dogs by means of Homoplastic Transplantation of Teeth Rudiments,"

SO: Dok. AN, 29, No. 3, 1940;

"An Attempt at Experimental Homoplastic Transplantation of Teeth in the Dog,"

SO: Dok AN, 28, No. 8, 1940;

"Further Experiments on Substituting Lost Teeth by Means of Homoplastic Transplantation of Tooth Anlages,"

SO: Dok. AN, 41, No. 4, 1943.

MAITNOVSKY, A. A.

"Regularities of heredity in the light of Darwin's theory of selection." (p. 171)  
by A. A. Malinovsky

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XIV, No. 1, 1941

MALINOVSKI, A. A.

"A. A. Malinovsky: Physiological Sources of Correlation in the Structure of a Human Organism." Received on August 9, 1944. (p. 235).

SO: Journal of General Biology, Vol. VI, contents of the issues 1-6, for 1945. No. 4

MALINOVSKIY, A.A.

[Structure and life of the human body] Stroenie i zhizn'  
chelovecheskogo tela. Moskva, Gos.izd-vo tekhniko-teoret.  
lit-ry, 1946. 55 p. (MIRA 13:3)  
(ANATOMY) (PHYSIOLOGY)

MALINOVSKIY, A.A.

[Human organism and its function] Organizm cheloveka i ego zhisnedeiatel'-  
nost'. Moskva, Medgiz, 1952. 60 p. (MLBA 6:5)  
(Anatomy, Human) (Physiology)



MALINOVSKIY, A.A.; MUCHNIK, S.R.; VOINO-YASENEFSKIY, V.V.

Discussion of critical considerations of prof. A.M.  
Zabludovskiy on tissue therapy. Vest. khir., Moskva  
73 no.6:53-59 Nov-Dec 1953. (GIML 25:5)

1. Of the Ukrainian Experimental Institute of Eye Diseases  
imeni Academician V.P. Filátov (Director -- V.P. Filatov).

MALINOVSKIY, A.A.

Investigation of processes of stimulation and inhibition in  
"reflex epilepsy" in rats. First report. Basic forms of reaction  
and their dependence upon the strength of the stimulus. Biul. eksp.  
biol. i med. 37 no.1:18-22 Ja '54. (MLRA 7:3)

1. Iz Ukrainского eksperimental'nogo instituta glaznykh bolezney  
im. V.P.Filatova, Odessa. (Epilepsy) (Reflexes)

USSR/General Problems of Pathology -  
Tissue Transplantations and Tissue Therapy.

U-2

Abs Jour : Ref Zhur - Biol., No 5, 1958, 22858

Author : ~~Malinovskiy, A.A.~~

Inst : -

Title : The Effect of Tissue Therapy Upon the Excitatory and  
Inhibitory Processes in the Central Nervous System.

Orig Pub : Tr. yubil. nauch. konferentsii, posvyashch. 80-letiyu  
akad. V.P. Filatova, Kiyev, Gosmedizdat USSR, 1956,  
154-159

Abstract : Auto-genic convulsive seizures in rats were precipita-  
ted by the loud sound of a bell. First, there was a  
motor excitation, followed by an inhibitory pause and  
then by the seizure itself. Five to 46 days after  
grafting a bull's preserved skin onto rats, the dura-  
tion of the various periods and the severity of the  
seizure were recorded. Under the influence of tissue

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USSR/General Problems of Pathology -  
Tissue Transplantations and Tissue Therapy.

U-2

Abs Jour : Ref Zhur - Biol., No 5, 1958, 22858

therapy excitatory processes increased reaching a maximum during the 4th week; later there was an increase in active inhibition and a decrease in the pathologic reaction of the nervous system.

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FILATOV, V.P.; MALINOVSKIY, A.A., starshiy nauchnyy sotrudnik; SKORODINSKAYA,  
V.V., starshiy nauchnyy sotrudnik

Myopia. Zdorov'e 2 no.11:12-13 N '56.

(MLPA 10:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Filatov)  
(HYOPIA)

MALINOVSKIY, A.A., starshiy nauchnyy sotrudnik

Classification of the forms of spherical refraction. Oft.zhur. 11  
no.1:42-50 '56. (MLBA 9:9)

1. Iz Ukrainskogo eksperimental'nogo instituta glaznykh bolezney  
imeni akademika V.P.Filatova.  
(EYE--ACCOMODATION AND REFRACTION)

MALINOVSKIY, A.A.; GOLUBTSEVA, M.V.; SHAPOSHNIKOV, V.I.

Effect of tissue implantations on the relationship of inhibition and excitation in the central nervous system of rats. Uch. zap. URIGB 4:160-175 '58. (MIRA 12:6)

1. Ukrainskiy eksperimental'nyy institut glaznykh bolezney i tkanevoy terapii imeni akademika V.P. Filatova.

(TISSUE EXTRACTS) (NERVOUS SYSTEM)

MALINOVSKIY, A.A.

Mathematical methods of studying changes in the optical apparatus of  
the eye. Probl.fiziol.opt. 12:345-348 '58 (MIRA 11:6)  
(OPTICS, PHYSIOLOGICAL)



MALINOVSKIY, A.A., starshiy nauchnyy sotrudnik

"Anatomo-optical analysis" of refraction in the works of Professor  
A.I. Dashevskii. Oft.zhur. 13 no.5:282-292 '58 (MIRA 11:10)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo  
instituta glanykh bolezney i tkanevoy terapii im. akademika  
V.P. Filatova (direktor - prof. N.A. Puchkovskaya)  
(EYE--ACCOMODATION AND REFRACTION)

MALINOVSKIY, A. A.

"Controlling Systems in Living Organisms" (15 February 1957).

Paper presented at the Seminars on Cybernetics at Moscow University during the 1956-57 school year.

Problemy Kibernetiki, No. 1, 1958

37023

S/044/62/000/003/091/092  
C111/C333

27.4000

AUTHOR: Malinovskiy, A.A.

TITLE: The types of the controlling biological systems and the significance of their adaptation

PERIODICAL: Referativnyy zhurnal., Matematika, no. 3, 1962, 73, abstract 3 V 451. ("Probl. kibernetiki". No. 4, M., Fizmatgiz, 1960, 151 - 181)

TEXT: The questions of adaptation of biological control systems to the variations of the surroundings are considered : a) the variation of the surroundings is undirected. Two cases of adaptations are presented ; the mechanism of nuclear heredity and the system of the elementary reflex reactions, their peculiarities and the role of these peculiarities in the adaptation of the organism to the surroundings; b.) the adaptation to constant conditions or to a regular change of the conditions. The evolution scheme for these cases is given. It is shown that the "star-shaped-radial" form of the connection is to be preferred compared with the chain form. For relations of the kind

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The types of the controlling ...

