

L 8911-65

ACCESSION NR: AT4013983

ASSOCIATION: Spetsial'noye konstruktorskoye byuro analiticheskogo priborostro-
yeniya (Special Design Bureau for Analytic Instrumentation)

SUBMITTED: 00

ENCL: 02

SUB CODE: NP

NO REF SOV: 001

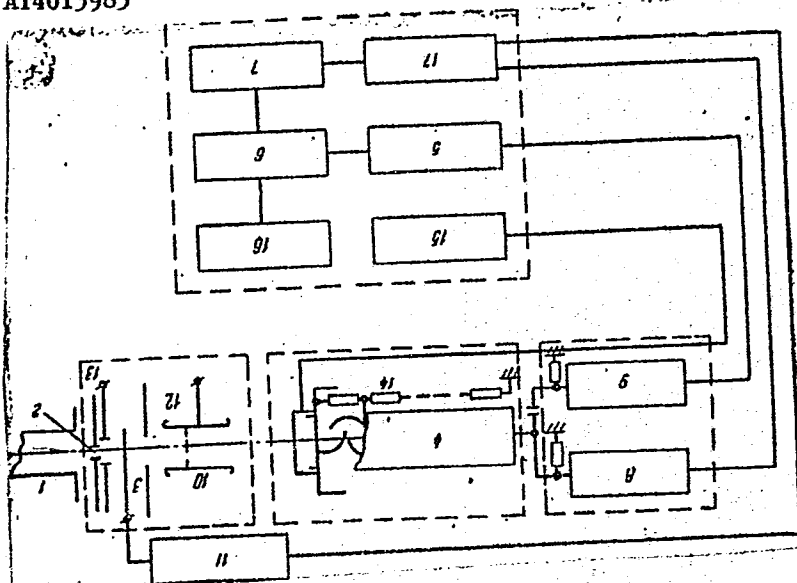
OTHER: 001

Card 3/5

L 8911-65
ACCESSION NR:

AT4013983

ENCLOSURE: 01



Card 4/5

L 8911-65

ACCESSION NR: AT4013983

ENCLOSURE: 02

Citation to Fig. 1.

Fig. 1. Simplified block diagram of ion counter

1-analyzer chamber, 2-ion receiver aperture, 3-traversing collector, 4-electron multiplier, 5-impulse amplifier, 6-analyzer, 7-rate meter, 8-electrometric cascade II, 9-cathode follower, 10-retarding electrode, 11-electrometric cascade I of DC amplifier, 12-grounded screen, 13-antidynatron electrode, 14-voltage divider, 15-multiplier power unit, 16-counter, 17-DC amplifier unit

Card 5/5

ACCESSION NR: AP4018382

S/0120/64/000/001/0151/0156

AUTHOR: Lepekhin, A. T.; Shereshevskiy, A. M.

TITLE: Magnetic ionization manometer of high sensitivity

SOURCE: Pribory* i tekhnika eksperimenta, ⁹no. 1, 1964, 151-156

TOPIC TAGS: manometer, ionization manometer, high sensitivity ionization manometer, magnetic ionization manometer, LM-2 ionization tube, hot cathode ionization tube, cold cathode ionization manometer

ABSTRACT: Many shortcomings of the LM-2 hot-cathode ionization sensor, "which has been widely used in the USSR," are indicated. To eliminate some of these shortcomings, the authors developed a new cold-cathode manometer (see Enclosure 1) based on L. D. Hall's principle of a magnetic-ion pump (Rev. Sc. Instr., 1958, 29, 367). Various phases of its development, including premises, criteria used, etc., are set forth. The developed instrument has these ratings:

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sensitivity, 8 a/torr \pm 20%; range, 10^{-3} to 10^{-4} torr; linear scale within the above range; magnetic field intensity, 1,500-1,800 oerst.; supply voltage, 3 kv. The new manometer is used in latest-model mass spectrometers. Orig. art. has: 9 figures.

ASSOCIATION: SKB Analiticheskogo priborostroyeniya AN SSSR (SKB of Analytical Instrument Designing, AN SSSR)

SUBMITTED: 29Aug62

DATE ACQ: 18Mar64

ENCL: 01

SUB CODE: PH

NO REF SOV: 002

OTHER: 002

Card 2/32

L 47081-65 EWT(1) IJP(2)

ACCESSION NR: AP5007044

S/0120/65/000/001/0141/0146

AUTHOR: Oleynik, V. K.; Rutgayzer, Yu. S.; Shereshevskiy, A. M.

