Country : USSR
Category : Plant Diseases. Diseases of Forest Species. O

Abs Jour : RZhBiol., No 6, 1959, No 25177

Author : Vorontsov, A. I.; Sergeyeva, V. G.
Inst : Higher School. Forest Engineering.
Title : Role of Resin Canker in the Drying of Pine Plantations.
Orig Pub : Nauch. dokl. vyssh. shkoly. Lesoinzh. delo, 1958, No. 2, 14-17

Abstract : The primary cause in the drying of pine in Moskovskaya Obalst is resin canker (the pathogenic agents are Peridermium pini and Cronartium flaccidum), which creates a favorable ground for settling of harmful insects (the bark beetle Ips acuminatus Gyll., etc.) on the tree. Pure pine plantations, 30-50 years old, are affected most by resin canker.

Card : 1/1

P

USSR/General and Specialized Zoology - Insects. Harmful Insects and Acarids. Forest Pests.

Abs Jour : Ref Zhur Biol., No 6, 1959, 25479

Author : Vorontsov, A.I.

Inst : University of Forestry Engineering.

Title : Entomophytopathologic Conditions of Urban Green Plantations.

Orig Pub : Nauchn. dokl. vyssh. shkoly. Lesoinzh. delo, 1958, No 1, 39-42

Abstract : An investigation of green plantations (GP) was conducted in 1952-1956 in 10 cities of the European part of USSR. The greatest number of weakened and dead trees are found in the cities of Southeastern RSFSR in connection with mass propagation of the tree-trunk pests (P) in regions of insufficient irrigation. In all the cities of the

Card 1/2

USSR/General and Specialized Zoology - Insects. Harmful Insects and Acarids. Forest Pests. P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25493

Author : Vorontsov, A.I.
Inst :
Title : Biology of the Gypsy Moth and Measures for Its Control.

Orig Pub : Vestn. s.-kh. nauki, 1958, No 4, 101-108

Abstract : Distribution area of the gypsy moth (M). Drifting-in 1957 of the butterflies, hatched in the zone of the anticyclone in the south and the southeast, by eastern winds into the zone of the cyclone, embracing the central regions of the European plain in June-July. Priority of nidi of M propagation under conditions of their origin in steppe and forest-steppe zones. Cause of frequent mass-propagation of M outbreaks (immense distribution area, large biological pliability, adaptability of the caterpillars to settle in new places by the wind, and

Card 1/2

USSR/General and Specialized Zoology - Insects. Harmful Insects and Acarids. Forest Pests. P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25493

polyphagia. Fodder plants (more than 300) in various geographic zones. Dependability of M's physiological activity on the food quality and on the complex of physical factors. Developmental periods of individual M stages and their dependence upon temperature. Role of entomophage and diseases on the fluctuation of M numbers. Control methods: Scraping off and petrolization of ovipositions; spraying with DDT and BHC dusts; treatment with DDT aerosols. Significance of the forest-economy prophylaxis and a system of signalization and supervision in the forest. Necessity of developing methods of precise forecasts. -- A.P. Adrianov

Card 2/2

L 3179-66 EETC(m) WW

ACCESSION NR: AP5015353 UR/0286/65/000/009/0098/0099
681.14

AUTHOR: Chekalov, D. N.; Mulyar, L. G.; Krasikov, V. I.; Miroshnichenko, A. K.; Smirnov, N. Ye.; Kheyfets, A. I.; Smirnov, K. F.; Obukhov, Yu. A.; Vorontsov, A. M.; Dyakonov, O. M.; Dubro, G. B.; Alipov, A. N.

TITLE: Electronic instrument for measuring velocity, distance traversed, and time. Class 42, No. 170776

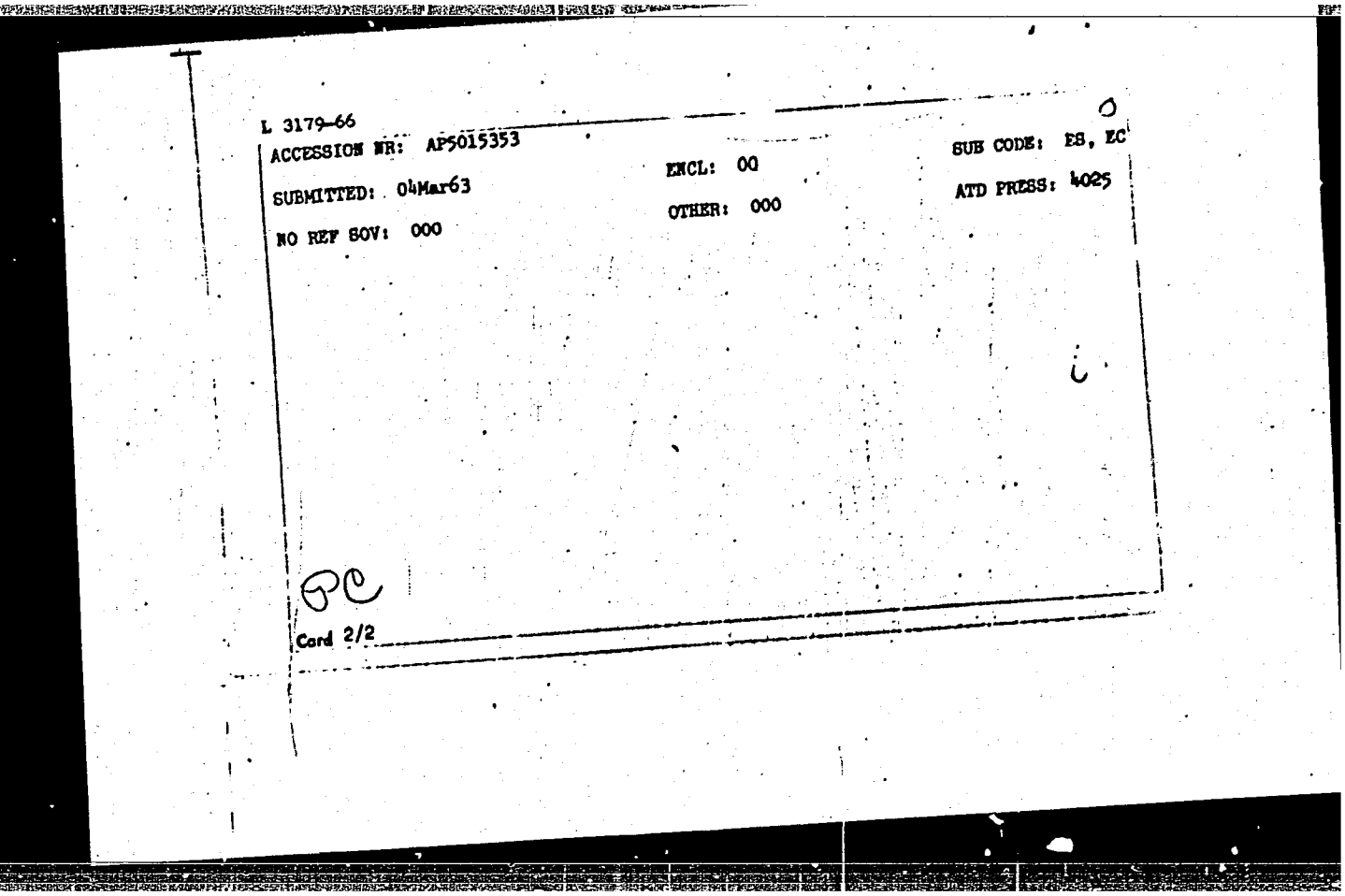
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 98-99

TOPIC TAGS: tellurometer, radio rangefinder, geodetic instrument

ABSTRACT: An Author Certificate, issued for a device which measures velocity, distance traversed, and time, combines a high-precision tellurometer, a phase recorder equipped with a unit for converting sinusoidal signals to pulsed signals, and a unit for measuring phase differences. Readings are made visually. The circuit connections of the device, consisting of a series of computer-type modules, are described in detail. [SP]

ASSOCIATION: none

Card 1/2



L 3179-66

ACCESSION NR: AP5015353

SUBMITTED: 04Mar63 ENCL: 00 SUB CODE: ES, EC

NO REF SOV: 000 OTHER: 000 ATD PRESS: 4025

Card 2/2

VOROHTSOV, A.N.