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$A \overset{+}{\rightleftharpoons} B$ ,  $A \overset{+}{\leftarrow} B$  and  $A \overset{-}{\rightleftharpoons} B$  and for alternative processes the

values of adaptation of some types of systems with feedbacks are considered. The author compares some relations of the control systems in organisms and in machines. The advantages and disadvantages of each system relative to the others are pointed out. Finally the author considers the possibility of applying the ideas concerning the types of the biological systems in medicine.

[Abstracter's note : Complete translation.]

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Card 2/2

MALINOVSKIY, A. A.

"On the Possibility of Structural Approach to Certain Problems of the Upper Nervous Activity" (30 October 1959)

report delivered at a seminar on cybernetics, Moscow State University.

So: Problemy kibernetiki, Issue 5, 1961, pp. 289-294

MALINOVSKY, A.A.

Some physiological correlations in progressive myopia. Uch.  
zap. UEIGB 5:198-208 '62 (MIRA 16:11)

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MALINOVSKIY, A.A.

Importance of the quantitative study of control systems for  
theoretical problems in biology. Prim. mat. metod. v biol.  
no.3:115-127 '64. (MIRA 17:11)

1. Institut glaznykh bolezney i tkanevoy terapii, Odessa.

MALINOVSKIY, A.F. (Leningrad, P-41, ul. Skorokhodova, d.32, kv.3)

Results of pulmonary resections following ineffective collapse surgery in tuberculosis. Grad. kniz. ... no.5:29-35 S.19 '62.

(MIRA 18.4)

1. Legochno-khirurgicheskoye otdeleniye (zav. ... kapt.med.nauk Yu.M.Rapin) Leningrad'skogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. ... prof. A.S.Serov).



MALINOVSKIY, A.G., inzhener-podpolkovnik; SVERKUNOV, L.P., inzhener-  
major

Automation in processing radar information (as revealed by foreign  
press data). Vest. protivovozd. obr. no.8:47-51 Ag '61.(MIRA 14:8)  
(Automation) (United States--Radar, Military)

DESOV, A.Ye., doktor tekhn.nauk; KOROLEV, K.M., kand.tekhn.nauk; MALINOVSKIY,  
L.S., inzh.; FAYTEL'SON, L.A., kand.tekhn.nauk

Results of testing vibromixing machinery. Trudy NIIZHB no.33:41-63  
'64. (MIRA 18:2)

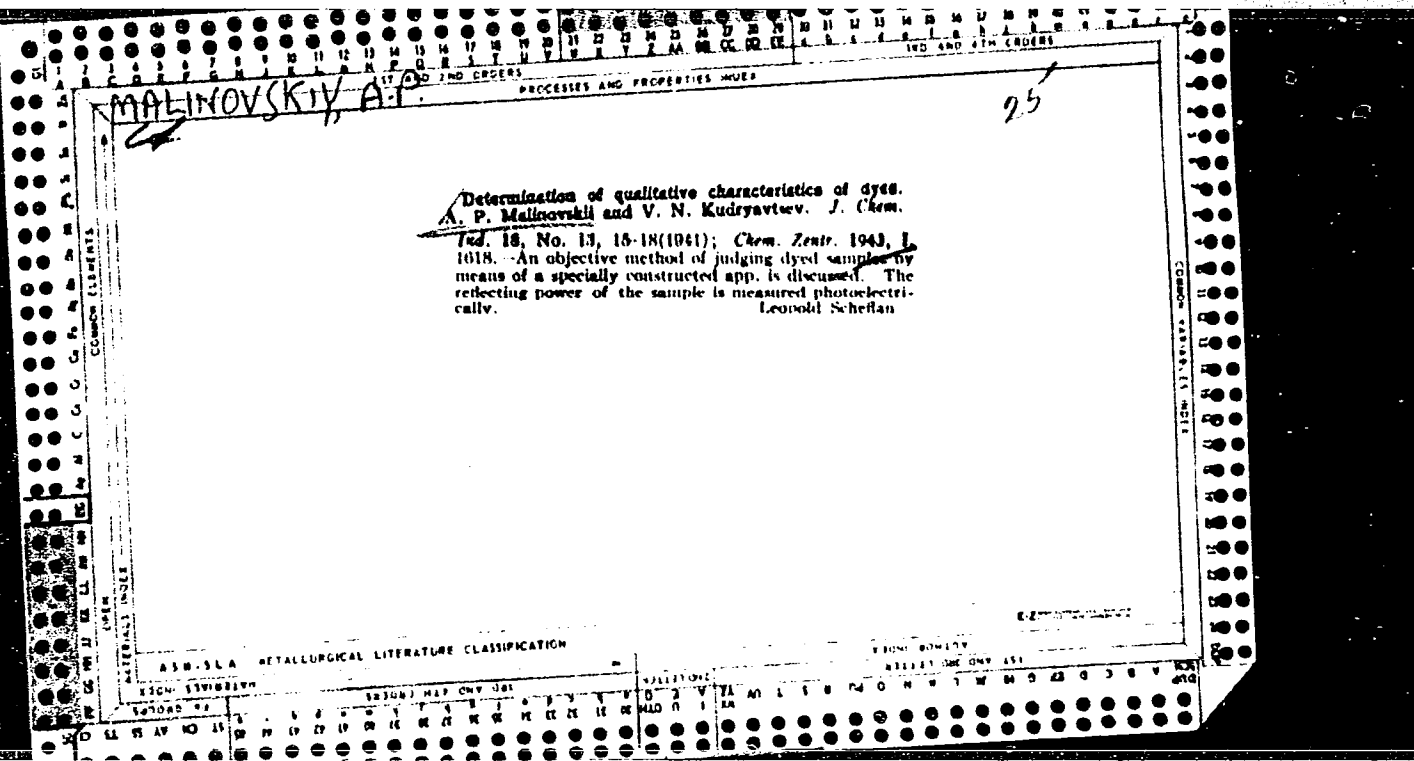
1. Nauchno-issledovatel'skiy institut betona i zhelezobetona  
Gosstroya (for Desov, Korolev, Malinovskiy). 2. Institut  
stroitel'stva i arkhitektury AN Latvviyskoy SSR (for Faytel'son).