TITLE: Standardized line of ion sources for mass spectrometers

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1965, 141-146

TOPIC TAGS: ion source, mass spectrometer

ABSTRACT: As A. O. Nier's widely-used ion source often does not meet modern requirements, a new line of five standardized types has been developed: (1) A gas ion source with an electrostatic focusing of the electron beam; (2) Same, with magnetic focusing; (3) A crucible-type ion source; (4) A furnace type with a cell; (5) An ion source intended for analyzing heavy hydrocarbons with stabilized temperature of the admission channel and ionization chamber. This line is intended for MI1309, MI1310, MI1311, and MKh1306 Soviet-made mass spectrometers. The resolving power of these spectrometers equipped with the

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ACCESSION NR: AP5007044

above ion sources is within 300—1000, depending on the size of the source output slit and the collector input slit. The argon sensitivity of these mass-spectrometers is within 2×10^{-4} — $5 \cdot 10^{-5}$ %. The design of standardized sources permits easy replacements to suit operating conditions. The sources are intended for isotopic and molecular analyses of solids, liquids, and gases. Orig. art. has: 6 figures.

ASSOCIATION: SKB Analiticheskogo priborostroyeniya AN SSSR (Special Design Office for Analytical Instruments, AN SSSR)

SUBMITTED: 30Nov63

ENCL: 00

SUB CODE: GP, IE

NO REF SOV: 004

OTHER: 004

bjp
Card 2/2

SHERESHEVSKI, E. I.

Endovoe sobakovodstvo. [Sled dog breeding]. Moskva, Izd-vo Glavseморputi, 1946.
247 p. illus.

DLC: SF428.7.S48

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress
Reference Department, Washington, 1952, Unclassified

CHERJURVYIY, E. I.

Nataska, nagonka i pritravka pro- myslovyykh sobak [Training dogs for hunting, coursing and killing fur-bearing animals]. Izd. 2-e. Moskva, Zagotizdat, 1952. 80 p. (E-ka promysl. okhotnika)

SO: Monthly List of Russian Accessions, Vol. 7, No. 3, June 1954.

SHERSHEVSKIY, E.I.

Borzye i okhota s nimi (Russian wolfhounds and their use in hunting) Moskva, Izd-vo Ministerstva sel'skogo khoziaistva i zagotovok, 1953. 76 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

USSR / Domestic Animals, Dogs.

Q-6

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7221.

Author : Ye I. Shereshevskiy.

Inst : Not given

Title : Breeding of Pedigreed Eskimo Dogs In an Experimental Kennel for Hunting and Harness Dogs VNIIO.

Orig Pub: Ratsionalizatsiya okhotn. promysla. vyp. 5, 1956, 129-137

Abstract: Since 1946 work has been in progress at the experimental kennels on the breeding of pedigreed Eskimo dogs of the Russian-European and Western-Siberian breeds. The experiments are conducted with the best breeders by means of careful and moderate inbreeding. As a result, pedigreed dogs have been produced in each of the above named groups. These dogs are characterized by good hunting traits, and a desirable appearance.

Card 1/1

27

SHERESHEVSKIY, E.I.

Walrus (*Odobaeenus rosmarus* L.), its distribution and migrations
in the Laptev Sea. Migr. zhiv. no. 2:27-37 '60. (MIRA 13:12)

1. Moskovskoye obshchestvo okhotnikov.
(Laptev Sea--Walruses) (Animal migration)

SECRET-SPEVSE U', G.I.

The APCG-2 automatic device for shuttling curtain machines. Bul.-
tekh.-ekon.inform. no.11:61-62 '61. (MIRA 14:12)
(Shuttles, Threading of)

SHERSHNEVSKIY, S. M.

Reflexes

Physiological explanation of the process of artificial intensification of the knee jerk reflex. Zhur. nevr. i psikh. 52 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

SHERESHEVSKIY, G.M.

