Tyumeneva, S. T.

SELYUTIN, A.A., inzh.; TYUMENEVA, S.T., inzh., red.; GVIRTS, V.L.,tekhn.red.

[Device for controlling the profile of screws and gear cutters with large angle feed] Prisposoblenie dlia kontrolia profilia cherviakov i chervlachnykh frez s bol'shimi uglami pod'ema. Leningrad, 1955. 9 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.109(797))
(Screw-cutting machines)

PROKOP'IEVA, A.N.; GRINZAYD, Ye.L.; TYUMENEVA, S.T., red.; GVIRTS, V.L., tekhn.red.

[Spectrum analysis of nickel; practices of cooperation of a plant with the M.I.Kalinin Polytechnic Institute in Leningrad] Spektral'nyi analiz nikelia; iz opyta tvorcheskogo sodruzhestva zavoda s Leningradskim politekhnicheskim institutom im. M.I.Kalinina. Leningrad, 1955. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.48(736)) (MIRA 10:12)

(Nickel--Spectra)

Tyumeneva, S.T.

MIKHAYLOV, F.M., inzh.; TYUMENEVA, S.T., inzh., red.; FREGER, D.P., tekhn.red.

[Practical use of ultrasonic defectoscopes for detecting internal flaws in forgings for difficult conditions] Prakticheskoe ispol'zovanie ul'trazvukovogo defektoskopa po vyiavleniiu vnutrennikh defektov v pokovkakh otvetstvennogo naznacheniia. Leningrad, 1955. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.106(794)) (MIRA 10:12)
(Ultrasonic waves--Industrial applications)
(Forging--Quality control)

ALYAPYSHEV, Vladimir Georgiyevich; TYUMENEVA, S.T., inzh., red.; SHILLING, V.A., izd.red.; BELOGUROVA, I.A., tekhn.red.

[Multiple-spot strain measuring of cyclodynamic processes] Opyt mnogotochechnogo tenzometrirovaniia tsiklodinamicheskikh protsessov. Leningrad, 1960. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody obrabotki metallov, no.7). (MIRA 14:6)

(Strain gauges)

TYUMENEVA, S. T.

SPIVAK, Izrail' Moiseyevich; TYUMENEVA, S.T., inzh., red.; FREGER, D.P., tekhn.red.

[An electric-light instrument for checking screw threads] Electrosvetovoi pribor dlia kontrolia rez'b. Leningrad, 1956. 2 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.9. Kontrol' kachestva produktsii) (MIRA 10:12)
(Electric instruments) (Screw threads)

Tyumeneva

UST'YANTSEVA, Mariya Petrovna; TYUMENEVA, S.T., inzh.red.; FREGER, D.P., tekhn.red.

[Quantitative determination of copper and steel by means of steeloscopes] Kolichestvennoe opredelenie medi v stali posredstvom stiloskopa. Leningrad, 1956. 4 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.5. Kontrol' kachestva produktsii) (MLRA 10:12)
(Steel--Spectra)

KARYAKIN, Arkadiy Vasil'yevich, kand.tekhn.nauk; TYUMENEVA, S.T., inzh.,red.; FREGER, D.P., tekhn.red.

[Luminescent defectoscopy] Liuminestsentnaia defektoskopiia. Leningrad, 1956. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.17. Kontrol' kachestva produktsii) (MIRA 10:12)
(Ultraviolet rays--Industrial applications)

TYUMENTSEV, A.I.

Compacted soils, soil-bitumen, and soil-cement compositions in foreign hydraulic engineering practices. Trudy NIIVTa no.16:64-68 '64. (MIRA 18:4)

TYUMENTSEV, F.

We are improving the miners' work organization. Sov. profsoiuzy 3 no.6:37-39 Je '55. (MLRA 8:8)

1. Predsedatel' komiteta profsoyuza shakhty imeni Voroshilova (Kuzbass) (Kuznetsk Basin--Coal mines and mining)

IVAN'YEV, L.N.; OVINTSOV, M.M.; OKLADNIKOV, A.P.; PAVLOVSKIY, Ye.V.; TYUMENTSEV, I.V.; FLORENSOV, N.A.

Iosif Viacheslavovich Armbovskii; obituary. Biul. Kom. chetv. per. no.21:141-143 '57. (MLRA 10:6)
(Arembovskii, Iosif Viacheslavovich, 1907-1956)

TYUMENTSEV, N.F., kand. biol. nauk.

Experience in subsurface tillage of fallow land. Zemledelie 6 no.5: 35-36 My '58. (MIRA 11:6)
(Tomsk Province—Plowing)

USSR/Cultivated Plants. Technical Plants. Oil and Sugar Bearing Plants. II

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68282

Author : Zaytsev, P. A., Slavnina, T. P., Tyumentsev, N. F.

Inst : ~~Tomsk~~ University.

Title : Utilizing Peat-Bog Podsolic Soils for Planting Fiber-Flax in the Northern Rayons of Tomsk Oblast'.

Orig Pub : Tr. Tomskogo un-ta, 1957, 140, 113-119

Abstract : No abstract.

Card : 1/1

Country : USSR
Category : Cultivated Plants. General. M

Abs Jour : RZhBiol., No 6, 1959, No 24793

Author : Tyumentsev, N. F.
Inst : Tomsk University.
Title : Effect of Fertilizers on the Qualitative Characteristics of Field Cultivated Plants.
Orig Pub : Tr. Tomskogo un-ta, 1957, 140, 214-228

Abstract : Data of the Tomsk Experimental Station and Sort Districts on the effect of fertilizers on maturing periods, disease affections, grain and hay harvests, protein content in the grain and sowing properties of the seeds of field crops. A brief literature review is submitted. The bibliography consists of 19 titles.

Card : 1/1

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M.

Abs Jour : RZhBiol., No 6, 1959, No 24823

Author :
Inst :
Title :

Abstract : recommended, when widening the sowing area at the expense of forests, to leave forest screens as a protection against freezing and to increase the level of agricultural engineering (introduce black fallow, apply fertilization and take snow-retaining measures).

Card : 2/2

TYUMENTSEV, I.I.; BOCHKAREV, V.R.

Power engineers of the Altai region and the Rubtsovsk industrial district are fighting for savings in electric power. Prom. energ. 15 no.12:49 D '60. (MIRA 13:12)
(Altai Territory--Electric power)

GRANINA, A.; TYUMENTSEV, N.

Nina Afanas'evna Epova, obituary. Izv. Vses. geog. ob-va 93 no.4: 348-349 Jl - Ag '61. (MIRA 14:7)
(Epova, Nina Afanas'evna, 1903 - 1960)

TYUMENTSEV, N.F.