Propagation of forest pests as related to human activity in forestry. Okhr.prir.i zapov.delo v SSSR no.4:16-24 '60. (MIRA 13:6)

1. Moskovskiy lesotekhnicheskiy institut.
(Forest insects)

CHISTYAKOV, M.M., kand. tekhn. nauk, inzh.-kapitan 1-go ranga;
VOROTSOV, A.P., inzh.-kapitan 1-go ranga

Reviews and bibliography. Mor. sbor. 49 no. 12:82-87 D '65
(MIRA 19:1)

MEDVEDEV, A.M.; VORONTSOV, A.P.; MAZOVKA, N.N.

Modified charging device for the DK-0,2 dosimeter with an a.c. power supply. Vest. rent. i rad. 35 no. 4:61 Jl-Ag '60. (MIRA 14:2)

1. Iz kafedry rentgenologii i meditsinskoy radiologii (zav. - prof. V.P. Gratsianskiy) Kalininskogo meditsinskogo instituta (direktor - dotsent A.N. Kushnev).
(RADIATION—DOSAGE)

VORONTSOV, A.V., dotsent; DEM'YANOV, V.M., dotsent

Treatment of fractures of the femur; review of foreign literature. Ortop., travm. i protez. 24 no.3:77-84 Mr '63. (MIRA 17:2)

1. Adres avtorov: Leningrad, K-9, Botkinskaya ul., d.13, Klinika travmatologii i ortopedii Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

VORONTSOV, A. V., dotsent; MOLODOV, P. A., kand. med. nauk

Analysis of errors and complications in the treatment of patients with diaphyseal fractures of the bones of the forearm. Vest. khir. no.4:103-107 '62. (MIRA 15:4)

1. Iz kafedry travmatologii i ortopedii (nach. - prof. I. L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S. M. Kirova. Adres avtorov: Leningrad, Botkinskaya ul., d. 13, klinika ortopedii i travmatologii.

(ARM--FRACTURE)

BLAZHNOV, A.G., inzh.; VORONTSOV, A.V., inzh.; IZYUMOV, A.A., inzh.; LYSOV, I.V., inzh.; PRAGER, V.Kh., inzh.; RYASKOV, V.L., inzh.; DEROV, V.A., tekhnik; KOSTINA, V.P., red.; LUKASHEVICH, V.K., tekhn. red.

[Over-all automation at a bearing plant] Kompleksnaia avtomatizatsiia na podshipnikovom zavode. Saratov, Saratovskoe knizhnoe izd-vo, 1962. 53 p. (MIRA 16:4)

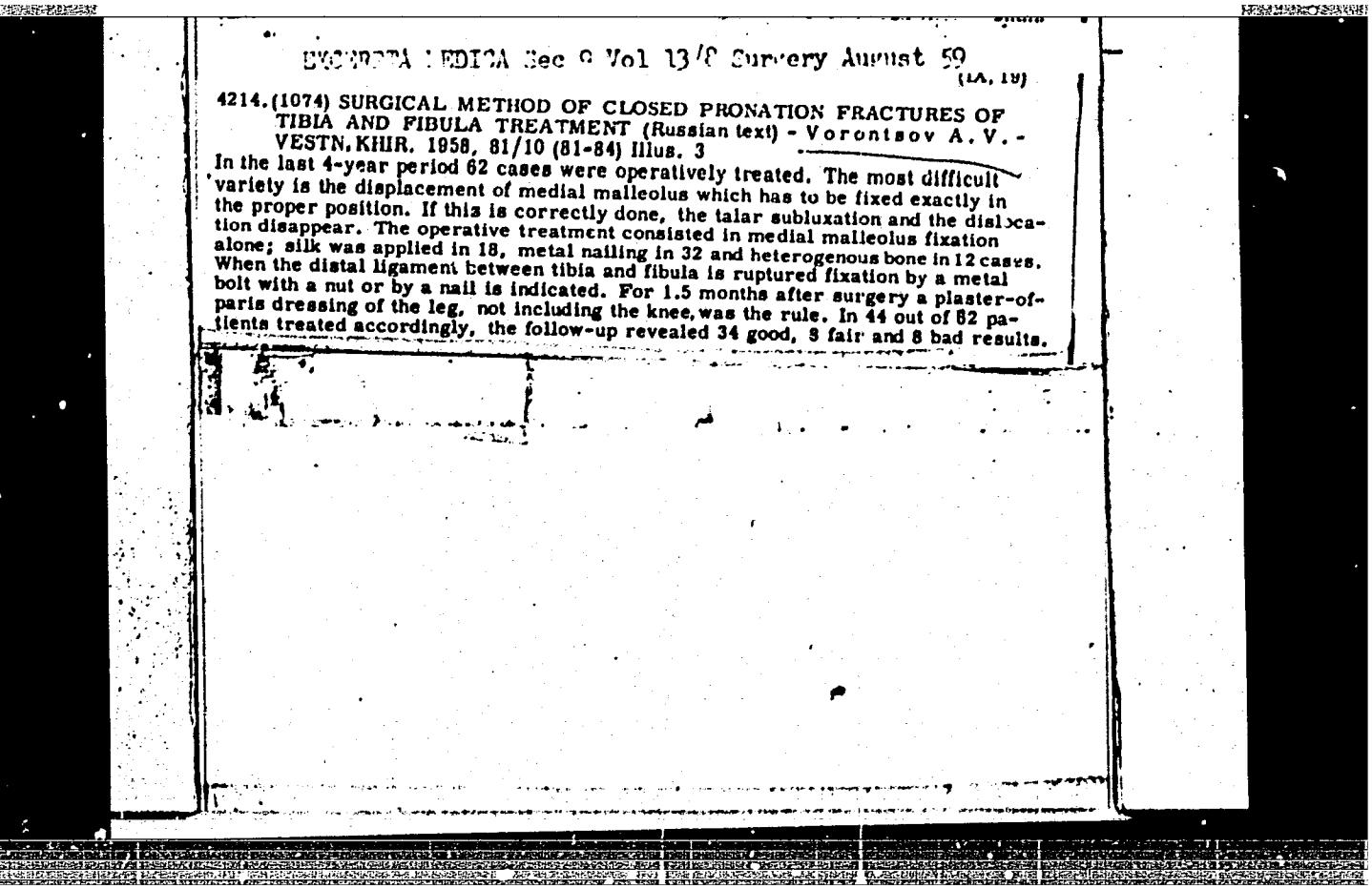
1. Saratovskiy podshipnikovyy zavod (for all except Kostina, Lukashevich).
(Saratov--Bearing industry) (Automation)

VORONTSOV, A.V., kand.med.nauk

Technic of closed introduction of a nail in medial fractures of the femoral neck. Ortop.,travm. i protez. 18 no.5:73-75 S-O '57. (MIRA 12:9)

1. Iz kafedry ortopedii i travmatologii (nach. - prof.I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(FEMUR--FRACTURE)



EXCERPTA MEDICA Sec 9 Vol 13/8 Surgery August 59
(1A, 1B)

4214. (1074) SURGICAL METHOD OF CLOSED PRONATION FRACTURES OF TIBIA AND FIBULA TREATMENT (Russian text) - Vorontsov A. V. - VESTN. KHIR. 1958, 81/10 (81-84) Illus. 3

In the last 4-year period 62 cases were operatively treated. The most difficult variety is the displacement of medial malleolus which has to be fixed exactly in the proper position. If this is correctly done, the talar subluxation and the dislocation disappear. The operative treatment consisted in medial malleolus fixation alone; silk was applied in 18, metal nailing in 32 and heterogenous bone in 12 cases. When the distal ligament between tibia and fibula is ruptured fixation by a metal bolt with a nut or by a nail is indicated. For 1.5 months after surgery a plaster-of-paris dressing of the leg, not including the knee, was the rule. In 44 out of 62 patients treated accordingly, the follow-up revealed 34 good, 3 fair and 8 bad results.