1. The first part of the document is a list of names and titles of individuals who were involved in the project. The names are listed in alphabetical order and include the following: [Illegible names and titles]

MALINOVSKIY, A.N., kand. tekhn. nauk, dots.; YEGOROV, N.D., red.;  
KUZ'MIN, I.F., tekhn. red.

[Running gear of tracklaying vehicles] Khodovaia chast' gusenichnykh mashin. Moskva, Voenizdat, 1963. 116 p.  
(MIRA 16:6)

(Tanks (Military science))



ACC NR: AT6036611

SOURCE CODE: UR/0000/66/000/000/0253/0253

AUTHOR: Lebedeva, Ye. V.; Dmitriyeva, L. V.; Malinovskiy, A. V.

ORG: none

TITLE: A conveyor system in the higher plant ecosystem link [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 253

TOPIC TAGS: life support system, closed ecological system, plant physiology, aeroponics, space nutrition, space food

ABSTRACT:

In developing a higher-plant link for a closed ecological system, the main requirement is the assurance of a constant supply of vegetable food, oxygen, and water to man. This problem can be solved by the creation of a conveyor system of growing plants of different ages.

Depending on the cultivation method adopted (aeroponics or hydroponics), the conveyor system is based on the principle of movable nests for fixing the plants or on a stationary planting without changing the distance between plants while they grow. In the first system (aeroponics) an

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illuminated seeding area is used more effectively than in the second system (hydroponics).

Experiments with the conveyor system using hydroponics have indicated that it is possible to obtain a continuous supply of fresh vegetables in amounts required by daily rations, that the nutritional value of vegetables obtained in a conveyor system corresponds to requirements as far as vitamin content is concerned, and that it is possible to greatly increase the productivity of plants in a conveyor system by regulating the basic parameters of the ecological complex (temperature, humidity, illumination, and root and aerial feeding).

[W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 2/2

MALINOVSKIY, B.A.

At the Irkutsk Experiment Station. Zemledelie 27 no.2:74-80 F '65.  
(MIRA 1814)

1. Direktor Irkutskoy oblastnoy gosudarstvennoy sel'skokhozyaystvennoy  
stantsii.



MALINOVSKIY, B.N.; MALINOVSKIY, V.N.

New device for the castration of sorghum. Agrobiologiya no.3:473-  
474 My-Je '61. (MIRA 14:5)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.  
(Sorghum) (Pollen)

MALINOVSKIY, B.N.

Increasing vitality of hybrid sorgo in the first generation. Agro-  
biologiya no.1:148-151 Ja-F '62. (MIRA 15:3)

1. Kubanskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledo-  
vatel'skogo instituta rasteniyevodstva.  
(Sorghum)

MALINOVSKIY, B.N., kand.sel'skokhoz,nauk

First sorgo hybrids developed at the Kuban Experiment Station.  
Agrobiologiya no. 3:426-431 Mv-Je '64. (MIRA 17:7)

1. Kubanskaya opytnaya stantsiya Vsesoyuznogo instituta  
rasteniyevodstva.

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*Electronics*

Principles of Radio Location and Radio Recognition of Airplanes. B. Malinovsky. *Uchebnik i Spetsializatsionnyy Kursy Morskoy Floty*, No. 11-11, July, 1945, pp. 321-325. (USSR). *Foreign Library (Washington, Translation)*, No. 27-0, May 1946. 5 pp. An elementary explanation of the principles and outline of the development of radio location and recognition systems.

MALINOVSKIY, B. N., Cand. in Tech. Sci.

"Devices Based on Combination of Magnetic and Crystal Elements" a paper presented at the Conference on Methods of Development of Soviet Mathematical Machine-Building and Instrument-Building, 12-17 March 1956.

Translation No. 526, 8 Oct 56

MALINOVSKIY, B. N., Cand. in Tech. Sci. and NECHAYEV, G. K., Cand. in Tech. Sci.

"Analysis and Investigation of Trigger Circuits Employing Point Contact Transistors"  
a paper presented at the Conference on Methods of Development of Soviet Mathematical  
Machine-Building and Instrument-Building, 12-17 March 1956.

Translation No. 596, 8 Oct 56

KORDALEV, A. I. and MALINOVSKIY, B. N.

"Dynamic Flip-Flop With Triode Transistors."

The authors describe a dynamic flip-flop using point-contact triode transistors, discuss its circuit and provide experimental data on its performance under various operating conditions. There are no references.

voprosy vychislitel'noy matematiki i tekhniki (Problems in Computer Mathematics and Technique) Kiev, Izd-vo AN Ukr SSR, 1958, 97 pp. (Sbornik, Trudov, vyp 3)

This collection of articles issued by the computer Center of Ukr SSR Acad Sci is intended for scientists and engineers in the field of computer mathematics and techniques. The collection is devoted to the programming of mathematical problems on electronic computers and to the design of units and components of these machines.

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S/112/60/000/009/004/006

9,2560

Translation from: Referativnyy zhurnal, Elektrotehnika, 1960, No. 9, p. 263.  
# 4.8155

AUTHORS: Kondalev, A. I., Malinovskiy, B. N.

TITLE: A Transistorized Dynamic Flip-Flop <sup>1/2</sup> A

PERIODICAL: Sb. tr. Vychisl. tsentra AS UkrSSR, 1958, No. 3, pp. 71-75

TEXT: The authors describe the circuit of a dynamic flip-flop consisting of a transistor<sup>45</sup> and an inductance connected to the emitter circuit. In the initial state the transistor is blocked by a bias. Negative master pulses enter the base of the transistor, the amplitude of these pulses being too low to open the transistor. If one positive pulse is supplied to the circuit input, the transistor is opened and current is originated in the emitter circuit. On account of the inertness of inductance, this current continues to flow up to the arrival of the following masterizing pulse which again opens the transistor. The excited state of the flip-flop corresponds to this, during which master pulses are passing the collector circuit. The following pulse being supplied

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A Transistorized Dynamic Flip-Flop

to the input, the transistor is blocked and the flip-flop returns to its initial state. There are 7 figures.

A. V. Sh.

Translator's note: This is the full translation of the original Russian abstract.

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Card 2/2

S/044/62/000/003/088/092  
C111/C333

AUTHOR: Malinovski, Boris Nikolaevich

TITLE: Controlling digital multiple-purpose computers for industrial automatization

PERIODICAL: Referativnyy zhurnal., Matematika, no. 3, 1962, 72, abstract 3 V 433. ("Automatizace", 1961, 4, no. 8, 222 - 225)

TEXT: The application of digital controlling computers for the automatization of the industry, fundamental requirements to such machines and the description of the controlling multiple-purpose computer developed at the AN USSR (AS UkrSSR). ✓

[Abstracter's note : Complete translation.]