Brief results of the evaluation of collective farm soils in Tomsk Province. Pochvovedenie no.9:67-78 S '61. (MIRA 14:10)
(Tomsk Province--Soils--Classification)

TYUMENTSEV, N.F., kand.biol.nauk

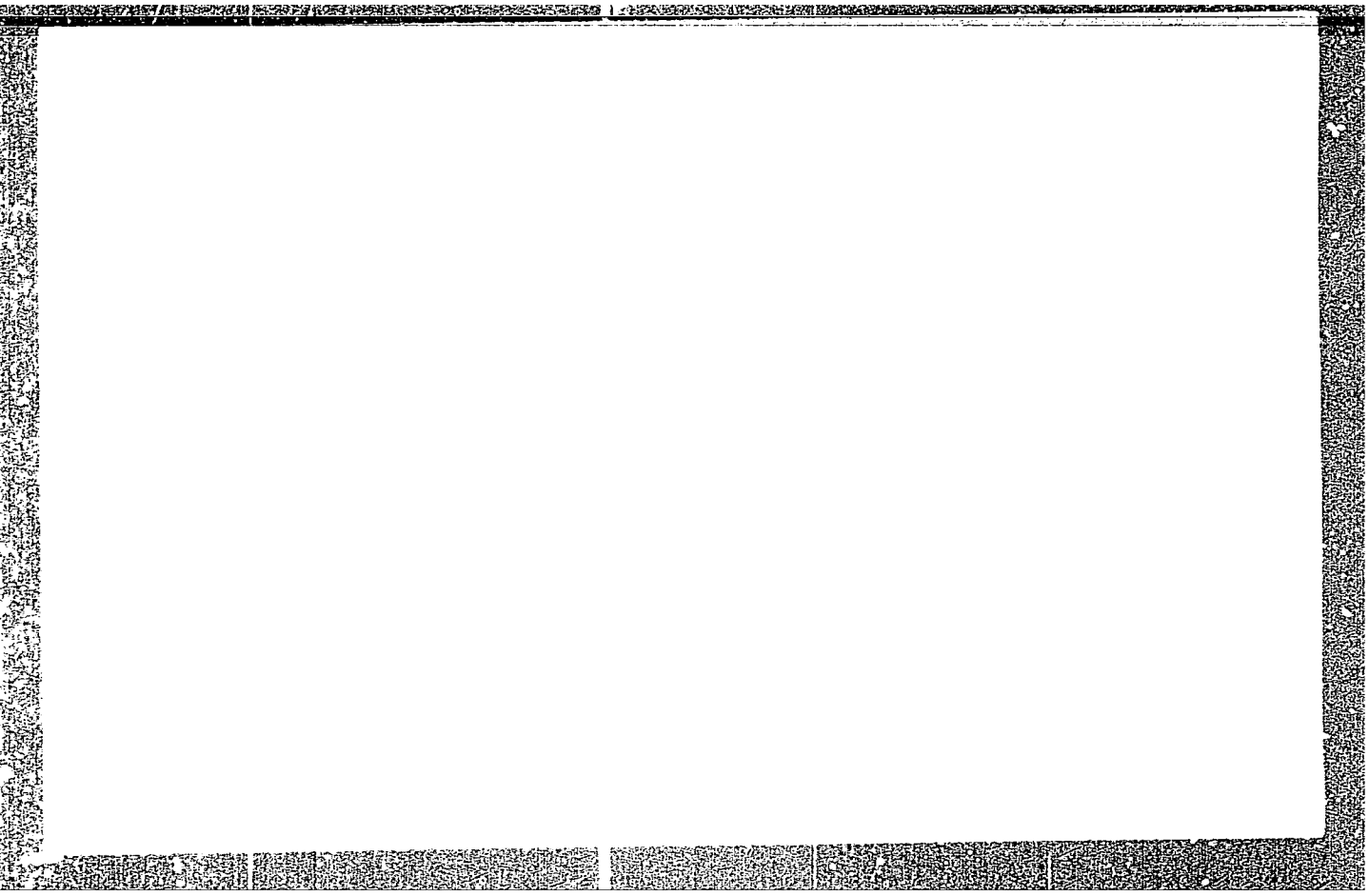
Threat to the soils of Western Siberia. Priroda 50 no.4:53-57 Ap '61. (MIRA 14:4)

1. Tomskiy gosudarstvennyy pedagogicheskiy institut.
(Siberia, Western—Erosion)

TYUMENTSEV, N.F.

Effectiveness of fertilizer application to soils of the non-Chernozem zone of the Ob region. Pochvovedenie no.3:76-80 Mr '59. (MIRA 12:11)

1. Tomskiy gosuniversitet.
(Ob Valley--Soils) (Fertilizers and manures)



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TYUMENTSEV, N.F.

A beauty of the Siberian Taiga. Trudy Tom. obl kraeved. muz. 6 no.1: 16-17 '62. (MIRA 17:11)

1. Tomskiy gosudarstvennyy universitet.

TYUMENTSEV, N.F.; KRYLOV, G.V.

Reviews and bibliography. Izv. SO AN SSSR no.4 Ser. biol.-med.nauk no.1:150-153 '65. (MIRA 18:8)

KOZHOV, M.M.; TYUMENTSEV, N.V.

Biological effects of level fluctuations in Lake Baikal. Biul. MOIP. Otd. biol. 65 no. 4:149-150 Jl-Ag '60. (MIRA 13:10)
(BAIKAL, LAKE--FRESH-WATER BIOLOGY)

KOZHOV, M.M., prof., doktor biolog.nauk; MISHARIN, K.I., dotsent, kand. biolog.nauk. Prinimali uchastiye: TOMILOV, A.A., kand.biolog.nauk; POPOV, P.F., kand.biolog.nauk; YEGOROV, A.G., kand.biolog.nauk; TUGARINA, P.Ya., kand.biolog.nauk; TYUMENTSEV, N.V., nauchnyy sotrudnik; ASKHAYEV, M.G., nauchnyy sotrudnik; NIKOLAYEVA, Ye.P., nauchnyy sotrudnik; KARTUSHIN, A.I., nauchnyy sotrudnik; STEHLYAGOVA, M.A., nauchnyy sotrudnik; KORYAKOV, Ye.A.; SPELIT, K.K., inzh.; ARTYUNIN, I.M., inzh.; OKUNEV, P.M.; SHNIPER, R.I., rabotnik. SHAFIROVA, A.S., red.; SOROKINA, T.I., tekhn.red.

[Fishes and commercial fishing in Lake Baikal] Ryby i rybnoe khoziaistvo v basseine ozera Baikal. Irkutskoe knizhnoe izd-vo, 1958. 745 p. (MIRA 12:4)

1. Sotrudniki Irkutskogo gosuniversiteta (for Misharin, Tomilov, Popov, Yegorov, Tugarina). 2. Sotrudnik Baykal'skoy limnologicheskoy stantsii Akademii nauk SSSR (for Koryakov). 3. Baykalrybtrest (for Spolit, Artyunin). 4. Gosplan Buryat-Mongol'skoy ASSR (for Shniper). (Baikal, Lake--Fisheries)

TYUMENTSEV, N.V.

35924 SOKOLOV, N.I. TYUMENTSEV, N.V. K voprosu O nakhodke elephas trogontherii poli., V basseyne R. angary, (geol. ocherk.) doklady akad. nauk sssr, novaya seriya, T. LXIX, No. 3, 1949, T. 413-15.- bibliogr: 13 nazv.

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

IVANOV, A.D.; TYUMENTSEV, N.V.

From the life of ants. Priroda 47 no. 7:119 Jl '58. (MIRA 11:8)

1. Irkutskiy gosudarstvennyy universitet im. A.A.Zhdanova.
(Angara Valley--Ants)

IVAN'YEV, L.N.; TYUMENTSEV, N.V.