VORONTSOV, A.V., kand.med.nauk

Comparative evaluation of methods of osteosynthesis in closed fractures of bones of the extremities. Ortop.travm.i protez. 20 no.9:22-30 S '59. (MIRA 13:2)

1. Iz kafedry ortopedii i travmatologii (nachal'nik - prof. I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(EXTREMITIES, fract. & disloc.)

TITLE: Automatic Device for Polishing the Grooves of Ball Bearing Outer Races (Avtomat dlya polirovaniya zhelobov naruzhnykh kolets sharikovykh podshipnikov)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 133 (USSR)

ABSTRACT: Class 67a, 10. Nr 113881 (565827 of 30 Jan 1957). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. An automatic device for polishing the grooves of ball bearing outer races being fed from a bin, with polishers on levers pressing abrasive bands on the work surface, and a split spring for holding the race being polished, the protrusions on the holder ring fitted into grooves on the end face of a rotating hollow spindle through which the races come from the bin to be moved by a push-rod into the holder ring.

Card 1/1

VORONTSOV, A.V.

KHUDOBIN, L.V., inzh.; VORONTSOV, A.V.

Continuous automatic grinding machines. Vest. mash. 37 no.8:36-38 Ag '57. (MIRA 10:9)
(Grinding machines)

VORONTSOV, A.V.

KRUPKO, I.L. prof. (Leningrad, ul. Smirnova, d.8, kv.5); VORONTSOV, A.V., kand.med.nauk

Osteosynthesis in fractures and pseudarthrosis [with summary in English on p.158]. Vest.khir. 79 no.10:59-65 O '57. (MIRA 10:12)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.
(FRACTURES, surg.
osteosynthesis, choice of method (Rus))
(PSEUDOARTHROSIS
same)

Surgical treatment of closed pronated fractures of the tibia and fibula. Vest.khir. 83 no.10:80-84 O '59. (MIRA 13:1)

1. Iz kliniki ortopedii i travmatologii (nach. - prof. I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova. Adres avtora: Leningrad, Botkinskaya ul., d.13, kliniki ortopedii i travmatologii voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(TIBIA, fract.
closed pronated fract., surg. (Rus))
(FIBULA, fract.
same (Rus))

USSR/ Medicine - Anesthesia Sep/Oct 52

"Intraossal Anesthesia in Surgical Interference on Extremities," Prof I. L. Krupko, A. V Vorontsov, S. S. Tkachenko, Chair of Orthopedics, Mil Med Acad imeni S. M. Kirov, Leningrad

"Vest Khirurgii" Vol 72, No 5, pp 18-19

Describes intraossal anesthesia used at the academy since 1949. Advocates its use in military field practice. Enumerates the advantages of this method as follows: simplicity of procedure, satisfactory analgesic effect produced by the even distribution of the anesthetic soln through the blood vessels of the area restricted by the tourniquet. States that a marked lowering of the muscular tone observed during this anesthesia, is favorable for work on closed fractures and sprains. States that correction of closed fractures and repair of sprained joints have been successfully performed under intraossal anesthesia. Notes that the disadvantage of this method is the necessity of applying a tourniquet and the rapid recovery of sensitivity after its removal.

229T52

VORONTSOV, A. V.

229T52

VORONTSOV, A.V.

VORONTSOV, A.V., kandidat meditsinskikh nauk

Intraosseous anesthesia in setting dislocations and in reposition of bone fragments. Ortop.travm. i protez. no.4:36-40 Jl-Ag '55. (MLRA 8:10)

1. Iz kafedry ortopedii (nach-prof. I.L.Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(DISLOCATIONS, therapy,
anesth.,intra-osseous)
(FRACTURES, therapy
anesth.,intra-osseous)
(ANESTHESIA, LOCAL,
intra-osseous, in disloc. & fract. ther.)

VORONTSOV, A.V., podpolkovnik med.sluzhby, kand.med.nauk

Changes in muscle tone during intravosseous anesthesia and its practal role in reduction of fractures and dislocations, Voen.med.zhur. no. 12:31-33 D'57 (MIRA 11:5)

(ANESTHESIA, LOCAL?
intra-osseous in fract. & disloc. surg.,eff. on musc.tonus (Rus))
(MUSCLES, physiology,
tonus, eff. of intra-osseous anesth. in fract. & disloc. surg. (Rus))
(FRACTURES, surgery
intra-osseous anesth., eff. on musc. tonus (Rus))
(DISCLOCATIONS, surgery,
same)

VORONTSOV, A.V.

BUSHKIN, B.I.; VORONTSOV, A.V.

Comparative evaluation of conservative and operative methods for treating fractures in ionizing radiation injuries; experimental study. Ortop., travm. protez. 19 no.1:13-16 Ja- '58. (MIRA 11:4)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.
(FRACTURES, exper.
eff. of surg. & conservative ther. in fract. caused by penetrating radiations in rabbits (Rus))
(RADIATIONS, inj. eff.
eff. of surg. & conservative ther. in fract. in rabbits (Rus))

PIONTKOVSKIY, Bronislav Aleksandrovich; VORONTSOV, A.V., otvetstvennyy redaktor; DOBRYNINA, A.Ya., redaktor; VEYNTRAUB, I.B., tekhnicheskiy redaktor

[Electric power supply installations for wire communication enterprises] Ustroistvo elektropitaiushchikh ustanovok predpriiatii provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 30 p. (MLRA 9:10)

(Electric power plants)
(Storage batteries)
(Telecommunication)

KRUPKO, I.L., prof. (Leningrad, K-9, ul. Smirnova, d.8., kv.5); VORONTSOV, A.V., dotsent.

Some problems in the surgical treatment of closed diaphysial fractures of the femur and tibia. Vestn. khir. Grekov. 90 no.4:42-48 Ap'63 (MIRA 17:2)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

VORONTSOV, A.V.; KHUDOBIN, L.V.

Semi-automat for the insertion of balls into the cage of bicycle bearings. Podshipnik no.7:27-28 Jl '53. (MLRA 6:8)
(Ball--Bearings)

VORONTSOV, A. V.

USSR/Engineering - Machine Tools

Card 1/1

Authors : Khudobin, L. V.; and Vorontsov, A. V.

Title : Automatic Buffing Machine

Periodical : Stan. i Instr. Ed. 1, 7-9, Jan/1954

Abstract : A description of a fully automatic buffing machine, used for polishing inner ball bearing races is given. The machine was designed by A. V. Vorontsov, and according to the author, it is very economical, and 2-3 times as efficient as any known machine. Drawings; Illustrations.

Institution : .....