Rare complication of acute appenicitis. Khirurgiia 32 no.2:77 F '56.
(MLRA 9:7)

(APPENDICITIS)

17(14)

SOV/177-58-11-3/50

AUTHOR: Shereshevskiy, G.M., Lieutenant-Colonel of the Medical Corps

TITLE: Remote Sequela of Closed Injuries of the Brain

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 11, pp 10 - 13 (USSR)

ABSTRACT: The author reports on remote sequela of closed traumas in the brain, above all on posttraumatic cysts. The article is based on 2 case histories and data by N. A. Zavadskiy, I.S. Kurilenko, M.O. Gurevich, G.V. Pervushin, G.I. Serebrennikov, A.N. Bakulev, M.A. Aleksandrovskaya, A.S. Yuzhelevskiy, M.M. Gol'dshteyn and A.V. Triumphov. The author refers to the classification of L.I. Smirnov on the traumatic disease of the brain. He distinguishes 5 periods in the course of the disease: 1) The initial period; 2) the early period (Beginning 12-48 days after the trauma); 3) the intermediary period (cicatrization); 4) the late pe-

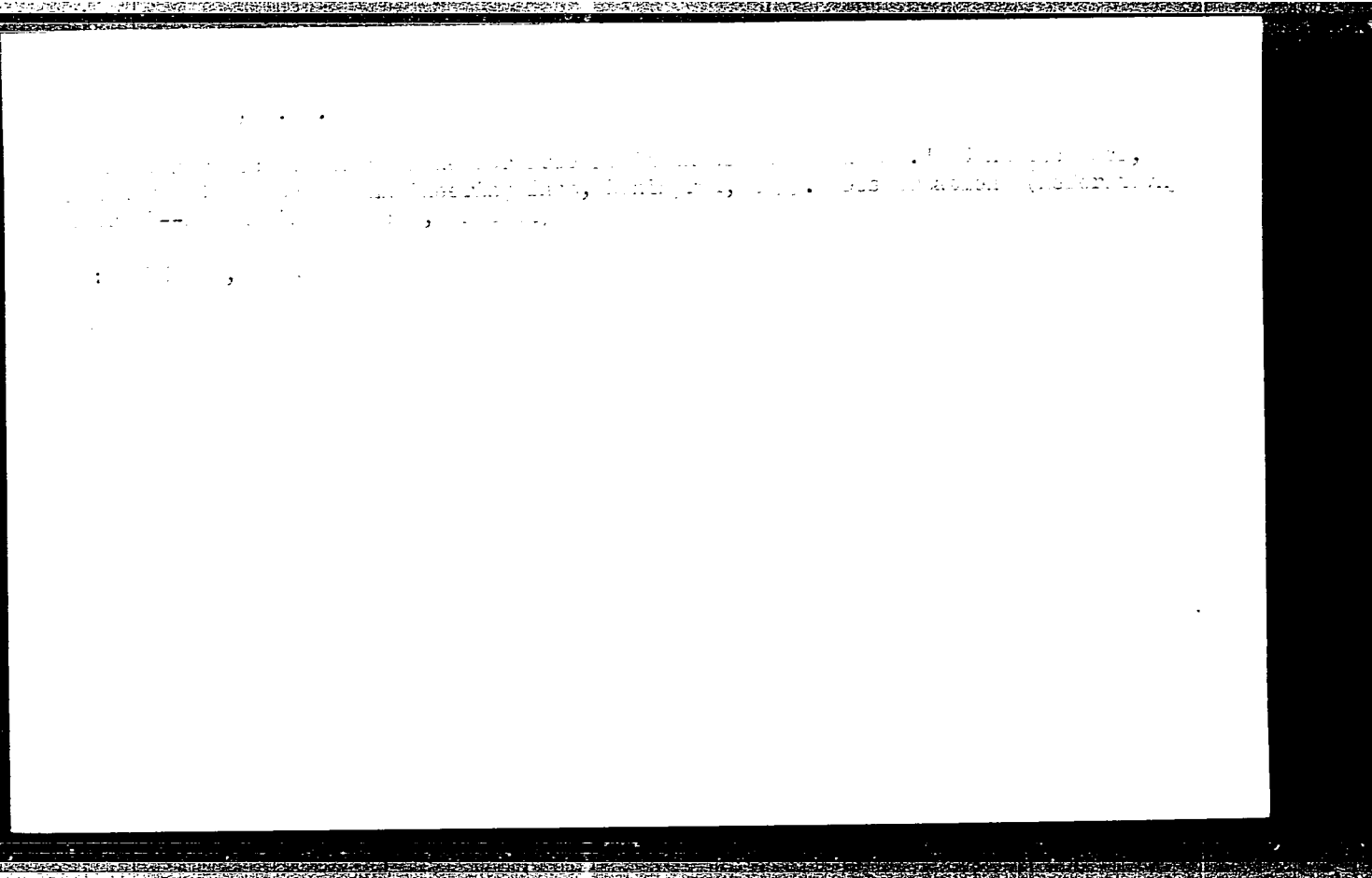
Card 1/2

SCV/177-58-11-3/50

Remote Sequela of Closed Injuries of the Brain

riod (from the 4th week to the 4th month following injury; cicatrization; healing of the defect); 5) the residual period (lasting up to 9 to 15 years following the trauma, terminal stage of cicatrization, terminal development of degeneration and atrophy of the various sections of the substantia medullaris). One of the less known sequela of closed traumas of the brain with progradient course, is the development of an intra-medullary posttraumatic cyst (residual period) which is mostly diagnosed after penetrating bullet wounds. The development of the cyst results from traumatic haemorrhage and necrosis. The cyst develops slowly in the course of many years and frequently results in a swelling of the brain and disturbance of the cerebral blood circulation.

Card 2/2



~~SHERESHEVSKIY, Iosif Abramovich; VASIL'KOVSKIY, S.V., prof., nauchnyy red.;~~
~~SHUR, N.I.A., red.izd-va; PUL'KINA, Ye.A., tekhn.red.~~

[Standardized elements for industrial buildings; a textbook of designing] Unifitsirovannye chasti promyshlennykh zdaniy; posobie dlia uchebnogo proektirovaniia. Leningrad, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 7 p. 16 p. of diagr. (MIRA 11:5)

1. Onlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR
(for Vasil'kovskiy)
(Industrial buildings)

AUTHOR: Shereshevskiy, I. A. Dotsent

3-7-20/29

TITLE: Training Models of Progressive Construction (Uchebnyye makety progressivnykh konstruktsiy)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 7, pp 77-79 (USSR)