In memory of I.V.Arembovskii. Izv.Vses.geog.ob-va 87 no.1:74-76 Ja-F '55. (MLRA 8:4)
(Arembovskii, Iosif Viacheslavovich, 1907-1954)

AUTHORS: Ivanov, A.D., Tyumentsev, N.V. 26-58-7-41/58

TITLE: On the Life of the Ants (Iz zhizni murav ev)

PERIODICAL: Priroda, 1958, Nr 7, p 119 (USSR)

ABSTRACT: On excursions to the islands and right bank of the Angara river during the summer, the authors found out how ants protect themselves from floods and frost. An investigated ant hill reached to a depth 1 to 1.5 m below ground. An upper layer of black earth was 15 to 20 cm thick, while the ensuing layer of about 1 m thickness consisted of clayey soil. In this layer, large amounts of ants and larvae were found. Passage openings were arranged in a way that they could be sealed immediately before any imminent danger. This explained the survival of ants over a period of floods covering the ant hillock entirely. On the eve of an extended bad weather spell ants were seen scurrying in the vicinity of their hillock and collecting material to cover and close the outside openings.

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On the Life of the Ants

26-58-7-41/48

ASSOCIATION: Irkutskiy gosudarstvennyy universitet imeni A.A. Zhdanova (The Irkutsk State University imeni A.A. Zhdanov)

1. Ants--USSR

Card 2/2

KOZHOV, M.M.; TYUMENTSEV, N.V.

Biological consequences of level variations in Lake Baikal.
Biul. MOIP. Otd. biol. 66 no.3:32-39 My-Je '61. (MIRA 14:6)
(BAIKAL, LAKE—LIMNOLOGY)

TYUMENTSEV, S.N.

Producing septicemia in the tent caterpillar Dendrolimus sibiricus by spores of Bacillus dendrolimus Talalaev devoid of parasporal inclusions. Mikrobiologiia 32 no.5:879-884 S-O'63 (MIRA 17:2)

1. Gosudarstvennyy universitet im. A.A.Zhdanova, Irkutsk.

TYUMENTSEV, S.N.

Bacteriological diagnosis of the carriage of bacilli by Dendrolimus Tschtv. caterpillars infected with septicemia by Bac. dendrolimus Talalaev. Mikrobiologiia 33 no.3:483-486 My-Je '64. (MIRA 18:12)

1. Gosudarstvennyy universitet imeni A.A.Zhdanova, Irkutsk.
Submitted February 11, 1963.

KUCHIN, V.V.; KURTS, V.V.; TYUMEROV, A.I.; TYUMENTSEV, V.G.

Reduction of oxidized copper by the products of thermooxidative pyrolysis of natural gas in pyrorefining. Gaz. prom. 10 no.9:45-47 '65. (MIRA 18:11)

TYUMENTSEV, V.P.; KONEVSKIY, I.G.

Selection of brushes for d.c. machines. Prom. energ. 13 no.5:12 My '58. (MIRA 11:8)
(Brushes, Electric)

VLASOV, V.M.; VASIL'YEVA, A.A.; TYUMENTSEVA, G.P.

Synthesis of acetals of acetylenic secondary-tertiary glycols based on Favorskii rearrangement. Izv.AN SSSR.Ser.khim. no.12:2202-2204 '65. (MIRA 18:12)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR. Submitted April 6, 1965.

ZABOROV, V.I., kand.tekhn.nauk; ROSIN, G.S., inzh.; TYUMENTSEVA, L.P., inzh.

Device for determining dynamic properties of elastic materials. Stroi.mat. 6 no.4:39-40 Ap '60. (MIRA 13:6)
(Acoustical materials—Testing)

ZABOROV, V.I.; TYUMENTSEVA, L.P.

Calculation of the insulation of impact noise taking local crumpling into account. Akust. zhur. 11 no.1:57-61 '65.
(MIRA 18:4)

1. Ural'skiy gosudarstvennyy nauchno-issledovatel'skiy institut sbornykh zhelezobetonnykh izdeliy i konstruktsiy, Chelyabinsk.

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AUTHORS: Zaborov. V.I., Rosin, G.S. and Tyumentseva, L.P.

TITLE: An instrument for determining dynamic properties of elastic materials

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 1, 1961, 27, abstract 1 A188 (Stroit. materialy, no. 4, 1960, 39-40)

TEXT: The description is given of an instrument for determining the elasticity modulus and loss factor of anti-vibration and sound-absorbing isolating pads. The instrument was designed at the Ural branch of the Building and Architecture Academy of the USSR. The modulus of electricity is determined by means of an electro-dynamical vibrometer from the velocity of propagation of acoustical waves in the sample; the loss factor - from the width of the resonance curve. The experimental results are given of the analysis of foam plastic, of wood fiber plates, etc. together with graphs of the

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An instrument for determining...

dependence of the elasticity moduli of those materials on frequency of vibrations. The largest loss factors (0.56) are exhibited by the foam plastic. (ПХВ (PKhV)), by the mineral felt with synthetic binding (0.27) and by the hair fel (0.23). 2 figures.

Card 2/2

FOMINYKH, V.A.; TYUMENOV, A.I.; KUCHIN, V.V.; ISKANDEROV, E.M.

Practices in the roasting of pyrite concentrates of the Altyn Topkan Combine in furnaces with a fluidized bed. Khim.prom. 41 no.6:466-468 Je '65. (MIRA 18:8)

KUCHIN, V.V.; KURTS, V.V.; TYUMEROV, A.I.; TYUMENTSEV, V.G.

Reduction of oxidized copper by the products of thermooxidative pyrolysis of natural gas in pyrorefining. Gaz. prom. 10 no.9:45-47 '65. (MIRA 18:11)

YEGOROV, N.N., kand.sel'skokhoz.nauk; LIVADIN, M.V., kand.sel'skokhoz.nauk; TYUMIKOV, S.S., assistent

Chlorinated turpentine for controlling insects. Zashch. rast. ot vred. i bol. 7 no.2:27 F '62. (MIRA 15:12)

1. Voronezhskiy lesotekhnicheskiy institut.
(Insecticides)

TYUMIN, A.,

Group technical activities. Prof.-tekh. obr. 15 no.8:27 Ag '58.
(MIRA 11:8)

1.Master proizvodstvennogo obucheniya stroitel'noy shkoly No. 2, Gor'kovskaya oblast'.
(Building trades--Study and teaching)

AUTHOR: Tyumin, A. SOV-27-58-8-17/27

TITLE: The Technical Self-Help of a Group (Tekhnicheskaya samodeyatel'nost' gruppy)

PERIODICAL: Professional'no-tekhnicheskoye obrazovaniye, 1958, Nr 8, page 27 (USSR)

ABSTRACT: The author tells how Building School Nr 2 of Gor'kiy Oblast overcame a shortage of training aids by producing them in the school.

1. Training devices--Production

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GRITSAY, V., inzh.; TYUMIN, I., inzh.

Rapid assembling on combined schedules. Zhil. stroi. no.5:12 '65.
(MIRA 18:7)

ACC NR: AT7007633 SOURCE CODE: UR/0000/66/000/000/0037/0043

AUTHOR: Tyumin, I. A.; Yefimov, B. A.; Chizhukhin, G. N.

