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POD"YAPOL'SKIY, Georgiy Nikolayevich; MAKHOV, A.G., red.; BARGI, T.M.,  
tekhn. red.

[Notable places of Kabardino-Balkar A.S.S.R.; tourist's companion]  
Dostoprishchatel'nye mesta Kabardino-Balkarii; sputnik turista.  
Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 138 p.  
(MIRA 14:9)  
(Kabardino-Balkar A.S.S.R.—Guidebooks)

POD"YAPOL'SKIY, Georgiy Nikolayevich; MAKHOV, A.G., red.; BARGI, T.M.,  
tekhn. red.

[Notable places of the Kabardino-Balkar A.S.S.R.; tourist's  
guide] Dostoprimechatel'nye mesta Kabardino-Balkarii; sputnik  
turista. Izd.2., ispr. i dop. Nal'chik, Kabardino-  
Balkarskoe knizhnoe izd-vo, 1962. 141 p. (MIRA 16:3)  
(Kabardino-Balkar A.S.S.R.—Guidebooks)

POD"YAPOL"SKIY, Georgiy Nikolayevich; MAKHOV, A.G., red.

[Notable places in Kabardia and Balkaria; a tourist's  
companion] Dostoprimechatel'nye mesta Kabardino-  
Balkarii; sputnik turista. Izd.3., dop. Nal'chik, Kabardino-  
Balkarskoe knizhnoe izd-vo, 1964. 153 p. (MIRA 18:3)

ROGOV, G.M.; PONOMAREV, V.V.; MAKHOV, A.I.

Underground waters of the central Jurassic artesian basin of  
the Kuznetsk Basin. Mat. Kom. po izuch. podzem. vod./Sib. i  
Dal' Vost. no.2:68-71 '62. (MIRA 17:8)

TIMOSHENKO, V.V.; MARTYNISHKIN, A.M.; TSUKANOV, V.P.; GANGO, Ya.V.;  
SHIKOV, I.P.; NIKONOV, A.V.; POSTNIKOV, V.P.; KOROLEV, G.D.;  
ARTAMONOV, A.M.; TEMNIKOV, S.N.; KABLUKOVSKIY, A.F.; MAKHOV, A.Kh.;  
KOTIKOV, A.Kh.; ZNAMENSKIY, B.A.; ZUYEV, T.I.; POZDNYAKOV, A.P.;  
BALASHOV, S.A.; YERMOKHIN, I.P.

New design of electrode holders for electric-arc smelting furnaces.  
Prom. energ. 15 no.8:13-14 Ag '60. (MIRA 15:1)  
(Electric furnaces)

KORYAGIN, G.A.; KRASNOVA, G.S.; PASYNKOVA, Z.T.; MAKHOV, D.S.

Communication workers discuss their work practices. Avtom.,  
telam. i sviaz' 9 no.3:28 Mr '65. (MIRA 18:11)

1. Rabotniki Novosibirskoy distantsei Zapadno-Sibirskoy dorogi.



USSR/Electronics - Television

Feb 53

Long-Distance Reception

"Long Distance Television Reception," G. Makhov, Dyagileva, Ryazan<sup>7</sup> Oblast, and  
F. Abel'son, Skomorokhi, Zhitomir~~skaya~~ Oblast.

"Radio," No 2, pp 47-48

Makhov describes reception obtained with a "T-1 Moskvich" receiver located in Dyagilevo  
172 km from Moscow. A <sup>2-</sup>two-level antenna was used in conjunction with a <sup>3-</sup>three-stage  
amplifier. Abel'son obtained good results with a "T-2 Leningrad" receiver in  
Skomorokhi, 140 km from Kiev.

CHERNYSH, K.; MAKHOV, O.

Recent developments in the calculation of mineral fertilizers.  
Zemledelie 25 no.10:78-81 0 '63. (MIRA 16:11)

MAKHOV, G.A.

Removal of a needle from the heart and lungs. Vest.khir.75  
no.6:110-111 J1 '55. (MLRA 8:10)

1. Iz Gelendzhiskoy Rayonnoy Bol'nitsy g. Gelendzhik,  
Krasnodarskogo kraya, rayonnaya bol'nitsa.

(HEART, foreign bodies  
surg.extraction, methods)

(LUNGS, foreign bodies  
same)

(FOREIGN BODIES  
heart & lungs, surg.extraction methods)

USSR / Human and Animal Morphology, Normal and Pathological.  
Excretory System.

S-5

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 83759

Author : ~~Makhev, G. A.~~

Inst : ~~Not given~~

Title : A Case of Congenital Diverticulum of the Urethra.

Orig Pub : Urologiya, 1957, No 2, 64

Abstract : Not given

Card 1/1

MAKHOV, G.A.

Rupture of the long head of the biceps brachii. Ortop.travm. 1  
protez. 18 no.4:64 J1-Ag '57. (MIRA 11:1)

1. Iz Gelendzhikskoy rayonnoy bol'nitsy.  
(BICEPS BRACHII--RUPTURE)

MAKHOV, G.A.

Case of atresia ani with a scrotal fistula (atresia ani scrotalis).  
Sov.med. 21 no.3:133-134 Mr '57. (MIRA 10:7)

1. Iz Gelendzhikskoy rayonnoy bol'nitsy.  
(ANUS--ABNORMITIES AND DEFORMITIES)

~~МАКHOV, G.A.~~

Congenital diverticulum of the urethra. Urologia 23 no.2:64  
Mr-1r '58. (MIRA 11:4)

1. Iz Gelendzhikskoy rayonnoy bol'nitsy  
(URETHRA, diverticula  
congen. (Rus))

MAKHOV, G.A.

Determination of the degree of muscle relaxation with the aid of the apparatus for muscular electrostimulation. Trudy TSIU 59:214-220 '63. (MIRA 17:9)

1. Khirurgicheskoye otdeleniye (nachal'nik G.A. Makhov) dorozhnoy bol'nitsy (nachal'nik A.A. Skul'skaya) Gor'kovskoy zheleznoy dorogi. Nauchnyy rukovoditel' prof. III kafedry khirurgii Tsentral'nogo instituta usovershenstvovaniya vrachey T.P. Makarenko.



MAKHOV, G.A.

Anesthesia by means of nitrous oxide with recirculation of  
gases. Trudy ISIU 59:101-110 '63. (MIRA 17:9)

1. Khirurgicheskoye otdeleniye (nachal'nik G.A. Makhov) dorozhnoy  
bol'nitsy (nachal'nik A.A. Skul'skaya) Gor'kovskiy zheleznoy  
dorogi. Nauchnyy rukovoditel' prof. III kafedry khirurgii  
TSentral'nogo instituta usovershenstvovaniya vrachey  
T.P. Makarenko.

30(1)

SOV/99-59-2-8/12

AUTHOR: Makhov, G.D., Engineer

TITLE: Irrigation in Cambodia (Irrigatsiya v Kambodzhe)

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 2, pp 42-50  
(USSR)

ABSTRACT: The article deals with the irrigation system of Cambodia. There are 7 photos, 1 diagram and 1 map.