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MALINOVSKIY, B.N. [Malynovs'kyi, B.M.] (Kiyev); YANOVICH, I.A.  
[IAnovych, I.O.] (Kiyev)

Control computer for the automation of complex production  
processes. Avtomatyka 7 no.6:30-39 '62. (MIRA 16:1)  
(Automatic control) (Automation)

MALINOVSKIY, B.N.

Digital control systems and automation of production]  
TSifrovye upravliaiushchie mashiny i avtomatizatsiia  
proizvodstva. Moskva, Mashgiz, 1963. 287 p.  
(MIRA 17:7)

ZHUK, L.A.; MALINOVSKIY, B.N., kand. tekhn. nauk

Design of multichannel electronic switching circuits. Avtom. i prib.  
no.1:40-45 J~~e~~Mr '63. (MIRA 16:3)

1. Institut kibernetiki AN UkrSSR.  
(Electronic circuits)

GARBER, K.S., dotsent; NIKITIN, A.I.; LYAUDIS, B.V.; MALINOVSKIY, B.N., kand. tekhn.nauk; BEL'SKIY, O.I.; VOLKOV, L.G.; KUZNETSOV, M.P.; KUTSENKO, A.D., SOROKIN, A.A.; STAKHURSKIY, A.D.; TRUBITSYN, L.M.; TRUSEYEV, A.I.; SHAFRAN, I.K., inzh.; SHESTAK, P.I.; UL'YANOV, D.P.

Automatic control of converter smelting by means of computers.  
Stal' 23 no. 7:608-610 J1 '63. (MIRA 16:9)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz im. M.I. Arsenicheva (for Garger). 2. Institut kibernetiki AN UkrSSR (for Malinovskiy). 3. Zavod im. Dzerzhinskogo (for Shafran).

YUSHCHENKO, Yekaterina Logvinovna; MALINVSKIY, Boris Nikolayevich;  
POLISHCHUK, Galina Andreyevna; YADRENKO, Engelina  
Konstantinovna; NIKITIN, Andrey Ivanovich;

[The "Dnipro" control computer with a wide range of applica-  
tions and its programming programme programmer's manual]  
Upravliaiushchaia mashina shirokogo naznachenia "Dnipro"  
i programiruiushchaia programma k nei; spravochnik prog-  
rammista. Kiev, Izd-vo "Naukova dumka," 1964. 279 p.  
(MIRA 17:8)

1/11/64

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L 41182-65 EWT(d)/EWP(c)/EWP(v)/T/EWP(k)/EWP(l) Pf-4  
ACCESSION NR: AP5004677 S/0115/64/000/009/0058/0059

70  
18  
B

AUTHOR: none

TITLE: Fourth scientific and technical conference on "Cybernetics for the improvement of measurement and inspection methods"

SOURCE: Izmeritel'naya tekhnika, no. 9, 1964, 58-59

TOPIC TAGS: cybernetics, electric measurement, <sup>AM</sup> electric quantity instrument, digital computer, electronic equipment, electric engineering conference

ABSTRACT: The conference was held 1-4 July at the All-Union Scientific Research Institute of Metrology by the Section of Electrical Measurements of the Council on the Problem of "Scientific Instrument Making" of the State Committee on Coordination of Scientific Research Work in the USSR together with the All-Union Scientific Research Institute of Electrical Measurement Instruments and the Leningrad Regional Administration of the Scientific and Technical Division of the Instrument Making Industry. More than 400 delegates from 29 cities of the country participated. Fifty-seven reports were heard and discussed. Reports were given by: P. V. NOVITSKIY (Leningrad)--"Definition of the Concept of Informational Error in Measurement and its Importance in Practical Use" and "On the Problem of the Average Informational Criterion of Accuracy Throughout the Entire Scale of an Instrument"; Ya. A.  
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KUPERSHIMDT (Moscow)--"On Determination of the Criteria of Accuracy for Measurement Devices"; S. M. MANDEL'SHTAM (Leningrad)--report on a new criterion of accuracy of measurement instruments; P. P. PARSHIN (Leningrad)--report on optimization when using Fourier transforms on electronic digital computers; S. P. DMITRIYEV, G. Ya. DOLGINTSEVA and A. A. IGNATOV (Leningrad)--proposal of a new method for solving problems of optimum filtering for non-stationary random signals and interference; I. B. CHELPANOV--"Calculation of the Dynamic Characteristics of an Optimum Complex Two-Channel System which Uses Signals from a Position Meter and from a Speed Meter"; R. A. POLUEKTOV (Leningrad)--"Optimum Periodic Correction in the Measurement of Continuous Signals"; S. P. ADAMOVICH (Moscow)--"Analysis and Construction of Devices for Correction of Non-linearity and Scaling for Unitary Codes; G. V. GORBLOVA (Taganrog)--"A Method for Statistical Optimization in Graduating the Scales of Electrical Measuring Instruments"; M. A. ZEMEL'MAN (Moscow)--"Analog-Digital Voltage Converter with Automatic Error Correction"; B. N. MALINOVSKIY, V. S. KALEMCHUK and I. A. YANOVICH (Kiev)--"Automatic Monitoring of the Parameters of the Electrical Signals of Complex Radio and Electronic Equipment"; V. P. PEROV (Moscow)--"Operational Cybernetics as an Independent Scientific Specialization"; Ye. N. GIL'BO (Leningrad)--"On the Problem of Effective Non-linear Scales"; A. I. MARKELOV (Moscow)--"Devices for Preliminary Processing of the Results of Measurements Presented in the Form of