ORG: none

TITLE: Series of logic circuits using biax-type elements

SOURCE: Vsesoyuznoye soveshchaniye po magnitnym elementam avtomatiki i vychislitel'noy tekhniki. 10th, Kaunas, 1964. Magnitnyye elementy vychislitel'noy tekhniki (Magnetic elements in computer engineering); trudy soveshchaniya, pt. 2. Moscow, Izd-vo Nauka, 37-43

TOPIC TAGS: logic circuit, magnetic circuit, switching circuit

ABSTRACT: Design and operation is described of a series of logic circuits based on biax elements made from VT-5 ferrite material and measuring 1.2 x 1.2 x 1.7 mm with 0.5 x 0.5 mm apertures. The circuits were tested using a pulse generator, and output signals were amplified by a P608A transistor amplifier capable of delivering 0.5 amp to a load. The following logic circuits were tested and optimum parameters measured: 1) NOT circuit: optimum read, write, and input currents are 0.4, 0.35, and 0.15 amp, respectively; output S/N is 25. 2) NOR circuit: read and write currents on both 0.35—0.4 amp, inhibit current is 0.15 amp; output voltage S/N is 35. 3) NAND circuit: optimum write, inhibit, and rea

Card 1/2 UDC: none

ACC NR: AT7007633

currents are 0.3, 0.2, and 0.5 amps; output voltage S/N is 26. 4) HALF-ADDER with parallel write is capable of adding two numbers in 1 μsec using 5 NOT and 1 NOR circuit. No other characteristics are given. Among the advantages cited for biax elements are their high S/N ratio, speed, reliability, and simplicity of design. The disadvantages are the necessity of signal amplification and lack of these elements because they are not mass produced. Orig. art. has: 5 figures. [BD]

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 2/2

AKSENOV, M. A.

L 58368-65 EWT(d)/EWT(m)/EEC(k)-2/EWP(1)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EED-2/ //
EWP(b)/EWP(1)/EWA(c) Pq-4/Pf-4/Pad/Pg-4/Pk-4 IJP(c) BB/JD/HM/JG/GG
ACCESSION NR: AP5013852 UR/0103/65/026/005/0938/0942
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AUTHOR: Boyarchenkov, M. A.

TITLE: All-Union Conference on magnetic elements of automation and computer technique

SOURCE: Avtomatika i telemekhanika, v. 26, no. 5, 1965, 938-942

TOPIC TAGS: electric engineering conference, magnetism conference, computer component, automation equipment, automation, electronic data processing

ABSTRACT: The Ninth All-Union Conference on Magnetic Elements of Automation and Computer Technology, held in Kaunas from 7 to 10 September 1964, was organized by the National Committee of the USSR on Automatic Control, the Institute of Power and Electrical Engineering of the Academy of Sciences, Lithuanian SSR, the Lithuanian Scientific and Technical Society of the Instrument Building Industry, and the Institute of Automation and Telemechanics of the Main Committee on Instrument Building, Means of Automation, and Control Systems under Gosplan and the Academy of Sciences USSR. Over 450 participants discussed some 90 reports concerning the theory, design,

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ACCESSION NR: AP5013852

production, and application of magnetic and magnetic-semiconductor elements. Reports were presented for seven areas: digital and analog elements, memory devices, magnetic power devices, magnetic amplifiers and converters, parametrons, and power sources.

At the opening plenary session, M. A. Rozenblat presented a survey of the present state of contactless magnetic elements, which he considers to be one of the most efficient and promising technical means of automation and computer technology. Problems of designing logic elements to provide stable operation for various types of circuits were discussed in a series of reports. B. A. Yefimov and G. N. Chizhukhin reported on the development of modules of ferrite-transistor elements (FTE) which can be used for various types of computers and also for discrete automation for general and special purposes. This system provides reliable operation at a 200-kc clock frequency in the -10 to +50° C temperature range.

The same authors together with M. A. Akaenov reported on the development of a general-purpose heavy-duty FTE which can be used as a cell of a clock-frequency pulse generator or as an independent heavy-duty control

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ACCESSION NR: AP5013852

element.[14] It is capable of performing command recording or readout of information reaching it in large quantities from a low-power FTE. I. A. Tyumin, B. A. Yefimov, and A. A. Shavrov reported on the development and testing of biax-type logic circuits operating at 1 Mc and performing several logic operations. Advantages cited are: high s/n ratio, about 20; high switching rate, about 2 Mc; and high reliability due to the simplicity of the circuit. Such circuits may also be used in complex logic devices. Additional reports discussed logic circuits using biax-type elements in a working storage device with a nondestructive readout cycle of 10^{-7} sec and a recording time for new information of several microseconds.

L. P. Afinogenov et al. reported on discrete and discrete-analog computer units based on the use of the area of an emf pulse originating in the winding during magnetization reversal in the ferrite. Development of ferrite matrixes which release a voltage pulse at the output with an area proportional to the code supplied at the matrix input was also discussed.

Problems connected with the development of single-wire memory elements with multiaperture ferrite plates were presented by R. A. Lashev-

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ACCESSION NR: AP5013852

skiy et al. A. S. Sverdlov and others presented results of developing working storage units using miniature memory cubes made with multiaperture ferrite plates.

Thin-film technology was discussed in several reports. A paper by Ye. F. Berezhnyy et al. dealt with the development of a super storage device built on thin-film matrices with conductive substrates with a capacity of 64 56-bit words and a cycle of 400 nsec. Experiments with magnetic-film storage devices produced by electrochemical deposition on glass and metal cylindrical substrates were discussed, and a method of using an element of cylindrical magnetic film in a matrix storage device was also reported.

A. Tutauskas and R. Litvinaytis reported on a stable storage device with a short access time, a capacity of 512 x 32 bits, an access rate of 500 kc, and a readout time of 1 μsec. A. B. Lyasko et al. have developed a small decade counter of periodic and nonperiodic signals in which a parametric element with five stable phase states was used. The counter displays better energy properties than other known counters, high reliability, and high noise immunity. A. G. Rabin'kin reported on the characteristics of

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ACCESSION NR: AP5013852

new high-coercivity (5000 oe) alloys of the cobalt-platinum system. M. A. Rozenblat et al. discussed the theory and design of magnetic analog computing devices (adder, integrator, multiplier) based on single-stage magnetic amplifiers using magnetic analog storage.

