

MAKSIMOV, F. V.

Building mortars and cement mixes. F. V. Maksimov,
D. A. Shanosimkov, and L. G. Glazunov, U.S.S.R.
69,886, Dec. 31, 1947. Adm. to U.S.S.R. 88,740 (C.A.)
41, 52787. For better utilization of the properties of
cement and similar mixes, they are repeatedly stirred be-
tween the time of setting and beginning of hardening.
During this interval the stirring is alternated with rest
periods. M. Hosh

BARSHINOV, F. V.

Production of artificial stones for mining construction. Moskva, Ugletekhizdat,
1952. 230 p. (53-15290)

TAL31-M3

MAKSIMOV, G. A.

✓ Domestic spices for the manufacture of canned goods.
G. A. Maksimov (All-Union Sel. Research Inst. Canning
Ind., Moscow), *Vsesoyuz. Nauch.-Issledovatel. Inst.
Konserv. Przem., Referaty Nauch. Rabot* 1954, No. 2, 9-12.
The most important Soviet spices are *Ocimum basilicum*,
Origanum majorana, and *Piper*. A method is developed
for the detn. of the aromatic oil in such spices, consisting
in the volatilizing of such oil and oxidizing it to CO₂ (and
H₂O) with CrO₃, and the CO₂ is then detd. W. J.

MAKSIMOV, G.A.

Theory of the movement of heat and moisture in heating and drying
with an electric high-frequency field. [Izdaniia] LONITOMASH no.30:
418-422 '52. (MLRA 8:1)
(Dielectric heating)

MAKSIMOV, G.A., professor, doktor tekhnicheskikh nauk; ORLOV, A.I., dotsent, kandidat tekhnicheskikh nauk; STAROVEROV, I.G., inzhener, nauchnyy redaktor; SMIRNOVA, A.F., redaktor; SHOL'YAKOVA, M.V., tekhnicheskyy redaktor.

[Heating and ventilation] Otoplenie i ventiliatsiia. Pt. 1.

[Heating] Otoplenie. Izd. 2-e, perer. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture. 1954. 304 p.

[Microfilm] (MIRA 8:2)

(Heating)

MAKSIMOV, G.A.

Heat and mass exchange during the heating of moist materials
in an electric high-frequency field. [Izd.] LONITOMASH no.33:
242-248 '54. (MLRA 8:2)
(Induction heating)

MAKSIMOV, G.A., professor, doktor tekhnicheskikh nauk; UL'YANINSKIY, A.V., professor, doktor tekhnicheskikh nauk, retsentsent; NESTREBENKO, A.V., professor, doktor tekhnicheskikh nauk, redaktor. PERSON, M.N., tekhnicheskiiy redaktor.

[Heating and ventilation] Otoplenie i ventiliatsiia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekhture. Pt.2, [Ventilation] Ventiliatsiia, 1955. 343 p. (MLRA 9:5)
(Ventilation)

MAKSIMOV, G.A.

Heat and moisture exchange in seeds during swelling. *Fiziol.*
rast. 2 no.1:81-83 Ja-F '55. (MIRA 8:9)

1. Institut biofiziki Akademii nauk SSSR, Moscow
(Seeds) (Wheat)

MAKSIMOV, G.A., kandidat tekhnicheskikh nauk.

Heat processes in seeds. Nauka i zhizn' 22 no.11:15-16 N '55.
(Seeds) (MIRA 9:1)

SANKOVICH, N.N.; UKHANOV, A.G.; MAKSIMOV, G.A.; RAKOV, M.V.

Designing air heating systems having concentrated air output.
Vod.i san.tekh. no.1:5-9 Ja '56. (MLRA 9:5)
(Hot-air heating)

МАКСИМОВ, С. А.

The mechanism of heat and mass exchange in seeds of plants during heating in a high frequency electric field. G. A. Maksimov and L. M. Kryukova (Inst. Biol. Phys. Acad. Sci. U.S.S.R., Moscow). *Doklady Akad. Nauk SSSR*, 201-5 (1966). Wheat and bean plants were grown with addn. of $Ca^{45}Cl_2$ and $Na^{22}PO_4$ and their seeds were heated by a high-frequency field (50 Mc.) to 60-65° for periods of 1-3 min. This heating results in transfer of matter to the seed periphery, mainly toward the embryo; increased moisture content of the seeds increases the extent of this transfer. The transfer involves Ca and P. G. M. Kosolapoff.

M. AR 51 111 11
USSR/General Biology - Physical and Chemical Biology

B-1

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 9393

Author : Maksimov, G.A., Kryukova, L.M., Efimov, V.N.

Inst : Not Given

Title : Thermal Phenomena in Plant Seeds During Swelling

Orig Pub : Biofizika, 1956, 1, No 6, 538-543

Abstract : Processes of heat formation were studied during swelling of living and non-germinating seeds of wheat and squash, and also the nature of shifting of mass in the swelling process depending on timing in squash seeds containing radioactive Ca^{45} . When the grain mass of wheat and squash seed mass swells under isothermic conditions, the quantity of isolated sorption heat reaches a maximum after 7-9 hours, irrespective of the seeds' germinating power. This heating, therefore, occurs independently of respiration. Then comes a cooling off period. Seeds devoid of germination continue to cool off, while in the living seeds, after cooling off by 0.5° , the tem-

Card : 1/2

USSR/General Biology - Physical and Chemical Biology

B-1

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 9393

perature again markedly increases for 3.5-4 hours, which evidently is the result of an intense increase in respiration. The rise of temperature on the bud surface of a living seed stays ahead of the temperature rise of the endosperm center and even more so in its surface sheath. The temperature gradient between the bud region and surface sheath reaches 0.20/0.6 mm and between the bud region and endosperm 0.050/0.6 mm. In swelling of dead wheat grain the highest temperature was observed in the endosperm. A coincidence was noted between the time needed for full manifestation of heat for swelling and the time for stabilization of the direction for mass shifting to the germination region.

Card : 2/2

MAKSIMOV, G.A., kandidat tekhnicheskikh nauk.