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ACCESSION NR: AP5004677

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Graphic Recordings For Subsequent Introduction of the Information into Universal Digital Computers"; O. M. MOGILEVER and S. S. SOKOLOV (Leningrad)--"On a Method for Reducing Excess Information"; T. V. NIKOLAYEVA (Leningrad)--"A Device for Temporal Discretization of Continuous Signals"; A. A. LYOVIN and M. L. BULIS (Moscow)--"Optimization of the Transmission of Telemetric Information as a Means for Raising the Efficiency and Eliminating Interference"; D. E. GUKOVSKIY (Moscow)--"On a Statistic Approach to the Detection of Events in Automatic Inspection"; M. I. LANIN (Leningrad)--"Method for Calculating the Holding Time of Communications in a Centralized Inspection System or Constant Servicing Time"; O. N. BRONSHTEYN, A. L. RAYKIN and V. V. RYKOV (Moscow)--"On a Single-Line Mass Service System with Losses"; V. M. SHLYANDIN (Penza)--report on circuit designs for direct compensation electrical digital measuring instruments; A. N. KOMOV (Novocherkassk)--report on a new method for compensation of digital bridges; M. N. GLAZOV (Leningrad)--report on the problem of voltage-to-angular rotation conversion; V. S. GUTNIKOV (Leningrad)--"Methods for Construction of Frequency Capacitance Pickups with a Linear Scale"; R. Ya. SYROPYATOVA and R. R. KHARCHENKO (Moscow)--report on the determination of the amplitude-frequency and phase characteristics of PFM and PWM modulators; Ye. I. TENYAKOV (Novocherkassk)--"The Phototransistor as a Switch for Electrical Measurement Purposes"; N. V. MALYGINA (Leningrad)--a report on ways for making universal equipment for measurement of current, voltage and power; P. P. ORNATSKIY and V. I. ZOZULYA (Kiev)--reports on the construction of static voltmeters, wattmeters and

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phase meters; A. V. TRIKHANOV, I. G. SHYSHLYAYEV, N. I. SABLIN, V. M. RAZIN and V. A. GORBUNOV (Tomek)--report on a device for automatic processing of the measurements of vibration amplitude of pneumatic hammers; L. K. RUKINA and V. G. KNORRING (Leningrad)--report on the development of a digital compensator for measuring pressure, force, etc.; M. B. DADUKINA (Leningrad)--report on a method for constructing frequency pickups for gas analysis; Ye. M. KARPOV, V. A. BRAZHNIKOV and B. Ya. LIKHITSINDER (Kuybyshev)--reports on analysis and recording of boring speeds; Yu. V. PSHENICHNIKOV (Kuybyshev)--"A High Speed Voltage-to-Digital Code Converter for ac Pickups"; G. P. VIKHROV and V. K. ISAYEV (Vilna)--"A Highly Accurate Digital Peak-to-Peak Voltmeter"; and S. M. PERSIN (Leningrad)--"A Low Level Analog-Digital Voltage Converter."

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE, EO

NO REF SOV: 000

OTHER: 000

JPRS

*ML*  
Card 4/4

MALINOVSKIY, B.N., kand.tekhn.nauk

Characteristics of the in roduction of computing equipment in  
the automatic con rol of production processes abroad. Avtom.  
i prib. no. 1:81-83 Ja-Mr '64. (MIRA 17:5)

MALINOVSKIY, B.N., otv. red.; NIKITIN, A.I., otv. red.;  
BEREZINETS, L.P., red.

[Cybernetic technology] Kiberneticheskaia tekhnika.  
Kiev, Naukova dumka, 1965. 165 p. (MIRA 18:9)

1. Akademiya nauk URSR, Kiev.

MALINOVSKIY, B.N., red.; PAVLENKO, V.N., red.

[Experience in the operation of the "Dnepr" digital control computer] Opyt ispol'zovaniia tsifrovoi upravliaiushchei mashiny "Dnepr." Pod red. B.N.Malinovskogo. Kiev. In-t tekhn. informatsii, 1965. 43 p. (MIRA 19:1)

BEKMURATOV, T.F.; MALIROVSKIY, P.N.; SKURIDIN, V.P.

Analog-digital multiplying units. Izv. AN Uz. SSR. Ser. tekhn.  
nauk 9 no. 6:2-13 '65 (MIRA 19:1)

1. Institut kibernetiki AN UkrSSR. Submitted June 25, 1965.

L 20677-66 EWT(d)/EWP(1) IJP(c) BB/GG  
ACC NR: AF6008680 SOURCE CODE: UR/0167/66/000/001/0017/0021

AUTHOR: Bekmuratov, T. F.; Malinovskiy, B. N.; Skuridin, V. P. 44  
D

ORG: Institute of Cybernetics AN UkrSSR (Institut kibernetiki AN UkrSSR); Institute of Mechanics and Computing Center AN UzSSR (Institut mekhaniki i Vychislitel'nyy tsentr AN UzSSR)

TITLE: Analog-digital multiplier 16C

SOURCE: AN UzSSR. Izvestiya. Seriya tekhnicheskikh nauk, no. 1, 1966, 17-21

TOPIC TAGS: computer component, analog digital converter, analog digital computer system

ABSTRACT: The authors describe an analog-digital multiplier based on a sequential counting cyclic converter with intermediate conversion of the analog quantity to a time interval. The input voltage (first cofactor) is converted to a time interval by comparison with a linearly variable compensating voltage whose slope is proportional to the magnitude of the second cofactor which is given in the form of a code. The resultant time interval, which is proportional to the product of the converted voltage and the code, is filled with fixed frequency pulses and calculated

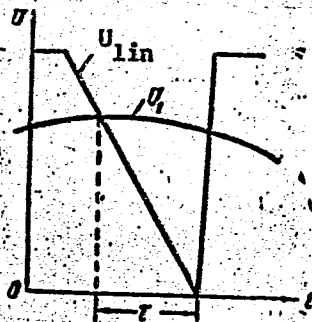
Card 1/2 2



L 20677-66

ACC NR: AP6008680

in the output counter. This method of multiplication is illustrated by the figure which shows the linear voltage  $U_{lin}$  and the voltage to be converted  $U_1$ . Voltage  $U_1$  is converted to the time interval  $\tau \approx U \cot \alpha$ .  $\cot \alpha$  is proportional to the RC time product of the linear voltage generator. Consequently,  $\tau = k_1 R C U_1$ . It is clear from this relationship that if either R or C is proportional to the second cofactor A,  $\tau$  will be proportional to the product  $A U_1$ , i. e.  $\tau = K A U_1$ . Block and schematic diagrams of the multiplier are given. RES-9 electromechanical relays with an operating frequency of 100 cps were used in the laboratory model of the analog-digital multiplier. The time required for a single multiplication using relays of this type is 10 msec. Orig. art. has: 3 figures.