A large number of reports was devoted to the theory and application of power magnetic devices. The papers presented by the Gor'kiy school of A. M. Bamdas concerning frequency multipliers and voltage stabilizers were of great interest in this field.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: DP, IE

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Card 5/5

BLOKHOV, V.P., Gvardii podpolkovnik meditsinskoy sluzhby; ZYUZIN, V.S., podpolkovnik meditsinskoy sluzhby; TYUMIN, V.P., podpolkovnik meditsinskoy sluzhby; SHIKHLYAROV, K.A., mayor administrativnoy sluzhby

Portable apparatus for taking samples of objects of the external environment in an epidemic focus. Voen.-med.zhur. no.4:93-94 Ap '60. (MIRA 14:1)

(EPIDEMIOLOGY—EQUIPMENT AND SUPPLIES)

TYUMKIN, V.S., Cand Med Sci -- (diss) "Disorders of respiration in inflammatory diseases of the lungs." Kuybyshev, 1957, 19 pp (Kuybyshev State Med Inst) 200 copies (KL, 29-58, 138)

NOVOZHININ, V.; KHALIN, A.; SAMOYLOV, Ye., narodnyy artist RSFSR; GERASIMOV, Aleksandr, narodnyy khudozhnik SSSR; TYUMMEL', Gerbert, novator, Geroy Truda; KRAL, Eduard

Victory of Lenin's ideas. Sov. profsoiuzy 17 no.16:8-9 Ag '61. (MIRA 14:7)

1. Predsedatel' tsekhovogo komiteta profsoyuza motornogo tsekha No.3 Gor'kovskogo avtozavoda (for Novozhinin). 2. Predsedatel' rabochkoma sveklosovkhoza "Rubtsovskiy", Altayskogo kraya (for Khalin). 3. Avtomobil'nyy zavod "Barkas", g. Karlmarksshtadt (for Tyummel). 4. Rukovoditel' brigady sotsialisticheskogo truda imeni Yuriya Gagarina, zavod ChKD "Stalingrad," Praga (for Kral). (Communism) (Russia--Economic policy) (Astronautics)

BALAGIN, Ivan Yakovlevich; POPOV, Vadim Petrovich; TIMOREZOV, Viktor Yevgrafovich; STROGANOV, L.P., inzh., red.; KHITROV, P.A., tekhn. red.

[Telegraphy] Telegrafiia. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 462 p. (MIRA 11:10)
(Telegraph)

KOKIN, V.D.; TYUMIN, N.F.

Mobile D-370 mixer and D-371 loader. Stroi.i dor.mashinostr. no.11: 21-22 N '56. (MLRA 9:12)
(Mixing machinery) (Loading and unloading)

TYUMNEV, V.M.

Ten-month plan to be completed by the 22d Congress of the CPSU. Transp.stroi. 11 no.4:11 Ap '61. (MIRA 14:5)

1.Uchastnik Vsesoyuznogo soveshchaniya molodykh stroiteley v Kremle, brigadir kompleksnoy brigady SMP-228.
(Siberia--Railroads--Electrification)

RODIONOV, A.N.; TALALAYEVA, T.V.; SHIGORIN, D.N.; TYUMOFEYUK, G.N.; KOCHESHKOV, K.A.

Structure of complexes formed by aliphatic organolithium compounds. Dokl. AN SSSR 151 no.5:1131-1134 Ag '63. (MIRA 16:9)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova. 2. Chlen-korrespondent AN SSSR (for Kocheshkov).
(Lithium organic compounds) (Chemical structure)

TY[illegible]MYANTSEVA, M. N.
N. F. BRUSOLENKO, ZhOKh, 10, 1565-7(1940)

TYUNDER, E. O.

Cand Med Sci - (diss) "Use of oscillography, arteriography, and plethysmography for diagnostics of thrombo-obliterating affections of the arteries of the lower extremities. (Clinical study):" Tartu, 1961. 21 pp; (Tartu State Univ); 250 copies; free; (KL, 7-61 sup, 262)

IVANOVA, R.; TYUNEYEVA, M.; TSIMBALOVA, N.

Information. Mias ind SSSR 34 no. 6:54-58 '63. (MIRA 17:5)

1. Pavil'yon "Myasnaya promyshlennost'" na Vystavke dostizheniy narodonogo khozyaystva SSSR (for Ivanova).
2. Vladivostokskiy myasokombinat (for Tyuneyeva).
3. Dal'rybvtuz (for TSimbalova).

TYUNEYEV, N., inzh. (Ryazan')

The "miracle" has helped. Izobr.i rats no.10:31 O '62. (MIRA 15:9)

(Loudspeakers)

TYUNEYEVA, I.M.

Change of volume in connection with plastic deformation. Nauch. dokl.vys.shkoly; fiz.-mat.nauki no.3:111-115 '59. (MIRA 13:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Deformations(Mechanics))

OGIBALOV, P.M.; TYUNEYEVA, I.M.

Total static diagrams for stressed deformations of steel ropes. (MIRA 14:8)
Vop.mekh. no.[illegible]52-56 '61.
(Deformations (Mechanics))

USSR / Plant Physiology. Mineral Nutrition. I-2

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 99916

Author : Aloshin, S. N., and Tyunoyova, T. N.
Inst : Moscow Agricultural Academy imeni Timiryazev
Title : On the Question of the Nutrition of Plants by Molecular Organic Soil Compounds.

Orig Pub : Dokl. Mosk. S.-Kh. Akad. im. K. A. Timiryazeva, No 25, 172-174, 1956

Abstract : Oats were grown in vegetation vessels, on sand and Priyanishnikov's mixture or on peat or on peat with NPK. Half of the vessel was irrigated with water, and the other half with the anodic fluid obtained in the anode chamber from the electrodialysis of sedge-peat from the valley of the Yakhroma River. In all cases of irrigation with the anolyte, the harvest of the oat grain was increased (by

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15.8510 also 2409 25500 S/055/61/000/004/001/003
D219/D303

AUTHORS: Lomakin, V.A., Ogibalov, P.M., and Tyuneyeva, I.M.

TITLE: Time effects in glass textolite during deformation

PERIODICAL: Moscow. Universitet. Vestnik. Seriya 1: Matematika, mekhanika, no. 4, 1961, 39-47

TEXT: The results are given of experimental investigations on short-period creep (order of magnitude--1 hour) at high stresses, and on restoration effects, in particular, retrogressive creep, carried out on standard sheets of textolite of type KAST-V (10mm thick) at room temperature. Measurements of deformation were made with a Marten's instrument giving high accuracy. If a specimen of glass textolite is stretched and then unloaded, there is a residual deformation which diminishes perceptibly with time, at first comparatively quickly, then with vanishing speed. Specimens cut at angles $\phi = 0^{\circ}, 45^{\circ}, 90^{\circ}$ to the base were loaded to 0.75 of the ultimate strength of the specimen in the corresponding direction, then unloaded and left thus for 24 hours, during which the deformations were registered (every minute during the first 10 minutes,

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every 2 minutes during the next 20 minutes, then every 5, 10, 20, 30 minutes during each hour). For each value of ϕ, 3 specimens were tested. To investigate the initial stage of creep and retrogressive creep, the specimen was loaded up to a certain tension o_1, remaining thus for a certain period t_1, then unloaded and left for another period t_2. Measurements were made during both periods. Results are given for $t_1 = t_2 = 1$ hour and different values of o_1. Creep is maximal in the direction of minimal rigidity ($\phi = 45^\circ$). More detailed analysis is said to show that there is anisotropy of creep similar to the anisotropy of elastic properties. Presence of creep at o_1 changes essentially the speed and magnitude of restoration after unloading. The higher the speed of retrogressive creep, the larger is o_1, the duration of creep being the same (Fig. 5). If the duration of direct creep is varied, the speed of retrogressive creep is higher, the longer the former (Fig. 8). These effects were studied by varying t_1 from 5 minutes to 3 hours, t_2 being of the order of 24–48 hours. The instantaneous residual deformation (ε_o) depends both on instantaneous

deformation at loading (ε_m) and creep deformation (ε_n). Experimental data can be represented by $\varepsilon_o/(\varepsilon_m + \varepsilon_n) = \text{const}$. There are 8 figures, 6 tables and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Kafedra teorii uprugosti (Department of the Theory of Elasticity)

SUBMITTED: October 6, 1960

ALESHIN, S.N., doktor sel'skokhozyaystvennykh nauk, professor;
TYUNEYEVA, T.N., kandidat sel'skokhozyaystvennykh nauk.

