MATYUSHIN, V. M.

26398 Usovershenstvovaniye geyometrii rezhushchikh zlementov pryamozubykh dolbyakov. Stanki i instrument, 1949, No. 8, s. 1-6.

SO: LETOPIS' NO. 35, 1949

MATYUSHIN, V.M., kandidat tekhnicheskikh nauk, dotsent; MALOV, A.N., retsenzent; LARIN, M.N., redaktor; MATVEYEVA, Ye.N., tekhnicheskiy redaktor

[Gear shaping] Zubodolblenie. Moskva, Gos. nauchno-tekhn. izd-vo Mashinostroit. i sudostroit. lit-ry, 1953. 183 p. [Microfilm] (Gearing) (MLRA 7:10)

MATYUSHIN, V. M.

USSR/ Miscellaneous - Industrial processes

Card 1/1

Author : Matyushin, V. M.

Title : Optimum thickness of teeth of standard gear-cutting tools

Periodical : Stan. i Instr., No. 5, 18 - 20, May 1954

Abstract : Proposal is made to manufacture standard type gear-cutting tools with increased thickness of teeth in order that the gear teeth should have a reduced thickness but standard height. Tables, drawings.

Institution : ...

Submitted : ...

MATYUSHIN, V. M.

USSR/Engineering - Gear cutting

Card : 1/1

Authors : Matyushin, V. M., Cand. Tech. Sc., Docent

Title : Comparison of the methods of milling and hobbing in gear cutting

Periodical : Vest. Mash., 34 Ed. 6, 46 - 49, June 1954

Abstract : The difference between the milling and hobbing methods of gear cutting is explained. The history of the transition from the molding of gears to the milling and hobbing methods is recounted, the former being found to be the earlier and to have started with small parts such as watch gears. The causes of lack of precision in milling gears with disks are explained. It is further shown how the milling method, which was generally considered to be outdated, can be made to produce more precise work than the hobbing method. Eight Russian references, latest 1953. Drawings.

Institution : ...

Submitted : ...

MATYUSHIN, V.M.

Standards for small module gear cutters. Stan.i instr. 26 no.9:31-33 S '55. (MLRA 9:1)
(Gearing--Standards)

MATYUSHIN, V. M., Doc Tech Sci -- (diss) "Basic Problems of Designing the Construction of Gear-cutting Intruments for Cylindrical Wheels." Mos, 1957, 31 pp, 1 sheet of graphs. (Min Higher Ed USSR, Mos Instr Inst im I. V. Stalin), 110 copies. (KL, 7-58, 110)

MATYUSHIN, V. M., Cand. Tech. Sci., Docent.

"Definition and Classification of Metal Cutting Tools"

in Recent Developments in the Design of Metal-cutting Tools, Moscow, Mashgiz, 1958, pp.229

In this collection of articles results are presented of investigations carried out at the chair of "Tool Making" of the Moscow Machine Tool and Tool Making Inst. im I. V. Stalin.

AVRUTIN, S.V., inzh.; BAKLUNOV, Ye.D., kand.tekhn.nauk; GLEYZER, L.A., kand.tekhn.nauk; YEFIMOV, V.P., kand.tekhn.nauk; KARTSEV, S.P., inzh.; KEDRINSKIY, V.N., inzh., laureat Leninskoy premii; KORZINKIN, V.I., inzh.; KOSILOVA, A.G., kand.tekhn.nauk; MALOV, A.N., kand.tekhn.nauk; MATYUSHIN, V.M., doktor tekhn.nauk; OSTRETSOV, G.V., kand.tekhn.nauk; PANCHENKO, K.P., kand.tekhn. nauk; PARFENOV, O.D., kand.tekhn.nauk; ROZHDESTVENSKIY, L.A., kand. tekhn.nauk; ROMANOV, V.F., kand.tekhn.nauk; SAVERIN, M.M., doktor tekhn. nauk; SAKHAROV, G.N., kand.tekhn.nauk; SOKOLOVSKIY, I.A., inzh.; FRUMIN, Yu.L., inzh.; SHISHKOV, V.A., doktor tekhn.nauk; ACHERKAN, N.S., prof., doktor tekhn.nauk, glavnyy red.; VLADISLAVLEV, V.S., red. [deceased]; POZDNYAKOV, S.N., red.; ROSTOVYKH, A.Ya., red.; STOLBIN, G.B., red.; CHERNAVSKIY, S.A., red.; KARGANOV, V.G., inzh., red. graficheskikh rabot; GIL'DENBERG, M.I., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Metalworking handbook; in five volumes] Spravochnik metallista v piati tomakh. Chleny red.soveta: V.S.Vladislavlev i dr. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.5. 1960. 1184 p. (MIRA 13:5)

(Metalwork)

25(6)
25(1)

S/028/60/000/05/008/027
D044/D006

AUTHOR: Matyushin, V.M.

TITLE: Rational Tooth Thicknesses of Standardized and Normalized Tooth-Cutting Tools

PERIODICAL: Standartizatsiya, 1960, Nr 5, pp 25-29 (USSR)

ABSTRACT: The article is concerned with determining tooth thickness in standardized and normalized tooth-cutting tools. In particular, it discusses the "GOST 1643-56" standard which specifies side clearance norms and gives particulars on how to make gear teeth thinner. The aforementioned GOST standard is based on the formula $S_{th} = \frac{\pi m}{2} \pm \Delta S_n$, where S_{th} is tooth thickness, π -hollow width, m - pitch, and $\pm \Delta S_n$ - obligatory tooth thickening or tapering. In contrast to the 1946 standard, this one gives four couplings of gear wheels (fig. 1) with different dimensions of the guaranteed side clearance among which are the following: 1) neutral guaranteed side clearance (D); 2) normal guaranteed side clearance (Kh); 3) increased guaranteed side clearance (Sh). The

Card 1/2

S/028/60/000/05/008/027
D044/D006

Rational Tooth Thicknesses of Standardized and Normalized Tooth-Cutting Tools

article then gives a detailed description how to determine the thickening of finishing tooth-cutting instruments to cut cylindrical gear wheels and tooth thickness tolerances according to the "GOST 1643-56" standard. This description can also be applied to determine dimensions for tools intended to cut conical gear wheels with tolerances according to the "GOST 1758-56" standard ("Conical Drive Wheels. Tolerances"). In conclusion, certain points of the German standard DIN 3937 are recommended. There are 2 tables, 3 diagrams, and 1 graph.

Card 2/2

SEMENCHENKO, Ivan Ivanovich, doktor tekhn. nauk, prof., zasl. deyatel' nauki i tekhniki; MATYUSHIN, Valentin Mikhaylovich, doktor tekhn. nauk, prof.; SAKHAROV, Georgiy Nikolayevich, kand. tekhn. nauk, dots.; SHEVCHENKO, N.A., doktor tekhn. nauk, prof., rets.; IVANOVA, N.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Design and construction of metal-cutting tools] Proektirovanie metallorezhushchikh instrumentov. Pod red. I.I.Semenchenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 952 p. (MIRA 15:2)

(Metal-cutting tools)

MATYUSHIN, Viktor Nikolayevich; IL'IN, I.M., red.; TRUKHANOVA, A.N., red.; IL'YUSHENKOVA, T.P., tekhn. red.

[The journal-voucher accounting system in construction organizations] Zhurnal'no-ordernaia forma schetovodstva v stroitel'nykh organizatsiiakh. Moskva, Iskusstvo, 1963. 222 p. (MIRA 17:3)

L 24846-66 EWT(1)/EWT(m) IJP(c)

ACC NR: AP6007813 SOURCE CODE: UR/0120/66/000/001/0080/0083

38
9

AUTHOR: Gus'kov, B. N.; Matyushin, A. T.; Matyushin, V. T.