Card 1/1

PAVLOV, A.N., otv. za vypusk; VOLODICHEVA, V.N.; IVANOVA, A.I.; KULAKOV, I.N.; LYAMINA, T.N.; MIT'KINA, L.I.; POZDNYAKOVA, N.P.; RODIONOVA, L.I.; ROMANOVA, N.M.; SOFIYEV, E.S.; CHICHKINA, A.A.; TRESORUKOVA, Z.G.; BOGATYREV, P.P.; BROVKINA, A.I.; IVANOVA, L.D.; IVASHKIN, G.A.; KAMNEV, N.I.; LYSANOVA, L.A.; OZHEREL'YEVA, Z.I.; PAVLOVA, T.I.; TYUFYUNOVA, N.I.; UMHITSYNA, A.P.; ZHIVILIN, N.N.; ALESHICHEV, M.P.; VINOGRADOV, V.I.; YEREMIN, F.S.; KRAVCHENKO, Ye.P.; LOVACHEVA, M.V.; NIKOL'SKAYA, V.S.; MAKHOV, G.I.; SKEGINA, A.V.; TAREYEV, A.V.; KHOLINA, A.V.; BRYANSKIY, A.M.; BURMISTROVA, V.D.; GRIGOR'YEVA, A.M.; LUTSENKO, A.I.; OREKHOVA, Z.V.; TEPLINSKAYA, N.V.; FEOKTISTOVA, V.I.; BUTORIN, I.M.; BOCHKAREVA, L.D.; BURENINA, V.A.; VETUSHKO, A.M.; VIKHLYAYEV, A.A.; SOROKIN, B.S.; TSYBENKO, L.T.; KHEBNIKOV, V.N.; DUMNOV, D.I.; STEPANOVA, V.A.; MANYAKIN, V.I., red.; VAKHATOV, A.M.; MAKAROVA, O.K., red.izd-va; PYATAKOVA, N.D., tekhn.red.

[Soviet agriculture; a statistical manual] Sel'skoe khoziaistvo SSSR; statisticheskii sbornik. Moskva, 1960. 665 p.

(MIRA 13:5)

1. Russia (1923- U.S.S.R.) Tsentral'noye statisticheskoye upravleniye. 2. Upravleniye statistiki sel'skogo khozyaystva Tsentral'nogo statisticheskogo upravleniya SSSR (for all except Makarova, Pyatakova).

(Agriculture--Statistics)

MAKHOV, G. K., CHERNETSKIY, T. I. and ALEKSANDROY, N. A. (Veterinary Surgeons)

"About certain characteristics of the swine foot and mouth disease"

Veterinariya, Vol. 38, no. 7, July 1961, pp. 42

ALEKSANDROV, N.A., veter. vrach; MAKHOV, G.K., veter. vrach;  
CHERNETSKIY, T.I., veter. vrach

Some characteristics of foot-and-mouth disease in swine.  
Veterinariia 38 no.7:42-44 J1 '61. (MIRA 16:8)

(Foot-and-mouth disease)  
(Swine—Diseases and pests)

MAKHOV, I. M.

Machines for harvesting and processing bast. Moskva, Mashgiz, 1954. 129 p. (V pomoshch' kolkhoznikom, rabotnikam MTS i sovkhovov)

DA

1. Bast. 2. Agricultural machinery.

МАКНОВ, I.M., inzhener.

Hemp threshing machine. Sel'khoz mashina no.11:5-8 № '55.  
(MIRA 9:1)

1.Vsesoyuznyy Nauchno-issledovatel'skiy institut sel'skokhozyayst-  
vennogo mashinostroyeniya.  
(Threshing machines)

MAKHOV, I.M.

Over-all mechanization of fiber flax harvesting by the method of  
separate operations. *Bul.tekh.-ekon.inform.Gos.nauch.-issl.inst.*  
*nauch.i tekh.inform.* 16 no.6:67-70 '63. (MIRA 16:8)  
(Flax processing machinery)



MAKHOV, L.M.

Work of D.N. D'iakov in the field of agricultural mechaniza-  
tion. Trudy LPI no.228:167-170 '63. (MIRA 17:1)

MAKHOV, Leonid Mikhaylovich; MEL'NIKOVA, Larisa Mikhaylovna;  
PAVLOV, Ya.M., otv. red.

[Sections and cuts by inclined projecting planes;  
methodological manual for a course in mechanical draw-  
ing] Sechenia i razrezy naklonnymi proektiruiushchimi  
ploskostiami; metodicheskoe posobie po kursu mashino-  
stroitel'nogo cherchenia. Leningrad, Leningr. politekhn.  
in-t im. M.I.Kalinina, 1964. 72 p. (MIRA 18:3)

MAKHOV, M.; BEDNYASHOVA, T.

Readers' conference on the "TSvetnye Metally" journals. TSvet.  
met. 36 no.2:92 F '63. (MIRA 16:2)  
(Nonferrous metals--Periodicals)

MAKHOV, M.P., inzhener (St. Khanovey).

Mechanize the cleaning of snow from switches. Pat' i put. khoz.  
no.5:43 Ky '57. (MERA 10:6)

1. 19-ya distantsiya puti Pechorskoy dorogi.  
(Railroads—Switches)

LUK'YANOV, V.I.; WYSLIN, V.A.; SHNEYEROV, A.I.; KHORKHOT, A.Ya.;  
YELENSKIY, M.S.; MEL'NIKOVA, O.M.; PLESHKOV, L.Ye.; OBELOV, V.V.;  
ZLATOLINSKIY, V.N.; VISHNEVSKIY, F.L.; LAPSHENKOV, P.G.; MAKHOV,  
M.S.; BUKAVISHNIKOV, I.D.; LITKIN, K.F.; KOZHEVNIKOV, O.A.;  
ZORKIN, G.N.; NORMAN, B.B.; TUMANOV, N.S.; SEREBRYANIKOV, S.M.;  
VOLKOV, H.G.; NOVIKOV, P.G.; FRIDBERG, G.V., inzh., red.izd-va;  
GELINSON, P.G., tekhn.red.

[Designing chief plans for industrial plants; principal methods]  
Proektirovanie general'nykh planov promyshlennykh predpriatii;  
osnovnye polozhenia. Moskva, Gos.izd-vo lit-ry po stroit.,  
arkhit. i stroit.materialam, 1960. 103 p.

(MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut grado-  
stroitel'stva i rayonnoy planirovki. 2. Nauchno-issledovatel'skiy  
institut gradostroitel'stva Akademii stroitel'stva i arkhitektury  
USSR (for Khorkhot, Yelenskiy, Mel'nikova). 3. Gosudarstvennyy in-  
stitut proyektirovaniya metallurgicheskikh zavodov (Gipromez) (for  
Pleshkov).  
(Continued on next card)

LUK'YANOV, V.I.; KHORKHOT, A.Ya.; ZORKIN, G.N.; NORMANN, B.B.; FLESHKOV, L.Ye.; LITKIN, K.F.; KOZHEVNIKOV, O.A.; TEMCHIN, N.A.; ORLOV, V.V.; ZLATOLINSKIY, V.N.; MAKHOV, M.S.; RUKAVISHNIKOV, I.D.; SHITOVA, L.H., red.izd-va; OSENKO, L.M., tekhn.red.