Method for simultaneous determination of coefficients of heat
and moisture transfer in tobacco. Trudy NTIPP no.6:21-33 '56.
(MLRA 10:3)
(Heat--Transmission) (Mass transfer) (Tobacco)

Name: M/KSIMOV, Georgiy Aleksandrovich

Dissertation: Analysis of processes of heat and mass-exchange with internal source of heat

Degree: Doc Tech Sci

Affiliation: Inst of Biol Physics of Acad Sci USSR

Defense Date, Place: 6 Mar 57 Council of Moscow Technological Inst of Food Industry

Certification Date: 10 Nov 57

Source: BMVO 24/57

М. В. М. М. М. М. М.
LYKOV, A.V.; MAKSIMOV, G.A.

Investigation of drying processes in high-frequency fields.
Trudy MTIPP no.8-133-142 '57. (MIRA 10:12)
(Drying) (Dielectric heating)

TUGANOV, D.G.; MAKSIMOV, G.A., aspirant

Practices in raising young cattle for meat in Vurnary District.
Zhivotnovodstvo 22 no.7:33-38 '60. (MIRA 16:5)

1. Predsedatel' Vurnarskogo rayonno^ygo ispolnitel'nogo komiteta
(for Tuganov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut
ekonomiki sel'skogo khozyaystva (for Maksimov).
(Vurnary District--Beef cattle--Feeding and feeds)

MAKSIMOV, G. A.

"Hygroscopic Properties of Capillary-Porous Materials as a
Result of Intercontact and Different Methods of Drying."

Report submitted for the Conference on Heat and Mass Transfer,
Minsk, BSSR, June 1961.

MAKSIMOV, Georgiy Alekseyevich; IVANOV, V.G., red.; SHAROVA, Ye.A.,
red. izd-va; MURASHOVA, V.A., tekhn. red.

[Designing airconditioning processes] Proektirovanie pro-
tseessov konditsionirovaniia vozdukha. Moskva, Gos.izd-vo
"Vysshaya shkola," 1961. 96 p. (MIRA 15:1)
(Air conditioning)

STREL'TSOV, V.V.; SHCHUKIN, V.K.; REBROV, A.K.; FUKS, G.I.; KUTATELADZE, S.S.;
LYKOV, A.V.; PREDVODITEL'EV, A.S.; KONAKOV, P.K.; DUSHCHENKO, V.P.;
MAKSIMOV, G.A.; KRASHNIKOV, V.V.

Readers' response to I.T. El'perin's article "Terminology of heat and
mass transfer" in IFZh No.1, 1961. Inzh.-fiz. zhur. 5 no.7:113-133
Л 1 '62. (MIRA 15:7)

1. Khimiko-tekhnologicheskii institut, g. Ivanovo (for Strel'tsov).
 2. Aviatsionnyi institut, Kazan' (for Shchukin, Rebrov).
 3. Politeknicheskii institut, Tomsk (for Fuks).
 4. Institut teplofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk (for Kutateladze).
 5. Energeticheskii institut AN BSSR, Minsk (for Lykov).
 6. Gosudarstvennyy universitet imeni Lomonosova, Moskva (for Predvoditelev).
 7. Institut inzhenerov zheleznodorozhnogo transporta, Moskva (for Konakov).
 8. Institut legkoy promyshlennosti, Kiyev (for Dushchenko).
 9. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti, Moskva (for Maksimov).
 10. Tekhnologicheskii institut pishchevoy promyshlennosti, Moskva (for Krasnikov).
- (Heat—Transmission) (Mass Transfer)

MAKSIMOV, G.A.

Seminar on heat and mass transfer in Moscow. Inzh.-fiz. zhur.
6 no.9:123-124 S '63. (MIRA 16:8)

МАШИНЫ, Георгий Алексеевич, и РТМОВ, А.И., ред.

[Heating and ventilation, toplenie i ventilatsiya.
Moskva, Vysshaya shkola. Et.]. [Heating, toplenie.
Izd.3., perer. 1969. 351 p. (1969)]

MAXIMOV, G.I.

On 1.11.1957 ...
content and ...
Insh. fir. ...
1. dnerp ...

LYKOV, A.V.; SHEVEL'KOV, V.L.; NESTERENKO, A.V.; LEBELEV, P.D.; MAKSIMOV,
G.A.; NIKITINA, L.M.

IUri: Leonidovich Kavkazov, on his 20th birthday. Inzh.-fiz.
zhur. 8 no.1:124-125 Ja '65. (MIFA 18:3)

MAKSIKOV, G.D.

New copying slide rest. Mashinostroitel' no. 2:19 1961.
(.111 1412)
(Lathes--Technological innovations)

MAKSIMOV, G.D., kand. tekhn. nauk

New hydraulic copying carriage for machining stepped shafts.
Mashinostroenie no.1:27-29 Ja-F '63. (MIRA 16:7)

(Lathes—Attachments)

KARTAVOV, Sergey Alekseyevich, prof.; LEVCHENKO, Andrey Matveyevich, kand. tekhn. nauk; RUDNIK, Sergey Sergeevich, doktor tekhn. nauk; BOVSUNOVSKIY, Yakov Ivanovich, kand. tekhn. nauk; BAZHENOV, Ivan Ivanovich, kand. tekhn. nauk; KOVALENKO, Vladimir Vladimirovich, kand. tekhn. nauk; LOMACHENKO, Zinaida Nikolayevna, kand. tekhn. nauk; MIL'SHTEYN, Mark Zel'manovich, kand. tekhn. nauk; Yuliya Gavrilovna, kand. tekhn. nauk; RADCHENKO, Petrovich, kand. tekhn. nauk; TRUBENOK, Aleksandr Davidovich, kand. tekhn. nauk; KHRISTICH, Zakhar Dem'yanovich, kand. tekhn. nauk; SHNAYDERMAN, Isay Yakovlevich, kand. tekhn. nauk; GOLUBOV, N.P., kand. tekhn. nauk, retsenzent; DUMANSKAYA, V.A., kand. tekhn. nauk, retsenzent; MAKSIMOV, G.D., kand. tekhn. nauk, retsenzent; YAKOVENKO, G.A., kand. tekhn. nauk, retsenzent

[Technology of the manufacture of machinery] Tekhnologiya mashinostroeniia. [By] S.A.Kartavov i dr. Kiev, Tekhnika, 1965. 526 p. (MIRA 18:7)

1. Kafedra tekhnologii mashinostroyeniya Kiyevskogo poli-tekhnicheskogo instituta (for all except Golubov, Maksimov, Yakovenko).

