

MALYUGINA, L. L.

Some experimental morphological data on a new strain of trans-
plantable leukosis in mice (LIO-2). Vop. onk. 5 no.12:719-722 '59. ←
(LEUKEMIA) (MIRA 13:12)

MALYUGINA, L. L., Candidate Med Sci (diss) -- "Experimental-morphological investigation of tumors caused by 2-acetylaminofluorene". Leningrad, 1959. 14 pp (Min Health USSR, Central Sci Res Inst of Med Radiology), 150 copies (KL, No 25, 1959, 141)

MALYUGINA, L.L., MIRONOVA, A.I., FEDOROV, Vikt. K. SHABAD, L.M.

Significance of typological characteristics of the higher nervous activity in the appearance and development of mouse mammary carcinoma [with summary in English]. Biul.eksp.biol. i med. 45 no.6:85-89 Je '58 (MIRA 11:8)

1. Iz laboratorii eksperimental'noy genetiki vysshey nervnoy deyatel'nosti (zav. V.K. Krasuskiy) Instituta fiziologii im. I.P. Pavlova (dir. akad. K.M. Bykov) AN SSSR i laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent AMN SSSR L.M. Shabad) Instituta onkologii (dir. - chlen-korrespondent AMN SSSR A.I. Serebrov) AMN SSSR, Leningrad. Predstavlena dystvitel'nyy chelnom AMN SSSR V.N. Chernigovskim.

(NEOPLASMS, experimental,
mouse mammary carcinoma, eff. of type of higher nerv.
activity (Rus))

MALYUGINA, L.L., OBRAZTSOVA, G.A.

Development of malignant tumors in rabbits with various typological characteristics of the nervous system [with summary in English].
Zhur.vys.nerv.deiat. 8 no.5:758-765 S-0 '58 (MIRA 12:1)

1. Laboratoriya sravnitel'nogo ontogeneza vysshey nervnoy deyatel'nosti
Instituta fiziologii im. I.P. Pavlova AN SSSR i laboratoriya
eksperimental'noy onkologii Instituta onkologii AMN SSSR.

(NEOPLASMS, exper.

carcinogenesis in rabbits with various types of NS
(Rus))

(CENTRAL NERVOUS SYSTEM, physiol.

types, related to exper. carcinogenesis in rabbits
(Rus))

MALYUGINA, L.I. (Leningrad, 105, ul. Reshetnikova, d. 13/2, kv. 37)

Transplantable alveolar mucous carcinoma of the liver in rats. Vop. onk.
4 no.5:600-604 '58. (MIRA 12:1)

1. Iz laboratorii eksperimental'noy onkologii (zav. chl.-korr. AMN SSSR
prof. L.M. Shabad) Instituta onkologii AMN SSSR (dir. - deystv.chl.AMN
SSSR prof. A.I. Serebrov)

(NEOPLASMS, experimental,

transplantable alveolar mucous liver carcinoma (Rus))

MALYUGINA, L.L. (Leningrad, M-105, ul. Reshetnikova, d.13/2, kv. 37)

Tumors in hamsters induced by 2-acetylaminofluorene [with summary in English]. Vop.onk. 4 no.3:279-283 '58 (MIRA 11:8)

1. Iz laboratorii eksperimental'noy onkologii (zav. - chlen-korrespondent AMN SSSR prof. L.M. Shabad) Instituta onkologii AMN SSSR (dir. - dyestvitel'nyy cheln AMN SSSR prof. A.I. Serebrov).

(FLUORENE, rel opds.

2-acetylaminofluorene, induction of exper. cancer in hamsters (Rus))

MALYUGINA, L.L.; PROKOF'YANVA, O.G.

Oncological characteristics of C₃HA mice. Vop.onk. 3 no.2:197-203
'57. (MLRA 10:6)

1. Iz laboratorii eksperimental'noy onkologii (zav. - chl.-korr.
Akademii meditsinskikh nauk SSSR prof. L.M.Shabad) Instituta
onkologii Akademii meditsinskikh nauk SSSR (dir. - chl.-korr.
Akademii meditsinskikh nauk SSSR prof. A.I.Serebrov)
(NEOPLASMS, exper.
oncol. characteristics of high cancer line C₃HA mice
(Rus))

USSR / General Problems of Pathology. Tumors. Compara- U
tive Oncology. Animal Tumors.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51709.

Author : Malyugina, L. L.; Medvedev, N. N.

Inst : ~~Not given.~~

Title : On the Oncological Characteristics of Mice of
the Leukemic Afb Strain.

Orig Pub: Vopr. onkologii, 1956, 2, No 3, 308-311.

Abstract: Observations during more than 8 years of the
leukemic strain of Afb demonstrated that the
total percentage of morbidity during 1947-1948
year was 42.57%, during 1952-1955-67.44%; females
have greater morbidity than males. Lymphatic and
hemocytoblastic leukemia was observed 3 times
less than myeloid leukemia. The earliest cases
of morbidity were observed in 4 month old mice,

Card 1/2

MALYUGINA, L.L. (Leningrad, Petrogradskaya storona, Bol'shoy pr. d.70/72
kv. 43)

Testing the possible carcinogenic action of certain bitumens. Vop.
onk. 1 no.3:105-110 '55. (MLRA 10:1)

1. Iz laboratorii eksperimental'noy onkologii (zaveduyushchiy -
chlen-korrespondent AMN SSSR prof. L.M.Shabad) Instituta onkologii
AMN SSSR (direktor - chlen-korrespondent AMN SSSR prof. A.I.Serebrov)
(CARCINOGENS, determination,
in bitumen)
(BITUMEN, effects,
carcinogenic)

~~MALYUGINA, L.I.~~ MIRONOVA, A.I.; FEDOROV, V.K.; SHABAD, L.M.

Significance of typologic characteristics of the higher nervous function in the formation and development of tumors produced by carcinogens in mice. Biul. eksp. biol. i med. 38 no.9:65-68 S '54.
(MLRA 7:12)

1. Iz laboratorii eksperimental'noy genetiki vysshey nervnoy deyatelnosti (zav. V.K.Krasuskiy) Instituta fiziologii imeni I.P.Pavlova (dir. akademik K.M.Bykov) AN SSSR i laboratorii eksperimental'noy onkologii (zav. chlen-korrespondent AMN SSSR prof. L.M.Shabad) Instituta onkologii (dir. chlen-korrespondent AMN SSSR prof. A.I. Serebrov) AMN SSSR, Leningrad.

(NEOPLASMS, experimental,
higher nervous funct. in, role in form. & develop. of tumors)

(CENTRAL NERVOUS SYSTEM, function tests,
typing of higher nervous funct., role in form & develop. of exper. tumors)

KIRILIOV, V.V.; MALYUGIN, Yu.S.

Local heat transfer during gas flow in tubes at high
temperature heads. Teplofiz. vys. temp. 1 no.2:254-
259 S-0 '63. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur.

MALYUGIN, Ye. A. (Deceased); SMIRNOV, V. A., and SHAKHNOVICH, A. V.,

"Changes in the Local Climate and Moisture Cycles of Cultivated Areas as a Result of Irrigation Conducted to Combat Drought," p.116, in book Droughts in the USSR, Their Origin, Frequency, and Effect on Crops, Leningrad, Gidrometeoizdat, 1958. 206 p.

Agrometeorological Div., All-Union Plant Cultivation Inst.