ORG: Joint Institute of Nuclear Research, Dubna (Ob"yedinennyy institut yadernykh issledovaniy)

TITLE: Series power supply for the gaps in a spark chamber

19

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1966, 80-83

TOPIC TAGS: spark gap, spark chamber, power supply, particle track

ABSTRACT: The authors compare the operation of series-fed and parallel-fed spark chambers. A multigap neon chamber was used in the experiment. The basic parameters of the chamber with both types of power supply are given and the experimental method is briefly outlined together with an explanation of the formulas used for calculating "chamber efficiency". This term is defined as

$$\eta = \frac{1}{n}\sum_{i=1}^{n}\eta_i = \frac{1}{nN}\sum_{i=1}^{n}k_i,$$

where η_i is the registration efficiency of a gap, N is the number of particle transits, and k_i is the number of ignitions of the i-th gap. The registration efficiency of a

Card 1/2 UDC: 539.1.073

single spark gap is the ratio of the number of ignitions to the number of particle transits. It was found that the chamber efficiency in the case of series connected spark gaps is higher than that of a parallel-fed chamber when the supply voltages are identical. The increase in efficiency when the supply voltage is raised and the reduction in frequency as related to the pulse delay is steeper for the series power supply. The memory time of the chamber for both types of connection is approximately identical both with and without a clearing field. The tracks of the sparks are thinner and more uniform with series gap connection due to the fact that the current is the same for all gaps. No special measurements were made of the chamber efficiency for the case of simultaneous registration of several particles. However, it is pointed out that several particles were registered simultaneously at a comparatively low electric field strength in the gap in the case of a series-connected power supply. The multitrack efficiency of the chamber may be improved by increasing the duration or amplitude of the high-voltage pulse. Orig. art. has: 8 figures, 2 formulas.

SUB CODE: 18/ SUBM DATE: 15Jan65/ ORIG REF: 002/ OTH REF: 001

ACC NR: AP6034221 SOURCE CODE: UR/0120/66/000/005/0075/0078

AUTHOR: Matyushin, A. T.; Matyushin, V. T.

ORG: Joint Nuclear Research Institute, Dubna (Ob'yedinennyy institut yadernykh issledovaniy)

TITLE: A symmetric system of wire electrodes in an isotropic spark chamber

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1966, 75-78

TOPIC TAGS: spark chamber, cosmic ray particle, wire electrode

ABSTRACT: The tracks of charged particles moving at arbitrary angles to the direction of the electric field can be recorded in an isotropic spark chamber with a symmetric system of wire electrodes. To obtain the streamer conditions of operation, high-voltage pulses with a steep leading edge and of controlled duration and amplitude are applied to the wire electrodes. Both the impedance of the electrodes and the possibility of optimizing the structure of the spark chamber are analyzed. A special spark chamber was constructed to test the efficiency of the wire electrodes. It has the following parameters: $a = 1.2$ mm, $r_0 = 0.05$ mm, $D = 300$ mm, where a is the space between the electrodes, r_0 is the radius of the wires, and D is the discharge gap. The chamber was tested with cosmic ray particles. It was found that a symmetric system of electrodes is capable of operation in an isotropic spark chamber; coronas were not observed on the wire electrodes when voltage pulses of up to $E_0 = 70$—80

 UDC: 539.1.05

ACC NR: AP6034221

kv/cm were applied. Coordinates of the particle tracks, especially of the "z-projection", were determined with high accuracy. It is indicated that in some cases an isotropic chamber consisting of two or three equal symmetric gaps can be more advantageous. The difference in the luminosity of the particle tracks was not strongly expressed. This is attributed to the influence of the shape of electrodes. Orig. art. has: 5 formulas and 3 figures.

SUB CODE: 14,20/ SUBM DATE: 07Aug65/ ORIG REF: 008/ OTH REF: 005

Card 2/2

YERIKHOV, A.V., inzh.; MATYUSHIN, Ye.G.

Semiautomatic machine for assembling and multielectrode welding of grid articles. Svar. proizv. no.9:38-39 S '64. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.

L 43134-66 EWT(d)/EWT(m)/EWP(k)/EWP(h)/EWP(l)/EWP(v)/EWP(t)/EWP(k)/EWT IJP(c)
ACC NR: AP6025608 SOURCE CODE: UR/0413/66/000/013/0049/0050
JD/HM/EM

INVENTOR: Mirkin, A. M.; Matyushin, Ye. G.

ORG: none

TITLE: Attachment for multispot resistance welding. Class 21, No. 183299

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 49-50

TOPIC TAGS: welding, spot welding, multispot welding, honeycomb structure

ABSTRACT: This Author Certificate introduces an attachment for multispot resistance welding primarily of screens or honeycomb structures. The attachment (see Fig. 1) consists of two rows of electrodes, with the upper row mounted in vertical holders and the bottom row (1) in horizontal holders, and a mechanism which holds and moves the structure during welding. The bottom electrode row is mounted on common base (2) which can be withdrawn from its working position. To simplify the design, the structure-holding mechanism is equipped with clamps 5

Card 1/2 UDC: 621.791.763.1.037

L 41134-66
ACC NR: AP6025608

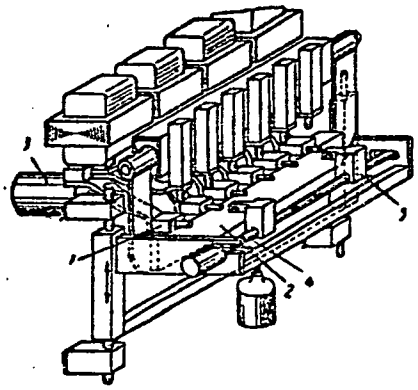


Fig. 1. Attachment for multispot resistance welding.

1 — Horizontal holders of bottom electrodes; 2 — base; 3 — pneumatic cylinder; 4 — rod; 5 — clamps.

mounted on rod 4 and a drive for moving the workpiece for a preset distance equal to the multiple electrode-pitch. Orig. art. has: 1 figure. [DV]

SUB CODE: 13/ SUBM DATE: 06Jul62/
ATD PRESS: 5057

Card 2/2 hs

GRABLEVSKIY, V.N.; KULISH, Ye.Ye.; MATYUSHINA, N.A.; POPOVA, G.L.; POTAPOV, S.P.; SAVITSKIY, P.S.; TERKHOVA, V.N.; FRADKIN, G.M.; LABAZNOV, V.I., red.; VLASOVA, N.A., tekhn.red.

[Isotopes, radiation sources, and radioactive materials; a catalog] Izotopy, istochniki izlucheniia i radioaktivnye materialy; katalog. Sost. avtorskim kollektivom: V.N.Grablevskii i dr. Moskva, Izd-vo Glav.uprav.po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1959. 269 p. (MIRA 12:12)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye po ispol'zovaniyu atomnoy energii.
(Radioactive substances)

DYKHOVA, Z.I.; MATYUSHINA, N.A.; MOSKVINA, M.M.; PROKOF'YEVA, G.F.; KHARLAMOV, V.T.; CHIRKOV, Ye.F.; FODOR, G.; FILIP, I.

[Radioactive isotopes and labeled compounds; a catalog] Radioaktivnye isotopy i mechenye soedineniia; katalog. Moskva, Atomizdat, 1964. 341 p. (MIRA 18:1)

1. Sovet ekonomicheskoy vzaimopomoshchi. Postoyannaya komissiya po ispol'zovaniyu energii v mirnykh tselyakh.

SOROKINA, N.Ye.; MATYUSHINA, N.I.