[Instructions for drafting general plans of industrial enterprises] Ukazaniia po proektirovaniu general'nykh planov promyshlennykh predpriatii. Odobreny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 15 noiabria 1960 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 131 p. (MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR, Institut gradostroitel'stva i rayonnoy planirovki. 2. Akademiya stroitel'stva i arkhitektury SSSR, Nauchno-issledovatel'skiy institut gradostroitel'stva i rayonnoy planirovki (for Luk'yanov). 3. Akademiya stroitel'stva i arkhitektury USSR, Nauchno-issledovatel'skiy institut gradostroitel'stva (for Khorkhot). 4. Giproaviaprom (for Zorkin, Normann). 5. Gosudarstvennyy soyuznyy institut po proyektirovaniyu metallurgicheskikh zavodov (for Fleshkov). 6. Gosudarstvennyy institut po proyektirovaniyu zavodov tyazhelogo mashinostroyeniya (for Lytkin, Kozhevnikov). 7. Gosudarstvennyy projektnyy institut No.1 (for Temchin). 8. Gosudarstvennyy projektnyy institut stroitel'noy promyshlennosti (for Orlov, Zlatolinskiy). 9. Gosudarstvennyy projektnyy institut po promyshlennomu transportu (for Makhov, Rukavishnikov).

(Industrial plants--Design and construction)

MAKHOV, M.S., inzh.; LITVIN, I.A., inzh.; BULANOVSKIY, V.S., inzh.

Monorail transportation for Moscow. Gor.khoz.Mosk. 36 no.4:26-  
27 Ap '62. (MIRA 15:8)

1. Gosudarstvennyy proyektnyy institut po proyektirovaniyu  
stroitel'stva promyshlennno-transportnykh sooruzheniy.  
(Moscow--Railroads, Single-rail)

MAKHOV, N., starchyi nauchnyy sotrudnik; LITVINENKO, I., aspirant

Building farms with loose housing of cattle. Sel'. stroi.  
16 no.6:4-5 Je '61. (MIRA 14:7)

1. Zapadno-Sibirskiy filial Akademii stroitel'stva i arkhitektury SSSR (for Makhov). 2. Nauchno-issledovatel'skiy institut sel'skikh zdaniy Akademii stroitel'stva i arkhitektury SSSR (for Litvinenko).  
(Novosibirsk Province—Barns)



MAKHOV, N. I.

Makhov, N. I. "Cancer of the cardia," Trudy Khovrin. obl. klinich. bol'nitsy, Khovrino (Moscow Oblast), 1948, p. 120-130

So: U-3566, 15 March 53, (Istopis 'Zhurnal 'nykh Statey, No. 13, 1949)

PAKHOV, B. I.

35529. Operativnyy Dostup i Pokazaniya K Udaleniyu Inorodnykh Tel  
Sredosteniya. V SB: Voprosy Grudnoy Khirurgii T. 111. M., 1949, s. 113-16.

Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

MAKHOV, N.I.

Therapeutic surgery of endarteritis obliterans. Sovet. med.  
no.9:12-14 Sept. 1950. (GLML 20:1)

1. Of the First Surgical Clinic of Moscow Oblast Scientific-  
Research Clinical Institute (Director of Clinic → Honored  
Worker in Science Prof. B. E. Linberg).

MAKHOV, N.I., dotsent; LINBERG, B.E., zasluzhenny deyatel' nauki, p'ofessor,  
direktor.

Resection of the pancreas. Khirurgia no.3:25-33 Mr '53. (MLRA 6:6)

1. Khirurgicheskaya klinika Moskovskogo oblastnogo nauchno-issledovatel'-  
skogo klinicheskogo instituta imeni M.F. Vladimirovskogo. (Pancreas--Surgery)

PETROV, B.A., professor, predsedatel'; DUBEYKOVSKAYA, E.G.' sekretar'; EGAN-TSEV, N.I., kandidat meditsinskikh nauk; TERNOVSKIY, S.D., professor; MELIK-ARUTYUNOV, A.I. kandidat meditsinskikh nauk; PATSIORA, M.D., kandidat meditsinskikh nauk; YELANSKIY, N.N., professor; DAM'YE, N.G.; TAVONIUS, K.H.; GULYAYEV, A.V., professor; KAZANSKIY, V.I., professor; GROZDOV, D.Ye., professor; DOROFEYEV, V.I.; LINDEMAN, V.I.; MAKHOV, N.I., dotsent.

Minutes of the session of the Surgical Society of Moscow and Moscow Province of September 12, 1952. Khirurgiia no.3:88-92 Mr '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy oblasti.  
(Spleen--Surgery)

PETROV, B.A., professor, predsedatel'; DOROFEEV, V.I., sekretar'; MLYNCHIK, V.E.; KAZANSKIY, V.I., professor; BANILEV, A.N., professor; LEVIT, V.S., professor; PETROVSKIY, B.V., professor; PECHATNIKOVA, E.A.; SOLOV'YEV, A.Ye., professor; MAKHOV, N.I., dotanet; YELANSKIY, N.N. professor; PLOTKIN, F.M., professor; VISHNEVSKIY, A.A., professor; VETCHINKIN, Yu.M.; GUREVICH, N.I., professor; OSIPOV, B.K., professor; TIKHONOVA, N.A.; RYZHIKH, A.N. profeseor; HUDYAVSKIY, B.A.; TERNOVSKIY, S.D., professor.

Minutes of the session of the Surgical Society of Moscow and Moscow Province of October 10, 1952. Khirurgiia no.4:92-95 Ap '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvyy i Moskovskoy Oblast'.  
(Esophagus--Surgery) (Esophagus--Cancer) (Rectum--Diseases)

**MAKHOV, N.I.**

**Embolectomy at the bifurcation of the abdominal aorta.**  
**Khirurgiia no.11:18-24 N '53. (MLRA 6:12)**

**1. Iz khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-  
issledovatel'skogo klinicheskogo instituta im. M.F.Vladimirovskogo  
(direktor - zaslushannyi deyatel' nauki professor B.E.Linberg).  
(Aorta) (Embolism)**

MAKHOV, N.I.,

Clinical aspects and treatment of obstruction and fistulas of the bile ducts with various etiologies. Khirurgia, Moskva no.5:55-61 My '55. (MLRA 8:9)

1. Iz 2-y khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni I.F. Vladimirovskogo.

(BILE DUCTS, dis.

fistulas & obstruct, n etiol.clin. aspects & ther.)

(FISTULA

biliary, etiol.,clin. aspects & ther.)



MAKHOV, N.I.

Transplantation of Vater's papilla and of Santorini's duct orifice into the jejunal loop after duodenal and gastric resection for polyposis and cancer. *Khirurgiia* 32 no.11:43-46 N '56. (MLRA 10:3)

1. Iz 1-y khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F.Vladimirovskogo (dir. P.K.Leonenko)

(BILE DUCT, COMMON, transpl.)