AGAFONOV, S.L.; ALEKSEYEVA, A.N.; BELLYUSTINA, L.N.; GOLOV, I.I.;
GUSEV, O.V.; DMITRIYEVA, V.I.; YEVLAMPIYEVA, F.A.;
YELISEYEV, A.I.; ZHAVORONKOV, N.A.; ZHARKOV, S.A.;
KIR'YANOV, I.A.; KRAYNOV, L.A.; KUSTOV, K.L.; LEOV, F.A.;
LIPATOV, N.A.; LIPOVETSKIY, I.A.; MALYUGIN, V.N.; MARINOV,
N.N. [deceased]; MIKHAYLOV, A.N.; POTAPOVA, Ye.D.;
TRUKHMANOV, G.A.; UKHIN, V.A.; FILIPPOV, V.A.; CHEBURASHKIN,
A.M.; SHKOTOV, A.T.; GARANINA, L.F., kand. fil. nauk

[The city of Gorkiy; a guidebook] Gorod Gor'kii, Volgo-
Viatskoe knizhnoe izd-vo, 1964. 374 p. (MIRA 17:12)

MALYUGIN, Vladimir Ivanovich, kand. ekon. nauk; TSYGANKOV,
I.I., nauchn. red.

[Effectiveness of using precast lightweight concrete
elements in construction] Effektivnost' primeneniia v
stroitel'stve sbornykh konstruktsii iz legkikh beto-
nov. Moskva, Stroiizdat, 1965. 54 p. (MIRA 18:6)

MALYUGIN, V.I.

Price-list rates and their role in lowering construction costs
and shortening building time. Trudy MIEI no.15:408-418
'61. (MIRA 14:12)

1. Nachal'nik sektora smetnykh norm Gosstroya SSSR.
(Construction industry--Costs)

MALYUGIN, V.I.; YEFREMOV, S.A., kand. tekhn. nauk; REYNIN, S.N.;
TURIANSKIY, M.A.; ARISTOV, S.S.; BUKSHEYN, D.I.; DUNAYEV,
Ye.S.; GIROVSKIY, V.F., glav. red.; USPENSKIY, V.V., zam.
glav. red.; BASHINSKIY, S.V., red. [deceased]; GORBUSHIN,
P.B., red.; GUREVICH, M.S., red.; LEYKIN, B.P., red.;
MITIN, S.A., red.; GLAZUNOVA, Z.M., red. izd-va; GERASIMOVA,
G.S., red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Manual on estimates in the construction industry] Spra-
vochnik po smetnomu delu v stroitel'stve. Moskva, Stroi-
izdat. Pt.1. 2 izd., dop. 1 perer. 1964. 521 p.

(MIRA 17:3)

1. Moscow. Nauchno-issledovatel'skiy institut ekonomiki
stroitel'stva.

REZNIKOV, Aron Izrailevich; ZAKHARASHEVICH, A.A., nauchn. red.;
MALYUGIN, V.I., red.; USPENSKIY, V.V., red.; LEYKIN,
B.P., red.; SHASS, M.Ye., red.

[Determining the cost of assembly operations in the
construction] Opredelenie stoimosti montazhnykh rabot v
stroitel'stve. Moskva, Stroiizdat, 1964. 117 p.
(MIRA 17:12)

YEKEL'CHIK, Moisey Solomonovich; KAMINER, Natan Semenovich;
SOSNOV, Rudol'f L'vovich; SHEKHTMAN, Aron Yudkovich;
KAZANSKIY, B.M., nauchn. red.; LEYKIN, B.P., red.;
MALYUGIN, V.I., red.; USPENSKIY, V.V., red.; SHASS,
M.Ye., red.; GERASIMOVA, G.S., red.

[Improving the economic work of contracting organiza-
tions] Sovershenstvovanie ekonomicheskoi raboty podriad-
nykh organizatsii. Moskva, Stroiizdat, 1964. 96 p.
(MIRA 18:1)

KOCHEV, V.A.; KRAKOVICH, A.A.; CHULKEVICH, P.F.; MALYUGIN, V.I.,
nauchn. red.; SHAPIRO, S.L., red.

[Estimation on finished structural work] Raschety za-
konchennuiu stroitel'nyu produktaiu. Leningrad, Stroi-
izdat, 1964. 53 p. (MIRA 17:6)

MALYUGIN, Vladimir Ivanovich; USPENSKIY, V.V., nauchnyy red.; MORSKOY, K.L., red. izd-va; KASIMOV, D.Ya., tekhn. red.

[The economics of using precast reinforced concrete in construction] Ekonomika primeneniia sbornogo zhelezobetona v stroitel'stve. Izd.2. dop. i ispr. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 213 p. (MIRA 15:4)
(Precast concrete construction--Costs)

MALYUGIN, Vladimir Ivanovich; USPENSKIY, V.V., red.; TARAYEVA, Ye.K.,
red. izd-va; SOLNTEVA, L.M., tekhn.red.; MEDVEDEV, I.Ya.,
tekhn.red.

[Effectiveness of using precast reinforced concrete in construction]
Effektivnost' primeneniya sbornogo zhelezobetona v stroitel'stve.
Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam,
1958. 200 p. (MIRA 12:1)
(Precast concrete construction)

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SUB CODE: 09 / SUBM DATE: 05Nov65 / ORIG REF: 008 / OTH REF: 002

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F 31564-66 BWT(1) TG/GD
 Acc No AT6006213

SOURCE CODE: UR/0000/65/000/000/0096/0103

AUTHOR: Malyugin, V. D.

ORG: None

TITLE: The reliability of one-cycle functional circuits

SOURCE: AN SSSR. Institut avtomatiki i telemekhaniki. Tekhnicheskaya kibernetika
 (Technical cybernetics). Moscow, Izd-vo Nauka, 1965, 96-103

TOPIC TAGS: computer circuit, computer research, computer component, circuit reliability, reliability theory

ABSTRACT: The author investigates a functional element circuit, F, which realizes the Boolean function $f(x) = f(x_1, x_2, \dots, x_n)$. "And," "or," and "not" elements are used. The reliability of the system F is determined with prescribed reliability distributions of input signals x_i and malfunctions ξ_j . The method proposed may be extended to certain special cases. The number of operations necessary for performing the calculations of reliability is considerably smaller than that used in other known methods (M. Kochen. Extension of Moore-Shannon model for Relay Circuits. IBM, Journal of Research and Development, v. 3, 1959, N. 2, p. 169-186; A. Sh. Blokh. Onadezhnosti kontaknykh skhem. —AiT, 1962, 23, No. 12) for contact circuits, or for circuits composed of functional elements with "symmetric" malfunctions (M.K. Chirkov. O nadezhnosti logicheskikh pereklyuchatel'nykh skhem. —Vychislitel'naya tekhnika i programirovaniye. Izd. Leningr. un-ta, 1963, No. 2). Orig. art. has: 32 formulas.