Feeding plants with organic soil substances in the state of molecular dispersion. Izv. TSKhA no.2:231-232 '56. (MLRA 9:12)

(Plants--Nutrition) (Organiculture)

PANKOV, Vasiliy Nikiforovich; GURNVICH, V., redaktor; TYUNEYEV, A., tekhnicheskiy redaktor

[The party organization and the rise in stockbreeding] Partiinaia organizatsiia i pod"em zhivotnovodstva. Moskva, Gospolitizdat, 1956. 77 p. (MLRA 9:10)

1. Sekretar' Sovetskogo raykoma Kommunisticheskoy partii Sovetskogo Soyuza
(Stock and stockbreeding)

TYUNEYEV, N.I.

Inventors and efficiency promoters of the Ryazan Liqueur and Vodka Plant. Spirt. prom. 25 no.6:36-37 '59. (MIRA 12:12)
(Ryazan--Liquor industry--Equipment and supplies)

YANISHEVSKAYA, M.N.; DUBOVITSKAYA, N.K.; KLYUCHAREVA, T.Ye.; MITRIKINA, P.Ye.; PEKSHEVA, M.N.; SAMOYLOVA, Z.Ye.; TYUNEYEVA, G.A.

Difficulties in diagnosing some atypical dysenterial bacteria. Med. zhur. Uzb. no.2:20-22 F '62. (MIRA 15:4)

1. Iz kafedry mikrobiologii (zav. - prof. P.F.Samsonov) Tashkentskogo gosudarstvennogo meditsinskogo instituta i laboratoriy gorodskoy i rayonnykh sanitarno-epidemiologicheskikh stantsiy Tashkenta.
(SHIGELLA) (DYSENTERY)

OGIBALOV, P.M.; TYUNEYEVA, I.M.

Creep of glass reinforced plastics at normal temperature. Vest. Mosk. un. Ser. 1: Mat.,mekh. 19 no.2:52-57 Mr-Ap '64.

Theoretical processing of experimental data on the elastic aftereffect in glass reinforced plastics. Ibid.:58-62 (MIRA 17:3)

1. Kafedra teorii uprugosti Moskovskogo universiteta.

S/055/62/000/006/006/006
D251/D308

AUTHORS: Ogibalov, P.M. and Tyuneyeva, I.M.

TITLE: Short-period creep of textolite at normal temperature

PERIODICAL: Moscow. Universitet. Vestnik. Seriya I. Matematika, mekhanika, no. 6, 1962, 70-77

TEXT: Tables and graphs are given, illustrating the results of experimental investigations of 6 to 10 mm thick textolite at normal temperatures. Samples were cut out of textolite along the base, and at 45° and 90° to the base, and kept for 0, 15, 30, 60 and 180 min under constant load. The deformation increased quickly during the first 10 min and relatively slowly up to 30 min. After that the process became steady. After quick unloading (10-15 sec) deformation of inverse sign took place and initial form and size was completely restored. Recovery of differently oriented specimens occurred in different periods of time. The rate of recovery is the lower and shorter the period of direct creep. There are

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Short-period creep ... S/055/62/000/006/006/006
D251/D308

6 figures and 5 tables.

ASSOCIATION: Kafedra teorii uprugosti (Department of the Theory of Elasticity)

SUBMITTED: April 17, 1962

Card 2/2

LOMAKIN, V.A.; OGIBALOV, P.M.; TYUNEYEVA, I.M.

Time effects in a glass-cloth laminate in connection with deformation
Vest.Mosk.un.Ser.1: Mat., mekh. 16 no.4:39-47 Jl-Ag '61.
(MIRA 14:8)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
(Glass reinforced plastics) (Deformations (Mechanics))

LOMAKIN, V.A.; OGIBALOV, P.M.; TYUNEYEVA, I.M.

Mechanical properties of glass-cloth laminate under static loads [with summary in English]. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no.3:46-52 My-Je '61. (MIRA 14:7)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
(Glass reinforced plastics)

OGIBALOV, P.M.; TYUNEYEVA, I.M.

Short-term creep of textolite at normal temperature.
Vest. Mosk. un. Ser. 1:Mat., mekh. no.6:70-77 N-D '62.
(MIRA 16:2)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
(Creep of plastics)

L 14116-66 EWP(j)/EWT(m)/ETC(m)-6/T RM/WW
ACC NR: AP6003442 (A) SOURCE CODE: UR/0055/66/000/001/0119/0124

AUTHOR: Ogibalov, P. M.; Tyuneyeva, I. M.

ORG: Department of the Theory of Elasticity, Moscow State University (Kafedra teorii uprugosti, Moskovskiy gosudrastvennyy universitet)

TITLE: Momentary creep and elastic lag in glass-reinforced EDF plastic

SOURCE: Moscow. Universitet. Vestnik. Seriya 1. Matematika, mekhanika, no. 1, 1966, 119-124

TOPIC TAGS: epoxy plastic, creep mechanism, elastic deformation, phenolformaldehyde, glass fiber

ABSTRACT: Momentary creep and elastic lag were studied in glass-reinforced EDF plastic made by pressing glass fibers saturated with epoxy-phenolformaldehyde resin at 50 kg/cm^2 and a maximum temperature of 130°C for two hours. Specimens were cut from sheets 2.5 and 6 mm thick in three directions: along the warp, along the weft and at an angle of 45° to the warp. The results of tests of forward and reverse creep are tabulated and graphed. It is found that the strength characteris-

UDC: 539.376

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tics of sheet material made from glass-reinforced EDF plastic are considerably dependent both on the orientation of the reinforcing fibers (anisotropy) and on the thickness of the sheet material. Specimens cut along the warp are strongest while those cut at an angle of 45° to the warp are weakest. The strength of the material in the direction of the warp conforms to Hooke law nearly up to the breaking point. The strength properties of the sheet material decrease as the thickness increases. There is an increase in the area of the hysteresis loop as the stresses preceding deformation increase and in proportion to deviation from the warp and weft directions toward their diagonal. This indicates an increase in the irreversible components of adhesion and cohesion. Deformation from forward and reverse creep (at room temperature) is considerably dependent on the orientation of the specimen with respect to the reinforcing fibers (warp and weft). The rate of reverse creep increases with stress for the same creep duration. Orig. art. has: 4 figures, 2 tables.

SUB CODE: 11/ SUBM DATE: 05May65/ ORIG REF: 004/ OTH REF: 000

SOKOLOV, D.F.; TYUREVEVA, T.N.

Litter and its role in the formation of forest-steppe. Pochvovedenie no.8:65-75 Ag '59. (MIRA 12:11)

1. Institut lesa AN SSSR.
(Forest soils) (Humus)

TYUNIBEKYAN, A., kapitan; KONNOV, A., podpolkovnik.

A sharp weapon; on the occasion of Press Day. Voen. sviaz. 16 no.5: 20-21 My '58. (MIRA 11:5)

(Press)

D'YAKOV, Vasiliy Ivanovich; GETLING, B.V., kand. tekhn. nauk, red.; TYU-TYUNIK, M.S., red.; TOKER, A.M., tekhn. red.