MAKSIMOV, G.G., starshiy prepodavatel'

Method of harmonic analysis of a periodic function as applied to the study of indicator diagrams for engines and machines. Trudy Frunz. politekh. inst. no. 6:197-212 '62. (MIRA 17:9)

MAKSIMOV, G.G., student V-go kursa

Participation of students in sanitary education. Sovet. zdravo-
okhr. 12 no.1:51-53 '63 (MIRA 17:2)

1. Lechebnyy fakul'tet Bashkirskogo meditsinskogo universiteta,
Ufa. Iz kafedry organizatsii zdravookhraneniya (zav. - prof.
N.A. Sherstennikov) Bashkirskogo meditsinskogo instituta.

MEMORANDUM FOR THE DIRECTOR, CIA

Transportation for the Danube. Southeastern 2 7/1/77
7/1/77 (Danube River navigation boats)

MAKSIMOV, G.K., gvarnii starshiy leytenant meditsinskoy sluzhby

Chart for the determination of the chemical composition and calorie
content of daily rations. Voen.-med. zhur. no.8:79-81 '64. (MIRA 18:5)

OREKHOV, K.A.; MAKSIMOV, G.M.; NESLUKHOVSKIY, S.K.; ROZDYALOVSKAYA, V.V.; SMIRNOV, K.A.; VEYS, L.V.; ANTYUFYEVA, A.M.; KURGANOV, M.A.; STEPANOVA, Ye.A.; VOSTRIKOVA, A.M.; SAKHAROVA, V.V.; POD"YACHIKH, P.G.; OREKHOV, K.A., otv. za vypusk; CHUPROVA, Yu.S., red.; PYATAKOVA, N.D., tekhn. red.

[Results of the 1959 All-Union population census; the Kazakh S.S.R.] Itogi Vsesoiuznoi perepisi naseleniia 1959 goda; Kazakhskaiia SSR. Moskva, Gosstatizdat, 1962. 201 p.

(MIRA 16:4)

1. Russia (1923- U.S.S.R.) Tsentral'noye statisticheskoye upravleniye.

(Kazakhstan--Census)

МАК СТОУ, G.N.

3(5,7) **PERM I BOOK EXPLOITATION** SOV/2822
 Разведывательное соображение по пермифростам. 7th, Moscow, 1956
 Materialy po inzhenernomu metlovedeniyu. (Materials on Engineering Aspects
 of Permafrost); the 7th Interdepartmental Conference on Studies of Perma-
 frost) Moscow, Izd-vo M SSSR, 1959. 199 p. Errata slip inserted. 1,500
 copies printed.
 Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye geolog-geograficheskikh
 nauk. Institut metlovedeniya.
 Eds.: I. D. Burakov, B. A. Teyrovich, and A. M. Chakotillo; Ed. of Publishing
 House: A. L. Bakvitskiy; Tech. Ed.: Ye. V. Makul.

SYNOPSIS: This book is intended primarily for construction engineers and geologists
 interested in permafrost problems.
COMMENTS: This collection of articles contains reports originally discussed at
 the 7th Interdepartmental Conference on Permafrost held in Moscow in March,
 1956. Materials of this conference were published in three issues: general
 permafrost studies, engineering aspects of permafrost (present work),
 and ground physics and mechanics. Individual articles of this work discuss
 basic problems of planning, building, and operating various buildings and
 structures in permafrost regions. Some of the information reported, parti-
 cularly on hydraulic engineering construction, is new and appears for the
 first time in the literature on permafrost. Articles are accompanied by
 references.

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MAKSIMOV, G. N.

3(577) **PERMANENT FROST EXPLOITATION** 807/2822

Исследования в области вечной мерзлоты. 7th, Moscow, 1956

Материалы по инженерным работам в вечной мерзлоте (Материалы по Инженерным Работам в Вечной Мерзлоте); the 7th Interdepartmental Conference on Studies of Permafrost (Moscow, 1956) 199 p. Errata slip inserted. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye geologo-geograficheskikh nauk. Institut merzlotovedeniya.

Eds.: I. D. Davanov, E. A. Yartovich, and A. M. Chabotillo; Ed. of Publishing House: A. L. Mubritser; Tech. Ed.: Ya. V. Mamun.

NOTE: This book is intended primarily for construction engineers and geologists interested in permafrost problems.

CONTENTS: This collection of articles contains reports originally discussed at the 7th Interdepartmental Conference on Permafrost held in Moscow in March, 1956. Materials of this conference were published in three issues: general permafrost studies, engineering aspects of permafrost (present work and ground surveys and subsidence). Individual articles of this work discuss basic problems of planning, building, and operating various buildings and structures in permafrost regions. Some of the information reported, particularly on hydraulic engineering construction, is new and appears for the first time in the literature on permafrost. Articles are accompanied by references.

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Бухарвалов, В. Я. Grounding Electrical Engineering Installations Under Permafrost Conditions 172

Березанко, А. П. Specific Features of a Large-Scale Hydraulic Engineering Construction in Regions of Permafrost and Deep Seasonal Snow-Cover in the Eastern USSR 177

Бабайер, Е. А. Some Practical Problems in Designing Structures for Transportation Purposes in the Arctic Region 184

Ореховский, Л. Е. Possible Methods of Controlling the Thermal Regime of Grounds and Structures During the Development of the Permafrost Regions of the Transpolar Area (Notes for the report made at the 7th Interdepartmental Conference of Permafrost Specialists) 197

Materials on Engineering Aspects (Cont.) 807/2822

REFERENCES:

Полыга, А. А. Loading Capacity of Piles Driven Into Permanently Frozen Ground 199

Ореховский, Л. Е. Designing Permafrost Bases on Railways' Designing Polygons 200

Бухарвалов, В. Я. Methods of Restoring Deformed Buildings and Reinforcing the Ground Under Them 201

Специальный, Г. П. Ensuring the Stability of Constructions by Thawing the Permanently Frozen Bases of Foundation Beds in the Pre-construction Period 201

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MAKSIMOV, G.N.

Using experimental loads in testing soils in the area around
Noril'sk. Osn.,fund. i mekh.grun. no.3:10-13 '59.
(MIRA 12:8)
(Noril'sk region--Frozen ground) (Soil mechanics)

MAKSIMOV, G.H.

Synchronous motors should be used efficiently. Prom. energ. 15
no.9:3-5 S '60. (MIRA 13:10)
(Electric motors, Synchronous)

MAKSIMOV, G. N.