ABSTRACT: The author of this article directs the construction of training models at the Chair of Construction and Architecture of the Leningrad Polytechnical Institute. The models represent sections of industrial buildings. The first series of 5 models was designed in 1951. These have been replaced by a new series of models, designed in 1956. The author points out that the utilization of these models has worked well to increase the interest of students and that they are good training aids. However, a number of omissions was noted, which will be corrected in the new models that are being designed by the Leningrad Institute of Building Engineering (Leningradskiy inzhenerno - stroitel'nyy institut). The author recommends the organization of workshops for experimental models, and a factory for the serial design of school-models.

Card 1/2

There are 4 figures.

Training Models of Progressive Construction

3-7-20/29

ASSOCIATION: The Leningrad Polytechnical Institute imeni M. I. Kalinin
(Leningradskiy politekhnicheskii institut imeni M. I. Kalinina)

AVAILABLE: Library of Congress

Card 2/2

SHERESHEVSKIY, I.A.; ZHURAVSKIY, N.A., red.izd-va; ROZOV, L.K.,
tekhn. red.

[Residential buildings: structural systems and elements for
industrial methods of buildings; manual for design courses]
Zhilye zdaniia; konstruktivnye sistemy i elementy dlia in-
dustrial'nogo stroitel'stva; posobie dlia uchebnogo pro-
ektirovaniia. Leningrad, Gosstroizdat, 1962. 123 p.
(MIRA 15:5)

(Building--Details)

S/184/62/000/001/004/008
D041/D113

AUTHORS: Novikov, I.K., Engineer; Mukhina, T.N., Candidate of Technical Sciences; Shereshevskiy, I.S., Engineer

TITLE: Ceramic materials as heat carriers in high-temperature processes

PERIODICAL: Khimicheskoye mashinostroyeniye, no. 1, 1962, 33-36

TEXT: The article contains a detailed description of experimental investigations conducted with a wide range of materials in order to determine the best heat carriers for high-temperature processes. Laboratory and industrial tests were conducted and the following results obtained: The best ceramic heat carriers should be made of finely-ground material, baked and sintered. For medium temperatures such materials would include: chamotte (based on refractory clay and chamotte), mullite and kaolin with baking temperatures of 1400°C, 1450°C, and 1240°C respectively, and the "Uralit" ceramic material; for high temperatures -

Card 1/2

Ceramic materials as heat carriers...