Card

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ACQUISITION NO. 42408350

ASSOCIATION none

SUBMITTED: 24 Jan 68

NO. OF PAGES 812

ENCL: 00

SUB CODE: MA

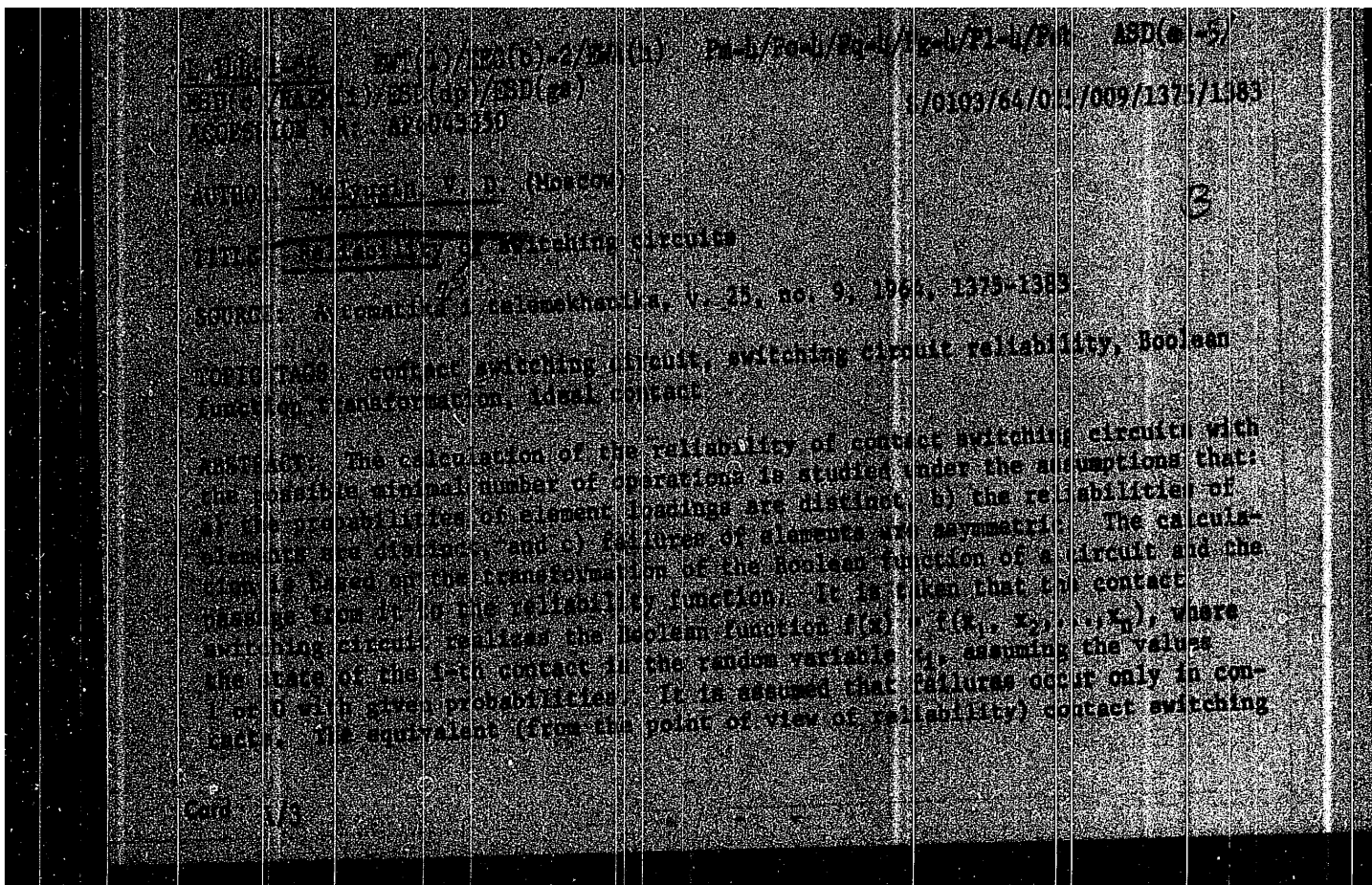
OTHER: 004

1. Introduction
 2. Methodology

circuits are described by the Boolean function $f(x) = f(x_1, x_2, \dots, x_n)$ is obtained from $f(x)$ by substituting every element x_i by superposition of α_i , β_i , and γ_i according to a certain formula where α_i characterizes the contact operating without failures, β_i characterizes the contact operating with failures due to a short circuit in the element, and γ_i characterizes the contact operating with failures due to a cut-off in the contact circuit. In the case of ideal contacts, it is taken that the circuit realizes the function $f(x) = f(x_1, x_2, \dots, x_n)$. The failure of the circuit at a certain instant t is considered as an event Z which occurs when the values of $f(\alpha)$ and $f(\beta)$ do not coincide. The probability of no-failure operation of the circuit for an event Z at any instant t is considered as the reliability of the circuit and is determined from the formula:

$$h(t) = h(\alpha)h(\beta) + h^*(\alpha)h^*(\beta) \quad (1)$$

where $h(\alpha)$ and $h(\beta)$ are the probabilities of $f(\alpha)$ assuming the values 1 or 0, respectively, and $h^*(\alpha)$ and $h^*(\beta)$ are the probabilities of $f(\beta)$ assuming the values 1 or 0, respectively, when $f(\alpha)$ is equal to 1 or 0. Methods for calculating probabilities at the right-hand side of (1) are presented. Four examples illustrate the theory. Orig. art. has 26 formulas.



each element p_i and probability $1-p_i$ to each element q_i are
independently the probability of opening the circuit when all relays are
closed. The reliability of the S-circuit is defined in terms of $h(p)$ and $h(q)$
function. Fig. art. has 2 figures and 20 formulas.

ASSOCIATION none

SUBMITTED 06 Jun 64

ENCL: 00

FILE CODE: DG, DP

NO REF SOV: 001

OTHER: 003

06/2/64

0010/121051-2/00 (1) 00-1/004/004/00-1/01-0/00 ASD(0-5)

are assumed to be different and the reliabilities of a component in the closed and open states are also different. Fundamental properties of the reliability function $h(p)$ borrowed from V. M. Glushkov's book "Synthesizing Digital

Eng. 1/7

1/10/65

ACCESSION NR: A74047740

Automata. The reliability $h(p)$ are analyzed. This function determines the probability of closing the pole-to-pole circuit when all relays are energized. It is found that the reliability function is a substitute of a Boolean function $f(x)$ for the circuit. An iterative diagram F which coincides with f but has been transformed according to a deMorgan rule in which probability p_i corresponds to each element x_i and probability $1-p_i$ to each element \bar{x}_i . A second function $h(q)$ is defined as the probability of opening the circuit when all relays are energized. The reliability of the circuit is defined in terms of $h(p)$ and $h(q)$.

CLASSIFICATION: CONFIDENTIAL
Accession No. AT 04/740
S/0000/54/000/000/0054/0058

AUTHOR: Malykh, V. D.

TITLE: Some problems of analysis and synthesis of reliable switching circuits

SOURCE: AN SSB, Izvestiya Vuzov, Elektronika i Telemekhanika, Teoriya i primeneniye avtomaticheskikh sistem (Theory and Application of automatic systems), Moscow, Izdatvo Nauka, 1969, 54-58

TOPIC TAGS: switching circuit; switching theory; reliable switching circuit

ABSTRACT: A logical relay-contact circuit S having one input and one output element consisting of n relay contacts switched simultaneously is considered. As is known from well-known published works, the reliabilities of circuit components may be different and the reliabilities of a component with respect to its failure may also be different. Fundamental properties of the reliability

MALYUGIN, V.D.

One method for calculating the reliability of single-cycle circuits.
Vych. sist. no.13:33-44, '64.

(MIRA 18:2)

SOSNOVSKIY, Yu.S., inzh.; MALYUGIN, V.D., inzh.; ZASHLYAPIN, Ye.D., inzh.

Remote control of ore-crushing and dressing plant. Mekh.i avtom.
proizv. 14 no.12:11-13 D '60. (MIRA 13:12)
(Ore dressing) (Remote control)

ZIMA, Ivan Mitrofanovich; MELMOGIN, Timofey Timofeyevich; KOVALIN,
D.T., inzh., retsenzent; LARYUKHIN, G.A., red.

[Work mechanization in forestry] Mekhanizatsiia lesokho-
ziaistvennykh robot. Izd.2., dop. i perer. Moskva, Izd-
vo "Lesnaia promyshlennost'," 1964. 547 p.