Submitted : .....

VORONTSOV, ALEKSANDR VASIL'YEVICH

KRUPKO, Ivan Leont'yevich; VORONTSOV, Aleksandr Vasil'yevich; TKACHENKO, Sergey Stepanovich; [illegible] redaktor; KULEVA, M.S., tekhnicheskiy redaktor.

[Intraosseous anesthesia in surgery of extremities] Vnutrikostnaia anestesiia pri khirurgicheskikh vmeshatel'stvakh na konechnostiiakh. [Leningrad] Gos.izd-vo meditsinskoi lit-ry, Leningradskoe otd-nie, 1955. 104 p. (MLRA 8:12)
(ANESTHESIA) (EXTREMITIES(ANATOMY)-SURGERY)

VORONTSOV, A.V., dotsent (Leningrad K-18, Pesochnaya ul., d.24,kv.56)

Abstracts of articles received by the editors. Ort. travm. i protez. 23 no.10:77 O '62. (MIRA 17:10)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

VAYTS, Daniil Moiseyevich; GEORGIANOV, Konstantin Viktorovich; YAKOBSON, Vladimir Vladimirovich; KARPOV, N.I., retsenzent; VORONTSOV, A.Ye., nauchn. red.; LESKOVA, L.R., red.

[Installation of marine radio-engineering equipment] Montazh sudovoi radiotekhnicheskoi apparatury. Leningrad, Izd-vo Sudostroenie, 1964. 167 p. (MIRA 17:12)

RABINOVICH, Abram Grigor'yevich; VORONTSOV, A.Ye., retsenzent; NEOFITOV, A.M., retsenzent; OKUN', Ye.L., nauchn. red.; LESKOVA, L.R., red.

[Adjustment of radio systems] Regulirovka radiotekhnicheskikh ustroistv. Leningrad, Sudostroenie, 1964. 218 p. (MIRA 17:5)

DAVYDOV, Pavel Semenovich; CHERNYSHEV, Valeriy Olegovich; VORONTSOV, A.Ye., inzh., retsenzent; VILENKIN, B.I., nauchn. red.; BRYTSINA, I.M., red.; KRYAKOVA, D.M., tekhn. red.

[True motion indicator in a ship's radar] Indikator istinnogo dvizheniia sudovykh RLS. Leningrad, Sudpromgiz, 1963. 163 p. (MIRA 17:3)

PERESADA, Viktor Petrovich; VORONTSOV, A.Ye., retsenzent; PER, B.A., retsenzent; PANFILOV, V.G., retsenzent; BRENEV, I.V., otv. red.; AZAROVA, I.G., red.; FRUMIN, P.S., tekhn. red.

[Radar detection of marine objects] Radiolokatsionnaia vidimost' morskikh ob"ektov. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1961. 158 p. (MIRA 14:12)

(Radar)

FASTOVSKIY, Izya Abramovich; FURMANOV, Il'ya Mikhaylovich; VOROMTSOV, A.Ye., otv.red.; SMIRNOVA, D.P., red.; SHISHKOVA, L.M., tekhn.red.

[Standard instruments for measuring radio interference from industrial installations] Tipovye pribory dlia izmereniia industrial'nykh radiopomekh. Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl., 1959. 119 p. (MIRA 12:4)
(Radio--Interference)

FASTOVSKIY, Isya Abramovich; FURMANOV, Il'ya Mikhaylovich; VORONTSOV, A.Ye., otv.red.; LEONOVA, B.I., red.; SHISHKOVA, L.M., tekhn.red.

[Tracing and investigating sources of industrial radio interferences] Poisk istochnikov industrial'nykh radiopomekh i ikh issledovanie. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1959. 60 p. (MIRA 12:10)
(Radio--Interference)

TROSHANOV, Nikolay Aleksandrovich; VORONTSOV, A.Ya., inzh., retsenzent; KOGAN, N.L., nauchnyy red.; GOLUBEVA, N.P., red.; ERASTOVA, N.V., tekhn. red.

[Radio equipment using traveling-wave tubes] Radioapparatura na lampakh begushchei volny. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1961. 218 p. (MIRA 15:2)
(Radio--Equipment and supplies)
(Traveling-wave tubes)

VORONTSOV, B.D.

Use of Chebyshev's method in the solution of equations. Trudy Ural. politekh. inst. no.79:15-24 '59. (MIRA 13:7)
(Equations, Theory of)

VORONTSOV, B.D.

Use of higher order methods for the solution of equations. Trudy Ural. politekh. inst. no.79:25-32 '59. (MIRA 13:7)
(Equations, Theory of)

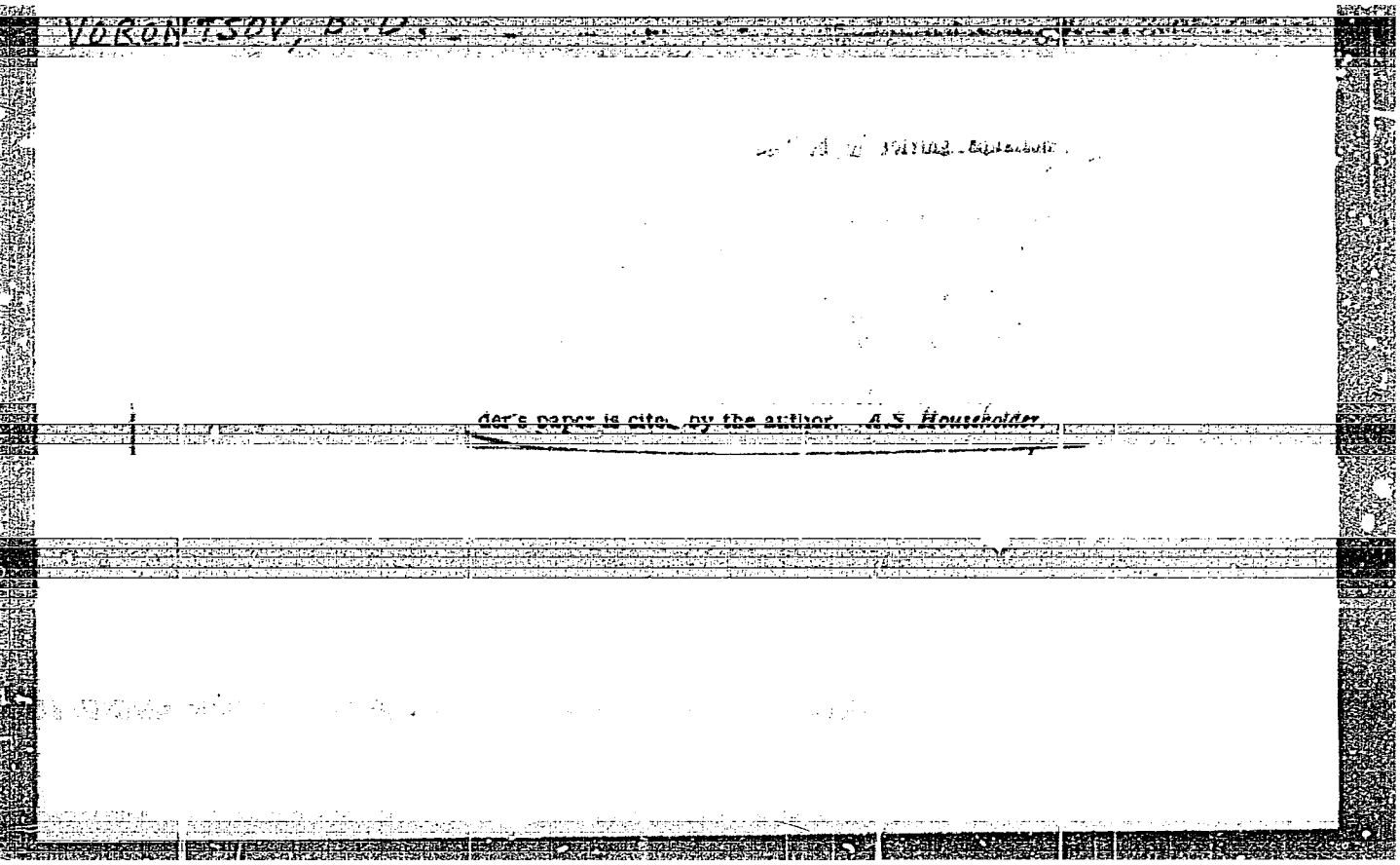
VORONTSOV, B.D.