Particle boards with veneered frames. Der.prom. 10 no.10: 28 O '61. (MIRA 14:9)

1. Saratovskiy derevoobrabatyvayushchiy kombinat.
(Hardboard) (Veneers and veneering)

MATYUSHINA, N.V.

28-58-2-7/41

AUTHORS: Smolyarenko, D.A., Candidate of Technical Sciences, Matyushina, N.V., Kaplan, A.S., Engineers

TITLE: The Coordination Order for Technical Specifications for Products of the Ferrous Metal Industry (Poryadok soglasovaniya tekhnicheskikh usloviy na produktsiyu chërnoy metallurgii)

PERIODICAL: Standartizatsiya, 1958, Nr 2, pp 21-23 (USSR)

ABSTRACT: Information and comments are given on a new regulation developed and approved by the Central Scientific Research Institute of Ferrous Metallurgy at the Gosplan SSSR in agreement with the Komitet standartov, mer i izmeratel'nykh priborov pri Sovete Ministrov SSSR(Committee of Standards, Measures and Measuring Devices at the Council of Ministers of USSR) and the Gosplans of USSR, RSFSR and UkrSSR. The tekhnicheskiye usloviya (Technical Specifications) will be a standard bi-lateral document valid only when approved both by supplier and consumer, and can apply to single suppliers and consumers as well as to entire industry branches. The specifications will be set up only for new, experimental, production not yet included into state standards, or for production that is specific for single consumers. The regulation indicates the rules of coordinating

Card 1/3

The Coordination Order for Technical Specifications for Products of the Ferrous Metal Industry

and approval of the specifications with obligatory participation of the Sovnarkhozes and Scientific Research Institutes which are the bases of separate industry branches. All specifications will be registered at the Scientific Research Institutes where they will be provided with a number making them valid. The Institutes will examine the specifications for correctness of form, correspondence to standards and already existing specifications. They will have to reduce the quantity of different metal grades, select the best, organize information exchanges between plants, and give recommendations to consumers. Approval of technical specifications has to be the logical final step in development of a work. As one such instance there is mentioned the specification for converter steel blown through with oxygen - the result of research work done by TsNIIChM jointly with Zavod imeni Petrovskogo (Plant imeni Petrovskiy). The Dnyepropetrovsk Sovnarkhoz approved for the process a temporary specification designated " ChMTU / TsNIIChM 1-57 " (valid until 1959). The last part of

The Coordination Order for Technical Specifications for Products of the Ferrous Metal Industry

the regulation concerns the numbering system for the specifications (illustrated by examples in the article). The originals of approved specifications will be kept at the corresponding Scientific Research Institutes.

ASSOCIATION: TsNII chërnoy metallurgii (Central Research Institute of Ferrous Metallurgy)

AVAILABLE: Library of Congress

Card 3/3 1. Metal industry-Standards 2. Specifications-Standardization 3. Standardization-USSR

SOV/28-58-5-9/37

AUTHOR: Smolyarenko, D.A., Candidate of Technical Sciences; Kaplan, A.S. and Matyushina, N.V., Engineers

TITLE: The Technical Conditions for New Types of Production in Ferrous Metallurgy (Tekhnicheskiye usloviya na novyye vidy produktsii v chërnoy metallurgii)

PERIODICAL: Standartizatsiya, 1958, Nr 5, pp 37 - 39 (USSR)

ABSTRACT: The article reviews briefly the characteristics of the technical requirements for a number of production groups and new grades of steel and alloys.

ASSOCIATION: TsNIIChERMET

1. Steel--Standards

Card 1/1

SMOLYARENKO, D.A.; MATYUSHINA, N.V.; KAPLAN, A.S.; GORZHEVSKAYA, A.V.. Prinimali uchastiye: ULINSKAYA, Ye.I.; BARYSHEVA, I.V.; ROMAS, P.D.. AVRUTSKAYA, R.F., red.izd-va; ISLENT'YEVA, P.G., tekhn. red.

[List of specifications in effect for products of ferrous metallurgy] Perechen' deistvuiushchikh tekhnicheskikh uslovii na produktsiiu chernoi metallurgii; po sostoianiiu na 1 ianvaria 1959 g. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 115 p. (MIRA 13:2)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. 2. Laboratoriya standartizatsii TSentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii (for Smolyarenko, Matyushina, Kaplan, Gorzhevskaya). 3. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut (for Ulinskaya). 4. Nauchno-issledovatel'skiy institut metiznoy promyshlennosti (for Baryshева). 5. Ukrainskiy institut metallov (for Romas).
(Iron--Specifications) (Steel--Specifications)

ADRIANOVA, V.P.; ANDREYEV, T.V.; ARANOVICH, M.S.; BARSKIY, B.S.; GROMOV, N.P.; GUREVICH, B.Ye.; DVORIN, S.S.; YERMOLAYEV, N.F.; ZVOLINSKIY, I.S.; KABLUKOVSKIY, A.F.; KAPKLOVICH, A.P.; KASHCHENKO, D.S.; KLIMOVITSKIY, M.D.; KOLOSOV, M.I.; KOROLEV, A.A.; KOCHINEV, Ye.V.; LESKOV, A.V.; LIVSHITS, M.A.; MATYUSHINA, N.V.; MOROZOV, A.N.; POLUKAROV, D.I.; RAVDEL', P.G.; ROKOTYAN, Ye.S.; SMOLYARENKO, D.A.; SOKOLOV, A.N.; USHKIN, I.N.; SHAPIRO, B.S.; EPSHTEYN, Z.D.; AVRUTSKAYA, R.F., red. izd-va; KARASEV, A.I., tekhn.red.

[Brief handbook on metallurgy, 1960] Kratkii spravochnik metallurga, 1960. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 369 p. (MIRA 13:7)
(Metallurgy)

S/028/60/000/008/007/010
B013/B054

AUTHORS: Pridantsev, M. V., Levinzon, Kh.Sh., Matyushina, N. V.

TITLE: Thermally Treated Plate- and Wide-strip Carbon Steel

PERIODICAL: Standartizatsiya, 1960, No. 8, pp. 37 - 38

TEXT: The Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy) and other scientific research organizations found during investigations that the use of thermal hardening is well convenient in metallurgical mass production. Preliminary calculations have shown that its economic profit will much exceed the costs of its introduction into mass production. The Komitet standartov, mer i izmeritel'nykh priborov (Bureau of Standards, Measures, and Measuring Instruments) approved a new standard ГОСТ 9458-60 (GOST 9458-60) "Thermally Treated Plate- and Wide-strip Carbon Steel. Technical Specifications". It comes into force on October 1, 1960. It comprises plates and wide strips from 6 to 40 mm thickness produced from one metal sort. The same mechanical properties are established for all thicknesses. The mechanical properties of

Card 1/2

Thermally Treated Plate- and Wide-strip Carbon Steel

S/028/60/000/008/007/010
B013/B054

thermally treated steels are mainly determined by 2 factors: the carbon content, and the plate thickness. According to GOST 9458-60, consumers are entitled to demand the supply of thermally hardened steel for welded constructions with a carbon content of no more than 0.20% and a sulfur content of no more than 0.050%. GOST 9458-60 has a limited running time of 2 years. Afterwards, it will be modified and defined more precisely on the basis of experience collected.

Card 2/2

SMOLYARENKO, D.A.; MATYUSHINA, N.V.; KAPLAN, A.S.

Technical specifications for new kinds of ferrous metallurgy products. Standartizatsiia 24 no.3:31-35 Mr '60. (MIRA 13:6)

(Steel--Classification)

MATIUSHINA, E. V.

Requirements of United States standards for structural carbon and alloyed steels. Standartizatsiia 24 no.10:70-74 O '60.
(MIRA 13:10)
(United States--Steel, Structural--Standards)

MATYUSHINA, N.V.