Vater's papilla & Santorini's duct orifice, transpl. into jejunal loop after gastrectomy and duodenectomy for cancer & polyposis)

(GASTROINTESTINAL SYSTEM, neoplasms

surg., Vater's papilla & santorini's duct orifice transpl. into jejunum loop after gastrectomy & duodenectomy for polyposis & cancer of stomach & duodenum)

MAKHOV, N.I., dots., KUPKOVA, Ye.A., mladshiy nauchnyy sotrudnik:

Acute intestinal obstruction; based on cases from the Moscow  
Province Research Clinical Institute (1953-1957). *Khirurgia*  
34 no.7:10-14 J1 '58 (MIRA 11:9)

1. Iz I khirurgicheskoy kliniki (zav. - dots. N.I. Makhov)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo  
instituta (dir. - kand.med.nauk P.M. Leonenko).  
(INTESTINES OBSTRUCTION, case reports  
surg. & results (Rus))

MAKHOV, N.I., dots.

Restoration of an injured external sphincter ani by suturing the ends and the creation of a new sphincter from the gluteus maximus [with summary in English]. Khirurgiia 34 no.9:23-30 S '58.

(MIRA 12:4)

1. Iz 1-oy khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta im. M.F. Vladimirovskogo (dir. P.M. Leonenko).

(ANUS---SURGERY)

MAKHOV, N. I., ~~Gen~~ Doc of Med Sci--- (diss) "Dislocation of the Hip  
during Complicated Gunshot Wounds of the Lower <sup>Limb</sup>" Moscow, 1959,  
29 pp (First Moscow Order of Lenin Medical Institute imeni I. M.  
Sechenov) (AL 4-60, 123)

MAKHOV, N.I., dotsent; SELEZNEV, G.F.

Cecostomy as a method for preventing various complications following surgery on the large intestine. *Khirurgia* 36 no.12:73-78 '60.  
(MIRA 14:1)

1. Iz 1-y khirurgicheskoy kliniki (zav. - dotsent N.I. Makhov)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo  
instituta imeni M.F. Vladimirskogo.  
(INTESTINAL—SURGERY)

MAKHOV, N. I.; ZENDER. LI A.

"The importance of operative venography in differential diagnosis of the extrahepatic and mixed portal block and for judgment of operation expediency with portal hypertension."

to be presented at the Radiology Congress, Karlovy Vary, Czechoslovakia, 10-14 June 63

MAKHOV, N.I.; ENDER, L.A.:

Diagnosis of disorders of portal circulation in extrahepatic  
and mixed block. Eksper. khir. i anest. no.2:27-29'63.

(MIRA 16:7)

1. Iz 1-y khirurgicheskoy kliniki (zav.-prof. N.I.Makhov) Moskov-  
skogo oblastnogo nauchno-issledovatel'skogo klinicheskogo insti-  
tuta imeni M.F.Vladimirovskogo (dir. P.M.Leonenko).  
(SPLENOPORTOGRAPHY) (PORTAL HYPERTENTION)

MAKHOV, N.I., prof.; SELEZNEV, G.F.

Preoperative preparation and postoperative management of  
patients following intestinal operations. Khirurgiia no.3:  
3-8 '63. (MIRA 16:b)

1. Iz Pervoy khirurgicheskoy kliniki (zav.-prof. N.I.Makhov)  
Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo  
instituta imeni M.F.Vladimirskego.  
(INTESTINE~~S~~-SURGERY) (POSTOPERATIVE CARE)



MAKHOV, N.I.

Surgical treatment of tumors of the spinal cord. Vop. klin.  
pat. no.2:10-17 '61 (MIRA 16:12)

1. Iz 1-oy khirurgicheskoy kliniki Moskovskogo oblastnogo  
nauchno-issledovatel'skogo klinicheskogo instituta imeni  
Vladimirskego.

PRESSMAN, L.P., doktor med. nauk, red.; KAKHOV, N.I., prof. red.;  
ZAKHAR'YAN, L.T., st. nauchn. sotr., red.; DRYK, V.Ye.,  
and. med. nauk, red.; VRAZHIN, K.H., red.; KRYSEVIT'EK,  
I.M., red.; SHIRN'Y, B.V., red.; KULEK, L.A., kand. med.  
nauk, red.

[Problems of practical medicine] Voprosy prakticheskoi me-  
ditsiny; Sbornik trudov. Moskva, 1963. 154 p.

(No. 17:9)

1. Moscow. Moskovskiy oblastnoy nauchno-issledovatel'skiy  
institut imeni N.S. Vladimirov. N. Zaveduyushchiy Pervoy  
khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-  
issledovatel'skogo klinicheskogo instituta im. N.S. Vladimiri-  
skogo (for Kakhov).

MAKHOV, N.I., prof.

Resection of calcified hepatic adenocarcinoma by the transco-  
diaphragmatic approach. Khirurgiya 40 no.4:101-106 Apr 1977  
(MIRA 18:1)

1. Klinika khirurgicheskikh bolezney (zav. - prof. N.I.  
Makhov) Moskovskogo meditsinskogo stomatologicheskogo insti-  
tuta i Moskovskogo oblastnogo nauchno-issledovatel'skogo in-  
stituta imeni N.F. Zhukovskogo.

MAKHOV, N.I.; ENDER, L.A.

g The value of peroperative portography in the differential diagnosis of extrahepatic and mixed blocking of the portal system and in the evaluation of surgical results in portal hypertension. *Cesk. radiol.* 19 no.6: 398-402 N '65.

1. Iz I. khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta (zav. prof. N.I. Makhov).

MAKHOV, N.I., prof.; ODINOKOVA, V.A.

Hepatoadenomas and their surgical treatment. Khirurgia 41 no.4:  
81-85 Ap '65. (MIRA 18:5)

1. I Khirurgicheskaya klinika (zav. - prof. N.I. Makhov) i pato-  
morfologicheskii otdel (zav. - prof. A.P. Avtsyn) Moskovskogo  
oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta  
imeni Vladimirovskogo.

**MAKHOV, P.**

Creative initiative. Prof. -tekhn. obr. 11 no.2:30-31 '54. (MLBA 7:6)

1. Direktor shkoly PZU kombinata "Privolzhskaya kommuna" (Ivanovskaya oblast'). (Textile workers) (Cotton spinning--Study and teaching)

MAKHOV, S.

Receiver circuit which will not operate. Radio no.6:10 Je '60.  
(MIRA 13:7)

(Radio--Receivers and reception)

BURMISTROV, Yevgeniy Vasil'yevich; LYASKOVSKIY, Ivan Frantsevich;  
MAKHOV, Viktor Aleksandrovich; REZNIKOV, N.I., zasl. deyatel'  
nauki i tekhniki RSFSR, prof., red.; PETROPOL'SKAYA, N.Ye.,  
red.; DURASOVA, V.M., tekh. red.