(MLR 17:8)

MALYUGIN, T.T. [Maliuhin, T.T.], kand.tekhn

Introduce new machinery for the establishment of forest plantations.
Mekh. sil'. hosp. 13 no.9:20-22 S '62. (MIRA 17:3)

MALYUGIN, T.T., kand. tekhn. nauk

Work mechanization in the control of soil erosion. Gidr. i mel. 12
no.4:47-50 Ap '60. (MIRA 13:9)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Soil conservation) (Agricultural machinery)

MALYUGIN, T.T. [Malyuhin, T.T.], kand.tekhn.nauk

Mechanization in the making of earth structures for erosion control. Mekh. sil'. hosp. 11 no.10:20-21 0 '60.
(MIRA 13:9)

1. Ukrainskaya akademiya sel'skpkhozyaystvennykh nauk.
(Soil conservation) (Earthwork)

ZIMA, Ivan Mitrofanovich; MALYUGIN, Timofey Timofeyevich; KURUSHIN, F.M.,
retsensent; ASHEULOV, Ye.A., retsensent; VLASOV, Ye.I., red.;
FUKS, Ye.A., red.izd-va; PARAKHINA, N.L., tekhn.red.

[Mechanization of silvicultural operations] Mekhanizatsiia
lesokhoziaistvennykh rabot. Moskva, Goslesbumizdat, 1960.
563 p. (MIRA 14:1)
(Forests and forestry--Equipment and supplies)

MALYUGIN, T.T. [Maliuhin, T.T.], kand.tekhn.nauk

Using excavators in forestry. Mekh.sil'hosp.10 no.2:22-23
F'59. (MIRA 12:6)

(Excavating machinery)
(Forests and forestry--Equipment and supplies)

ZIMA, I.M.[Zima, I.M.], doktor sil'skogospodars'kikh nauk,; MALYUGIN,
T.T.[Maliuhin, T.T.], kand. tekhn. nauk

Machinery and implements for the cultivation of fast-growing
tree species. Mekh. sil'. hosp. 9 no. 8:3- 4 Ag '58. (MIRA 11:8)
(Agricultural machinery)
(Tree planting)

ARTEMENKO, A.K.; MALYUGIN, T.T. [Maliuhin, T.T.]; TOLCHEYEV, B.P. [Tolcheiev, B.P.]; TYUKOV, S.YU.; SHEL'YAKHANOV, L.D.; SOLDATOV, A.G., red.; TOKAR, L.O., red.; DEREV'YANKO, G.S., tekhn.red.

[Forestry and shelterbelt afforestation] Lisivnytstvo i polezakhysne lisorozvedennia. Za red. A.N. Soldatova. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1956. 359 p. (MIRA 12:3)
(Windbreaks, shelterbelts, etc.)

MALYUGIN, T. T.

MALYUGIN, T. T.: "Investment of the effect of an elastic chain on changes in the tractive force in plowing." Min Agriculture USSR. Ukrainian Order of Labor Red Banner Agricultural Academy. Kiev, 1956. (Dissertation for the Degree of Candidate in Technical Sciences.)

Source: Knizhnaya letopis' No 40 1956 Moscow

1. ZIMA, I. M., MALYUGIN, T. T.
2. USSR (600)
4. Tree Planting
7. Planting trees by machinery in the irrigation zone of the South Ukrainian Canal.
Les i step', 5, No. 1, 1953.

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

MALYUGIN, T. A. - Mosca (U.R.S.S.) - III Clinica Chirurgica dell'Istituto Sklifosiwskij

"Risultati a distanza del trattamento chirurgico del cancro dello stomaco."

report submitted for the 12th Biennial International Congress of Surgery, Rome,
15-18 May 1960.

MALYUGIN, S., polkovnik; STEBLEV, A., podpolkovnik

Training officers in the use of engineering machines. Voен. vest.
42 no.5:88-90 My '63. (MIRA 16:5)
(Military engineering--Equipment and supplies)

MALYUGIN, O.

Vulcanization of belts. Radio no.9:36 S '60. (MIRA 13:10)
(Magnetic recorders and recording--Equipment and supplies)

MALYUGIN, N.S., doktor med.nauk

Postoperative mortality in hyperthyroidism. Khirurgia 37
no.5:101-106 My '61. (MIRA 14:5)

1. Iz 1-y khirurgicheskoy kliniki (zav. - dotsent N.I. Makhov)
Moskovskogo oblaastnogo nauchno-issledovatel'skogo klinicheskogo
instituta imeni M.P. Vladimirovskogo.
(HYPERTHYROIDISM)

MALYUGIN, N.S., doktor med.nauk (Moskva)

Congenital absence of the pericardium in a female patient with diaphragmatic relaxation. Klin.med. no.12:107-110 '61.

(MIRA 15:9)

1. Iz 1-y khirurgicheskoy kliniki (zav. - doktor med.nauk N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirskogo (dir. - kand. med.nauk P.M. Leonenko).

(PERICARDIUM--ABNORMALITIES AND DEFORMITIES)
(DIAPHRAGM)

MALYUGIN, N.S., doktor med.nauk (Moskva)

Characteristics of the development and course of thyrotoxicosis
and indications for surgery. Klin.med. 38 no.11:17-20 H '60.
(MIRA 13:12)

(HYPERTHYROIDISM)

MALYUGIN, N.S., dotsent (Moskva, 2-ya Meshchanskaya ul., d. 32, kv. 13)

Surgery in severe and complicated forms of thyrotoxicosis. Vest.
khir. 82 no.6:31-36 Je '59. (MIRA 12:8)

1. Iz gosptal'noy khirurgicheskoy kliniki 1-go Moskovskogo or-
dena Lenina meditsinskogo instituta im. I.M. Sechenova (dir. - prof.
V. E. Salishchev).
(THYROID GLAND--SURGERY)

MALYUGIN, N. S. Doc Med Sci -- (diss) "Problems of the Pathology and Surgical Treatment of ~~THYROTOXICOSIS~~ Thyrotoxicosis. (On the 50 Years of Experience ^{of} ~~Gained by~~ the Hospital Surgery Clinic im Professor A. V. Martynov)." Mos, 1957. 15 pp 20 cm. (First Mos Order of Lenin Medical Inst im I. M. Sechenov), 200 copies (KL, 26-57, 111-112)

MALYUGIN, N.S.

~~Professor~~ Professor Vsevolod Zrastovich Salishchev. Khirurgia, Moskva no.9:
85-86 Sept 1953. (CJML 25:5)

1. Docent. 2. Biographical sketch.

USSR/Medicine - Surgery Aug 52

"About Vagotomies," N. C. Malyugin, Moscow, Surg Clinic, First Moscow Order of Lenin Med Inst Hosp

"Klin Med" Vol 30, No 8, pp 22-25

Discusses the advantages and disadvantages of a vagotomy in cases of gastrointestinal ulcer. States that this operation, which was widely used in the USSR in 1947, 1948, and 1949, is now losing its popularity with leading surgeons of the country. Author recommends an

exploratory laparotomy, with transgastric resection of the vagus nerve, only when this is absolutely necessary.

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MALYUGIN, N. S.

MALYUGIN, N.S.

MALYUGIN, N. S.

Post-operative complications in ascariidosis. Sovet med. No. 6,
June 50. p. 35-6

1. Of the Hospital Surgical Clinic, First Moscow Order of Lenin
Medical Institute (Director--Prof. V. E. Salishchev).

GLML 19, 5, Nov., 1950

ACC NR: AP6021557

(A) SOURCE CODE: DR/0416/66/000/003/0027/0031

AUTHOR: Malyugin, N. (Colonel)

ORG: None

TITLE: They acted as if in battle [Winter field exercises]

SOURCE: Yei i snabzheniye sovetskikh vooruzhennykh sil, no. 5, 1966, 27-31

TOPIC TAGS: military training, military personnel, equipment ~~modernization~~, field exercise, arctic climate, environment test

ABSTRACT: A winter exercise involving a rear area unit of a motorized rifle battalion required it to move from one location to another, during which the column entered a contaminated area. The precautions taken are described as are procedures of the flying repair teams kept busy repairing "broken-down" armored carriers and trucks. A battalion medical station dispenses first aid and cares for incoming "wounded." All assigned trucks are equipped with airtight food storage lockers for protection against contamination. Engine exhaust gases are used to maintain normal temperatures in the lockers. The exercise proved to be a good test of the unit as a whole. Orig. art. has: 1 figure.