Requirements of United States standards of corrosion-resistant and heat-resistant steels. Standartizatsiia 25 no. 5:60-61 My '61. (MIRA 14:5)

(United States—Steel—Steel—Standards)

MATIUSHINA, N.V.

Working committee "Mechanical Metal Testing." Standartizatsiia 25 no.11:52-53 N '61. (MIRA 14:11)
(Metals--Testing--Standards)

MATYUSHINA, N.V.

Trends in the standardization in metallurgy. Standartizatsiia 26 no.1:30-34 Ja '62. (MIRA 15:1)
(Metallurgy--Standards)

BUKHANOVSKIY, Igor' Lavrent'yevich, kand. tekhn.nauk, kapitan dal'nego plavaniya; MATYUSHINA, S.P., red.; KLAPTSOVA, T.F., tekhn. red.

[Radar methods for preventing collisions at sea] Radiolokatsionnye metody preduprezhdeniia stolknovenii sudov v more. Moskva, Izd-vo "Morskoi transport," 1962. 135 p. (MIRA 15:5)
(Collisions at sea--Prevention)
(Radar in navigation)

NELYUBIN, Vitaliy Yakovlevich; MATYUSHINA, S.P., red.; TIKHONOVA, Ye.A., tekhn. red.

[Amu Darya] Amu-Dar'ia. Moskva, Izd-vo "Morskoi transport," 1963. 130 p. (MIRA 16:6)
(Amu Darya--Navigation)

ASSOROV, Feliks Georgiyevich; PONOMAREV, Ivan Makarovich; SHPIKOV, Boris Izraylevich; MATYUSHINA, S.P., red.; TIKHONOVA, Ye.A., tekhn. red.

[Fire extinguishing on merchant ships] Tushenie pozharov na morskikh sudakh. Moskva, Izd-vo "Morskoi transport," 1963. 94 p. (MIRA 17:2)

PONOMAREV, Ivan Makarovich; MATYUSHINA, S.P., red.; TIKHONOVA, Ye.A., tekhn. red.

[Fire prevention in the merchant marine] Pozharnaia profilaktika na morskom transporte. Moskva, Izd-vo "Morskoi transport," 1963. 167 p. (MIRA 16:6)
(Merchant ships—Fire and fire prevention)

SKRYAGIN, Lev Nikolayevich; MATYUSHINA, S.P., red.

[On the tracks of marine catastrophes] Po sledam morskikh katastrof. Moskva, Transport, 1965. 254 p.
(MIRA 18:4)

PAVLOV, S.A., doktor tekhnicheskikh nauk, professor; MATYUSHINA, Ye.V., kandidat tekhnicheskikh nauk.

Change of hair properties of sheepskin fur during dressing and dyeing. Leg. prom. 15 no.11:28-30 N '55. (MLRA 9:2)
(Hides and skins)

MATYUSHINA, Ye.V., kand.tekhn.nauk

Method of determining fur hair damage by the amount of nitrogen and sulfur in volatile compounds. Nauch.-issl.trudy NIIMP no.9:12-23 '59. (MIRA 14:5)

(Fur--Testing)

MATYUSHINA, Ye.V., kand. tekhn. nauk; RZHELSHEVSKAYA, G.S., kand. tekhn. nauk

Method for the analysis of direct black dyes during the process of dyeing of sheep pelts. Nauch. issl. trudy NIIMP no.12:88-103 '63. (MIRA 17:11)

MATYUSHINA, Z.V.

Early diagnosis of tuberculous meningitis in adults. Sov. med. 19 no.10:27-31 O '55. (MLRA 8:12)

1. Iz IV terapevticheskogo otdeleniya (zav.--prof. I.E. Sorkin) Moskovskogo oblastnogo nauchno-issledovatel'skogo tuberkuleznogo instituta.
(TUBERCULOSIS, MENINGEAL, diagnosis early)

MATYUSHINA, Z.V.

Case of successful use of ACTH in hypersensitivity to PAS.
Sov.med. 22 no.9:133-135 S '58 (MIRA 11:11)

1. Iz terapevticheskogo otdeleniya (zav. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. N.A. Shmelev) Instituta tuberkuleza AMN SSSR (dir. - kand.med.nauk Z.A. Lebedeva).
(PARA-AMINOSALICYLIC ACID, inj.eff.
hypersensitivity, ther., ACTH, (Rus))
(ACTH, ther. use
PAS hypersensitivity (Rus))

MATYUSHINA, Z.V., aspirant

Use of adrenocorticotrophic hormone for eliminating the side effects of antibacterial preparations in tuberculosis [with summary in French]. Probl.tub. 36 no.1:28-33 '58. (MIRA 11:4)

1. Iz terapevticheskogo otdeleniya (zav. - prof. N.A.Shmelev) Instituta tuberkuleza AMN S SSR (dir. Z.A.Lebedeva)

(TUBERCULOSIS, PULMONARY, ther.
chemother., with ACTH for elimination of side-effects (Rus)
(ACTH, ther. use
tuberc., pulm., for elimination of side-effects in chemother. (Rus))

MATYUSHINA, Z.V., Cand Med Sci -- (diss) "Use of the adrenocorticotropic hormone (ACTH) in tuberculosis. (Clinical and Experimental Study)." Mos, 1959, 18 pp (Acad Med Sci USSR) 200 copies (KL, 33-59, 121)

POLYAKOVA, L.A.; MATYUSHINA, Z.V.

Significance of Thorn's eosinophil test for the diagnosis of the functional state of the adrenal cortex in patients with tuberculosis. Probl.tub. 39 no.1:100-103 '61. (MIRA 14:1)

1. Iz kliniko-diagnosticheskoy laboratorii (zav. - kand.med.nauk Ye.D. Timasheva) i terapevticheskogo otdeleniya Instituta tuberkuleza AMN SSSR dir. - chlen-korrespondent AMN SSSR prof. N.A. Shmelev.

(ADRENAL CORTEX) (TUBERCULOSIS)

MATYUSHINETS, A. M.