SUBJECT USSR/MATHEMATICS/Theory of approximations CARD 1/1 PG - 164
AUTHOR VORONCOV B.D.
TITLE On a process for the solution of equations.
PERIODICAL Uspechi mat.Nauk 11, No.1, 187-190 (1956)
reviewed 7/1956

If $f(x)$ is a sufficiently often differentiable function, then as an improvement of an approximated zero ξ of $f(x)$ the author proposes the value $x' = \xi - f(\xi) D_n(\xi)/D_{n+1}(\xi)$, where the D_ν are recursively determined by

$$D_0 = 1, \quad D_\nu = f' D_{\nu-1} - \frac{1}{2!} f'' f D_{\nu-2} + \frac{1}{3!} f''' f^2 D_{\nu-3} - \ldots + (-1)^{\nu-1} \frac{1}{\nu!} f^{(\nu)} f^{\nu-1} D_0$$

$(\nu = 1, 2, \ldots)$.



der's paper is cite by the author. A.S. Householder.

VORONTSOV, B.D.

One method for the solution of equations. Usp.mat.nauk 11 no.1:187-190 Ja-F '56. (Equations) (MLRA 9:6)

VORONTSOV, B.M. (Leningrad)

Steel rope efficiency. Metallurg 4 no.3:34-35 Mr '59.
(MIRA 12:4)
(Wire rope)

SOV/130-58-9-18/23

AUTHOR: Vorontsov, B.M., Engineer

TITLE: Device for Making Non-untwisting Steel Cables (Prisposobleniye dlya izgotovleniya neraskruchivayushchikhsya stal'nykh kanatov)

PERIODICAL: Metallurg, 1958, Nr 9, pp 32-33 (USSR)

ABSTRACT: The author points out the advantages of steel cables in which the elastic deformation of the strands has been reduced by preliminary plastic deformation into the spiral in which they are woven into the cable and describes a machine for this purpose at the Leningradskiy staleprokatnyy zavod (Leningrad Steel-rolling Works). It consists (Figure 1) of six three-roller sections (roller diameter 20 mm), uniformly distributed along a periphery at 24° to the shaft. The outermost rollers are at a fixed distance but the middle ones of each section are attached to a disc which is kept at the proper setting by a worm drive. The strands, after being deformed by passing over the rollers, are formed into cable. Two devices are available, one for 6-10-, the other for 11-15.5-mm diameter cables. The author gives an approximate equation for calculating the required distance between the outermost rollers, mentions briefly tests at the works and states that with 15.5-mm dia.

Card1/2

Device for Making Non-untwisting Steel Cables SOV/130-58-9-18/23

6 x 19 x 1 cable (GOST 3070-55) it is advantageous to use deformed-strand cables in pulleys whose diameter is 20 or more times that of the cable.
There are 2 figures.

1. Cables--Production 2. Cables--Properties 3. Steel--Applications

Card 2/2

VORONTSOV, B.M.

Steel cables of new design and their use. Metiz.proizv. no.1: 112-117 '56. (MLRA 10:2)
(Wire rope)

VORONTSOV, B.M.

High-duty hardness gauges are needed. Izm.tekh. no.4: 17-19 Ap '60. (MIRA 13:8)
(Hardness--Measurement)

06175
SOV/115-59-11-3/36

25 (1), 28 (1, 2)

AUTHOR: Vorontsov, B.N.

TITLE: A Set of Measures and Instruments for Mobile Laboratories

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 11, pp 13-14

ABSTRACT: The Gor'kovskaya gosudarstvennaya kontrol'naya laboratoriya po izmeritel'noy tekhnike (Gor'kiy State Control Laboratory for Measuring Instruments) designed and manufactured a set of special measures and measuring instruments, especially for use in mobile laboratories. A general view of this kit is shown in Fig 1 and its contents is listed in a table. The instruments are designed for checking universal instruments for linear and angle measurements and devices for determining the hardness of metals, which are found most frequently in the practical work of mobile laboratories. The total weight of the case with one complete set of measuring instruments is 7 kg. Gage blocks and angle measuring instruments were manufactured by a special

Card 1/2

A Set of Measures and Instruments for Mobile Laboratories

order. They are more convenient and have a higher productivity than similar instruments of conventional design. Since existing devices have too large dimensions and are more or less of a stationary type, the author designed a device for checking portable inside dial calipers, as shown in Fig 2. This device may be also used for checking dial indicators and lever gages. A note from the editor says that this instrument kit should be supplemented by a lever micrometer and a device for checking the measuring force of micrometers. There are 2 photographs and 1 table.

VORONTSOV, D.N.

New techniques for fixing diamond tips on the TK-type hardness gauge. Izm.tekh. no.4:78-79 Jl-Ag '56. (MLRA 9:11)
(Hardness--Measurement)

VOROHTSOV, B.N.; SHUL'PIN, M.F.

Effective quality control in factory laboratories. Izm.tekh. no.2: 57-61 Mr-Ap '56. (MIRA 9:7)
(Mensuration--Quality control) (Engineering laboratories)

VORONTSOV B. N.

VORONTSOV, B.N.

State testing laboratories and departmental inspection. Izm. tekh. no.1:88-89 Ja-F '58. (MIRA 11:2)
(Testing laboratories) (Measuring instruments--Testing)

VORONTSOV, B.N.

115-5-7/44

AUTHORS: Vorontsov, B.N., and Panfilov, I.A.

TITLE: On the Wire Wear Tolerance (O dopuske na iznos provolochek)

PERIODICAL: "Izmeritel'naya Tekhnika", No 5, Sep-Oct 1957, pp 17-19 (USSR)

ABSTRACT: The article deals with the measuring wires applied in the conventional three-wire method of measuring the pitch diameter of thread-cutting instruments and thread calipers. According to the requirements of standard "ГОСТ 2475-44" and the instruction "45-48", plant inspectors are forced monthly to reject large quantities of usable wires, since a diameter inaccuracy of 0.0003 mm already makes wires rejectable. Apart from that, wires are presently designed mainly to be measured by horizontal optimeters, while actually an increasing number of plants is employing vertical optimeters, length meters and minimeters and not horizontal optimeters. The author suggests a revision of the existing technical conditions. He describes a wire checking method developed by the measurements-laboratory of the Gor'kiy Automobile Plant and cites the wire tolerances applied by this plant. He mentions that the plant still has a large stock of wires made by the American standard. The method of the Gor'kiy plant allows a $2\frac{1}{2}$-times higher diameter wear tolerance of wires without an increase of error

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On the Wire Wear Tolerance 115-5-7/44

in the measurements of pitch diameter.
The article contains 3 tables.

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VORONTSOV, B.N.; PEREL'SHTEYN, Ye.L; DONDE, Yu.Ya.; DRUKER, Z.I.