SUB CODE: 15/SUBM DATE: None

Card 1/1

MALYUGIN, L., dramaturg

Obsession. Nauka i zhizn' 29 no.5:54-57 My '62. (MIRA 15:11)
(Motion-picture plays)

L 44274-66

ACC NR: AR6011887

SOURCE CODE: UR/0299/65/000/022/M020/M020

AUTHOR: Ostrovskhov, G. Ye.; Malyugin, E. F.TITLE: Kidney autotransplantation -- a method of eliminating defects in the upper section of the ureter (Experimental investigation)

SOURCE: Ref. zh. Biologiya, Abs. 22M148

REF SOURCE: Urologiya i nefrologiya, no. 4, 1965, 24-28

TOPIC TAGS: organ transplant, genitourinary system disease

ABSTRACT: In experiments on 25 dogs the kidney together with the fatty capsule was isolated from the surrounding tissue and fixated in the iliac cavity. The renal artery and vein were joined with the lower sections of the aorta and the inferior vena cava. The renal artery was cut out with a base and was sutured into the oval shaped window formed above the bifurcation. Movement of the kidney downward puts it much closer to the bladder and permits sectioning of the ureter over a length of 10 to 12 cm. A mechanical suture is applied to the ureter terminals. Only 3 of the 25 operated animals died 5 to 32 days following the operation. Five of the animals were sacrificed for morphological examination. The rest of the animals are still living (170 to 390 days). A. Pal'tsyn. Translation of abstract.

SUB CODE:mjs06
Card 1/1

UDG: 577.99

USSR / Cultivated Plants. Cereals.

M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34650

requirements of corn in warmth and resources in the different rayons of USSR. On the basis of maps pertaining to the zoning of corn varieties, it is pointed out that the harvesting of cobs of fast-ripening and medium-early varieties in a condition of milky ripeness is possible in most regions of the USSR, while middle-ripe harvests are limited to the south of 55° n.l. in the European, and to the south of 50° n.l. in the Asiatic part of the USSR. Most favorable rayons for cultivation of late-ripening varieties appear to be those in Western Georgia and in the Western part of the Krasnodar Region; the other varieties appear to flourish in the regions of Pre-Caucasia, Krasnodarskiy Kray, the Ukraine, the west of Rostov, the south of West Siberia, Kazakhstan, and others. -- I. N. Zaikina.

Card 2/2

40

MALYUGIN, E.A.

USSR / Cultivated Plants. Cereals. H

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34650

Authors : Malyugin, E. A.; Bessonova, E. V.

Inst : Not given

Title : Periods of Sowing and Ripening of Corn in USSR

Orig Pub : Geogr. sb., 1957, 9, 22-23.

Abstract : Based on data of many years research with the variety sampling network* considerable fluctuations in the duration of the vegetative periods in corn of different varieties, resulting from the total effect of varying temperatures, were observed and registered. The duration of the vegetative period of one and the same variety considerably increases as cultivation extends northward. Comparison is made of the

*of the All-Union Plant Cultivation Institute,

Card 1/2

MALYUGIN, A.S.; POGORELYY, A.D.

X-ray investigation of crystallization products in the system
 $\text{NH}_4\text{ReO}_4 - \text{KReO}_4 - \text{H}_2\text{O}$. Izv.vys.ucheb.zav.; tsvet.met. 8 no.2:
101-104 '65. (MIRA 19:1)

1. Kafedra obshchey metallurgii Severokavkazskogo gornometallurgicheskogo instituta. Submitted March 24, 1964.

MALYUGIN, A.S.; POGORELYY A.D.

Physicochemical characteristics of the purification of ammonium
perrenate from potassium by crystallization. Izv. vys. ucheb.
zav., tsvet. met. 7 no.5:88-94 '64 (MIRA 18:1)

1. Kafedra obshchey metallurgii Severokavkazskogo gornometallurgi-
cheskogo instituta.

Country : USSR
Category: Cultivated Plants. Potatoes. Vegetables.
Cucurbits.

M

Abs Jour: RZhBiol., No 22, 1958, No 100304

heads) were gathered from a plot of 100 square meters; after a dressing with a mixture of manganese sulfate and ammonium molybdate - 168 kilograms (304 heads); after manganese sulfate or ammonium molybdate - 166 kilograms (300 heads); with a dressing of only NPK - 140 kilograms (210 heads). After the dressing with Mo and Mn mixture, the cabbage contained an increased amount of sugars, nitrous substances and vitamin C, and in the degustation evaluation received the highest rating. --
M.V. Dranishnikov

Card : 2/2

M-63

MALYUGANOVA, T.

M

Country : USSR
Category: Cultivated Plants. Potatoes. Vegetables.
Cucurbits.

Abs Jour: RZhBiol., No 22, 1958, No 100304

Author : Malyuganova, T.
Inst : MOSCOW Agric. Acad. im. K.A. Timiryazev
Title : The Influence of Micronutrients on the Yield
and Quality of Cauliflowers.

Orig Pub: Sb. stud. nauchno-issled. rabot. Mosk. s.-kh.
akad. im. K.A. Timiryazeva, 1958, vyp. 8,
150-152.

Abstract: At Khreshchev Kolkhoz in Moskovskaya Oblast',
after additional dressing with boric acid,
182 kilograms of heads (including 320 standard

Card : 1/2

ACC NR: AP7002142

SOURCE CODE: UR/0050/66/000/012/0048/0049

AUTHOR: Malyuga, V. V.

ORG: Hydrometeorological Service Administration of the Central Chernozem Regions
(Upravleniye gidrometeoslužby tsentral'no-chnozemnykh oblastey)

TITLE: Sleet of unusual intensity

SOURCE: Meteorologiya i gidrologiya, no. 12, 1966, 48-49

TOPIC TAGS: atmospheric phenomenon, cyclone, atmospheric front

ABSTRACT: A sleet deposit 93 mm in diameter and 22 mm thick was noted in the gauge of the Pavlovsk Station in Voronezh oblast (elevation 88 m) on 22 January 1966. The weight per running meter of this deposit was 792 g. The atmospheric conditions in the area during that period were influenced by cyclonic activity over the Mediterranean and North European seas, bringing moist warm air into the Dnieper and Don valleys, and also by the anticyclonic transfer from western Siberia and the Urals. Passage of these frontal boundaries resulted in profuse and prolonged precipitations which, at the low temperature of -10.20°C existing over the area up to the altitude of 700 m, fell in the form of sleet. The description of the unusual phenomenon was obtained from the director of the Pavlovsk Station, M. N. Nikitenko.

SOURCE CODE: 04/

SUBM DATE: 11Apr66

Card 1/1

UDC: 551.571.42(171.321)

MALYUGA, V., inzh.; KOZHEVNIKOV, N., inzh.; KOGAN, V., inzh.

Lightweight exterior elements using plastic. Prom.stroi.1
inzh.soor. 4 no.5:32-38 S-O '62. (MIRA 16:1)
(Plastics) (Building materials)

MALYUGA, SERGEY NIKOLAYEVICH

N/5
735.1
.12

Delovaya Korrespondentsiya i Deloproizvodstvo v ugol'noy Promyshlennosti
(Business Correspondence in the Coal Industry) Moskva, Ugletekhizdat, 1955.

31 p. Tables.