[External and internal thread cutting in heat-resistant and  
high-strength materials] Narezanie naruzhnoi i vnutrennei rez'by  
po zharoprochnym i vysokoprochnym materialam. Pod red. N.I.  
Reznikova. Kuibyshev, Juibyshevskoe knizhnoe izd-vo, 1962. 57 p.  
(MIRA 15:12)

(Screw cutting)



~~MAKHOV, V. Ya.~~

KORSHUNOV, A.I.; MAKHOV, V.Ya.

Demonstration building of two 12-unit apartment houses. Transp.  
stroil. 7 no.5:7-10 My '57. (MIRA 10:11)

1. Nachal'nik Sverdlovskoy normativno-issledovatel'skoy stantsii  
Orgtransstroya (for Korshunov).  
(Apartment houses) (Building)

MEYEROVICH, B.L., mayro meditsinskoy sluzhby; MAKHOV, Ye.X., kapitan  
meditsinskoy sluzhby

Differential diagnosis of march periostitis. Voen.-med.shur.  
no.10:71-72 O '59. (MIRA 13:3)  
(PERIOSTITIS, diagnosis)  
(ARMED FORCES PERSONNEL, diseases)

MAKHOV, Ye.K. (Maykop)

Case of dislocation and fracture of the metatarsal bones. Ortop.,  
travm. i protez. 21 no.8:64-65 Ag 60. (MIRA 13:11)  
(FOOT—WOUNDS AND INJURIES)

МАКHOV, Ye. N.

МАКHOV, Ye. N. --"Rated Speed of Motion of Freight Trains and Reserves of Traffic Capacity of Single-Track Railroads with Steam Traction." \*Dissertation for Degree in Science and Engineering Defended at USSR Higher Educational Institutions, Min of Means of Communication USSR, Leningrad Order of Lenin Inst of Engineers of Railroad Transport Imeni Academician V. N. Cbray sov, Leningrad, 1955

SC: Knizhnaya Letopis', N. 25, 15 Jun 55

\* For Degree of Doctor of Technical Sciences

МАКHOV, YE. N.

CIRCUIT THEORY

"Method of Investigating Amplifying Systems having Third-Order Characteristic Equations at Low Values of Time" by Ye.N. Makhov, Radiotekhnika, No 5, May 1957, pp 54-61

The method proposed in this article is free of many fundamental causes of the considerable laboriousness and ineffectiveness of the investigation of amplifying circuits with characteristic equations of the third degree for small values of time. The Results of an investigation of a compensating circuit consisting of an inductance in series with the grid circuit is used as an example.

Card 1/1

- 1 -

МАКHOV, Ye.V., inzh.

Regarding M.G.Lur'ie's article "Servicing of light fixtures in the shops of industrial enterprises." Svetotekhnika 7 no.6:26-27 Je '61. (MIRA 14:6)

(Electric light fixtures—Maintenance and repair)  
(Lur'ie, M.G.)

MAKHOV, Yu. V.

"Communications Cables with Polucynyl Insulation Mark PRVPM". One of a series of Telecommunications lectures given by experts in the Scientific research institutes and educational institutes.

SO: Vest. Svyazi, p 24, No. 6, 1952.

LYUBIMOV, K.A.; MAKHOV, Yu.V.; NAZAR'YEV, O.V.; YARMAK, M.I.;  
SHVARTSMAN, V.O., *otv. red.*; VOLODARSKAYA, V.Ye., *red.*;  
CHURAKOVA, V.A., *tekh. red.*

[Telephone and wire broadcasting cables with polychlorovinyl  
and polyethylene insulation] Kabeli dlia sel'skoi telefonnoi  
sviazi i radiofikatsii s polikhlorvinilovoi i polietilenovoi  
izoliatsiei. Moskva, Sviaz'izdat, 1962. 42 p.

(MIRA 16:8)

(Electric cables) (Polyethylene)



MAKHOVA, A. V.

USSR/Miscellaneous - Foundry processes

Card 1/1 : Pub. 61 - 17/23

Authors : Krymov, V. V., and Makhova, A. V.

Title : Smelting of magnesium alloys in steel crucibles

Periodical : Lit. proizv. 4, 28-29, July 1954

Abstract : The technological processes, amount of flux used in the smelting of Mg-base alloys in steel crucibles, are described. The method of refining and modifying of the casted alloy, with C-containing materials, is explained. The mechanical properties of Mg-alloys, casted in steel crucibles, are analyzed. Graph; drawings; illustration.

Institution : ...

Submitted : ...

PIGULEVSKIY, V.V.; IGANESOVA, A.L.; MAKHOVA, E.A.; TRUFIMOV, V.M.

Reduction of vanadium ions. Zhur. prikl. khim. 37 no.9:  
1898-1902 3 1964. (MIRA 12:10)

1. Leningradskiy institut khimicheskoy fiziki.

MAKHOVA, K.

Help on the spot is the best training. Sov. profsoiuzy 19  
no.17:16-17 S '63. (MIRA 16:11)

1. Predsedatel' profsoyuznogo komiteta Kirsanovskogo  
proizvodstvennogo kolkhozno-sovkhoznogo upravleniya, Tambovskaya  
obl.

MAKHOVA, E. V.

Ovospitani v sem'e (Rearing in the family) Moskva, Ucnpedgiz, 1952. 220 p.

SO: Monthly List of Russian Accessions, Vol 6, No. 3, June 1953

MAKHOVA, Lyubov' Fedorovna; KRAINSKIY, A.I., red.

[Use of punched card machines in planning and operation  
guidance in the Moscow "Kalibr" Instrument Plant] Ispol'zovanie  
schetno-perforatsionnykh mashin v planirovanii i operativnom  
rukovodstve na moskovskom instrumental'nom zavode "Kalibr."  
Leningrad, 1964. 19 p. (MIRA 18:3)

KRUGLOV, Aleksandr Ivanovich, prof.; MUKHACHEV, Aleksandr  
Semenovich; NECHIPORUK, L.P., red.; MAKEOVA, N.N.,  
tekhn. red.; OKOLELOVA, Z.P., tekhn.red.

[Yaroslav cattle] IAroslavskii skot. Moskva, Sel'khozizd-  
dat, 1963. 342 p. (MIRA 16:12)  
(Dairy cattle)

L. 52599-55 EWT(m)/EWT(a)/EWT(j) Po-4/Po-4 III  
ACCESSION NR: AD5015856 UR/0062/64/000/012/2224/2226

AUTHOR: Nefedov, O. M.; Kolesnikov, S. P.; Makhova, N. N.

TITLE: Reducing properties of trichlorogermans and its etherates

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 12, 1964, 2224-2226

TOPIC TAGS: chemical reduction, ether, chlorine, germanium, germanium compound

Abstract: The high reducing ability of trichlorogermans and its etherates

Abstract: The high reducing ability of trichlorogermane and its etherates with respect to inorganic and organic compounds was established. Thus, aromatic nitrocompounds are readily reduced to the corresponding amines in 80-90% yield, while  $FeCl_2$  is formed in quantitative yield through the action of the etherate on  $FeCl_3$ . This reducing ability is related to the structure of these germanium compounds and their tendency to dissociate, generating  $GeCl_2$ . The etherate exhibits this tendency to an even greater degree than  $HGeCl_3$  itself. The presence of halogen atoms, sulfo-groups, carbon-carbon-multiple bonds, and other functional groups in the molecule of the aromatic nitrocompound to be reduced does not prevent the almost quantitative selective conversion of the nitro-groups to amino groups.



hive conversion of the nitro-groups to amino groups/

1/2  
Card

L. 52599-65

ACCESSION NR: AP5015856

Институт органической химии им. Н. Д. Зелинского Академии наук СССР

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR  
(Institute of Organic Chemistry, Academy of Sciences, USSR)

SUBMITTED: 04 May 64

ENCL: 00

SUB CODES: IC, GC

NO REF SOV: 006

OTHER: 003

JPRS

Card 2/2

MAKHOVA, N.S.