New principles for determining the compulsion of official testing of measuring instruments. Izm.tekh. no.5:58-61 My '61. (MIRA 14:5)

1. Zamestitel' Nachal'nika TSentral'noy izmeritel'noy laboratorii Gor'kovskogo avtomobil'nogo zavoda (for Vorontsov). 2. Nachal'nik laboratorii elektricheskikh izmereniy zavoda DINAMO imeni S. M. Kirova (for Druker).

(Measuring instruments--Testing)

The State Control Laboratories and Departmental Supervision

ments. In an attempt to improve the situation, the Gor'kiy State Control Laboratory has organized a Section of Linear Measurements, and included into it not only representatives from its own staff but also the "TsIL" bosses of the 9 largest plants in Gor'kiy. The experience of this Section is described, and some positive results are mentioned, i.e. introduction of some new measuring instruments and tools into practical use.

1. Measurement 2. Instruments---Inspection 3. Instruments --Control

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SOV/115-59-8-28/33

25(1)

AUTHOR: Vorontsov, B. N.

TITLE: Eliminating Superflous Items in Instrument Building

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 8, pp 57-58 (USSR)

ABSTRACT: In recent years, the Soviet industry produces an adequate amount of precision measuring instruments which are comparable to the best foreign models. However, disregarding operational requirements, the manufacturers furnish accessories which are never used. Manuals explaining the application of these devices do not indicate for which purpose the one or other accessory was designed. At the same time, without knowing the requirements of the users (or simply disregarding them), the instrument plants do not produce some of the necessary accessories without which the devices cannot be fully used. As a result, numerous expensive accessories supplied with the measuring instruments are not used and the money spent for their manufacture has been wasted. For example, the interferometer PIU-2 is equipped with accessories for checking Category II gage blocks. However, the manufacturer should know that Category II measu-

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ring instruments are not checked on a PIU-2. As a rule, enterprises use the PIU-2 for category IV measuring instruments. Consequently, these accessories are not used. However, the instructions for utilizing the PIU-2 should contain more detailed descriptions of adjusting the mirror when counting fading interference lines. A more perfect method of counting interference fringes by means of additional optical attachments should be developed instead of recommending the application of a magnifying glass which is not contained in the instrument accessories. Telescope calipers are also provided with unnecessary accessories which are never used. Telescope calipers are used for more than 20 years, but their design remained unchanged, although some parts could have been improved. The manual describing the utilization of goniometer GS-5 is much too short, although this measuring instrument differs essentially from similar devices. The GS-5 is equipped with seven interchangeable eyepieces, but the purpose of five of them

is not explained in the manual. This may cause improper utilization of the five eyepieces, decreasing the value of the instrument. For eliminating the aforementioned deficiencies, the instruments plants must cooperate with the users. They should collect information on the operation of the measuring instruments and should study the application of accessories. In addition, the state control laboratories must study the operational properties of measuring instruments and must indicate ways of improvements.

SOV/115-58-5-3/36

AUTHOR: Vorontsov, B.N.

TITLE: Urgent Tasks of Departmental Supervisory Organs (Neotlozhnyye zadachi organov vedomstvennogo nadzora)

PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 5, pp 7-9 (USSR)

ABSTRACT: The author declares that widespread reform is needed for really efficient supervision in the factory. Technical supervision must be completely reorganized, the most important supervisory procedures being handed over to the factory workers, and only the most responsible supervisory operations and overall management should be given to the OTK - the organs of technical control. The author first calls for the workers to be specially trained in handling control equipment; particularly every worker should look after "his" group of measuring devices, partly in order to delegate responsibility to the individual, partly to eliminate errors which have arisen through the use of "second hand" measuring devices. An important role is ascribed to the factory

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Urgent Tasks of Departmental Supervisory Organs

Measuring Laboratory (TsIL) which, the author feels, should control the entire supervisory procedures and check the state of the equipment via spot checks. This type of reorganization of factory supervision is currently being carried out in the sovnarkhozes. This new system was tried out as an experiment in a number of enterprises in Gor'kiy. The results showed that, whereas under the old system in the case of 650 workers, 15%-20% of the 1200 pieces of equipment needed repairs, under the new system, this percentage was reduced to 1% for the same period. Finally the author called for a supervisory system, taking into consideration varying conditions, in contrast to the old system, which was meant to be equally valid for all conditions. Also special CLI units should be created to check the measuring instruments. The editorial staff asks for readers' opinions on the above questions.

VOHONTSOV, B.N.

Checking hardness gauges. Izm. tekh. no.3:30 My-Je '57.
(Gauges--Testing) (MLRA 10:8)

VORONTSOV, B.N.; PAMFILOV, I.A.

Allowances for wear of thin wires. Izm.tekh. no.5:17-19 S-O '57.
(MLRA 10:9)

(Mechanical wear) (Wire)

VORONTSOV, B.N.

Checking squares on control boards. Izm. tekh. no.2:68-69 Mr-Ap '57. (MLRA 10:6)
(Carpenters square)

VORONTSOV, B.N.

Apparatuses for checking instruments used in measuring linear dimensions. Izm.tekh. no.1:63-67 Ja-F '56. (MLRA 9:5)
(Measuring instruments--Testing)

VORONTSOV, B.V., inzh.

Technical and economic factors in planning the production of precast and reinforced concrete in construction yards and plants. Transp. stroi. 10 no.9:46-48 S '60. (MIRA 13:9)
(Precast concrete)

VOROBTSOV, B.V., inzhener; YEGNUS, Ye.L., kandidat tekhnicheskikh nauk; PLETNEV, V.I.; YANKOVSKIY, O.A.

Building narrow-gauge railroads by specialized crews. Torf. prom. 34 no.3:24-28 '57. (MLRA 10:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva Ministerstva transportnogo stroitel'stva.
(Railroads--Construction)

ACC NR: AP7000939 SOURCE CODE: UR/0230/66/000/011/0006/0008

AUTHORS: Chernavskiy, V. P. (Director); Vorontsov, B. V. (Deputy director)

ORG: Earth Roadbed Equipment Laboratory, TsNIIS (Laboratoriya sooruzheniya zemlyanogo polotna)

TITLE: Earthwork in frozen soils must be mechanized

SOURCE: Transportnoye stroitel'stvo, no. 11, 1966, 6-8

TOPIC TAGS: excavating machinery, soil behavior, arctic climate, pneumatic device

ABSTRACT: A survey of equipment and methods used for earthwork in permafrost and seasonally frozen soils is prescribed. Present techniques of cutting, crushing, grinding, and removing soils are compared as to their economics and efficiencies, and machines associated with each technique are described in some detail. It is pointed out that the volume of these operations will increase from the present 3 million m^3 to some 9 million m^3 by 1970 and that the current techniques are difficult, costly, and inefficient. Loosening the soils by blasting is used in about 30% of all the work, but is dangerous to habitations and equipment, does not produce fragments of desired size, and may be followed by refreezing. Mechanical breaking (in 70% of the work) is accomplished by freely falling wedges or balls carried by cranes or excavating machines. This technique is inefficient, wears out the machinery involved, and is expensive. It is recommended that the machinery be constructed in two gauges: for use

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UDC: 624.139.2

ACC NR: AP7000939

in regions where the frost line does not reach below 1.3 m from the surface, and for a frost line of 2 m. Working capacities of such machines are briefly discussed, their characteristics are given, and tractors DET-250 are suggested as carriers. Excavating buckets with built-in pneumatic jackhammers are being investigated and may prove to be very useful. Their working efficiencies are compared with those of various machines, and the results are tabulated. It is concluded that buckets with jackhammers are highly promising because they do away with the necessity for soil loosening by separate machines prior to its removal, may be applied to excavating of medium-hard rocks, are simple to manufacture and economical to operate. For these reasons their development, design, and mass production are highly recommended. Orig. art. has: 1 table and 2 formulas.