USSR/Chemistry - Selenium Organic Compounds Jul-Aug 53

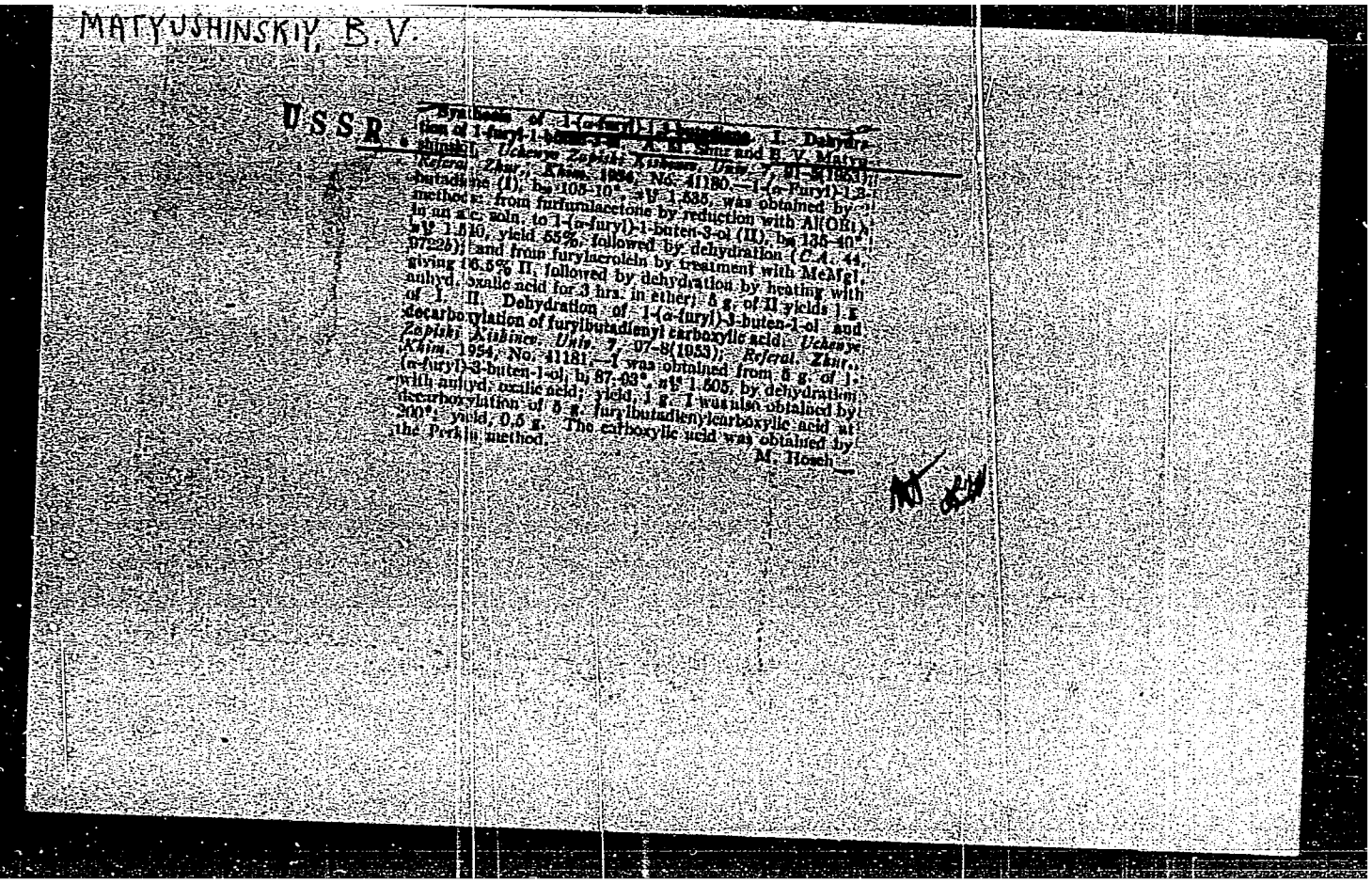
"Interaction of Methylene Bases of the Benzselenazol Series With Halogen Compounds," F.S. Babichev, A.M. Matyushinets, D.F. Mironova, Chair of Org Chem, Kiev State U

Ukrain Khim Zhur, Vol 19, No 4, pp 405-412.

Investigated the reactions of 2-methylene-3-methylbenzselenazoline and 2-methylene--3,5,6-trimethylbenzselenazoline with methyl iodide, ethyl iodide, the ethyl ester of iodoacetic acid, and benzoyl chloride. Describes the products obtained. 268T12

MATYUSHENETS, Ya.

Whales and whalers. Vokrug sveta no.6:22-26 Je '53. (MLRA 6:6)
(Whaling)


MATYUSHINSKIY, B.V.

USSR

Synthesis of 1-(α-furyl)-1,3-butadiene. I. Dehydration of 1-furyl-1-butene-3-ol. A. P. Terent'ev and B. V. Matyushinskiĭ. *Uchenye Zapiski Kishinev. Univ.*, 7, 97-8(1953). *Referat. Zhur., Khim.*, 1954, No. 41180.—1-(α-Furyl)-1,3-butadiene (I), bp 105-10°, n_D^{20} 1.535, was obtained by 3 methods: from furfurylacetone by reduction with $Al(OEt)_3$ in an alc. soln. to 1-(α-furyl)-1-buten-3-ol (II), bp 135-40°, n_D^{20} 1.510, yield 55%, followed by dehydration (*C.A.* 44, 9722b); and from furylacrolein by treatment with MeMgI, giving 16.5% II, followed by dehydration by heating with anhyd. oxalic acid for 3 hrs. in ether; 5 g. of II yields 1 g. of I. II. Dehydration of 1-(α-furyl)-3-buten-1-ol and decarboxylation of furylbutadienyl carboxylic acid. *Uchenye Zapiski Kishinev. Univ.*, 7, 97-8(1953); *Referat. Zhur., Khim.*, 1954, No. 41181.—I was obtained from 5 g. of 1-(α-furyl)-3-buten-1-ol, bp 87-93°, n_D^{20} 1.505, by dehydration with anhyd. oxalic acid; yield, 1 g. I was also obtained by decarboxylation of 5 g. furylbutadienylcarboxylic acid at 200°; yield, 0.5 g. The carboxylic acid was obtained by the Perkin method.

M. Hoch

NOVOKHATKA, D.A.; MATYUSHINSKIY, B.V.; MOKHOVA, V.S.

Synthesis of diphenylolpropane by alkylation of phenol with methylacetylene. Zhur. VKHO 8 no.5:593-594 '63.
(MIRA 17:1)

1. Lisichanskiy filial Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza.

MATYUSHKIN, A.M.; SOKHIN, F.A.

All-Union Congress on the Philosophical Problems Concerning the Physiology of the Higher Nervous Activity and Psychology. Vop. psikhol. 8 no.4:172-182 Jl-Ag '62. (MIRA 16:1)
(PSYCHOLOGY--CONGRESSES) (NERVOUS SYSTEM)

13

IGNATOV, K.V., tekhn.; LEVIN, Ye.M., tekhn.; MATYUSHKIN, A.M.

Making sectional worm and thread-milling cutters. Mash.Bel. no.4:102-111 '57. (MIRA 11:9)
(Screw-cutting machines)

MATYUSHKIN, D.

Potentials for the increase of labor productivity in agriculture.
Vop. ekon. no.1:69-76 Ja '60. (MIRA 13:1)

1.Pervyy sekretar' Krasnodarskogo kraykoma Kommunisticheskoy partii Sovetskogo Soyuza.
(Krasnodar Territory--Agriculture--Labor productivity)

MATYUSHKIN, D.M.; SHKUDOVA, R.I., red.; SAYTANIDI, L.D., tekhn.red.

[Rapid expansion of poultry raising in the Kuban] Ptitsevodstvo Kubani na krutom pod"eme. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1959. 33 p. (MIRA 14:1)
(Kuban--Poultry)

1. MATYUSHKIN, D. P.

2. USSR (600)

4. Vvedenskiy, Nikolai Evgen'evich, 1952-1922

7. Literature for the 100th anniversary of N. Ye. Vvedenskiy's birthday. Fiziol. zhur. 39, No. 2, 1953.

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

MATYUSHKIN, D.P.

Reflex after-effect (after-discharge) in neural centers of the spinal cord. Fiziol. zh. SSSR 39 no.6:689-698 Nov-Dec 1953. (CIML 25:5)

1. Department of Normal Physiology of First Leningrad Medical Institute imeni I. P. Pavlov.

MATYUSHKIN, D.P.

Functional state of spinal nerve centers in reflex after-potential. (MLRA 8:2)
Fiziol. zhur. 40 no.6:684-690 N-D '54.

1. Kafedra normal'noy fiziologii I Leningradskogo meditsinskogo instituta im. I.P.Pavlova.
(NERVES, SPINAL, physiology,
after-potential)

MATYUSHKIN, D.P.

EXCERPTA MEDICA Sec.2 Vol.10/2 Physiology,etc Feb57

816. MATIUSHKIN D. P. Dept. of Normal Physiol., Ped. Med. Inst. of Leningrad. *Unconditioned orientation reflex to sound and its fading in rabbits FIZIOL. Ž. 1956, 42/8 (639-647) Illus. 5 (Russian text)

Ear movements of rabbits in response to sounds of different intensity, pitch and duration (from 1-5 sec.) were kymographically recorded with mechanical transmission. There is no consistent relationship between the extent of ear movements and the physical characteristics of the sound. Removal of the cerebral cortex does not abolish this reflex, and delays its fading on repetition (in intact animals about 3 to 4 repeats, in operated animals about 12 repeats).