[Standard designs of electric equipment; electrician's manual] Tipovye raschety po elektrooborudovaniiu; v pomoshch' tsekhovym elektrikam. Izd.2., perer. i dop. Pod red. B.V.Getlinga. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 125 p. (MIRA 14:7)

(Electric apparatus and appliances)

TYUNIKOV, I.G.

Manifestation of heterosis in corn hybrids. Biul.Glav.bot.sada. no.58:36-40 '65. (MIRA 18:12)

1. TSentral'naya geneticheskaya laboratoriya imeni I.V. Michurina, g. Michurinsk.

TYUNILYAYNEN, M.I.; LYUSTROVA, A.P.

Effect of combined mechanical and heat treatment on the thermoelectric properties of alloys. Trudy Ural. politekh. inst. no.92: 34-40 '59. (MIRA 13:12)
(Alloys) (Thermoelectricity)

TYUNILYAYMEN, M.I.; TIMOFEYEV, V.V.; TUBAYEV, Yu.V.

Determination of micron wire diameters by the capacitance method.
Trudy Ural. politekh. inst. no.92:167-171 '59. (MIRA 13:12)
(Electric lamps, Incandescent--Filaments)

TYUNILYAYNEN, M.I.; TUBAYEV, Yu.V.

Electron device for the measurement of filament ovalness. Trudy Ural. politekh. inst. no.92:172-175 '59. (MIRA 13:12)
(Electronic instruments) (Electric lamps, Incandescent--Filaments)

TYUNILYAYNEN, M.I.; LYUSTROVA, A.P.; BOVICH, M.M.

Determining the ovality of micron drawholes. Trudy Ural.politekh. inst. no.14:159-161 '61. (MIRA 16:6)
(Wire drawing) (Microprojection)

8/137/61/000/012/087/149
A006/A101

AUTHORS: Tyunilyaynen, M.I., Lyustrova, A.P., Bobich, M.M.

TITLE: Determining the oval shape of micron-thread apertures

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no.12, 1961, 34, abstract 12D274 ("Tr. Ural'skogo politekhn. in-ta", 1961, v. 114, 159 - 161)

TEXT: The authors propose a microprojector (optical ovalometer) which makes it possible to determine the diameter of micron threads without removing the mounting, with up to 0.4 μ accuracy. The device and its operational principles are described.

N. Yudina

[Abstracter's note: Complete translation]

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TYUNILYAYNEN, M.I.; LYUSTROVA, A.P.; GAZIMOV, M.Kh.; TUBAYEV, Yu.V.; TIMOFEYEV, V.V.

Electronic butyrometer. Trudy Ural.politekh.inst. no.14:155-159 '61. (MIRA 16:6)
(Electronic measurements)

USSR / Farm Animals. Honeybee. Q-5

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54857.

Author : Koptev, F. S., Tyunin, F. A.
Inst : Not given.
Title : On the Ways of the Multiplication of the Bee Families.

Orig Pub: Pchelovodstvo, 1957, No 10, 35-41.

Abstract: The article contains a discussion on the problems of the biological integrity of the bee family, on the strengthening of the weak families, on the transmission of heredity through the royal jelly, and on the different processes of the multiplication of bees.

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UGRENINOVA, Ye.I.; TYUNINA, V.N.

Dynamics of the protein fractions and oxygen respiration in the blood in chronic tonsillitis and rheumatism. Trudy gos. nauch.-issl. inst. ukha, gorla i nosa no.11:56-70 '59. (MIRA 15:6)

1. Iz biokhimicheskoy laboratorii Gosudarstvennogo nauchno-issledovatel'skogo instituta ukha, gorla i nosa.
(BLOOD PROTEINS) (TONSILS—DISEASES)
(BLOOD—OXYGEN CONTENT) (RHEUMATIC FEVER)

SHAPIRO, Ya.Ye.; MILOSLAVSKIY, Ya.M.; CHERNYSHEVA, M.I.; MASLENNIKOVA, A.I.; TYUNINA, Ye.A.

Treatment of patients with relapsing rheumocarditis by means of inductothermy (shortwave diathermy) in the adrenal region in combination with salicylates. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 6:508-513 N-D '60. (MIRA 14:2)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - prof. Ya.Ye. Shapiro) Ryazanskogo meditsinskogo instituta imeni akademika I.P. Pavlova.
(RHEUMATIC HEART DISEASE) (DIATHERMY)
(SALICYLATES—THERAPEUTIC USE)

TYUNINA, Ye.A.

Some indices of the adrenocortical function in pneumonias with a varied course. Sov. med. 27 no.1:45-49 Ja '64.
(MIRA 17:12)

1. Kafedra fakul'tetskoy terapii (Ispolnyayushchiy obyazannosti zav.- dotsent N.A. Ardamatskiy) Ryazanskogo meditsinskogo instituta imeni akademika I.P. Pavlova.)

ARDAMATSKIY, N.A.; LIKHVANTSEV, V.A.; MASLENNIKOVA, A.I.; TYUNINA, Ye.A.

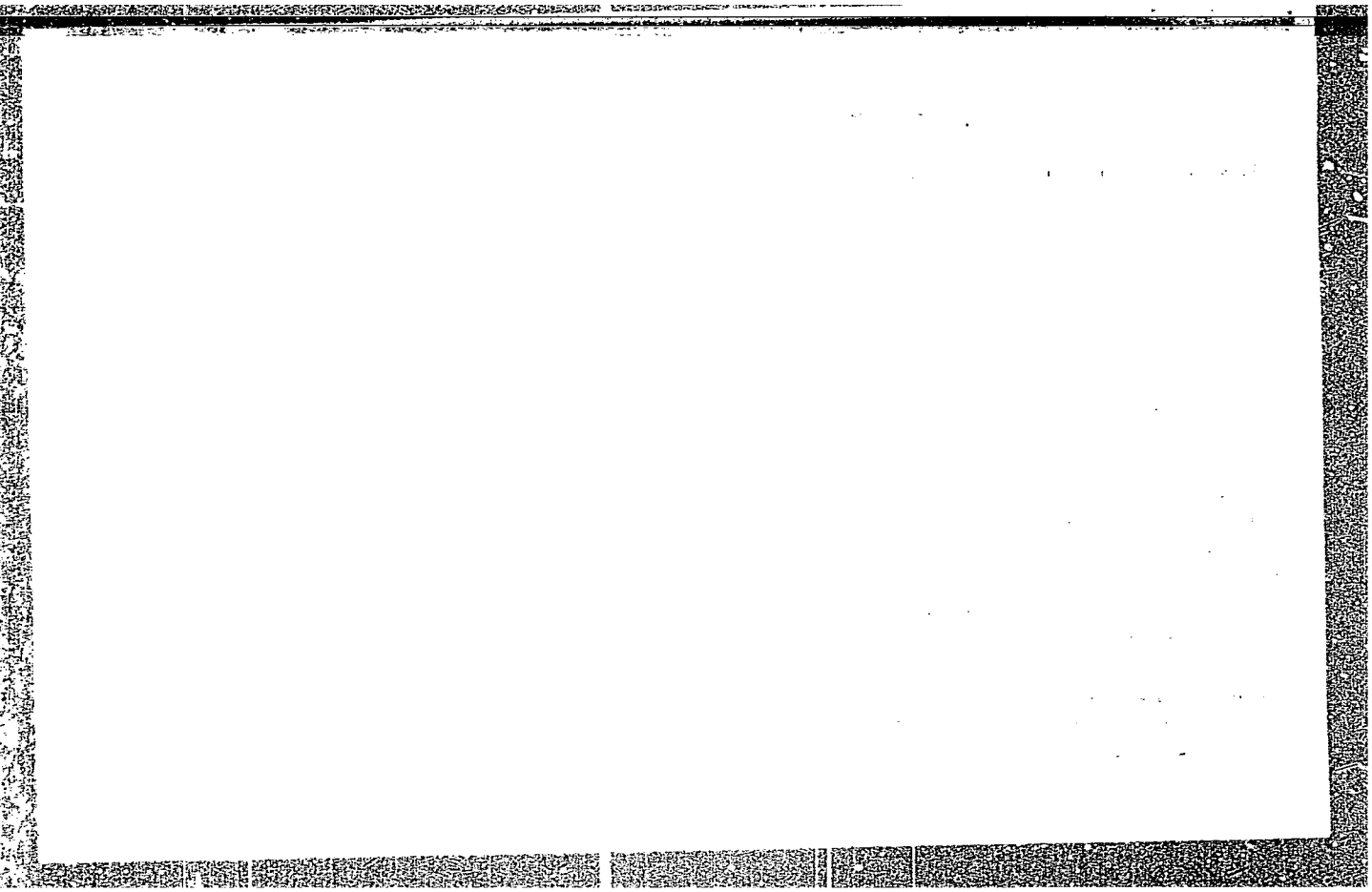
Functional indices of the adrenal cortex before and after administration of ACTH in some internal diseases. Vrach. delo no.4: 140 Ap'63. (MIRA 16:7)