[04]

SUB CODE: 08/ SUBM DATE: none / ATD PRESS: 5110

Card 2/2

VORONTSOV, D. S.

PA 34/49T14

USSR/Medicine - Nervous System, Effects of Drugs on Medicine - Nervous System, Physiology Sep/Oct 48

"The Inhibitive Action of the Cathode," D. S. Vorontsov, Animal Physiol Inst, Kiev State U, 10 pp

"Fiziol Zhur SSSR" Vol XXXIV, No 5

A nerve impulse entering a section of nerve "altered" with a solution of cocain or potassium chloride initially increases, then decreases the excitability of the section. Period of increased excitability with respect to the cathode corresponds to the so-called "absolute refractory phase." Investigates phenomenon

34/49T14

USSR/Medicine - Nervous System, Effects of Drugs on (Contd) Sep/Oct 48

and states conclusions. Submitted 3 Jun 46.

34/49T14

VORONTSOV, D.S.

Pathways of the development of modern physiology. Fiziol. zhur. [Ukr.] 9 no.4:427-436 Jl-Ag '63. (MIRA 17:10)

1. Institut fiziologii im. Bogomol'tsa AN UkrSSR, Kiyev.

VORONTSOV, D.S.

Characteristics of the physiological structure of the living cell. Fiziol. zhur. [Ukr.] 10 no.1:3-15 '64. (MIRA 17:8)

1. Institut fiziologii im. Bogomol'tsa AN UkrSSR, Kiyev.

VORONTSOV, D.S.

23591.

O PRIRODE ELEKTRICHESKIKh POTENTSIALOV ZhIVYKh TKANEY. (DOKLAD I PRENIYa). V SB: GAGRSKIYe BESEDY (PO EKSPERIM. BIOLOGII). T.I. TBILISIS, 1949, c. 149-93

SO: LETOPIS' NO. 31, 1949

VORONTSOV, D.S.

Action currents of the spinal cord in frogs. Report 2. Nauk.zap.Kiev.un. 8 no.7:5-40 '50 [i.e.'49]. (MLRA 9.10)

1.Sektor obshchey fiziologii.
(SPINAL CORD) (NERVOUS SYSTEM--BATRACHIA) (ELECTROPHYSIOLOGY)

VORONTSOV, D.S.; FUDEL'-OSIPOVA, S.I.

Correlation of stimulation and excitation of a plantar preparation from a frog by separate stimulations. Nauk.zap.Kiev.un.8 no.7:41-62 '50 [i.e.'49]. (MLRA 9:10)

1.Sektor obshchey fiziologii.
(NERVES) (MUSCLES) (ELECTROPHYSIOLOGY)

VORONTSOV, D.S.

Anelectrotonic reaction of the cerebrospinal radicles. Fiziol.zh. SSSR 37 no.2:152-161 Mar-Apr 51. (CIML 21:1)

1. Institute of Animal Physiology attached to Kiev State University.

VORONTSOV, D. S.

Inhibition of the neural impulse with cathode of short duration electric current. Fiziol. zh. SSSR 38 no. 2:179-193 Mar-Apr 1952. (CLML 22:3)

1. Institute of Animal Physiology, Kiev State University.

VORONTSOV, D.S.

Electric reaction of the anterior root to antidromic impulse. Fiziol. zh. SSSR 38 no.4:471-478 July-Aug 1952. (CIML 23:2)

1. Scientific-Research Institute of Animal Physiology attached to Kiev State University.

VORONTSOV, D.S., professor; BOGACH, P.G., dotsent, otvetstvennyy redaktor

[An outstanding Russian physiologist, N.E.Vvedenskii] Vydaiushchiisia russkii fiziolog N.E.Vvedenskii. [Kiev] Izd-vo Kievskogo gos. univ. im. T.G.Shevchenko, 1953. 43 p. (MLRA 9:8)
(Vvedenskii, Nikolai Evgen'evich, 1852-1922)

USSR/Human and Animal Physiology. The Nervous System. V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27326.

Author : D.S. Vorontsov.
Inst : [redacted]
Title : The Different Forms of Electrotonic Potentials Seen in the Spinal-Cord Roots in the Frog.

Orig Pub: In the Collection: Probl. sovrem. fiziol. nervn. i myshechn. sistem. Tbilisi, AN GruzSSR, 1956, 31-42.

Abstract: A description is given of the electrotonic potentials arising in the anterior and posterior roots of the spinal cord upon stimulation of different roots or peripheral nerves. The electrotonic potential of an anterior root seen in response to stimulation of a posterior root was characterized by a duration of from 0.1 to 1 second and above; its sign was usually

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root associated with antidromic stimulation could be both protracted and brief (10 to 30 msec) and both negative and positive. When the brain was stimulated, very protracted, high-amplitude, consistently negative electrotonic potentials arose in an anterior root. The electrotonic potentials of the posterior roots were more constant and in the overwhelming majority of cases were negative, but could be positive under certain conditions. Electrotonic potentials could be produced in a posterior root both by stimulation of different posterior roots and by antidromic excitation of anterior roots, differing in the latter case only by a more prolonged latent perior. Pro-

VORONTSOV,D.S.

Electrotonic potentials of the nervous system. Fiziol.zhur. [Ukr.] 2 no.5:12-25 S-O '56. (MLRA 10:1)

1. Kiivs'kiy derzhavniy universitet imeni T.G.Shevchenka i Institut fiziologii imeni O.O.Bogomol'tsya Akademii nauk URSR.
(ELECTROPHYSIOLOGY) (NERVOUS SYSTEM)

UKRAINE/Human and Animal Physiology. The Nervous System.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36822.

Author : Vorontsov, D.S.
Inst : Kiev University.
Title : The Mechanism of Synaptic Transmission of Nervous Impulses.

Orig Pub: Nauk. zap. Kiyevsk. Un-t, 1956, 15, No 12, 5-27.

Abstract: The author, in accordance with the hypothesis of the electrical nature of the synaptic transmission of nervous impulses, of which he is a proponent, submits, that in stimulating activities of the synapses, a current originating on the inner surface of the nerve ending flows into the soma of the corresponding neuron and returns back to the nerve ending, to its external surface. In the areas where the current flows into

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VORONTSOV, D.S.

Academician Ivan Solomonovich Beritashvili(Beritov). D. S. Vorontsov. *Fiziol. Zhur. S.S.S.R.* 42, 120-5(1956).—Biography with portrait on occasion of 70th birthday of the physiologist. G. M. Kosolapoff

VORONTSOV, D.S.

VORONTSOV, D.S., prof., akademik; BOGACH, P.G. [Bohach, P.H.], dots., red.; YANKOVSKA, Z.B. [IAnkovs'ka, Z.B.], red.; KHOKHANOVSKA, T.I. [Khokhanovs'ka, T.I.], tekhn.red.

[V.IU.Chagovets, the founder of modern electrophysiology] V.IU Chahovets' - osnovopolozhnyk suchasnoi elektrofiziologii. [Kyiv] Vyd-vo Kyivs'koho derzh.univ. im. T.H.Shevchenka, 1957. 51 p. (MIRA 11:3)

1. Akademiya nauk URSR (for Vorontsov)
(Chagovets, Vasilii IUr'evich, 1873-1941)

VORONTSOV, D.S.

VORONTSOV, D.S.