S/184/62/000/001/004/008
DO:1/D113

corundum (based on pure aluminum oxide), mullite-corundum (based on aluminum and silicon oxides), and carborundum-aluminum-oxide (30-40% carborundum, 40-50% high-aluminum-oxide, 10-14% Chasov-Yar clay) with baking temperatures of 1700°C, 1620-1650°C, and 1400°C, respectively. Mullite compositions (softening temperature - 1600-1700°C) have a high mechanical stability and are relatively cheap. The use of mullite or corundum heat carriers with an addition of zirconium dioxide and oxides of other alkali rare earth elements is also recommended. Good results were obtained with granules of Al₂O₃ with an addition of 5-30% ZnO. There are 2 figures, 3 tables, and 11 references: 5 Soviet-bloc and 6 non-Soviet-bloc. The four English-language references are: C.L. Horton, "I.Amer.Cer.Soc.", v.29, no.7, 1948; M. Kilpatrick, "Petrol Process", no. 6, 1954; H. Sherwood, "Petrol Process", no. 12, 1952; F.P. Hepp, "Ind.Eng.Chem.", v.4, 1949, pp 25-31.

Card 2/2

SHRESHEVSKIY, L.

River transportation in China. Rech.transp. 15 no.7:29-32 J1
'56. (MIRA 9:9)
(China--Inland water transportation)

SHERESHEVSKIY, I.

The role of transportation in Chinese foreign trade [with summary
in English. p.31]. Vnesh.torg.26 no.12:9-14 D '56. (MLRA 10:2)
(China--Commerce) (China--Transportation)

SHERESHEVSKIY, L.E.; POPOV, A.S., red.; RUDCHENKO, A.M., red. izd-va,;
PAVLOVSKIY, A.A., tekhn. red.

[Transportation and forwarding operations in foreign commerce]
Transportno-ekspeditorskie operatsii vo vneshnei torgovii. Moskva,
Vneshtorgizdat, 1958. 220 p. (MIRA 11:11)
(Commerce)
(Freight and freightage)

SHERESHEVSKIY, L.

Improve the organization of the transportation of goods in
foreign trade. Vnesh.torg. 30 no.3:48-51 '60.
(MIRA 13:3)

(Shipment of goods)

...KROV, V.M. inch.; SHEKHSHEV...ILY, L.E.

Railroads of Iran. Zhel.doz.transp. 43 no.4:89-93 Ap '61.
(MIRA 14:3)

(Iran--Railroads)

GUBERMAN, Roman L'vovich, kand. ekon. nauk; MARKELOV, Petr Alekseyevich;
FEL'DBAUM, Samson Solomonovich; SHERESHEVSKIY, Leonid
Emmanuilovich; KEYLIN, A.D., prof., red.; LEVCHUK, K.V., red.
izd-va; TSAGURIYA, G.M., tekhn. red.

[Transportation organization of export and import freight in
the U.S.S.R.] Organizatsiia perevozok eksportnykh i import-
nykh грузов SSSR. [By] R.L.Guberman i dr. Moskva, Vneshtorg-
izdat, 1962. 250 p. (MIRA 16:5)

(Freight and freightage)

S/115/60/000/011/001/013
B019/B058

AUTHORS: Shereshevskiy, L. M. and Barskiy, A. M.

TITLE: Using Plywood Panels for Manufacturing Large Measuring Instruments

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 11, pp. 10 - 12

TEXT: A number of measuring instruments, suitable for precise measurements in the range of from 500 to 3000 mm were produced at the Eksperimental'nyy nauchno-issledovatel'skiy institut (ENIKMaSh) (Experimental Scientific Research Institute) for a factory in Voronezh. Low weight and low thermal diffusivity were the most important requirements for the instruments. Plywood panels seemed to be suitable. It was planned to manufacture micrometers for 500 to 1200 mm, angles with 2000 mm, indicator checking devices of from 1000 to 4000 mm, instruments for measuring wheel bases up to 3000 mm, etc. A micrometer for the measuring range of from 800 to 900 mm with a weight of 3.9 kg was thoroughly tested to check the production quality. The nominal error of the instrument, calculated on the basis of GOST data, was ± 24 microns, the experimentally

Card 1/2

Using Plywood Panels for Manufacturing Large Measuring Instruments S/115/60/000/011/001/013
B019/B058

determined error ± 7.5 microns. Further investigations showed that the instruments described here are suitable for measuring parts of quality class two, a strict observance of temperature conditions not being required. Special provision must be made for measurements on parts of quality class one, excluding a deformation of the micrometer yoke. A checkup proved the suitability of the designs described here. There are 2 figures, 2 tables, and 1 Soviet reference; ✓

Card 2/2

BARSKIY, A.M.; SHERESHEVSKIY, L.M.