Constructing columnar concrete foundations in permafrost without
using molds. Prom. stroi. 38 no.9:47-51 '60. (MIRA 13:9)
(Foundations) (Frozen grounds)

MAKSIMOV, G.N.; IVANCHENKO, M.P.

Efficient utilization of electric power for mine ventilation.
Prom.energ. 16 no.7:5-6 J1 '61. (MIRA 15:1)
(Mines ventilation)
(Electricity in mining)

MAKSIMOV, G.N.; KUROCHKIN, A.A.

Repairing cosine capacitors. Prom.energ. 16 no.9:20-21
S '61. (MIRA 14:8)
(Electric capacitors--Maintenance and repair)

MAKSIMOV, G.N.

Boring holes for pile foundations in permafrost districts.
Prom. stroi. 39 no.11:42 '61. (MIRA 14:12)
(Boring)
(Foundations)
(Frozen ground)

MAKSIMOV, G.N.

Use of unfilled shells and installation of piles with freezing of
thawed layers and pockets in permafrost districts. [Trudy] NIIOSP
no.45:33-52 '61. (MIRA 15:1)
(Frozen ground) (Foundations) (Soil freezing)

MAKSIMOV, G.N.

More on the economy characteristics of the operation of mine drainage systems. Prom.energ. 17 no.10:49 0 '62. (MIRA 15:9)

1. FZI Tresta po sbytu energoproduksii Kuzbassenergo.
(Pumping machinery) (Mine drainage)

MAKSIMOV, G.N.

Effect of sinking techniques, shapes of cross sections and sizes of piles
on their supporting capacity in permafrost soils. Osn. fund.i mekh.grun.
6 no.1:15-18 '64. (MIRA 17:2)

MAKSIMOV, G.N.

Air conditioning during the construction of pile foundations.
Sbor. trud. NIIsn. no.55:103-115 '64. (MIRA 18:3)

MAKSIMOV, G.N.

Conference and seminar on the saving of power resources held in
Prokopyevsk. Prom. energ. 20 no.8:55 Ag '65.

(MIRA 18:8)

KUROCHKIN, A.A.; MAKSIMOV, G.N.

Power supply for the test equipment of electrical laboratories.
Prom. energ. 20 no.6:19-20 Je '65. (MIRA 18:6)

AFONIN, I. P.; GAVRILOV, B. I.; ZAVOYSKIY, Ye. K.; KARMANOV, F. V.;
MAKSIMOV, G. P.; FLAKHOV, A. G.; CHEREMNYKH, P. A.;
SHAPKIN, V. V.

The experimental plasma apparatus C-1 with screw magnetic
fields. Atom. energ. 14 no.2:143-150 F '63.
(MIRA 16:1)

(Plasma(Ionized gases)) (Magnetic fields)

L 45596-65 EPA(w)-2/EWT(m)/EWA(m)-2 Feb-10 DM

S/0089/65/018/003/0273/0275

ACCESSION NR: AP5009121

AUTHOR: Gavrilov, B. I.; Karmanov, F. V.; Maksimov, G. P.

29
B

TITLE: On the operation of a cylinderizer in a stellarator 19

SOURCE: Atomnaya energiya, v. 18, no. 3, 1965, 273-275

TOPIC TAGS: stellarator, magnetic field configuration, cylinderizer, magnetic trap

ABSTRACT: The authors present preliminary results of the experimental verification of one variant of a "cylinderizer" which transforms triangular magnetic surfaces in a stellarator into cylindrical surfaces. Approximate calculations for such devices were presented by E. Friman et al (The Proposed Model C Stellarator Facility, Project Matterhorn, Ch. IV, NYO-7899, p. 78). The cylinderization of helical magnetic surfaces, produced by a trifilar helical winding, was investigated by sweeping electron beams from a source of 19 beams placed in an axially-symmetrical magnetic field. The electron beams were made to follow circular paths and were displayed on a fluorescent screen after passing along the magnetic force lines through the region of the investigated helical magnetic field. The chamber and the system of coils to produce the magnetic field are described briefly. The cyl-

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ACCESSION NR: AP5009121

inderizer described was found to exert too strong an influence on the magnetic surface, and cylinderization of the magnetic surfaces to acquire triangular form again. It was necessary to either reduce the current by 10% or reduce the length of the cylinderizer by 10%. Relations between the cylinderizer dimensions, the current, and the pitch of the trifilar helical winding are presented. Orig. article has: 3 figures and 2 formulas.

ASSOCIATION: None

SUBMITTED: 14May64

ENCL: 00

SUB CODE: ME

NR REF SOV: 001

OTHER: 001

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MAKSIMOV, G. S.

Maksimov, G. S. "Results of our work in the fields of serum diagnosis of syphilis,"
Toprosy dermato-venerologii, Vol. IV, 1943, p. 279-309,--Siblog: 47 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh 'tatey, no. 13, 1949).

1. SI CI, G. S.

28256

Gidrozaffiy: la. vol. 1. "Kobur. ... (pess.)
H. adm.),, S. 1921

SC: HIGHS

MAKSTIMOV, G. S.

"Measurement of Winding Lines on Maps", Uch. Zap. Vyssh. Arkt.
Mer. Uchilishcha, No. 4, pp 3-6, 1953.

Suggests a method of measuring the length of tortuous lines on a
plane. Rectified sections of the curved line, 1.5 to 2.00 mm long, are
measured by a special palet which consists of a series of equidistant
concentric circles. The accuracy is within 0.37 %.

SO: Sum. No. 443, 5 Apr 55

22271

S/109/61/006/005/018/027
D201/D303

9.9000

AUTHORS: Shur, A.A., Maksimov G S

TITLE: A method of measuring radio-waves phase fluctuations
in the study of long distance tropospheric propagation

PERIODICAL: Radiotekhnika i elektronika, v. 6, no. 5, 1961,
828 - 829

TEXT: The known methods of measuring the phase fluctuations of radiowaves propagated in the troposphere, although presenting much interest from the theoretical and practical points of view, are very complicated and cumbersome. In the present short communication, the authors describe a simple method of measurement as based on the Hyquist principle (Ref. 3: H. Hyquist, S. Brand, Bell System Techn. J., 1930, 9, 522). The block diagram of the measuring installation is given in Fig. 1. The transmitting installations consist of the transmitter 1, modulator 2 and filter-receiver 3. The receiving end consists of the receiver 4, phase-meter 5 with

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A method of measuring ...