735.1	N/5
1-6/735.1	N/5
2-5/735.1	N/5
611.91	N/5
765	N/5

LYASHKO, I.I. (Kiyev); MALYUGA, S.M. (Kiyev)

Using the method of total representation in hydrodynamic calculation
of aprons. Prikl. mekh. 1 no.6:97-105 '65. (MIRA 18:7)

1. Kiyevskiy gosudarstvennyy universitet.

SOV/84-58-5-4/57

Some Problems of Aircraft Technical Maintenance and Repair

Senior Engineer of an operational unit in the Far Eastern Territorial Administration, checking the insulation of the ignition wiring of the Il-14 airliner by a device invented by himself, based on an SG-4S neon bulb used as the indicator; the other photograph shows three technicians of the Sukhumi airport doing 100-hour maintenance on an Il-14P aircraft.

ASSOCIATION: GUGVF

1. Aviation--USSR 2. Airplanes--Maintenance 3. Personnel
--Performance 4. Maintenance tools--Standards

Card 7/7

SOV/84-58-5-4/57

Some Problems of Aircraft Technical Maintenance and Repair

not recommend it for Aeroflot. His objection is that the aircraft of Aeroflot are based in many airports scattered throughout the union, and the major repairs on each type of aircraft are done in just one or two specialized repair establishments, while maintenance is done out at the bases. The author discusses two possible solutions, namely (1) concentrating all maintenance and repair work in a few specialized repair establishments, or (2) equipping all base maintenance shops for major repairs. The analysis shows that neither of these solutions is applicable to a nationwide organization of the type of Aeroflot. The text is accompanied by two photographs: one showing Anatoliy Ivanenko,

Card 6,7

SOV/84-58-5-4/57

Some Problems of Aircraft Technical Maintenance and Repair

10 hours. A closer contact is urged between the leading maintenance and repair establishments, the aviation industry and the State Scientific Research Institute of the GVF. The third section deals with the plan of merging the maintenance and repair establishments of the same airport. The author believes that the idea promises a higher quality and efficiency of work. In one unidentified airport the merger has already been carried out. The final results of this experiment are not yet released, but there are reasons to assume that they will be satisfactory. The last section of the article discusses the so-called progressive method of aircraft overhaul as practiced by a number of foreign aviation companies. This consists in executing a major overhaul piece by piece in the course of maintenance operations. Although this method is advocated by some specialists, the author does

Card 5/7

SOV/84-58-5-4/57

Some Problems of Aircraft Technical Maintenance and Repair

The purpose of such establishments is to develop and standardize the tools and equipment needed by the workshops for maintenance and repair of specific aircraft types, as well as to work out maintenance regulations and to keep them up to date. The establishments slated for this role have already been selected. Special stress is being laid on the organization of new design bureaus and strengthening the old bureaus of these establishments. The goals for repair and maintenance shop layover periods are set as follows: major overhaul of the aircraft - 8 to 12 days, power plants - 8 to 10 days, 100-hour maintenance - 5 to 6 hours, engine replacement - 8 to

Card 4/7

SOV/84-58-5-4/57

Some Problems of Aircraft Technical Maintenance and Repair

engine replacement time to 10-12 hours. A boost in efficiency is considered as the main method of reaching these goals. The aircraft repair establishment under Shakov has worked out a plan for stepping up efficiency to the required level during the third and fourth quarters of 1958. More help is urged from the supply organs of the Main Administration, especially in improving the supply of spare parts and materials to the workshops. Designers are asked to consider maintenance and repair more closely in designing the parts and assemblies of an aircraft. The second section of the article deals with the plan of establishing a number of so-called "leading maintenance and repair establishments and technological design bureaus".

Card 3/7

SOV/84-58-5-4/57

Some Problems of Aircraft Technical Maintenance and Repair

yearly for major overhaul of an Il-14 aircraft, required even by very advanced repair establishments, is considered too high. In a number of operational units, the utilization rate of an Il-12 plane, for instance, is 4 to 5 hours per day. Maintenance and repair take 7 to 8 hours, and the remaining 11 to 12 hours are spent in loading and unloading, waiting for starts, etc. To improve the utilization rate, a cut in maintenance and other idle time is urged. More attention should be given to the time element, without, however, neglecting the quality of the work. A plan is being prepared by the Main Administration to reduce the repair time to 10-12 days, 100-hour maintenance to 5-6 hours, and for

Card 2/7

SOV/84-58-5-4/57

AUTHOR: Malyuga, I., Chief Engineer

TITLE: Some Problems of Aircraft Technical Maintenance and Repair (Nekotoryye voprosy tekhnicheskogo obsluzhivaniya i remonta aviatsionnoy tekhniki)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 5, pp 2-5 (USSR)

ABSTRACT: The Chief Engineer of the Main Administration of Aeroflot discusses at some length current problems of the maintenance and repair of aircraft. In the introductory section, a brief review of achievements is given, and a number of officials listed, whose units have fallen short of their earlier levels of quota fulfillment. In the following sections of the article, four specific problems are treated. The discussion begins with the problem of shop layover time for various classes of maintenance and repair operations. The period of 24 to 30 calendar days

Card 1/7

BOTOVA, M.M.; MALYUGA, D.P.; MOISEYENKO, U.I.

Use of the biogeochemical method in prospecting for uranium
in the desert. *Geokhimiia* no.4:361-369 Ap '63.
(MIRA 16:7)

1. Ministry of Geology and Protection of Mineral Resources of
U.S.S.R. and Vernadsky Institute of Geochemistry and Analytical
Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Geochemical prospecting) (Uranium)

MALYUGA, Dmitriy Petrovich; VINOGRADOV, A.P., akademik, otv. red.;
ZNAMENSKIY, V.L., red. izd-va; NOVICHKOVA, N.D., tekhn.
red.; DOROKHINA, I.N., tekhn. red.

[Biogeochemical method of prospecting for ore deposits;
principles and practices] Biogekhimicheskii metod poiskov
rudnykh mestorozhdenii; printsip i praktika poiskov. Mo-
skva, Izd-vo Akad. nauk SSSR, 1963. 263 p. (MIRA 16:6)
(Geochemical prospecting)

MALYUGA, D.P.; PETRUNINA, N.S.

Biogeochemical investigations in the Tuva Autonomous Province.
Geokhimiia no. 3:258-267 '61. (MIRA 14:4)

I. V.I. Vernadsky Institute of Geochemistry and Analytical
Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Tuva Autonomous Province--Ore deposits)
(Indicator plants) (Geochemical prospecting)

MALYUGA, D.P.; BLYUYER, N.V. [deceased]

Polarographic determination of copper impurities in metallic bismuth.
Trudy Kon. anal. khim. 12:224-226 '60. (MIRA 13:8)
(Bismuth--Analysis) (Copper--Analysis)
(Polarography)

MALYUGA, D.P.

Copper and molybdenum distribution in soils, waters, and plants of
the Kadzharan ore region, Armenian S.S.R. Trudy Biogeokhim. lab.
no.11:197-207 '60. (MIRA 14:5)

1. Institut geokhimii i analiticheskoy khimii imeni V.N.Vernadskogo
AN SSSR. (GEOCHEMICAL PROSPECTING) (KADZHARAN REGION--MOLYBDENUM)
(KADZHARAN REGION--COPPER)

MALYUGA, D. P.; NADIRADZE, V. R.; CHARGEYSHVILI, Ya. M.; MAKAROVA, A. I.

Biogeochemical prospecting in the high-mountain area of western
Georgia. Geokhimiia no. 4: 330-338 '60. (MIRA 13:10)

1. V. I. Vernadskiy Institute of Geochemistry and Analytical
Chemistry, Academy of Sciences, U.S.S.R., Moscow, and the
Geological Institute, Academy of Sciences of Georgia, Tbilisi.
(Adzhar A.S.S.R.--Geochemical prospecting)

MALYUGA, D.P.