Efficient raising rate of napper wire cloth sets. Izv.vys.  
ucheb.zav.; tekh.tekst.prom. no.5:145-149 '61. (MIRA 14:11)

1. Moskovskiy tekstil'nyy institut.  
(Textile machinery)

KUCHEROV, B.K.; MAKHOVA, N.S.

Motion of the wire set in relation to the fabric in the process of  
napping. Izv. vys.ucheb.zav.; tekhn.tekst.prom. no.6:130-135 '61.  
(MIRA 15:1)

1. Moskovskiy tekstil'nyy institut.  
(Textile machinery)

MAKHOVA, N.S.

Paths and entry and exit angles of the wiring in the napping of  
fabrics. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.1:158-166 '62.  
(MIRA 15:3)

1. Moskovskiy tekstil'nyy institut.  
(Textile machinery)

MAKHOVA, N.S.

Movement of the teeth of the wire cloth relative to the fabric stretched over the rollers of the napper. Izv. vys. shk. 1962; tekh. tekst. prom. no.3:173-182 162.

(MIRA 17:16)

1. Moskovskiy tekhn. inzh. institut.

20. ИАХМЕДОВ, Д.Б.; МАХОВ, С. Я.

Economic comparison of various means of transportation  
for the underground haulage of gypsum stone in the  
Novomoskovskii Gypsum Combine. Trudy Inst. geol. veda  
AN Kazakh. SSR 13:127-137 '64. ISSN 1717

DEMINA, N.V.; MAKHOVA, R.A.; PILENKOVA, V.M.; MOISEYEVA, P.A.; KOSTIN, B.V.;  
NEMTSOVICH, M.

Reviews and bibliography. Tekst. prom. 25 no.4:82-87 Ap '05.  
(MIRA 18:5)

1. Rukovoditel' gruppy fiziko-mekhanicheskikh ispytaniy laboratorii tekstil'nykh ispytaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Demina). 2. Rukovoditel' gruppy tekstil'noy tekhnologicheskoy laboratorii Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Makhova). 3. Starshiye inzhenery tsentral'noy nauchno-issledovatel'skoy laboratorii fabriki "Krasnoye znamya" (for Pilenkova, Moiseyeva). 4. Glavnyy inzh. Tashkentskogo tekstil'nogo kombinata (for Kostin). 5. Zaveduyushchiy nauchno-tekhnicheskoy bibliotekoy Tashkentskogo tekstil'nogo kombinata (for Nemtsovich).



MASLENNIKOV, K.N.; MAKHOVA, K.A.

Response to the article "Classification of textile yarns with a modified structure." Tekst. prom. 24 no.4:77-78 1976.  
(MIRA 1:6)

1. Rukovoditel' gruppy tekstil'noy pererabotki Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Maslennikov). 2. Rukovoditel' gruppy tekstil'noy tekhnologicheskoy laboratorii Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna (for Makhova).

L 38703-66 EEC(k)-2/EWP(1) IJP(c) BB/GG/GD  
 ACC NR: AT6017139 SOURCE CGDE: UR/0000/65/000/000/0197/0203

AUTHOR: Gregor, Ye.; Makhova, V.

ORG: "Aritma" National Enterprise, Prague (Natsional'noye predpriyatiye "Aritma")

TITLE: "Aritma" computing-perforating machines and their uses

SOURCE: Sovet ekonomicheskoy vzaimopomoshchi. Postoyannaya komissiya po koordinatsii nauchnykh i tekhnicheskikh issledovaniy. Sredstva i metody mekhanizatsii podgotovki i poiska nauchno-tekhnicheskoy informatsii, iraznenernogo i upravlencheskogo trudy (Means and methods for mechanizing the preparation and research of scientific and technical information and of engineering and control work); lektsii, prochitannyye na vystavke "Inforga-65" v maye-iyune 1965 g. Moscow, 1965, 197-203

TOPIC TAGS: computer, office machine, *data processing equipment*

ABSTRACT: Data processing equipment, based on 90-bit cards, is described. The efficiency of the 90-bit card is particularly stressed. The use of special "dual cards" which serve simultaneously as the primary document and data processing card is mentioned. The complete Aritma series consists of: 1. T150 alphanumeric card perforator. 2. T610 alphanumeric controller for checking perforated cards. 3. T220 alphanumeric sorting machine with a capacity up to 700 cards. Speed: 60,000 operations per hour. 4. T320 alphanumeric listing machine. 5. T710 card reproducing machine. Reproduces up

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L 38703-66

ACC NR: AT6017139

to, 99 copies and corrects erroneously punched cards. 6. T720 card analyzing-reproducing machine. Reproduces cards, changes order of card column data, compares up to 20 columns of data, sorts and queues. 7. T520 computer-perforator. Relay computer, with speed of 8000 operations per hour; performs all 4 basic arithmetic operations. The data are read from punched cards and the results are punched on the same card or on another one. Several examples of the use of Aritma equipment in industry are described.

SUB CODE: 09,15/      SUBM DATE: none

[14]

Card 2/2 SW

ROZHAVSKIY, S.M. [Rozhavs'kyi, S.M.]; MAKHOVA, V.A. [Makhova, V.O.]

Problems of joint electric power supply in converting the traction networks of mine haulage to industrial-frequency alternating current. Dop. AN URSR no.11:1490-1494 '61. (MIRA 16:7)

1. Khar'kovskiy institut inzhenerov kommunal'nogo stroitel'stva.  
(Mine haulage)

ROZHAVSKIY, S.M., kand.tekhn.nauk, dotsent; ISAYENKO, A.V., inzh.; MAKHOVA,  
V.A., inzh.

Concerning a certain possibility for automating unattended single-  
transformer substations with limited power output and electric  
cutouts in the output feeder lines. Izv. vys. ucheb. zav.;  
energ. 5 no.2:12-13 F '62. (MIR<sup>A</sup> 15:3)

1. Khar'kovskiy institut inzhenerov kommunal'nogo stroitel'stva.  
Predstavlena kafedroy gorodskoy energetiki i transporta.  
(Electric substations) (Automatic control)

MAKHOVA, V.A., inzh.

Selecting a circuit diagram for transformers in a mine haulage substation of a single-phase alternating current. Izv. vys. ucheb. zav.; gor. zhur. 8 no.7:170-173 '65. (MIRA 18:9)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znamení gornyy institut imeni Artema. Rekomendovana kafedroy gornoy elektrotekhniki.