an oscilloscope 6 and the receiver-filter 7. The principle of operation is as follows: At the transmitting end of the path under investigation the filter receiver 3 receives the signal from an independent transmitter 8. It amplifies only the carrier frequency of this signal and attenuates all the components of the spectrum. The filter 3 is at the input of a frequency modulator 2 of transmitter 1. At the receiving end the carrier is compared in phase with the carrier of the same station 8 at the output of the receiver. The phase difference between the two waves depends, therefore, only on the conditions of propagation along the path. According to the Hyquist principle, the signal spectrum of the transmitter must be much smaller than the pass-band of the whole installation. There the phase difference φ of the signal going through the installation is

$$\varphi = \Omega T(\omega)$$

where Ω - the angular frequency of the modulating wave, and $T(\omega)$ - the group time delay at the carrier frequency ω . It can be shown

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also that the time delay between two waves scattered or reflected from the inhomogeneities spaced by heights Δh is equal to

$$T(\omega) = \frac{R \Delta h}{R_e c}$$

where R - the length of the propagation path, R_e - the effective radius of Earth; c - velocity of light in free space ($c = 3 \cdot 10^5$ km/sec). The above method has been applied at an experimental path of tropospheric propagation with normal TR installations with added filters and phasemeter. The length of the path was 300 km, measurements were made at a carrier frequency of 1,000 mc/s. The transmitter carrier was modulated ± 2.5 mc/s at 50 c/s. The filter-receiver had 3 stages of RF amplification using ~~6Ж1П~~ (6Zh1P) valves and a crystal filter with a pass-band of 80 c/s. There are 1 figure and 3 non-Soviet-bloc references. The references to the English-language publications read as follows: J.W. Herbstreit, M.C. Thompson, Measurements of the phase of Radiowaves received

Card 3/5
4

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D201/D303

A method of measuring ...

over transmission path with electrical lengths varying as a result of atmospheric turbulence, Proc. I.R.E., 1955, 43, 10, 1391; A.P. Deam, B.M. Fannin, Phase-difference variations in 9,350-megacycle radio signals arriving at spaced antennas, Proc. I.R.E., 1955, 43, 10, 1402 [Abstractor's note: Error in spelling of word 'spaced'; H. Hyquist, S. Brand, Bell System - Techn. J., 1930, 9, 522. 4

SUBMITTED: February 16, 1960

Card 4/5_L

L 07790-67 EWT(1) SCTB DD

ACC NR: AP6034202

SOURCE CODE: UR/0240/66/000/010/0059/0062

AUTHOR: Varlamov, V. A.; Maksimov, G. V.

25
B

ORG: Institute of Industrial Hygiene and Occupational Diseases, AMN SSSR, Moscow
(Institut gigiyeny truda i profzabolevaniy AMN SSSR)

TITLE: Method for recording pulse and respiration rate visually

SOURCE: Gigiyena i sanitariya, no. 10, 1966, 59-62

TOPIC TAGS: heart rate, cardiovascular system, respiratory system, respiratory rate, human physiology, biometrics, biotelemetry

ABSTRACT: A device for recording pulse rate visually is shown in Fig. 1. It consists of initial and terminal biocurrent amplifiers, power unit, and indicator lamps. The first two components are contained in a case attached to the subject's trunk, while the third is located on the subject's helmet. Cardiac biocurrents from electrodes attached to the chest enter a three-stage preamplifier with a gain of 1500. The voltage-amplified biocurrents drive a power amplifier stage grounded through relay RES-10 which in turn is connected to the indicator lamps. These lamps flash at the same frequency as the pulse rate. Low-frequency (P-15) triodes with a current gain of 40-50 are used in the biocurrent preamplifier. To increase the thermal stability of the amplifier in each stage, automatic bias (R_2 , R_4 , and R_6) has been introduced. High input impedance is ensured by emitter resistor R_1 . Small coupling

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UDC: 612.16+612.216]-087:613.6

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ACC NR: AP6034202

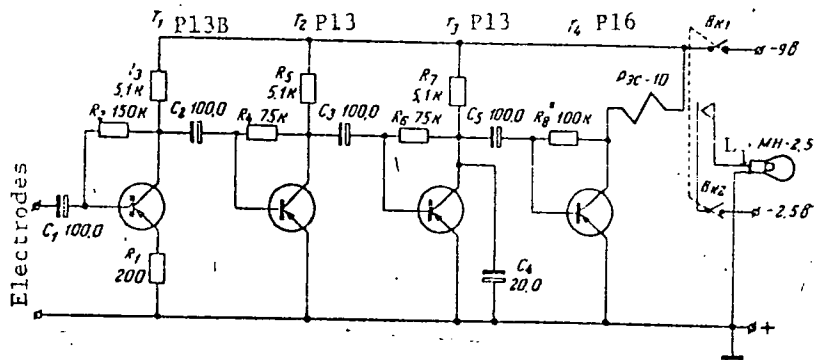


Fig. 1. Schematic of a device for the visual recording of pulse rate

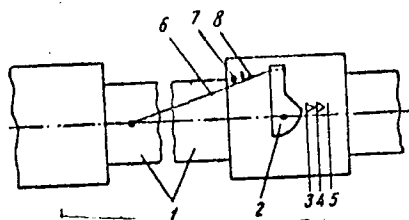


Fig. 2. Basic diagram of a device for visually recording respiratory rate (respiratory sensor)

1 - Rubber stamp; 2 - eccentric component; 3, 4, 5 - contacts; 6 - tension cord; 7 - brace; 8 - arresting mechanism.