Development od electrophysiology in the Ukraine. Fiziol.zhur. [Ukr.] 3 no.5:29-35 S-O '57. (MIRA 11:1)

1. Institut fiziologii im. O.O.Bogomol'tsya Akademii nauk URSR, laboratoriya elektrofiziologii.
(UKRAINE--ELECTROPHYSIOLOGY)

VORONTSOV, D.S.

VORONTSOV, D.S.

Electrical response of the cerebral cortex to direct stimulation.
Zhur.vys.nerv.deiat. 7 no.6:929-941 N-D '57. (MIRA 11:2)

1. Institut fiziologii zhivotnykh Kiyevskogo gosudarstvennogo universiteta.
(CEREBRAL CORTEX, physiology,
eff. of direct stimulation on electric response (Rus))

Воронцов, Д.С.

VORONTSOV, D.S.

Natural excitability of living creatures. Fiziol.zhur. [Ukr.] 4 no.1:3-15 Ja-F '58. (MIRA 11:3)

1. Institut fiziologii im. O.O.Bogomol'tsya Akademii nauk URSR, laboratoriya elektrofiziologii.
(IRRITABILITY)

EXCERPTA MEDICA Sec 2 Vol 12/2 Physiology Feb 59

885. ELECTRICAL RESPONSE OF THE CEREBRAL CORTEX (Russian text) - Vorontsov D. S. Inst. of An. Physiol., Kiev Univ., Kiev - ZH. VYSSH. NERV. DEYAT. 1958, 8/2 (286-294) Graphs 5

The results of a study of electrical reactions of the cerebral cortex in a cat to stimulation of various layers of the cortex under deep anaesthesia (hexobarbital) are reported. Changes in the cortical responses in various regions, depending on the depth of location of the stimulating electrodes are described.

VORONTSOV, D.S.

Conditions of the nerve during its alteration [with summary in English]. Fiziol.zhur. 44 no.11:1026-1033 N '58 (MIRA 11:12)

1. Institut fiziologii imeni A.A. Bogomol'tsa AN USSR, Kiyev.
(NERVES, physiol.
conduction in changes induced by various substances (Rus))

VORONTSOV, Daniil Semenovich; NIKITIN, Vladimir Nikolayevich [Nikitin, V.M.]; SERKOV, Filipp Nikolayevich [Serkov, P.M.]; PRIKHOD'KOVA, Ye.K. [Prykhod'kova, IE.K.], otv.red.; BRAGINSKIY, L.P. [Brahins'kyi, L.P.], red.izd-va; YEFIMOVA, M.I. [IEfimova, M.I.], tekhn.red.

[An outline of the history of physiology in the Ukraine] Narysy z istorii fiziologii na Ukraini. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 253 p. (MIRA 13:7)

1. Chlen-korrespondent AN USSR (for Prikhod'kova).
(Ukraine--Physiology)

KOSTYUK, Platon Grigor'yevich; VORONTSOV, D.S., akademik, otv.red.; YANKOVSKAYA, Z.B., red.izd-va; LISOVETS, A.M.

[Microelectrode techniques] Mikroelektrodnaia tekhnika. Kiev, Izd-vo Akad.nauk USSR, 1960. 125 p. (MIRA 13:7)

1. AN USSR (for Vorontsov).
(ELECTRONICS IN MEDICINE) (ELECTRODES)

VORONTSOV, D.S.

What does the electroencephalogram express? Zhur. vys. nerv. deiat. 10 no. 1:42-52 Ja-F '60. (MIRA 14:2)

1. Institute of Physiology, Ukrainian Academy of Sciences, Kiev.
(ELECTROENCEPHALOGRAPHY)

VORONTSOV, Danil Semenovich, akademik; STAROSTENKOVA, M.M., red.; SAVCHENKO, Ye.V., tekhn.red.

[Electricity in the living organism] Elektrichestvo v zhivom organizme. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.8, Biologiia i meditsina, no.1) (MIRA 14:1)

1. AN USSR (for Vorontsov).
(ELECTROPHYSIOLOGY)

PHASE I BOOK EXPLOITATION SOV/6090

Vorontsov, Daniil Semenovich

Obshchaya elektrofiziologiya (General Electrophysiology). Moscow, Medgiz, 1961. 488 p. 5000 copies printed.

Ed.: V. A. Nazarov; Tech. Ed.: N. S. Kuz'mina.

PURPOSE: This book is intended for physiologists and physicians using methods of electrophysiology in laboratory and clinical practice, and also for instructors, aspirants, and students in medical institutes and departments of biology.

COVERAGE: Basic current information on bioelectric phenomena in organs, tissues, and cells of the animal organism is presented. In describing the bioelectric potentials of various tissues and organs, the author attempts to explain the source of these potentials, their character, functional role,

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their dependence on various factors, and their relation to the basic physiological functions of tissues and cells. The physical and chemical character of bioelectric potentials is considered, modern theoretical concepts of these potentials are described, and a large amount of factual data obtained during the last twenty years by the method of intracellular measurements of electropotentials are given. No personalities are mentioned. There are 124 references: 31 Soviet (including 6 translations), 76 English, 16 German, and 1 French.

TABLE OF CONTENTS:

VORONTSOV, D.S.

Conduction of a nerve impulse in the altered portion of the nerve. (MIRA 15:5)
Trudy 1-go MMI 11:86-100 '61.

1. Laboratoriya fiziologii (zav. - prof. D.S.Vorontsov) Instituta fiziologii imeni A.A.Bogomol'tsa, Kiyev.
(NEUROCHEMISTRY) (SCIATIC NERVE)

VORONTSOV, D.S.

Mechanism of synaptic transmission of nerve impulses. Trudy Len. ob-va est. 72 no.1:98-99 '61. (MIRA 15:3)
(NERVOUS SYSTEM)

MAKARCHENKO, A.F., otv. red.; VORONTSOV, D.S., red.; KOSTYUK, P.G., red.(Kiyev); SERKOV, F.N., red.; SEMENYUTIN, I.P., red. BOKHNO, Yu.M., tekhn. red.

[Basic problems in the electrophysiology of the central nervous system] Osnovnye voprosy elektrofiziologii tsentral'noi nervnoi systemy. Kiev, Izd-vo Akad. nauk USSR, 1962. 231 p. (MIRA 15:6)

(NERVOUS SYSTEM) (ELECTROPHYSIOLOGY)

VORONTSOV, D.S.

"The role played by the perineurium in the development of the physical electrotonus."

Report submitted, but not presented at the 22nd International Congress of Physiological Sciences.
Leiden, the Netherlands 10-17 Sep 1962

VORONTSOV, D.S.

Interrelation between the living cell and environment. Fiziol. zhur. [Ukr.] 8 no.1:13-20 Ja-F '62. (MIRA 15:2)

1. Institut fiziologii im. A.A.Bogomol'tsa AN USSR, Kiyev. (CELLS)

VORONTSOV, D.S.

Role of the perineurium in the formation of physical electrotonus. (MIRA 15:8)
Fiziol.zhur. 48 no.5:510-519 My '62.

1. From the Ukrainian S.S.R. Academy of Sciences A.A.Bogomoletz Institute of Physiology, Kiev.
(ELECTROPHYSIOLOGY) (NERVES, PERIPHERAL)

VORONTSOV, D.S.; ZLATIN, R.S.

Outstanding scientist of Lenin's cast; on the occasion of the 60th birthday of Academician O.F. Makarchenko, member of the Academy of Sciences of the Ukrainian S.S.R. Fiziol. zhur. [Ukr.] 9 no.6:805-809 N-D '63. (MIRA 17:8)