SUB CODE: 09/

SUBM DATE: 15Sep65/

ORIG REF: 002/

ATD PRESS: 4223

[14]

Card 2/2 BK

L 47043-66 EWT(d)/EWP(1) IJP(c) BB/GG  
ACC NR: AP6015880 SOURCE CODE: UR/0167/65/000/006/0008/0013

AUTHOR: Bekmuratov, T. F.; Skuridin, V. P.; Malinovskiy, B. N.  
ORG: Institute of Cybernetics, AN Ukr SSR (Institut kibernetiki AN Ukr SSR)

50  
B

TITLE: Analog-digital multiplication systems

SOURCE: AN Ukr SSR, Izvestiya. Seriya tekhnicheskikh nauk, no. 6, 1965, 8-13

TOPIC TAGS: analog digital conversion, analog digital computer system, electron multiplier

ABSTRACT: The report reviews operating principles of analog digital computer systems. Grouping these by type of output (i. e., in analog or digital form), the authors attempt a classification by the method underlying the "analog to code" and "code to analog" conversions. Six design principles are illustrated. It is concluded that a cyclical program of converting analog magnitudes by successive registration of single increments with intermediate conversion to frequency or time intervals offers the most effective approach to systems with a digital output. Widespread employment of the comparison and readout approach will require a simplification of its current complexity. Multiplication of digital codes by analog magnitudes, utilizing analog-to-code converters in which the multiplication is accomplished during the conversion process, permits maintenance of accuracy levels typical of the converting system itself.

L 47043-66

ACC NR: AP6015880

Orig. art. has: 3 figures.

SUB CODE: 09/ SUBM DATE: 25Jun65/ ORIG REF: 009/ OTH REF: 002

Card 2/2 ULR

L 47371-66 EWP(d)/EMP(1) LJP(c) BB/GG

ACC NR: AP6030622

SOURCE CODE: UR/0413/66/000/016/0110/0110

INVENTOR: Bekmuratov, T. F. ; Malinovskiy, B. N. ; Skuridin, V. P.

ORG: none

TITLE: Multiplier Class 42, No. 185120 [announced by Cybernetics Institute AN UkrSSR (Institut kibernetiki AN USSR)]

SOURCE: Izobreneniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 110

TOPIC TAGS: electron multiplier, analog digital converter, analog factor, comparison circuit, digital resistor, voltage generator

ABSTRACT: The proposed multiplier shown in Fig. 1 has a digital output and an analog-to-digital converter which fills an interval of time proportionate to the value of the analog factor. The converter includes a generator of linearly variable voltage, a comparison circuit, a valve, a counter, and a controlled digital resistor. To simplify the device, the digital resistor controlled by the digital factor code is connected in parallel to a time-setting capacitor in the circuit of the generator of linearly variable voltage. Orig. art. has: 1 figure. [Translation] [DW]

Card 1/2

UDC: 681.142.07

L 47371-66

ACC NR: AP6030622

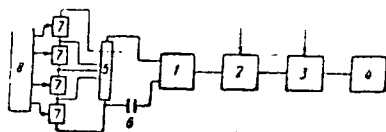


Fig. 1. Multiplier.

1—Generator of linearly variable voltage; 2—comparison circuit; 3—valve; 4—counter; 5—controlled digital resistor; 6—time-setting capacitor; 7— register valves; 8—digital factor register

SUB CODE: 09/ SUBM DATE: 16Feb65/

Card 2/2

mjs

**В. М. Пестерев**  
Эффективность и помехоустойчивость некоторых методов обратной передачи сигнала

**В. М. Толкачев**  
Помехоустойчивость приема на схеме Шюп

**2 СЕКЦИЯ АНТЕННЫЕ УСТРОЙСТВА**  
Руководитель А. Р. Балагурт  
9 июня  
(с 10 до 16 часов)

**В. А. Кружков**  
Вопросы радиотехнической безопасности в сетях для телевидения в УКВ диапазоне

**А. М. Мостин**  
**С. А. Афанасьев**

Алгоритмы оптимальной связи для разнесенных антенн, многолучевая трактовка разнесенных антенн в трансформации

**В. Е. Караченко**  
Литера для линий связи с использованием ствол или монофазного расщепления

**Л. К. Сидорин**  
Диагностика конфигурации антенны безлучевых волн

**А. А. Метрихин**  
Исследования волноводов круглого сечения для радиотехнических антенн

9 июня  
(с 18 до 22 часов)

**В. М. Андреевич**  
**Л. Д. Бирин**  
**И. С. Бончаров**

К вопросу о влиянии пространственной структуры на диаграмму направленности излучателя, размещенного по области поверхности

**В. А. Козлов**  
Изменение картины диаграммы направленности антенны по изменению геометрии излучателя

**В. М. Шеломович**  
Исторические случаи расщепления радиосигналов при распространении в атмосфере

**В. В. Гуров**  
Дифракция электромагнитных волн на поверхности с периодическими возмущениями

**М. Д. Хаскина**  
Возбуждение поверхностных волн на плоской структуре

report submitted for the Confidential Meeting of the Scientific Technological Society of  
Radio Engineering and Electrical Communications in A. S. Popov (YEMER), Moscow,  
8-12 June, 1959

L 39947-66 FSS-./EWT(L) RB/WR

ACC NR: AP6014682

SOURCE CODE: UR/0108/65/020/012/0014/0021

AUTHOR: Malinovskiy, B. P. (Active member)

ORG: Scientific and Technical Society of Radio Engineering and Electrocommunication  
(Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi)

TITLE: Method for determining scattering properties of shaped convex conducting bodies

SOURCE: Radiotekhnika, v. 20, no. 12, 1965, 14-21

TOPIC TAGS: radar, radar target, electromagnetic wave scattering

ABSTRACT: An approximate method is proposed for determining <sup>24</sup>radio-wave back scattering by one or more convex bodies (targets) of any shape, when the linear size of the body exceeds the radio wavelength and when the target-surface radius of curvature exceeds the half-wavelength. The back scatter is determined through the effective planar section of the target, by using the Huygens principle and neglecting fringe effects; the method allows for the scatter-wavelength relation. Experiments have shown that the fringe effect can be neglected if  $\lambda / r < 2$ , where  $r$  is the radius of

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L 39947-66

ACC NR: AP6014682

curvature of the target fringe; actually, the fringe effect must be taken into account only when  $\lambda/r > 10$ . Formulas are developed for the scattering by a right circular cylinder, a sphere, a right circular cone; other shapes can be handled by approximating their parts with simpler shapes. Theoretical and experimental characteristics of ellipsoids of revolution practically coincide; those of a paraboloid of revolution and of two barrel-shaped bodies are in good agreement. A technique is offered for approximating aircraft-type shapes. Orig. art. has: 6 figures and 14 formulas.