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capacitors manufactured in the "Tesla" factory are used in the amplifier. To prevent parasitic oscillation due to power feedback, decoupling capacitor C_4 is included in the collector of T_3 . When using a power source with low internal resistance, capacitor C_4 is unnecessary. The power amplifier T_4 uses a P-16 transistor grounded via the coil of relay P_1 . The current gain of T_4 is 50—60. If a high-gain transistor is used, the sensitivity of the device is increased but its thermal stability is decreased. Of all the circuit components, only the feedback elements require regulation (within 30—200 kohm). The amplifiers are arranged on 35 x 80-mm textolite cloth sections 0.5 mm thick and are situated in a metal housing. The device is powered by two batteries, one of which feeds the initial and terminal amplifiers and the other of which feeds the indicator lamps. A device for visual recording of respiration rate is shown in Fig. 2. It consists of a respiratory sensor which converts variations in thoracic excursion during respiration into electrical signals. The two-way, relay-type sensor (Fig. 2) consists of cuffs with rubber straps, three contacts with an eccentric component, and a tension cord. The eccentric component is made out of plastic and is 3 mm thick. The tension cord is made out of a steel wire with a 0.2—0.5-mm diameter. To prevent breakage of the sensor, a piece of steel wire is used as an arresting mechanism. During inspiration, expansion of the thorax increases the tension of the rubber strap, causing a transfer of force which rotates the eccentric component. Depending on the angle of rotation, one or two contacts are closed. There are three flexible leads from the relay contacts: The first one is attached to the power source, while the second and third are attached to the two lamps, which in turn are attached to the subject's helmet or

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ACC NR: AP6034202

clothing. The second pole of power to the lamps leads directly from the battery. The lamps and power source are the same as those used for the pulse-rate recorder. Both these devices are portable and they were designed primarily for industrial hygiene operations. Orig. art. has: 2 figures.

SUB CODE: 06/ SUBM DATE: 04Feb65/ ORIG REF: 010/ OTH REF: 002/
ATD PRESS: 5101

Card

4/4 *gd*

MAKSimov, G.Z.

В. В. Штырь
Застройка АТС на 10 номеров с конструктивно-механическими схемами

Г. А. Сивков
Использование методов бесконтактной передачи для в целях управления оборудованием АТС

О. В. Новиков
Анализ бесконтактных сетей связи при создании и эксплуатации систем для автоматизации АТС

И. В. Петров
Некоторые дополнительные возможности оборудования автоматизации АТС

В. А. Гринберг
Э. С. Колосов
Анализ бесконтактных способов передачи информации между людьми и машинами

9 страниц
(с 18 до 22 часов)

В. А. Геламский
Аппаратура открытой автоматической эксплуатации на телефонной сети

30

Г. В. Самарин
О методах работы систем управления для автоматизации телефонных сетей

Г. Э. Маслов
Применение бесконтактных методов для передачи информации в аппаратуре КРП

10 страниц
(с 10 до 16 часов)

Л. В. Егоров *Handwritten note: Нужна информация об Р/Т/В*
Новые методы управления сетью внутригородской связи

С. С. Ковал
Магнетронные фильтры для вычисления информации систем связи

А. И. Осипов
Исследования помех в автоматических сетях связи с помощью таблиц при коммутации сигнала телефонных и телевизионных сетей

А. Ф. Фролов
Система автоматических фильтров на работе сети связи

11

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

MAKSIMOV, G.Z.

Reliability of switching a semiconductor trigger by periodic signals. Izv. Sib. otd. AN SSSR no.6:27-33 '59. (MIRA 12:12)

1. Novosibirskiy elektrotekhnicheskij institut svyazi, i Institut gornogo dela Sibirskogo otdeleniya AN SSSR.
(Electric switchgear) (Triodes)

MAKSIMOV, G. Z., Cand Tech Sci -- (diss) "Research into some properties of contactless regulating assemblies at Automatic Telephone Stations." Moscow, 1960. 9 pp; (Ministry of Communications USSR, Moscow Electrical Engineering Inst of Communications); 150 copies; price not given; (KL, 18-60, 152)

S/194/62/000/002/093/096
D230/D301

6,1340

AUTHOR: ^{K3}Maximov, G. Z.

TITLE: Application of non-contacting elements for switching
in the apparatus KRR-30/60 (KRR-30/60)

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 2, 1962, abstract 2-8-19t (Sb. tr. Nauchno-tekhn.
o-vo radiotekhn. i elektrosvyazi im. A. S. Popova,
1960, no. 1, 82-91)

TEXT: Application of non-contacting elements in the control sets
of the KRR-30/60 apparatus reduces the dimensions of each device
by 3 to 4 times, dispenses with the need for periodic adjustments,
increases the lifetime of the sets, permits application of uniform
engineering in the production of sets and considerably improves
their response time. Block-diagrams of the semi-conductor variant
of the outgoing and the incoming terminal sets are given; also,
their operation is described. A table is given showing the econo-
mic efficiency of converting the control sets of KRR-30/60 appara-

Card 1/2

Application of non-contacting ...

S/194/62/000/002/093/036
D230/D301

tus to non-contacting elements. 1 reference. [Abstracter's note:
Complete translation.]

VB

Card 2/2

MAKSIMOV, G.Z.

Indirect control pulse system for a noncontact or mechno-
electronic automatic telephone exchange. *Elektrosviaz'* 14
no.2:60-65 F '60. (MIRA 13:5)
(Telephone, Automatic)

BOSENKO, V.G.; MAKSIMOV, G.Z.

Noncontact connecting line unit for KRR-30/60 multiplexing
apparatus. Elektrosviaz' 15 no.2:70-73 F '61. (MIRA 14:3)
(Telephone, Automatic--Equipment and supplies)

s/106/63/000/001/006/007
A055/A126

AUTHORS: Bosenko, V.G., Sutorikhin, N.B., Maksimov, G.Z.

TITLE: Analysis of the operation of the transistorized key with active-inductive load

PERIODICAL: Elektrosvyaz', no. 1, 1963, 64 - 68

TEXT: This article deals essentially with the experimental investigation of the reliability of the operation of transistors operating in circuits containing electromagnetic devices, such as relays, electromagnets of crossbar connectors, etc. Transistor triodes in common-emitter arrangement are considered. To confirm that these triodes can be considered as ideal switches ensuring an instantaneous closing of the circuit, oscillograms of transient processes in systems containing a relay in the transistor-key circuit were recorded. These oscillograms show that the parameters of the transistor triode exert a certain influence on transient processes only when the relay is released and the current in the relay windings drops. The authors examine therefore the process occurring when the relay is switched off by the transistor. They also deduce a formula for

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Analysis of the operation of the transistorized

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A055/A126

the power dissipated on the collector of the triode with an active-inductive (RL) load. They apply this formula to the П26 А (P26A) triode controlling a pulse-relay of the ППН (RPN) type, and find that the dissipated power does not exceed the permissible value, which is confirmed experimentally. Conclusions: 1) Over-voltages occurring on the collector junction at the switching off of the triode are not dangerous for the triode; apparently, they do not affect the reliability of its operation. 2) The operation of triodes with active-inductive load in switching range will be reliable, provided the power dissipated on the collector does not exceed the permissible limits. 3) Low-power triodes (such as the P26 and P26A-types) can ensure a reliable control of the operation of a number of electromagnetic devices. There are 6 figures and 1 table.