Simonson - Minneapolis, Minn.

NATYUSHKIN, D.P.

Analyzing the strength-duration curve constructed for the excitation of the motor area of the cerebral cortex. Fiziol.zhur. 46 no.8:933-940 Ag '60. (MIRA 13:8)

1. From the Chair of normal physiology, Paediatric Medical Institute, Leningrad.
(CEREBRAL CORTEX) (ELECTROPHYSIOLOGY)

MATYUSHKIN, D.P.

Presence of phasic and tonic neuromotor units in the oculomotor apparatus of rabbits. Fiziol. zhur. 47 no.7:878-883 Jl '61. (MIRA 15:1)

1. From the Department of Physiology, Paediatric Medical Institute, Leningrad.

(EYE--MUSCLES) (ELECTROMYOGRAPHY)
(OCULOMOTOR NERVE)

GLEBOVSKIY, V.D. (Leningrad); MATYUSHKIN, D.P. (Leningrad)

Review of the collection, "Motor visceral reflexes in their physiology and clinical aspects." Fiziol. zhur. 48 no.1:106-107 Ja '62. (MIRA 15:2)

(REFLEXES) (VISCERA)

MATYUSHKIN, D.P.

Characteristics of the motor neurons of the nucleus of the trochlear nerve innervating the phasic fibers of the musculus obliquus oculi superior. Fiziol. zhur. 48 no.2:188-194 F '62. (MIRA 15:2)

1. From the Department of Physiology, Paediatric Medical Institute, Leningrad.

(EYE--MUSCLES) (OCULOMOTOR NERVE)

MATYUSHKIN, D.P.

Motor innervation of the tonic muscle fibers of the oculomotor apparatus. Fiziol.zhur. 48 no.5:534-539 My '62. (MIRA 15:8)

1. Kafedra normal'noy fiziologii Pediatricheskogo meditsinskogo instituta, Leningrad.
(OCULOMOTOR NERVE) (EYE--MUSCLES)

MATYUSHKIN, D.P.

Use of a photgraphic attachment with a cathode oscillograph as a photokymograph. Biul. eksp. biol. i med. 53 no.4:121-122 Ap '62. (MIRA 15:4)

1. Iz kafedry normal'noy fiziologii Leningradskogo pediatricheskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR V.M.Karsikom.

(KYMOGRAPH) (CATHODE RAY OSCILLAGRAPH)

MATYUSHKIN, D.P.

Two motor systems in the oculomotor apparatus of higher animals. Fiziol. zhur. 49 no.5:603-608 My '63. (MIRA 17:11)

1. Kafedra normal'noy fiziologii Pediatricheskogo meditsinskogo instituta, Leningrad.

MATYUSHKIN, D.P.

Variations in tonic muscle fibers of the oculomotor apparatus in rabbits. Biul. eksp. biol. i med. 55 no.3:3-6 Mr '63. (MIRA 18:2)

1. Iz kafedry normal'noy fiziologii (zav. - prof. D.G. Kvasov) Leningradskogo pediatricheskogo meditsinskogo instituta. Submitted January 22, 1962.

MATYUSHKIN, D.P.

Development of phasic oculomotor units in rabbits during postnatal ontogenesis. Fiziol. zhur. 50 no.8:1045-1051 Ag '64. (MIRA 18:12)

1. Kafedra normal'noy fiziologii Pediatricheskogo meditsinskogo instituta, Leningrad.

BR

ACCESSION NR: AP4013495 S/0181/64/006/002/0402/0408

AUTHORS: Yeremenko, V. V.; Matyushkin, E. V.

TITLE: Spectral dependence of photoconductivity in crystals of cadmium sulfide during steady and pulsing excitation

SOURCE: Fizika tverdogo tela, v. 6, no. 2, 1964, 402-408

TOPIC TAGS: photoconductivity, semiconductor, cadmium sulfide, ISSh 500 lamp, MOM 4 megohmmeter, light absorption, diffusion length, UM 2 monochromator, IO 4 oscillograph

ABSTRACT: The light source for photoelectric excitation was an ISSh-500 lamp. The signal was recorded by an IO-4 pulsed oscillograph, and the steady photoconductivity was measured by means of an MOM-4 megohmmeter. Results showed that the ratio of the initial amplitude of the segment of slow decay to the full amplitude of the pulse declines sharply with decrease in wavelength of the exciting light. The segment of slow decay in the long-wave zone is better defined by an exponent than the short-wave zone. The spectral dependence of the full amplitude of the photocurrent pulse and the initial amplitude of the long-wave segment, like the

Card 1/2

ACCESSION NR: AP4013495

spectral distribution of steady photoconductivity, have a well-defined maximum. The relaxation time, even at low temperatures, is sharply dependent on wavelength of the exciting light. It was found that at 77K, the maximums of spectral dependence (for amplitudes of photocurrent pulses) correspond to maximums of the absorption coefficient, even for samples that exhibit minimums in the same parts of the spectrum for steady photocurrent. Investigation of pulsating photocurrent at low temperatures and a comparison of the spectral dependence with the absorption spectrum permit the determination of both the exciton and electron parameters of diffusion length, the rate of surface annihilation (recombination), and the coefficient of diffusion. "In conclusion, we take this opportunity to express our sincere thanks to Professor B. I. Verkin, corresponding member of the AN UkrSSR, for his interest in the work and for his support." Orig. art. has: 6 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut nizkikh temperatur AN UkrSSR, Khar'kov (Physicotechnical Institute of Low Temperatures AN UkrSSR)

SUBMITTED: 25Jul63 DATE ACQ: 03Mar64 ENCL: 00

SUB CODE: EC, SS NO REF SOV: 014 OTHER: 008

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001033020002-0"

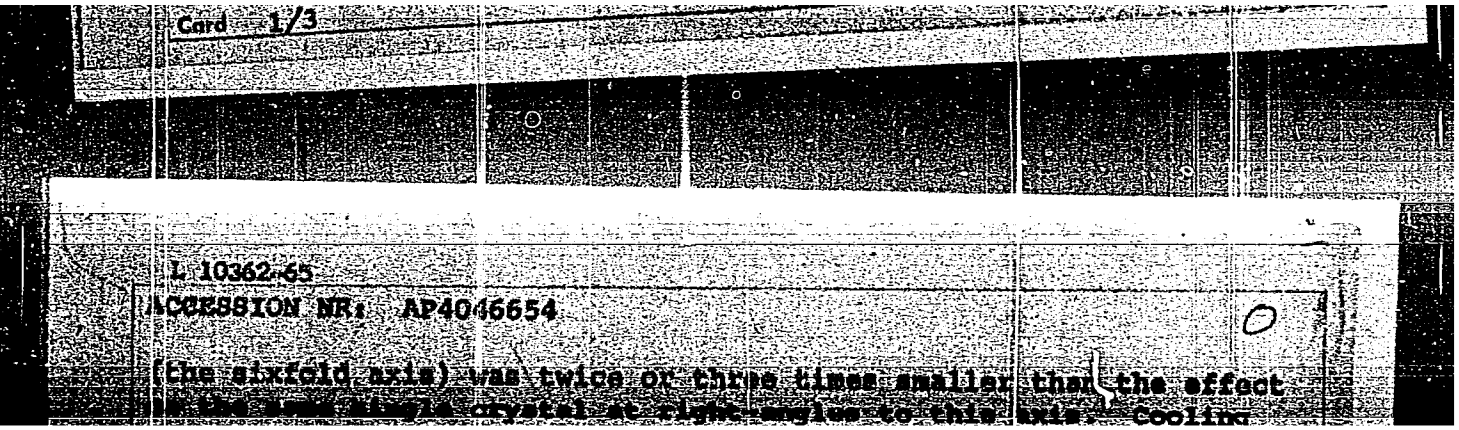
ACCESSION NR: AP4046654

AUTHORS: Yaremenko, V. V.; Kovner, M. N.; Matyushin, E. V.