SUB CODE: 17 / SUBM DATE: 30Nov63 / ORIG REF: 004 / OTH REF: 001

Card 2/2 *RLB*



ANDREYEV, B.I.; BORISOV, I.G.; LEDOVSKIKH, S.I.; MALINOVSKIY, E.P.; SAV-  
CHENKO, N.A.; LYUDSKOV, B.P., red.; EL'KINA, F.M., tekhn. red.

[Geography of the manufacture of food products in the U.S.S.R.]  
Geografiia proizvodstva prodovol'stvennykh tovarov SSSR. By B.I.  
Andreev i dr. Moskva, Gos. izd-vo torg. lit-ry, 1961. 170 p.  
(MIRA 14:10)

(Food industry)

ANDREYEV, B.I.; LEDOVSKIKH, S.I.; MALINOVSKIY, E.P.; SAVCHENKO,  
N.A.; SKOBEYEV, D.A.; TARANENKO, Ye.A.; SERGEYEVA, A.S.,  
tekhn. red.

[Distribution of light industry of the U.S.S.R.] Razmeshche-  
nie otraslei legkoi promyshlennosti SSSR. Moskva, In-t narod-  
nogo khoz., 1963. 136 p. (MIRA 16:9)

1. Prepodavateli kafedry ekonomicheskoy geografii Moskovskogo  
instituta narodnogo khozyaystva im. G.V.Plekhanova (for all  
except Sergeyeva).

(Russia--Manufactures) (Industries, Location of)

ANDREYEV, B.I.; VORONTSOVA, A.N.; DANILOV, A.D.; KISTANOV, V.V.;  
KOSIENNIKOV, V.M.; KUSHNER, A.I.; LEDOVSKIKH, S.I.;  
LESNOV, M.F.; MALINOVSKIY, E.P.; MOSKOVA, N.V.; MUKHIN,  
G.I.; PASHKEVICH, V.I.; RZHEVUSKAYA, D.M.; SAVCHENKO, N.A.;  
SKOBEYEV, D.A. [deceased]; LISOV, V.Ye., red.;  
SAZANOVICH, N.K., red.

[Economic regions of the U.S.S.R.] Ekonomicheskie raiony  
SSSR. Moskva, Ekonomika, 1965. 589 p. (MIRA 18:6)

1. Moscow. Institut narodnogo khozyaystva. 2. Kafedra  
ekonomicheskoy geografii Moskovskogo instituta narodnogo  
khozyaystva im. G.V.Plekhanova (for all except Lisov,  
Sazanovich).

MALINOVSKIY, E.V.; GLADYSH, A.L.; KALINICHENKO, L.A.

Data input and output in the electronic computer "Ural" by  
means of the ST-A equipment. Avtom.i prib. no.1:35-38 Ja-Mr  
'62. (MIRA 15:3)

1. Vychislitel'nyy tsentr AN USSR.  
(Electronic calculating machines)

MALINOVSKIY, F. M.

MALINOVSKIY, F. M. - "Sulfur-bearing Phosphorites of Podolia." Min of Geology and Conservation of Mineral Resources, All-Union Inst of Mineral Raw Material, Moscow, Gosgeoltekhizdat, 1955 (Dissertations For the Degree of Candidat of Geological-Mineralogical Sciences)

SO: Knizhnaya Letonis' No. 26, June 1955, Moscow

MALINOVSKIY, F.M.

2

USSR.

Sulfide-bearing phosphorites of Podolia. F. M. Malinovsky. *Zapiski Vsesoyuz. Mineralog. Obshchestva* 84, 30-42 (1956). CH

The famous occurrence of phosphorite (I) nodules in the basin of the Dniester River is remarkable because of intergrowths of galena, sphalerite, and of very small globules of pyrite and chalcocopyrite. The phosphorite material is identified as a typical F apatite, with  $a_c = 0.40 \pm 0.05$ ;  $r_c = 7.80 \pm 0.05$  A, and 2.50-3.50% F, traces of Cl, and 0.6 to 1.8% CO<sub>2</sub>. The sulfide-bearing concretions are chiefly found in the upper horizons of the productive Ushitsk complex (lower Paleozoic); Pb, Zn, and Cu are observed in amounts totaling several per cent. The structure of the nodules is typically radial fibrous. There is often observed a "collomorphic" reniform-botryoidal structure, with kaolin, quartz, and the sulfides in the interstices between the botryoids. Typical analyses of I and of the slates in which they are embedded are given. Ni, Co, Zr, Cu, Pb, Zn, Se, V, Yb, Li, Cd, Ag, and Sn are identified as accessory elements. Org. material which is high in the slates is also observed in I. The sulfides are coned, only as late infiltration products in the diagenetic cycle, following the contraction fissures in the crystal gels. The galena has a slight content of Ag, Bi, Mo, and Sb. The sphalerite contains 0.25% Cd, with Cu, Ga, Ge, and Y as trace elements. No hydrothermal activity which might explain the infiltration of the heavy metal sulfides is indicated in the I horizons. W. Eitel

Handwritten initials or signature.

GARFIAS, V.R.; CHAPIN, T.C.; SVET, Ya.M.[translator]; MALINOVSKIY, F.M.,  
redaktor; ENFIN, M.L., redaktor izdatel'stva; GUBOVA, O.A., tekhnicheskij redaktor

[Geology of Mexico. Translated from the Spanish] Geologiya Meksiki.  
Perévod s ispanskogo IA.M.Sveta. Pod red. F.M.Malinovskogo. Moskva,  
Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956.  
149 p. (MLBA 9:11)

(Mexico--Geology)

*МАЛИНОВСКИЙ, Ф.М.*  
MALINOVSKIY, F.M.

Academician Anatolii Georgievich Betekhtin. Sov. geol. no.58:  
3-7 '57. (MIRA 11:2)

1. Ministerstvo geologii i okhrany neдр SSSR.  
(Betekhtin, Anatolii Georgievich, 1897-)



SOV/7-59-2-14/14

3(8)

AUTHOR: Malinovskiy, F. M.