Use of biochemistry in prospecting for copper - molybdenum
ores. Razved. i okh.nedr 25 no.1:19-22 Ja '59. (MIRA 12:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimi AN SSSR. (Biochemistry)
(Prospecting)

Biogeochemical Studies in Kadzharan, Armyanskaya SSR SOV/7-59-5-4/14

crenate up to lobate petals were found in the Atkyz deposit. This may go so far that more than four petals seem to exist (Fig 4). On the strength of the map plotting (Fig 5) and the chemical analysis (Table 2) the authors assume that this phenomenon is caused by the lead- and zinc content. A change in the vascular fibrous bundle was detected as well in the changed specimens of the mentioned species (Fig 6). There are 6 figures, 2 tables, and 7 references, 5 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR, Moskva (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy AS USSR, Moscow)

SUBMITTED: April 8, 1959

Card 2/2

AUTHORS: Malyuga, D. P., Malashkina, N. S., SOV/7-59-5-4/14
Makarova, A. I.

TITLE: Biogeochemical Studies in Kadzharan, Armyanskaya SSR
 (Biogeokhimicheskiye issledovaniya v Kadzharane, Armyanskaya SSR)

PERIODICAL: Geokhimiya, 1959, Nr 5, pp 423 - 431 (USSR)

ABSTRACT: Several ecological characteristic features were found in the biogeochemical study of the Karmir-Karskiy ore district, at the right bank of the Okhchi river, and of the region of the Atkyz deposits. A geological (Fig 1) and a geobotanical map (Fig 2) show e.g. a distinctly marked dependence of the plant associations on the subsoil; the thyme-tragacanth associations are especially bound to monzonite, the bean-[miscellaneous] herbs to porphyrite. The molybdenum- and copper contents in Astragalus declinatus W., hypericum perforatum, Lapsana communis L., thyme-Transcaucasia, and Gold Astragalus were investigated (Table 1). The molybdenum content in Astragalus declinatus W. attains up to one tenth percent of the ash. Furthermore, specimens of Papaver commutatum F. et M. with enlarged black pigment spot on the petals (Fig 3). It is possible that this phenomenon is caused by the Cu- and Mo-content, this assumption is, however, not confirmed. Papaver macrostomum B. et H. with

Card 1/2

Chronicle. Memorial Meeting for V. I. Vernadskiy (On His ^{7-58-3-15/15} 95th Birthday)

culated and the expected half life was estimated. By means of subsequent experimental works new data on the α -decay of elements of medium atomic weight were obtained and the existence of new α -active isotopes was proved.

SUBMITTED: March 18, 1958

1. Chemistry--USSR
2. Scientific personnel--USSR
3. Scientific research--USSR
4. Radioactive substances

Card 3/3

Chronicle. Memorial Meeting for V. I. Vernadskiy (On His 95th Birthday) 7-58-3-15/15

Rocks" (K geokhimii zheleza v osadochnykh porodakh). Clays of the Russian platform were investigated as to their content of Fe_2O_3 and FeO . By means of two geochemical maps the lecturer tried to find a correlation between the Fe_2O_3/FeO ratio and the organic carbon content in these clays.

D. P. Malyuga: "Biogeochemical Prospecting of Molybdenum" (Biogeokhimicheskiye poiski molibdena).

At Kadzharan (Armyanskaya SSR) on the left bank (Levoberezh'ye) of the river Okhchi biogeochemical prospecting was carried out. The compiled maps make it possible to outline the distribution halos of the new ore zones. They were proved by trial pits (see the article by the author in Geokhimiya, 1958, Nr 3, pp. 248 - 266).

Yu. A. Surkov: "Alpha-Radiation of Elements of Medium Atomic Weight" (Alfa-raspredeleniye elementov srednego atomnogo vesa).

A system of the α -active isotopes was set up; based on it the possible existence of some α -active isotopes was predicted; their mass number and their decay energy was calculated.

Card 2/3

MALYUGA, D.P.

AUTHOR: Gerasimovskiy, V. I. (Moscow) 7-58-3-15/15

TITLE: Chronicle (Khronika) Memorial Meeting for V. I. Vernadskiy
(On His 95th Birthday) [Zasedaniya, posvyashchennoye pamyati
V. I. Vernadskogo (95-ya godovshchina so dnya rozhdeniya)]

PERIODICAL: Geokhimiya, 1958, Nr 3, pp. 283 - 284 (USSR)

ABSTRACT: On March 12, 1958 an extended meeting of the professors of
the Institute of Geochemistry and Analytical Chemistry imeni
V. I. Vernadskiy AS USSR (Uchenyy sovet Instituta geokhimii
i analiticheskoy khimii imeni V. I. Vernadskogo AN SSSR)
was held. It was organized in remembrance of Vladimir
Ivanovich Vernadskiy, Member of the Academy of Sciences,
the mineralogist and founder of geochemistry, biogeochemistry
and radiology. The anniversary meeting was opened by A. P.
Vinogradov, Member of the Academy of Sciences. His speech
dealt with V. I. Vernadskiy's stay in Paris (1922 - 1925),
where he was working on biogeochemistry and radiology.
Then the following lectures were held:
A. B. Ronov: "On the Geochemistry of Iron in Sedimentary

Card 1/3

An Experiment of Biogeochemical Prospecting for Molybdenum in Armenia 7-58-3-11/15

in Transcaucasia was proved by the work carried out in the Armyanskaya SSR. There are 8 figures, 6 tables, and 25 references, all of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo, AN SSSR, Moskva
(Moscow, Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy, AS USSR)

SUBMITTED: February 25, 1958

1. Molybdenum---Armenia
2. Molybdenum---Properties
3. Molybdenum---Biochemical effects
4. Geochemistry
5. Armenia---Geology

Card 3/3

7-58-3-11/15

An Experiment of Biogeochemical Prospecting for Molybdenum in Armenia

according to the distribution halos of the metal. Soils, waters and plants in the area of the deposit contain from 10 to 100 times more molybdenum than is otherwise the case in the biosphere. A specific copper-molybdenum biochemical province was determined by the work of the department.

2) By means of a geochemical depth profile a correlation in the copper-molybdenum content of rocks (ores), soils and plants was determined. The development of a weathered crust at great depth and the formation of characteristic precipitations on the ore does not disturb this correlation. The depth starting from which a geochemical connection with the surface is noticed is between 10 and 100 meters.

3) The iso-concentration maps obtained for the molybdenum in the soils and plants made it possible to outline the distribution halo in the observable part of the left bank of the river Okhchi (Yaglu-Zami and Kadzharan mountains). As a result of prospecting in the area of the anomalies two great ore zones enriched with copper and molybdenum were discovered.

4) The efficiency of the biogeochemical method in the prospecting of copper and molybdenum at conditions prevailing

Card 2/3

7-58-3-11/15

AUTHOR: Malyuga, D. P.

TITLE: An Experiment of Biogeochemical Prospecting for Molybdenum in Armenia (Opyt biogeokhimicheskikh poiskov molibdena v Armenii.)

PERIODICAL: Geokhimiya, 1958, Nr 3, pp. 248 - 266 (USSR)

ABSTRACT: The author deals with the following chapters in his work: outline of the geochemistry of molybdenum in the earth crust. General data on the geology of the area. - Mineralogy and chemism of the processes in the oxidation zone of the copper-molybdenum sulfide deposit. - Molybdenum in rocks, waters, soils and plants of the Kadzharan area. - Biogeochemical conditions in the Kadzharan ore district. - Temporary biogeochemical sample taking and selection of the best accessible area. - Prospecting of molybdenum in the Davachi, Yaglu-Zami and Kadzharan mountains. - Prospecting of molybdenum at Dastakert and Agarak.