SUBMITTED: March 10, 1962

Card 2/2

BOSENKO, V.G.; MAKSIMOV, G.Z., ispolnyayushchiy obyazannosti dotsenta;
SUTORIKHIN, N.B.

Electronic-mechanical system for matching KRR-30/60 apparatus
with the equipment of an automatic telephone exchange. Vest.
svyazi 23 no.6:10-11 Je '63. (MIRA 16:8)

1. Prorektor Novosibirskogo elektrotekhnicheskogo instituta
svyazi (for Bosenko).

L 46229-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AR6004345

SOURCE CODE: UR/0274/65/000/009/V018/V018

AUTHOR: Bosenko, V. G.; Maksimov, G. Z.

19
E

REF SOURCE: Tr. uchebn. in-tov svyazi. M-vo svyazi SSSR, vyp. 23, 1964, 120-128

TITLE: Design of a semiconductor flip flop based on prescribed time parameters

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 9V125

TOPIC TAGS: flip flop circuit, transistorized circuit

TRANSLATION: Procedures for the calculation and selection of components for a semiconductor flip flop are considered for prescribed time and loading parameters of the output signal. The required type of semiconductor flip flop for a prescribed rise time is defined. Based upon the loading parameters, a test is made of a given transistor according to the power dissipated in the collector. This power must be less than the power dissipation rating of the transistor. The results of the experimental accuracy of the proposed method are cited. The experimental study was conducted using an oscilloscope for measuring the transients of the flip flop. 3 figures, 1 table, 4 references.

SUB CODE: 09/

SUBM DATE: none

UDC: 621.395.345

Card 1/1 mjs

MAKSIMOV, I.

Visual aids on automation. Prof.-tekh. obr. 20 no.6:24. Je '63.
(MIRA 16:7)

(No subject headings)

MAKSIMOV, I.

"Seminar" of an astronaut. Nauka i zhizn' 28 no.8:64 Ag '61.
(MIRA 14:8)

(SPACE MEDICINE)

MAKSIMOV, I.

Building block-set for making models during the reading of
mechanical drawings. Prof.-tekh. obr. 20 no.8:11-13 Ag '63.
(MIRA 16:9)
(Mechanical drawing---Audio-visual aids)

MAKSIMOV, Iy.; MITEV, D.

Chronological aspects of inflammatory diseases of the upper respiratory tract in newborn infants. Khirurgia, Sofia 9 no.3:242-249 1956.

1. Vissh meditsinski institut V. Chervenkov, Sofia
Katedra po ushni, nosni i gurleni bolesti. Zav. katedrata:
prof. G. Iankov.

(INFANT, NEWBORN, diseases,
resp. inflamm. dis. (Bul))
(RESPIRATORY TRACT, diseases,
inflamm. dis. in newborn (Bul))

MAKSIMOV, Iv.

On the treatment of postoperative recurrences of frontal sinusitis.
Khirurgia (Sofia) 15 no.1:59-66 '62.

1. Vissh meditsinski institut, Sofia katedra po ushni, nosni i
gurleni bolesti zav. katedrata: prof. G. IAnkov.

(SINUSITIS surg)

MAKSIMOV, I.

~~www.cia.gov~~ Electromagnetic sound producer and its application. Khirurgia,
Sofia 6 no.8:507-511 1953. (CJML 25:5)

1. Senior Assistant. 2. Of the Clinic for Ear, Nose, and Throat Diseases and the Institute of Phoniatrics and Logopedics (Director -- Prof. G. Yankov), V. Chervenkov Medical Academy, Sofia. 2. Instrument for testing hearing and tone differentiation.

~~MAKSIMOV, I.~~
MAKSIMOV, I.

Stroboscopy of the larynx; proposal for a new type of stroboscope.
Khirurgiia, Sofia 10 no.7:645-648 1957.

1. Vissh meditsinski institut--Sofia katedra po ushni, nosni i gurleni
bolesti Zav. katedrata: prof. G. Iankov katedra po fonologii pri durz-
havnata konservatoriia Prepodavatel: Iv. Maksimov.

(LARYNX,
stroboscopy, appar. (Bul))

MAKSIMOV, I.; IAZAROV, B.

Malignant tumors of the nose and paranasal sinuses. Khirurgia, Sofia
11 no.2:158-167 1958.

1. Vissh meditsinski institut - sofia Katedra po ushni, nosni i gurleni
bolesti Zav. katedrata: prof. G. Iankov Institut po obshcha patologiya
ipatologichna anatomia Direktor: prof. B. Kurdshiev.

(NASAL CAVITY, neoplasms,

(Bul))

(PARANASAL SINUSES, neoplasms,

(Bul))

MAKSIMOV, I.

Portable apparatus for galvanism and faradism. Khirurgia, Sofia 11
no.3:285-287 Mar 58.

(ELECTROTHERAPY, appar. & instruments
portable appar. for galvanism & faradism (Bul))

MAKSIMOV, I.

Conservative endocanal trepanations of the mastoid process. *Khirurgija*,
Sofia 14 no.9:815-824 '61.

1. Vissh meditsinski institut, Sofia. Katedra po ushni, nosni i
gurleni bolesti. Zav. katedrata: prof. G. IAnkov.

(MASTOIDITIS surgery)

MAKSIMOV, I., podpolkovnik

New step. Av. i Kosm. 47 no.1810-14 Ja '65 (MIRA 1821)

MAKSIMOV, I., podpolkownik

Net planning. Av. i kosm. 48 no.10:71-75 0 '65.
(MIRA 18:11)

MAKSIMOV, I. A.

AID P - 3185

Subject : USSR/Meteorology
Card 1/1 Pub. 71-a - 12/23
Author : Maksimov, I. A.
Title : On computing runoffs of desert areas
Periodical : Met. i. gidr., 5, 46, S/O 1955
Abstract : The article discusses the runoff of desert areas in south-west Turkmenistan, which have only seasonal water supply and offers suggestions for forecast computations. One Russian reference, 1954.
Institution : None
Submitted : No date

MAKSIMOV, I. A.