Industrial means for measuring large dimensions. Izv.tekh.
no.9:7-8 S '61. (MIRA 14:8)
(Gauges)

3/182/62/000/007/006/007
D040/D113

AUTHOR: Vasil'yev, N.N., and Shereshevskiy, L.M.

TITLE: The FEU-60 noncontact device for measuring the blow energy of hammers

ABSTRACT: Kuznashno-shtamovochnoye proizvodstvo, no. 7, 1962, 43-45

NOTE: Detailed design and operation description is given of the ФЭУ-60 (FEU-60) photoelectronic meter developed in 1960 by ENIKMASH for measuring the speed of the dropping parts of forging hammers. The meter, which can be used in both shop and laboratory research, can measure speeds of 5-10 m/sec, but can also be changed to measure speeds of a fraction of a m/sec, or extended to measure speeds of 100 m/sec by using differently graduated dial scales. The measurement accuracy is +2.5%. The major components are: a photo-pickup with two ФЭУ-2 (FEU-2) photoamplifiers and a light tube; a microfeed unit; a tripod enabling heights and angles to be adjusted; an electronic reading unit. The optical system has 2 pairs of metal mirrors, the first pair splits light from the tube into 2 beams, and the second

Card 1/2

VASIL'YEV, N.N.; SHERESHEVSKIY, L.M.

Contactless device FEIS-60 for measuring the energy of the
hammer stroke. Kuz.-shtam. proizvod. 4 no.7:43-45 J1 '62. (MIRA 15:7)
(Photoelectric measurements)
(Forging machinery)

LYUBIMOV, N.N., doktor ekon. nauk, prof.; FOKIN, D.F., kand.
ekon. nauk; SHERESHEVSKIY, M.G., doktor ekon.nauk, prof.;
FISKOPPEL, F.G., doktor ekon. nauk, prof.; DYUMULEN, I.I.,
kand. ekon. nauk; LOPATIN, G.S., doktor ekon. nauk, prof.;
MOGILEVCHIK, A.Ye., red.

[Foreign trade of the U.S.S.R., 1946-1963] Vneshniaia tor-
govlia SSSR (1946-1963 gg.). Pod red. D.F.Fokina. Moskva,
IMO, 1964. 189 p. (MIRA 17:6)

1. Moscow. Institut mezhdunarodnykh otnosheniy. 2. Kafedra
mezhdunarodnykh ekonomicheskikh otnosheniy Moskovskogo go-
sudarstvennogo instituta mezhdunarodnykh otnosheniy (for all
except Mogilevchik).

SHERESHEVSKIY, N.A.

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SEE ILC

MEDICINE

SHERESHEVSKIY, Nikola Adol'fovich; KRAKOV, V.A., red.; LYUDKOVSKAYA, N.I.,
tekh. red.

[Thyrototoxicoses] Tireotoksikozy. Moskva, Medgiz, 1962. 114 p.
(MIRA 15:4)
(HYPERTHYROIDISM)

SHERESHEVSKIY, N. I.

"Study of Operation of Self-Loading Mechanisms for
Cone Ingots." Min Higher Education USSR, L'vov Polytechnical Inst,
L'vov, 1955. (Dissertation for the Degree of Candidate in Technical
Sciences)

SO: M-955, 16 Feb 56

RABINOVICH, A.N., doktor tekhn. nauk, inzh. N.I., kand. tekhn.
nauk; VASILENKO, I.N., inzh.

Transfer machines and lines. Mashinostroenie no.5:8-12 S-0 '63.
(MIRA 16:12)

1. L'vovskiy politekhnicheskii institut.

SHERESHEVSKIY, S.I.

Cooperation of auxiliary production units. Biul.tekh.-ekon.inform.
no.6:74 '60. (MIRA 13:8)
(Moscow Province--Industrial management)

SHERESHEVSKIY, S.I.