TITLE: News in Brief (Kratkiye soobshcheniya) - Isotope Composition of Lead in the Sulfide-containing Phosphorites of Podolia (Izotopnyy sostav svintsa iz sul'fidonosnykh fosforitov Podolii)

PERIODICAL: Geokhimiya, 1959, Nr 2, pp 191-192 (USSR)

ABSTRACT: Sulfide-containing phosphorite concretions are widely spread in the Khmel'nitskaya, Vinnitskaya and Chernovitskaya oblasts of the Ukrainskaya SSR; they occur in fine-scaled Cambrian-Silurian argillites. At the author's request the isotope composition was investigated by means of the mass spectrometer by G. R. Rik in the Radiyevyy institut AN SSSR (Radium Institute AS USSR). This investigation showed the following results:

204	206	207	208
1	20.18 ± 0.1	15.98 ± 0.1	38.09 ± 0.2

This composition deviates considerably from the isotope composition of lead of similar age tabulated here. The radiogenic isotopes, especially  $Pb^{206}$  and  $Pb^{207}$ , are present in a concentration considerably lower than that of the lead samples

Card 1/2

SOV/7-59-2-14/14

News in Brief. Isotope Composition of Lead in the Sulfide-containing  
Phospherites of Podolia

investigated by Rik. There are 1 table and 5 references, 3  
of which are Soviet.

ASSOCIATION: Vsesoyuznyy institut mineral'nogo syr'ya, Moskva  
(All-Union Institute of Mineral Raw Materials, Moscow)

SUBMITTED: October 29, 1958

Card 2/2

USCOM-DC-60969

AMIRASLANOV, A.A.; BOGDANOV, A.A.; MALINOVSKIY, F.M.; SHCHERBAKOV, S.A.

Academician Kanysh Imantaevich Satpaev; on his 60th birthday.  
Sov.geol. 2 no.7:150-152 J1 '59. (MIRA 13:1)  
(Satpaev, Kanysh Imantaevich, 1899-)

AL'T GAUZEN, M.H.; AMIRASLANOV, A.A.; VOL'FSON, F.I.; KREYTER, V.H.;  
LEVITSKIY, O.D.; MALINOVSKIY, F.M.

Academician Iosif Fedorovich Grigor'ev; on the 70th anniversary  
of his birth. Sov. geol. 3 no. 9:162-165 S '60.

(MIRA 13:11)

(Grigor'ev, Iosif Fedorovich, 1890-)

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;  
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;  
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,  
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,  
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-  
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;  
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,  
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,  
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;  
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,  
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po  
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.  
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii ko-  
mitet.

MALINOVSKIY, G.

Kakoi avtomat nam nuzhen? (Samolet, 1937, no. 6, p. 25-26, illus.)

Title tr.: What kind of automatic opening devices for parachutes  
do we need?

TL504.S25 1937

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955.

AID P - 4885

Subject : USSR/Aeronautics - Helicopters  
Card, 1/1 Pub. 58 - 5/14  
Authors : Malinovskiy, G. and B. Zemskov  
Title : New records of the Helicopted Mi-4  
Periodical : Kryl. rod., 7, 8-9, J1 1956  
Abstract : The first part of the article narrates a **flight** of the Mi-4, with a load of 1000 kgs, to the altitude of 6048 m., a performance registered as a world record. The second part, under the separate title "We are Satisfied with the Results", describes a 500 km. speed-record flight of the same helicopter, accomplished at the average ground speed of 187.24 km/h. One close-up, 2 photos.  
Institution : None  
Submitted : No date

YEMEL'YANOV, Yu.; MALINOVSKIY, G.

"DOSAAF-1" outboard motor boat. Voenn. znaniya. 31 [i.e. 32] no.4:  
24-25 Ap '56. (MLBA 9:8)

(Outboard motorboats)



MALINOVSKIY, G.

Model of the "Su-104" airplane. Kryl. rod. 0 no. 4:22-23 Ap '57.  
(MLRA 10:6)

(Airplanes--Models)

SOV/85-58-11-23/33

AUTHOR: Malinovskiy, G.

TITLE: First Place Was Not Won (Pervenstvo ostalos' nerazygrannym)

PERIODICAL: Kryl'ya rodiny, 1959, Nr 11, pp 23-24 (USSR)

ABSTRACT: The author tells of the XXII All-Union Glider Piloting Competitions, which represented part of the All-Union Spartacus Games and were held in the Ukrainian city of Sumy in August of 1958. The standard glider training model "Primorets" was used by 17 teams of contestants each consisting of 2 men and 1 woman. According to the author, many circumstances contributed to the fact that no one won the absolute USSR championship in glider piloting or the cups to be awarded by the Central Committees of the VLKSM and DOSAAF. He attributes the unsatisfactory performance of contestants to faulty organization of the exercises, the ill-advised selection of the month of August for glider piloting in that area, the inadequate preparatory training of many participants, some of whom had never engaged in the scheduled exercises, and most of all the lack of all political and educational supervision of the group throughout the duration of the competitions.

Card 1/1

PHASE I BOOK EXPLOITATION 30V/0020

Artsmodellizm, sbermik stroye. Posobie dlya rukovodiviteley aviomodel'nykh kruzhkov i uchitel'ey (Arts Modeling: Collection of Articles. Textbook for Instructors of Model Aircraft Clubs and Teachers) Moscow, Uchpedgiz, 1960. 141 p. 12,000 copies printed.

Compilers: K.B. Mikhutunov, Candidate of Technical Sciences, and N.S. Leshchinskiy, Candidate of Technical Sciences; Ed.: A.I. Stetschurskiy, Tech. Ed.: V.I. Komneyeva.

PURPOSE: This book is intended for instructors and directors of model airplane clubs sponsored by DOKMAY (All-Union Voluntary Society for Promotion of the Army, Navy, and Air Force).

COVERAGE: The book consists of 47 articles covering various aspects of model aircraft design, construction and operation. The text contains many illustrations and diagrams. No personalities are mentioned. There are 185 references, all Soviet.

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MALINOVSKIY, G.

MALINOVSKIY, G.

Beginning of a great expansion. Kryl.rod. 11 no.9:8-11 S  
'60. (MIRA 13:9)

(Gliding and soaring)

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USSR / Cultivated Plants. Grains. Legumes. Tropical M-1  
Cereals.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6258

Author : Malinovskiy, G. A.

Inst : Chelyabinsk Agricultural-Experimental Station

Title : Experimental Cultivation of Sorghum

Orig Pub : Byul. nauchno-tekhn. inform. Chelyab. gos.  
s.-kh. opytn. st., 1958, No 1, 41-43

Abstract : Data on comparative testing of Chinese sugar  
cane (*Sorghum saccharatum*) and grain sorghum,  
corn, Sudan grass and mohar as grain crops  
are given. Chinese sugar cane can be recommend-  
ed for production testing in Chelyabinskaya  
Oblast' as a drought resistant crop, giving

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USSR / Cultivated Plants. Grains. Legumes. Tropical M-1  
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comparatively high yields of green mass. --  
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Card 2/2

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