TITLE: Effect of uniaxial compression on the electric conductivity and photoconductivity of cadmium sulfide single crystals

SOURCE: Fizika tverdogo tela, v. 6, no. 10, 1964, 3190-3192

TOPIC TAGS: cadmium sulfide, single crystal, electric conductivity, photoconductivity, compression ratio, crystal lattice defect



Card 1/3

L 10362-65

ACCESSION NR: AP4046654

(the sixfold axis) was twice or three times smaller than the effect

ACC NR: AP7001974 SOURCE CODE: GE/0030/66/018/002/0683/0686

AUTHOR: Eremenko, V. V.; Matyushkin, E. V.; Petrov, S. V.

ORG: Physico-Technical Institute of Low Temperatures of the Ukrainian Academy of Sciences, Khar'kov

TITLE: Study of energy transfer from 3d to 4f electrons in antiferromagnetic crystals of manganese fluoride doped with europium 3 ions

SOURCE: Physica status solidi, v. 18, no. 2, 1966, 683-686

TOPIC TAGS: crystal, luminescence, electron energy, doped crystal, energy transfer, manganese fluoride, europium, ion, antiferromagnetic material, manganese compound, fluoride

ABSTRACT: In order to determine the effect of magnetic ordering of the spins of excited Mn^{2+} ions on the efficiency of the energy transfer from 3d electrons of Mn^{2+} to 4f electrons of Eu^{3+}, the spectrum and luminescence intensity of the antiferromagnetic crystals $MnF_2:Eu^{3+}$ are investigated experimentally for temperatures between 20 and 90K. This range includes the magnetic ordering temperature $T_N(\approx 68K)$. At the temperature $T_H(\approx 0.5T_N)$, corresponding to the —

ACC NR: AP7001974

spin ordering of the excited Mn^{2+} ions, the luminescence intensity due to these ions shows a sudden increase while the luminescence intensity due to the Eu^{3+} ions suffers a sudden decrease. This indicates that an anomalous change occurs in the transfer of energy between the Mn^{2+} and Eu^{3+} ions due to the condensation of the local magnetic vibrations of the optically excited Mn^{2+} ions. Orig. art. has: 3 figures. [Authors' abstract] [DW]

SUB CODE: 20/SUBM DATE: 13Sep66/ORIG REF: 003/OTH REF: 007/

Card 2/2

Matyushkin, M.A.

AUTHOR: Levin, E.M., Ignatov, K.V. and Matyushkin, M.A. 121-2-8/20

TITLE: The manufacture of built-up hobbing cutters (Izgotovleniye sbornykh chervyachnykh frez)

PERIODICAL: "Stanki i Instrument" (Machine Tools and Tools), 1957, No.2, pp. 28 - 29 (U.S.S.R.)

ABSTRACT: Some details of production based on the experience of the Minsk Tractor Plant (Minskiy Traktornyy Zavod) are reported. The hobbing cutter has longitudinal slots in which cutting racks are inserted locked in the slot by a wedge. The whole assembly is secured by ring nuts at each end. The body is made of chromium tool steel and heat treated to 30 Rockwell C hardness. The cutting racks are made of 18% tungsten high speed steel. The machining set-ups for cutting the slots and for sharpening the cutting racks in a stack are illustrated. The maching allowances are given. Two set-ups for milling the cutting racks are shown depending on the size. A machining set-up and details of wedge machining and the assembly fixture are illustrated.
There are 8 figures.

AVAILABLE:

1/1

MATYUSHKIN, N.I., kand.istoricheskikh nauk, dotsent

Communist manifesto of today. Izv. TSKhA no.5:7-19 '61. (MIRA 14:12)
(Communism)

MATYUSHKIN, N. I. kand.istor.nauk

Socialist nations on the road to communism. Komm.Vooruzh. Sil 3 no.23:13-21 D '62. (MIRA 16:2)
(Russia—Armed forces)
(Nationalities)

MATYUSHKIN, N.I., kand. istoricheskikh nauk, dotsent

Science and communist ideology are inseparable. Izv. TSKHA no.4:7-15 '63. (MIRA 17:1)

85-58-7-25/45

AUTHOR: Matyushkin, V., Senior Inspector-Pilot, Tul'skiy oblastnoy komitet DOSAAF (Tul'skaya oblast' DOSAAF Committee) (Tula)

TITLE: Tula Parachutists Are Getting Ready (Parashyutisty Tuly na starte)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 7, p 17 (USSR)

ABSTRACT: The author claims that credit for the well-organized training program of parachutists at the Tul'skiy aeroklub (Tula Aeroclub) goes to its large staff of public instructors headed by N.V. Breykin, Master of Sports. Three new parachute towers will be completed in Tul'skaya oblast' during the current month. There is 1 photograph.

ASSOCIATION: Tul'skaya oblast' DOSAAF Committee

1. Parachute jumping--USSR 2. Parachute jumping--Training devices

Card 1/1

KUZNETSOV, G.V.; MATYUSHKIN, Ye.N.

Snow leopard goes hunting. Priroda 51 no.12:65-67 D '62.
(MIRA 15:12)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Talas Ala-Tau--Snow leopard)

MATYUSHKIN, Ye.N.

Notes on the fall migration of sandpipers in the Volga Delta. Trudy Astr.zap. no.8:295-307 '63. (MIRA 18:10)

KULESHOVA, L.V.; MATYUSHKIN, Ye.N.; KUZNETSOV, G.V.

Ornithogeographical review of the Khekhtsir Range (Amur Valley).
Ornitologiia no.7:97-107 '65. (MIRA 18:10)

MATYUSHKINA, A. P.

YEFISHEV, I.I.; PROKHOROV, A.V.; MATYUSHKINA, A.P.

Elimination of sulfate turpentine during the production process.
Bum.prom. 29 no.6:23-25 Je '54. (MLRA 7:8)

1. Segezhskiy tsellyulozno-bumazhnyy kombinat.
(Wood pulp) (Turpentine)

MATYUSHKINA, Antonina Petrovna; PANKRASHOV, A.P., red.; POD"YEL'SKAYA, K.M., tekhn.red.

[Segezhda Order of Lenin Woodpulp and Paper Combine] Segezhskii ordena Lenina tselliulozno-bumazhnyi kombinat. Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1956. 29 p.

(MIRA 13:11)

(Segezha--Paper industry)

YEFISHEV, I.I.; MATYUSHKINA, A.P.; PROKHOROV, A.V.

New method of purifying sulfate turpentine. Bum.prom. 31 no.6: 22-23 Je '56. (MLRA 9:8)

1. Segezhskiy tsellyulozno-bumazhnyy kombinat.
(Turpentine)

MATYUSHKINA, A.P.; PETRONIO, V.N.; KOMSHILOV, N.F.; KATAYEV, A.I.

Stearins from tall oil pitch. Bum.prom. 33 no.11:19-21 N '58. (MIRA 13:8)

1. Segezhskiy ordena Lenina tsellyulozno-bumazhnyy kombinat (for Matushkina, Petronio). 2. Laboratoriya lesokhimii Karel'skogo filiala AN SSSR (for Komshilov, Katayev).
(Stearin) (Tall oil)

MATYUSHKINA, A.P., inzh.