KORBE, O.A., MAKHOVA, Ye. I.

Kazakhstan - Social Life and Customs.

Expeditions in Kazakhstan. Krat. soob. Inst. etn. AN SSSR 14, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

ABRAMZON, S.M.; ANTIFINA, K.I.; VASIL'YEVA, G.P.; MAKHOVA, Ye.I.; SULAYMANOV, D.  
DEMIN, A.I., red.izd-va; KASHINA, P.S., ~~tekhn.izd-va~~

[The life of collective farmers in the Kirghiz villages of Darkhan  
and Chichkan] Byt kolkhoznikov, kirgizskikh selenii Darkhan i  
Chichkan. Moskva. Izd-ve Akad. nauk SSSR. 1958. 322 p. (Akademia  
nauk SSSR. Institut etnografii. Trudy, vol. 37). (MIRA 11:8)  
(Darkhan--Collective farms) (Chichkan--Collective farms)



MAKHOVA, Ye. S.

3-5-27/38

AUTHOR: Makhova, Ye. S.

TITLE: Questions of Physical Education and Medical Physical Culture  
(Voprosy fizicheskoy kultiury i lechebnoy fizkul'tury)

PERIODICAL: Vestnik vysshey shkoly, 1971, No. 1, pp 69-70 (USSR)

## ABSTRACT:

The author reports on a conference held in Moscow last February by heads and senior teachers of the chairs of physical education, medical control and medical physical culture at the medical and pharmaceutical institutes of the Russian SFSR. The conference was convened by the head office of educational institutions of the Ministry of Public Health, RSFSR, and was assisted by teachers and scientific collaborators of 44 medical and pharmaceutical institutes of RSFSR, representatives of the Ministries of Public Health of USSR and RSFSR, the Ministry of Higher Education of the USSR, and union and republic committees of physical culture and sports.

During the last years the work of medical institutes has showed successful results. An important task lies upon the public health organizations in the development of Soviet sports. Therefore the training of qualified physicians is very important. The training is well organized in the Moscow, Voronezh and Leningrad medical institutes, where bases for

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Questions of Physical Education and Medical Physical Culture 3-5 27/38

sports training were created and developed. At the Leningrad Pediatric and the 1st Medical Institute of Leningrad, the installation of gymnasiums and sports equipment was planned. The collective of the Moscow Stomatological Institute proceeded with the construction of a skiing ground and is now creating a complex sports ground. The Medical Institute of Ivanovo installed a sports hall.

The author states the importance of the connection between courses of medical, dental and medical physical culture and those of physical education. There are, however, VUZes where these courses are not organized in a satisfactory manner, where a lack of qualified teaching staff was observed as well as insufficient pace of scientific and training. There is also a lack of facilities.

All these matters were treated in the report made by V.V. Profimov, Vice-Minister of Public Health. Members of the conference stated their experiences and suggested improvements. The author enumerates reports made by the following persons: A.A. Sokolov (The Moscow Stomatological Institute), G.M. Gerasimov (The Moscow 2nd Medical Institute), Yu. I. Danilov (The Leningrad 1st Medical Institute), M.S. Gerner (The Kazan Medical Institute), S.S. Koveyeva (The Kazan Medical Institute) and Sportsmaster V.V. Bulychev.

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Questions of Physical Education and Medical Physical Culture 3-5-27/38

The conference decided to request the Ministry of Public Health, RSFSR, to improve the management of the chairs of physical education and medical physical culture by qualified teachers; to organize projects relating to the training of scientific teaching staff through post graduate courses and clinical practice; to oblige the directors of medical institutes to improve the management of the chair's work; to request periodical reports of the chair heads; to create necessary material bases and to issue teaching literature for medical VUZes.

AVAILABLE: Library of Congress

Card 3/3

AKIF'YEVA, K. V.; BELINSKIY, V. A.; BRUKHANOV, A. V.; VLADIMIROVA,  
G. A.; MAKHOVA, Yu. V.; MALINOVSKAYA, N. M.; MYAGKOV, S. M.;  
NORMAN, E. A.; SEMEKHIN, Yu. V.; TARASOV, G. K.; TUSHINSKIY,  
G. K.; UTYAKOV, P. A.; FAMINTSYN, B. M.; SHATERNIKOVA, I. S.;  
SHANSHIYEV, K. M.

Estimation of the danger of avalanches in high mountain areas  
designated for development. Inform. sbor. o rab. Geog. fak.  
Mosk. gos. un. po. Mezhdunar. geofiz. godu no.3:27-163 '62.  
(MIRA 16:1)

(Caucasus—Avalanches)

S/063/60/005/003/004/011/KX  
A051/A029

AUTHOR: Makhova-Bretishova, T.

TITLE: Academician Yaroslav Heyrovski

PERIODICAL: Zhurnal Vsesoyuznogo Khimicheskogo Obshchestva im. D.I. Mendeleeva, 1960, Vol. 5, No. 3, pp. 334-336

TEXT: Yaroslav Heyrovski, Czechoslovakian scientist and academician, was awarded the 1959 Nobel Prize for chemistry for his polarographic method of analysis. In 1922 he discovered the electrolysis with a mercury drop electrode and has since been continuously carrying out research in this field. He founded the school for polarographic studies in Czechoslovakia which is known for its many scientific publications. Heyrovski began his scientific research after completion of his studies in London (1910-1914) and after obtaining his doctor degree at the Karl University in Prague, 1918. He began with the study of electro-capillary curves according to the method of Kuchera, Professor of Experimental Physics. Abnormal deviations on these

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Academician Yaroslav Heyrovski

curves noticed by Professor Kuchera were further investigated by Heyrovski. The first results of the investigation with a drop of mercury as an electrode for chemical analysis were first published in "Chem. Listy" in 1922. In 1923 he presented a paper on the new method at a meeting of the Faraday Society in London. In 1925 Heyrovski with the aid of his pupil, Masuzo Shikata from Japan, developed an instrument for the automatic recording of curves showing the dependence of the current on the voltage. It was named polarograph. Due to the very high sensitivity of the polarographic method it was possible to detect a 0.003% content of copper in a highly-purified sample of citric acid at the Institute of Polarography. The analysis requires only a drop of the solution and enables one to detect the presence of one particle of substance in the presence of a million particles of another substance. Polarography is applicable to medicine, pharmacology, food industry (for detecting the presence of vitamin C, for example), metallurgy, geology, chemical industry, photography, etc. More than 11,000 books were published on polarography in the entire world to the present day. The Prague Polarographic School which opened in the Physico-Chemical Institute at the Department of Natural Sciences of the Karl University as early