Card 1/3

Conclusions: 1) The Armenian copper-molybdenum deposits (Kadzharan, Dastakert) can be recognized from the surface

MAIYOGA, D. P.

✓ The content of microelements in several soils developed on ore deposits. D. P. Maiyoga and A. I. Mikhareva. *Pochvovedeniye* 1956, No. 1, 80-3. The contents of the following elements are reported on chestnut-brown and other soils of the South-Ural Province (0-7 cm. deep) where ore prospecting is being carried out: Ni, 5.0×10^{-4} - 8.2×10^{-4} ; Co, 2.0×10^{-4} - 4.3×10^{-4} ; Cu, 2.0×10^{-4} - 3.2×10^{-4} %. The av. content of Ni in the ash of plants grown in the area is 6.0×10^{-4} ; Co, 3.0×10^{-4} ; and Cu, 1.5×10^{-4} %. The Cr content of soils and plants in areas of such ore deposits may reach several tenths of a %. This may account for the poor condition of the plants in that area. In other soils, in the depressions of the mountains where the area are being prospected, 800 spectral detas. were made giving the following data: Co, 1.0×10^{-4} - 2.0×10^{-4} ; Ni, 5.0×10^{-4} - 3.0×10^{-4} ; Cu, 1.0×10^{-4} - 5.0×10^{-4} ; V, 5.0×10^{-4} - 2.0×10^{-4} ; Cr, 5.0×10^{-4} - 4.0×10^{-4} ; Pb traces - 5×10^{-4} ; W, traces - 1%; Zn, traces - 5×10^{-4} ; Be, traces - 1.0×10^{-4} %. Data are also given on the microelements in 8 springs and 2 rivers: Be, Pb, Co, Ni, Zn, Cu, Sr, Ba, Mn, Fe, and Si. The high Zn, Pb, Sr, and Ba in these waters may be associated with the wyes disease in the region. I. S. Ioffe.

②

Name: MALYUGA, Dmitriy Petrovich

Dissertation: Geochemical Principles of Prospecting
for Ore with Plants and Soils (biochem
method of prospecting)

Degree: Doc Geol-Min Sci

Affiliation: Not indicated

Defense Date, Place: 14 Jun 56, Council of Inst of Geo-
chemistry and Analytical Chemistry
imeni Vernadskiy, Acad Sci USSR

Certification Date: 27 Oct 56

Source: BMVO 6/57

see also KL No 20, 1956

MALYUGA, D.P.; MAKAROVA, A.I.

Biogeochemical prospecting for ore deposits in Tuva Autonomous
Province. Geokhimiia no.1:106-112 '56. (MLRA 9:9)

1. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo
AN SSSR, Moskva.
(Tuva Autonomous Province--Geochemical prospecting)
(Tuva Autonomous Province--Ore deposits)

MALYUGA, D.P.

USSR/Soil Science - Physical and Chemical Properties of Soils. J-2

Abstr Jour : Ref Zhur - Biol., No 2, 1958, 5768

Author : Malyuga, D.P., Makarova, A.I.

Inst : Academy of Sciences LatvSSR

Title : On the Question of the Microelement Content of the Soils
and Plants of Virgin Soils.

Orig Pub : Mikroelementy v s. kh. i v meditsine, Riga, Akad Nauk
LatvSSR, 1956, 485-495

Abstract : The content of microelements (Cu, Ni, Co, Mo, Pb, Zn, Cr, V, W, Be) in the soils of the virgin regions characteristic of the various defined geochemical oblast's of the Soviet Union are given. The soils of Aktyubinsk oblast' (chestnuts and ordinary solonetztes) are very rich in Co, Ni, and Cu. In the soils of the Tuvinskaya autonomous oblast' (chernozems, mountain-forest, and dark chestnut),

Card 1/2

MALYUGA, D.P.

Distribution of small amounts of nickel, cobalt, and copper in the clays of the Russian platform. A. V. Romanov, D. P. Malyuga, and A. I. Makarova. *Doklady Akad. Nauk SSSR*, 196, 129-32 (1964). The polarographic detn. of traces of Ni, Co, and Cu in 3105 single samples taken from 117 av. samples of bore-hole cores from the oldest (blue rift) horizons to the recent Quaternary clay sediments of Central Russia gave excellent results for an accurate percentage of Co ($1.1 \times 10^{-4}\%$), Ni ($2.3 \times 10^{-4}\%$), and Cu ($3.5 \times 10^{-4}\%$). For the ratio Ni:Co, variations were observed in the range between 0.7 and 3.8:1, with an av. max. of 2.0:1. Somewhat unexpected is the low Ni:Co ratio (1:1) in the oldest clay sediments which is explained by the intense solution of granitoids in these geol. periods, i.e. of rocks

containing Ni and Co with such a low ratio. In general, the rule is established that Ni and Co in clay sediments are derived from basic and ultrabasic plutonics and Cu is derived from basic effusive magmatic rocks. Another general tendency for the distribution of these elements is the decrease in the abs. amts. from the oldest geol. periods to the Quaternary. It is particularly evident for Cu, Mg, and Fe. These facts were explained by a theory of Strakhov that the intensity of ore deposition is progressively decreasing in the history of the earth. W. Bital

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MALYUGA, D.P., kandidat sel'skokhozyaystvennykh nauk; KORETSKAYA, L.A.,
kandidat khimicheskikh nauk; PETROV, V.A.

Middle Zeya endemic region. Priroda 44 no.9:112-113 S '55.
(MLRA 8:11)

1. Dal'nevostochnaya ekspeditsiya Soveta po izucheniyu pro-
izvoditel'nykh sil pri Akademii nauk SSSR
(Zeya Valley--Cattle--Diseases)

MALYUGA, D.P.

New device for obtaining samples from soil layers and washes.
Razved.i okh.nedr 21 no.5:52-53 S-0 '55. (MLRA 9:12)

(Boring machinery)

MALYUE-A, DP

✓ Solubility products of copper, nickel, and cobalt rubeanates. D. P. Malyshev, A. F. Yekhanin, Inst. Nechem. Acad. Sci. U.S.S.R., Moscow). *Zhur. Anal. Khim.* Acad. Sci. U.S.S.R., Moscow). *Zhur. Anal. Khim.* 10, 107-110 (1955); *J. Anal. Chem. U.S.S.R.* 10, 97-100 (1955) (Engl. translation). The soly. of the rubeanates was detd. in H₂O, 0.01M NH₄OH, 0.001M HCl, 0.1M NH₄Cl, 0.1M citric acid, and others. Under similar conditions the soly. of Cu, Ni, and Co rubeanates was practically the same. In 0.001M HCl Cu rubeanate dissolved slightly less than did Ni rubeanate. The soly. in NH₄OH was 10 times more than in H₂O. The soly. products of the rubeanates were calcd. to be Cu 7.67×10^{-26} , Ni 1.1×10^{-24} , and Co 1.2×10^{-23} . M. Hosh.

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USSR/ Biology - Geochemistry

Card 1/1 Pub. 22 - 30/47

Authors : Malyuga, D. P., and Makarova, A. I.

Title : ~~On the cobalt content in the soil and plants of the Tuva region~~
On the cobalt content in the soil and plants of the Tuva region

Periodical : Dok. AN SSSR 98/5, 811-813, Oct 11, 1954

Abstract : Data on the cobalt contents found in the soil and plants above Co-ore deposits in the Tuva Autonomous region of the USSR are presented. The effect of Co on animal and plant life was also investigated. Eleven USSR references (1939-1954). Table; graph.

Institution : Acad. of Sc. USSR, The V. I. Vernadskiy Institute of Geochemistry and Analytical Chemistry

Presented by : Academician A. P. Vinogradov, August 3, 1954