MAKSIMOV, I. A. "The arterial blood supply of the human parotid gland."
Second Moscow State Medical Inst imeni I. V. Stalin.
Moscow, 1956.
(Dissertation for the Degree of Candidate in Sciences)
Medical

So: Knizhnaya Letopis', No. 18, 1956

MAKSIMOV, I.A. (Moskva V-149, 6-ya liniya, 1, korpus 22, kv.1)

Structure of the arterial blood supply to the parotid gland in humans. Arkh.anat.gist.i embr. 37 no.10:74-77 0 '59.

(MIRA 13:4)

1. Kafedra normal'noy anatomii (zaveduyushchiy - deystvitel'nyy chlen AMN SSSR prof. V.N. Ternovskiy) II Moskovskogo meditsinskogo instituta im. N.I. Pirogova.

(PAROTID GLAND blood supply)

MAKSIMOV, I.A.

Immediate and late results of surgical treatment of lung cancer.
Vest.khir. no.7:19-24 '61. (MIR: 15:1)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov,
nauchnyy rukovoditel' - prof. A.N. Bakulev) AMN SSSR.
(LUNGS--CANCER)

MAKSIMOV, I.A.

Analysis of accidents in the Shchekin medical and sanitary sector
of Tula Province. Sov. med. 25 no.8:102-104 Ag '61. (MIRA 15:1)

1. Iz khirurgicheskogo otdeleniya (zav. Ya.S.Meyerzon) Shchekinskoy
gorodskoy bol'nitsy (glavnyy vrach N.I.Nesterov) Tul'skoy oblasti.
(TULA PROVINCE--ACCIDENTS)

MAKSIMOV, I.A.; Ryzhkov, Ye.V.

Familial congenital bronchiectasis. Grud.khir. no.4:107-110 J1-Ag
'62. (MIRA 15:10)

1. Iz legochnogo otdeleniya (zav. - doktor meditsinskikh nauk
N.I.Gerasimenko) i laboratorii patomorfologii (zav. - prof. Ya.L.
Rapoport) Instituta serdechno-sosudistoy khirurgii (dir. - prof.
S.A.Kolesnikov, nauchnyy rukovoditel' - akad. A.N.Bakulev) AMN
SSSR.

(BRONCHIESTASIS)

BYKOVA-SARDYKO, V.A. kand. med. nauk; KRYMOVA, K.B., kand. med nauk;
MAKSIMOV, I.A., kand. med. nauk

Atelectasis following partial resections of the lungs.
Khirurgiia 38 no.12:34-40 D '62. (MIRA 17:6)

1. Iz legochnogo (zav.- doktor med. nauk N.I. Gerasimenko) i
rentgenovskogo (zav.- dotsent M.A. Ivanitskaya) otdeleniya
Instituta serdechno-sosudistoy khirurgii (direktor - prof.
S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakulev)
AMN SSSR.

MAKSIMOV, I.A. (Moskva, V-313, Leninskiy pr., d.87a, korp.1, kv.38)
PIROGOV, A.I.; KLIONER, L.I. (Moskva, pr.Mira, d.47, kv.12)

Comparative evaluation of pneumonectomy and partial resection
in lung cancer. Vop.onk. 9 no.2:34-41'63. (MI:A 16:9)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof.
S.A.Kolesnikov; nauchnyy rukovoditel' - akademik A.N.Bakulev)
AMN SSSR.

(LUNGS--CANCER) (LUNGS--SURGERY)

KUZ'MICHEV, A.P. (Moskva, 2-y Obydesnkiy per., d.13, kv.12) MAKSIMOV, I.A.

Middle lobectomy with wedge-shaped resection of the intermediate
bronchus. Vest.khir. 90 no.3:24-30 Mr'63. (MIRA 16:10)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof.
S.A.Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev)
AMN SSSR.

(LUNGS—SURGERY) (BRONCHI—TUMORS)

PIROGOV, A.I., kand. med. nauk; MAKSIMOV, I.A., kand. med. nauk

Resection of the lung in metastatic tumors. Vest. khir. 90 no.5:
15-20 My'63 (MIRA 17:5)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva, Leninskiy prospekt, d.8, Institut serdechno-sosudistoy khirurgii.

KRYMOVA, K.B. (Moskva, ul. udal'tsova, 7, kvartira 40); GLADKOVA, M.A.:
MAKSIMOV, I.A.

Criteria for the inoperability of lung cancer. Vop. onk. 9
no.8:3-10'63 (MIRA 17:4)

1. Iz Instituta serdechno-sosudistoy khirurgii AMN SSSR (direktor-
prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N.
Bakulev).

SARDYKO-BYKOVA, V.A., kand. med. nauk (Moskva, Novo-Rasmanaya, d.4/6, kv.269)
KRYKOVA, K.B., kand. med. nauk; MAKSHIMOV, I.A., kand. med. nauk

Pulmonary-pleural complications in the immediate postoperative
period following partial lung resection. Vest. khir. 9, no.9,
35-43 S'63. (MIRA 17:4)

1. Iz legochnogo otdeleniya (zav. doktor med. nauk N. I. Gerasimenko)
i rentgenovskogo otdeleniya (zav.-lotsent M. I. Vanitskaya Instituta
grudnoy khirurgii (dir.-prof. D. I. Kolesnikov) AN SSSR.

MAKSIMOV, I.A.

Effect of the progress of the disease on the results of surgical treatment in pulmonary cancer. Vop. onk. 11 no.1:6-11 '65.

(MIRA 18:6)

1. Iz Institutā serdechno-sosudistoy khirurgii AMN SSSR (dir. - zasluženyy deyatel' nauki RSFSR prof. S.A.Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev) i 1-go onkologicheskogo otdeleniya (zav. - prof. N.D.Garin), Gosudarstvennogo naučno-issledovatel'skogo onkologicheskogo instituta imeni Gertsena (dir. - prof. A.N.Navikov).

MAKSIMOV, I.F., elektromekhanik

Outgoing trunk from the TsBx3x2 commutator at ATS-33 automatic
telephone exchanges. Avtom., telen. i svyaz' 4 no.7:37-38
Jl '60. (MIRA 13:7)

1. Tatarskaya distantsiya signalizatsii i svyazi Omskoy dorogi.
(Telephone, Automatic)

MAKSIMOV, I.F.

Molded articles manufactured from the wastes of veneer
manufacture. Der.prom. 9 no.1:20 Ja '60. (MIRA 13:4)

(Wood, Compressed)

MAKSIMOV, I.F.

Repair of heating plates of the "Baldwin" hydraulic press. Der.
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