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Academician Yaroslav Heyrovski

as the 1920s had amongst its pupils Dionis Il'kovich, who derived the mathematical equation for a current passing through a mercury drop electrode, serving as the basis for all further theoretical developments of electrode processes; Victor Kemulya (Poland), presently Professor at the Warsaw University; Rudolf Brdichka (Czechoslovakia), Academician and Director of the Institute of Physical Chemistry of the Czechoslovakian Academy of Sciences, introduced the method of polarographic reactions of proteins used for the diagnosis of liver diseases and cancers. Heyrovski is presently working on the so-called oscillographic polarography, which records the curves on a screen of a cathode oscillograph. These oscillograms also indicate the presence of organic compounds in the solution, whereas the ordinary polarographic method is not able to do so. Research on mercury electrodes is being carried out in two directions: application of capillaries dropping infinitely slowly (i.e., capillaries with a constant, non-changing drop) and capillaries dropping infinitely quickly (so-called mercury stream-like electrodes). The Polarographic Institute in Prague also renders assistance in applying the polarographic methods to practice. The personal plans of Academician Heyrovski include a study of the Brdichka reactions and opening a special labo- ✓

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Academician Yaroslav Heyrovski

S/063/60/005/003/004/011/XX  
A051/A029

ratory for this purpose, which would involve the study of this reaction from many standpoints, including its application to medicine. Heyrovski would also like to solve the initial problem, i.e., explain the phenomenon of maxima on the Kuchera curves, for which there is still no solution nor mathematical treatment. Heyrovski was 70 years old in 1960. ✓

Card 4/4



МАКHOBEHO, A. I.

PHASE I BOOK EXPLOITATION SOV/5055

Vesoyuznaya konferentsiya po treniyu i iznosu v mashinakh. 3d, 1958.

Oldrodinamicheskaya teoriya smazki. Opory stol'beniya. Smazka i smazochnyye materialy (Hydrodynamic Theory of Lubrication of Slip Bearings. Lubrication and Materials) Moscow, Izd-vo AN SSSR, 422 p. Strana slip inserted. 3,500 copies printed. (Series: Itsi trudy, v. 3)

Sponsoring Agency: Akademiya nauk SSSR, Institut mashinovedeniya. Resp. Eds. for the Section "Hydrodynamic Theory of Lubrication and Slip Bearings": Ye. M. Gut'yat, Professor, Doctor of Technical Sciences; and A. I. D'yachkov, Professor, Doctor of Technical Sciences; Resp. Ed. for the Section "Lubrication and Lubricant Materials": G. V. Vinogradov, Professor, Doctor of Chemical Sciences; Ed. of Publishing House: M. Ya. Kirbanov; Tech. Ed.: O. M. Gus'kova.

PURPOSE: This collection of articles is intended for practicing engineers and research scientists.

COVERAGE: The collection, published by the Institut mashinovedeniya AN SSSR (Institute of Science of Machines, Academy of Sciences USSR) contains papers presented at the 11th Vesoyuznaya konferentsiya po treniyu i iznosu v mashinakh (Third All-Union Conference on Friction and Wear of Machines) which was held April 9-15, 1958. Problems discussed were in Hydrodynamic Theory (Cont.) SOV/5055

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MAKHOVENKO, A.I.

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PHASE I BOOK EXPLOITATION NOV 1948

Академия наук СССР. Институт машиноведения  
Труды, том 1: Восьми научно-технических конференций (Transactions of  
Apparatus and Machine Science, Academy of Sciences, USSR,  
the Institute of Machine Science, Academy of Sciences, USSR,  
Vol 1. Scientific and Technical Conference of Aspirants  
and Junior Scientific Workers) Moscow, 1959. 182 p. Errata  
slip inserted. 1,000 copies printed.

Resp. Ed.: A.K. D'yachkov, Doctor of Technical Sciences, Professor;  
Tech. Ed.: B.K. Shorin.

PURPOSE: This book is intended for technical personnel engaged in  
the design of machines and mechanisms.

COVERAGE: This collection of scientific papers, presented at a  
conference held July 23, 1958 deals with the theory of machines  
and mechanisms, the design of machine parts, friction and wear  
in machines, and machine-building technology.

Краснобайков, В.М. Теоретический базис для Определения Точности  
от Шур Gear with N.L. Novikov Tooth Action 65

Короблев, В.С. Investigation of Resonance Properties of Mechanical  
Systems. Results of theoretical and experimental investigations of the  
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restoring force are discussed. 75

Матрихин, Л.А. Dynamics of the Transition Through Resonance of  
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With the Coupling to an Engine. These investigations  
vibrations of shafts with different moments of static instability are  
during transition through resonance. Simulations of motion and methods for their solu-  
tion are presented.

Осипов, К.А. Investigating the Process of Producing Splines on  
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Basic theoretical considerations on the selection of methods  
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planing are experimentally investigated and recommended as  
the most efficient methods for cutting splined shafts in large-  
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The effect of vibrations on the process of compacting molds by  
compaction is investigated. Results indicate that vibrations  
make it possible to obtain uniformity of density at compaction  
rates several times lower than those used in compaction  
without vibration.

Девкин, Л.Р. Investigation of Contact Areas of Rough Surfaces  
of elastic and plastic contact areas), the surface contact in  
and the material properties of two surfaces in contact are  
investigated. Results indicate that the shape of the actual  
contact area is considerably affected by the geometry of the  
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Крестьянин, М.В. Investigation of the Accuracy of Determining  
wear by the Method of Crescent-shaped Indentations 143  
An experimental investigation was made of the accuracy of  
determining metal wear by the indentation method, involving the  
measurement of the length and calculation of the reduction of  
depth of a crescent-shaped recess cut into the metal surface.  
The method of investigation and the special instruments used  
are described.

Маховенко, А.И. Investigation of Lubricant Circulation in a  
Bath of the Oil Bath of a Vertical-pivot Thrust Bearing Used  
in Large Hydraulic Turbines 155  
Lubricant flow in the bath and between shoes of a thrust  
bearing (without cooling) was investigated by a thermo-  
anemometric method. Friction machines, built for this purpose  
at the Hydrodynamic Laboratory, Institut Mashinova-  
deniya, Moscow (Institute of Machine Science, Academy of  
Sciences, USSR), is used. The results of the investigation  
are described.

Шурбуладов, Г.Дж. Investigation of Stresses in Frames With Plate-  
like Cross Sections 167  
The author discusses an experimental and theoretical investi-  
gation of stresses in composite and solid frame structures.  
The non-linear distributions of stresses and strains are  
shown in diagrams.

BILIK, Sh.M., doktor tekhn.nauk; D'YAGHKOV, A.K., doktor tekhn.nauk;  
MAKHOVENKO, A.I., inzh.; SHIROKIKH, V.P., inzh.

Antifriction materials for the end thrusts of diesel locomotives  
based on the compositions of stannous bronze and fluoroplast.  
Trudy TSNII MPS no.283:148-160 '64.

(MIRA 18:4)

MAKHOVER, E.S.

9148\* Protection of Underground Gas Mains From Outside Corrosion. In: *Praktiki nezhebnosti podzemnykh gasoprovodov ot vneshnei korrozii*. (Russian.) E. S. Makhover. *Gazovoe Pityazheniye*, 1958, no. 3, Mar. 1958, p. 20-23. Electrical equipment, proper anode grounding, electrodrainage, and cathodic protection used in preventing electrochemical corrosion of gas pipeline in contact with soil. Testing equipment. Diagrams, photograph.

*Match* *L*