Paper technicians of Karelia improving the equipment and economics of the production. Bum.prom. 37 no.3:5-6 Mr '62. (MIRA 15:3)
(Karelia--Paper industry)

VASIL'YEV, Ye.A., red.; YERMAKOV, V.I., red.; KALUZHSKIY, N.A., red.; KOMSHILOV, N.F., red.; MATYUSHKINA, A.P., red.; KIKIN:OV, G.V., red.; RAYEVSKAYA, V.S., red.; SHCHEMELEVA, A.V., red.

[Materials of the Conference on the Overall Use of Wood] Materialy Konferentsii po kompleksnomu ispol'zovaniiu drevesiny. Petrozavodsk, Karel'skoe knizhnoe izd-vo, 1964. 306 p. (MIRA 18:1)

1. Konferentsiya po kompleksnomu ispol'zovaniyu drevesiny, Petrozavodsk, 1961.

MATYUSHKINA, Antonina Petrovna; TRUBIN, M.I., red.

[What forest chemistry has to say; discussion on the wood-pulp industry of Karelia, a constituent part of "b... chemistry"] Slovo lesokhimii; beseda o tselliulozno-bumazhnoi promyshlennosti Karelii - sostavnoi chasti "bol'-shoi khimii." Petrozavodsk, Karel'skoe knizhnoe izd-vo, 1964. 49 p. (MIRA 17:10)

N.A.

MATYUSHKINA, NA.; SMIRNOV, K.N.; TRUBITSYNA, G.A.

Physiological analysis of thermoregulation of the body during exposure to cold combined with physical exercise. Opyt izuch.reg. fiziol.funk.no.3:231-241 '54. (MLRA 8:12)

1. Fiziologicheskaya laboratoriya Kursov usovershenstvovaniya ofitserov po fizicheskomu obrazovaniyu i Laboratoriya ekologicheskoy fiziologii Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR.
(BODY TEMPERATURE) (COLD--PHYSIOLOGICAL EFFECT) (EXERCISE)

FD-2250

USSR/Biology - Physiology

Card 1/1 Pub 17-1/20

Author : Smirnov, K. M.; Matyushkina, N. A.

Title : Physiologic characteristics of the pre-starting state. Report IV: The effect of preliminary muscular work on athletes under various prestarting state conditions

Periodical : Byul. eksp. biol. i med. 3, 3-5, Mar 1955

Abstract : Investigated the relative effects of muscular activity and the quiescent state on the response of athletes to the starting signal. In connection with the above, studied variations in the amount of oxygen consumption in a group of trained athletes under various conditions in the laboratory and gymnasium, before training and before athletic contests. Six references, all USSR, 4 since 1940.

Institution: The Military Institute of Physical Culture and Sport imeni B. L. Lenin

Submitted : 10 March 1954. Presented by V. N. Chernigovskiy, Member of the Academy of Medical Sciences USSR

MATYUSHKINA, N.

USSR/Human and Animal Physiology - Neuro-Muscular Physiology. V-11

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4361

Author : N. Matyushkina

Inst :

Title : Thermoregulation Characteristics in Man under Conditions of Dosed and of Maximal Tension Work.

Orig Pub : Fiziol. zh. SSSR, 1956, 42, No 11, 939-945

Abstract : Body temperature changes after work (rise of 32.5 cm 20 times in 1 min, during 10 minutes) indoors (30-34°) and outdoors (40°) were about the same in the same persons, but different in different persons. They were less marked in acclimatized people, and especially so in non-acclimatized sportsmen. Changes were almost absent in native sportsmen. Experiments were also carried, at an air temperature of 36-38° in the shade and a ground temperature of 60-70°, on people having lived

Card 1/2

MATYUSHKINA, N.A., kand.biologicheskikh nauk; TIKHONOV, A.M., kand. pedagogicheskikh nauk

Features of work in light protective clothing (without artificial microclimate) on dry land and under water). Voen.-med. zhur. no.11:48-52 N '61. (MIRA 15:6)
(CLOTHING, PROTECTIVE)
(WORK) (MEDICINE, MILITARY)

VEYDNER-DUMBROVIN, L.A.; MATYUSHKINA, V.A.

Effect of acute disturbance of the [illegible]-hour rhythm of vital functions on man's occupational [illegible]ncy. Vop. psikhol. no.4:61-68 Jl-Ag '64.

(MIRA 17:1.)

1. Institut fizicheskoy kul'tury im. [illegible]ftа, Leningrad.

L 8446-65 EWG(j)/EWG(r)/EWT(1)/A/FS(v)-3/EWG(v)/EWG(a)/EWG(c) Pe-5/Pb-4 AMD DD

ACCESSION NR: AP4043063 S/0245/64/000/004/0061/0068

AUTHOR: Veydner-Dubrovin, L. A.; Matyushkina, N. A. B

TITLE: The effect of strongly altering the daily rhythm of functions on the professional working ability of man

SOURCE: Voprosy* psikhologii, no. 4, 1964, 61-68

TOPIC TAGS: environmental physiology, daily rhythm, man, circadian rhythm, work efficiency

ABSTRACT: To test the effects of sharply altering the human daily working rhythm, 115 healthy males aged 20—22 years were studied during an expedition which lasted for 5 days. Subjects were also studied under normal working conditions. Tests entailed the accomplishment of complex tasks following fatigue brought on by long trips by truck (500 km) and following vigilance or duty during various periods of the day. The average duration of the tests was 80 sec. Data ob-
tained from the tests indicated that a sharp alteration of daily ac-

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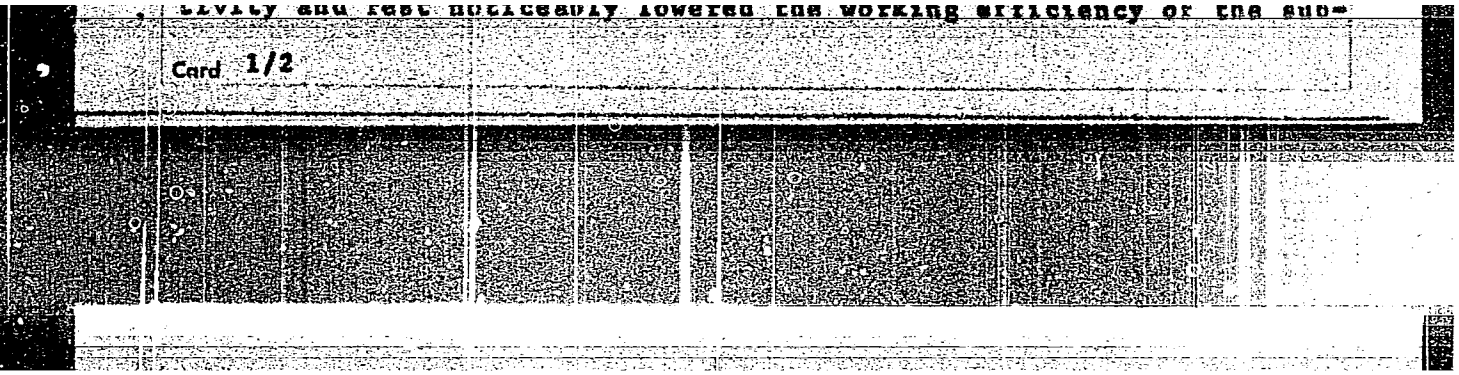

L 8446-65
ACCESSION NR: AP4043063

jects which was reflected by the longer times (10--37%) required to complete the tests. There was also more variability in the working efficiency and a loss of coordination in test subjects. Less variability in efficiency was noted in tests which primarily involved rapid tasks. Orig. art. has: 3 tables and 4 figures.

ASSOCIATION: Institut fizicheskoy kul'tury* im. P. F. Lesgafta.