1. Kafedra fakul'tetskoy terapii (ispolnyayushchiy obyazannosti zav.-dotsent N.A.Ardamatskiy) Ryazanskogo meditsinskogo instituta.
(ADRENAL CORTEX) (ACTH)

GRECHIKHIN, L.I.; TYUNINA, Ye.S.

Effect of ambient gas pressure of the physical state of ar arc discharge plasma. Teplofiz. vys. temp. 2 no.5:689-695 S-O '64. (MIRA 17:11)

1. Institut fiziki AN BSSR.



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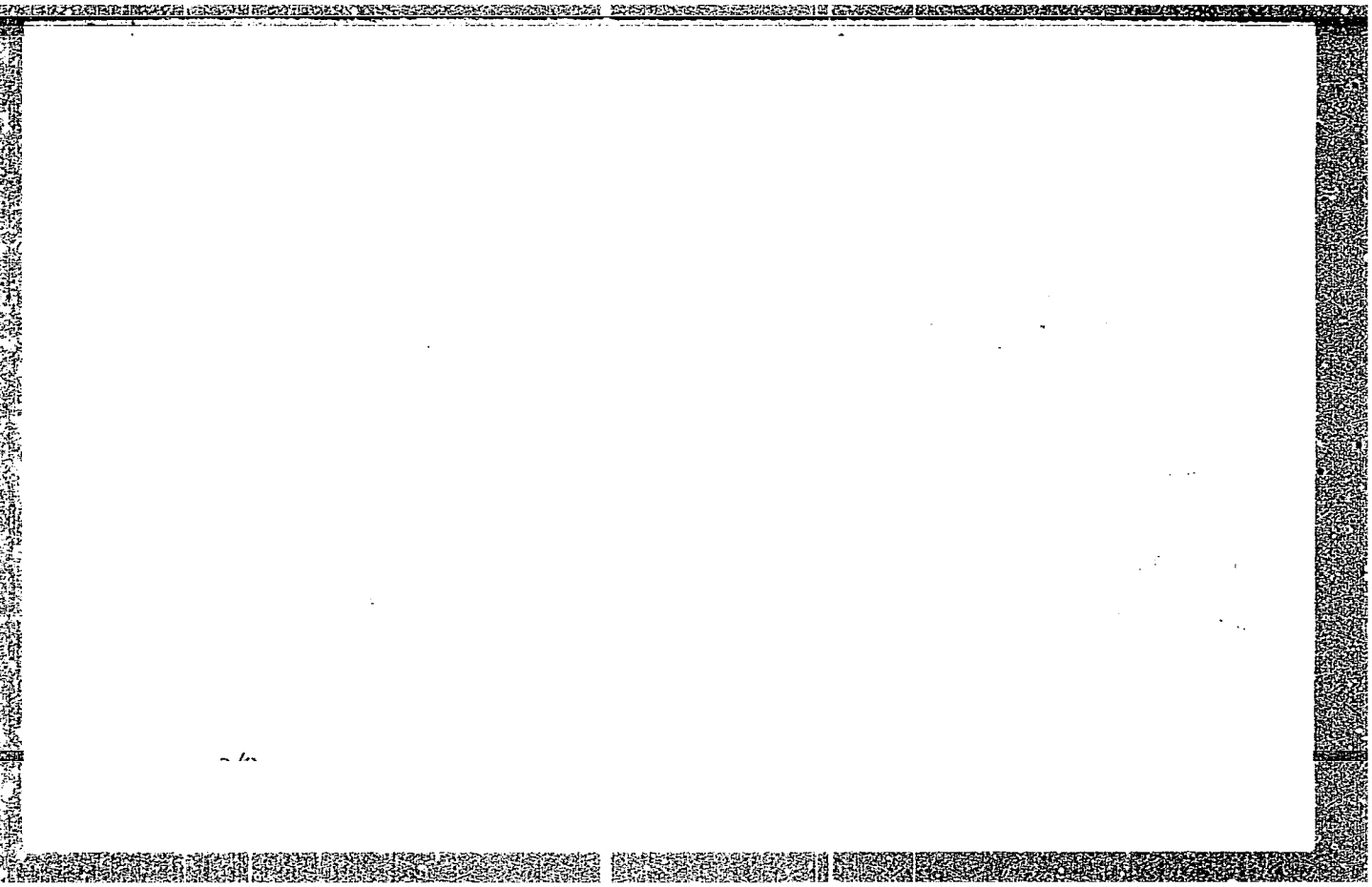

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L 16576-66 EWT(1)
ACC NR: AP6006960 SOURCE CODE: UR/0368/66/004/002/0112/0116

AUTHOR: Grechikhin, L. I.; Tyunina, Ye. S.

ORG: none

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B

TITLE: Determination of comparative and absolute intensities of self-reversal and self-absorption spectral lines under arc discharge conditions

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 2, 1966, 112-116

TOPIC TAGS: spectral energy distribution, spectral line, luminescence spectrum, light absorption, optic measurement, arc discharge, line intensity

ABSTRACT: The effect of self-reversal and self-absorption in spectral lines on the measurement of relative and absolute intensities under arc discharge conditions is investigated on the basis of Cowan and Duke theory. It is shown that the calculation of the self-absorption suggested by the Cowan and Duke theory leads to reasonable values of source temperatures measured according to relative intensities. A measurement method of the absolute intensity of self-reversed lines is proposed. Orig. art. has: 1 figure, 7 formulas, and 1 table. [Based on author's abstract]

Card 1/2 UDC: 535.33

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