Rotor-type production lines in plants of the Moscow Province Economic
Council. *Biul.tekh.-ekon.inform.* no.6:76 '60. (MIRA 13:8)
(Moscow Province--Technological innovation)

SHERESHEVSKIY, S.I.

Centralized manufacture of standardized cutting tools and end mills.
Biul.tekh.-ekon.inform. no.9:78 '60. (MIRA 13:10)
(Metal-cutting tools)

SHERESHEVSKIY, S.V.

Can thoughts be read? Nauka i zhizn' 23 no.6:44-45 Ja '56.
(MLRA 9:9)

(Thought--Transference)

SHERESHEVSKIY, Ya., inzh.

Isothermal hardening of cylindrical sleeves for marine engines.
Rech. transp. 20 no.9:29-30 S '61. (MIRA 14:9)
(Marine engines) (Surface hardening)

PETROV, B., inzh.; SHERESHEVSKIY, Ya., inzh.

Quality control of bearing linings. Rech. transp. 20 no.11:
20-21 N '61. (MIRA 15:1)

(Ships—Maintenance and repair)
(Ultrasonic testing)

SHERESHEVSKIY, Ya., inzh.; KOSHELEV, A., inzh.

Methods of avoiding defects in cast iron engine pistons.
Rech. transp. 21 no.12:29-30 D '62. (MIRA 15:12)
(Iron founding--Defects)
(Pistons--Defects)

BOGATYREV, M.F., gvardii pidpolkovnik meditsinskoy sluzhby; SHERESHEVSKIY,
V.Kh., mayor meditsinskoy sluzhby

Treatment of burns. Voен.-med. zhur. no.3:75-78 Mr '56. (MLRA 9:9)
(BURNS AND SCALDS)

BOGATYREV, M.F., SHERESHVSKIY, V.Kh.

Problems in the treatment of burns and burn disease [with summary in English]. Vest. khir. 80 no.6:60-63 Je '58 (MIRA 11:7)

1. Iz khirurgicheskogo otdeleniya N-skoy voinskoy chasti (nach. - A.N. Sirotkin) i N-skogo voyennogo gosпитalya (nach. - P.I. Maurenko) (BURNS, ther. technics (Rus))

SHERSHNEVSKIY, V.Ya.; KHODOROVSKIY, K.V.

Better analysis of raw material utilization. Tekst.prom. 18
no.10:5-8 O.'58. (MIRA 11:11)
(Textile industry--Accounting)

SHERESHEVSKIY, Ya.

Repairing ships by replacing units. Rech. transp. 20 no. 2:22-
25 F '61. (MIRA 14:2)

1. Glavnyy inzhener zavoda imeni Lenina.
(Ships--Maintenance and repair)

S/123/62/000/008/014/016
A004/A101

AUTHOR: Shereshevskiy, Ya.

TITLE: Isothermal quenching of cylinder liners of marine engines

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 8, 1962, 27, abstract
8B163 ("Rechn. transport", 1961, no. 9, 29-30)

TEXT: The author reports on the successful application of isothermal quenching of cylinder liners of marine engines to increase their resistance to wear. The liners, heated to 920°C, were quenched in hot oil of 230°C and held for 600 min. After the isothermal quenching the liners possessed a hardness of HB 302 - 363. Wear tests carried out at a pressure of 47.5 kg/cm² and a sliding speed of 1.12 m/sec revealed an increased wear resistance of the liners subjected to isothermal quenching.

[Abstracter's note: Complete translation]

Card 1/1

REYKHRUDEL', E.M.; SMIRNITSKAYA, G.V.; SHERETOV, E.P.

High-frequency radiation of a discharge in an ion pump with cold cathode. Radiotekh. i elektron. 7 no.10:1809-1815 0 '62.

(MIRA 15:10)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova i Ryazanskiy radiotekhnicheskiy institut.
(Electronics)

ACCESSION NR: AP4038625

S/0109/64/009/004/0728/0734

AUTHOR: Reykhrudel', E. M.; Sheretov, E. P.

TITLE: Ignition of a discharge in high vacuum in a cylindrical magnetron with a cold cathode

SOURCE: Radiotekhnika i elektronika, v. 9, no. 4, 1964, 728-734

TOPIC TAGS: arc discharge ignition, cascade theory, Townsend discharge, magnetron, cold cathode magnetron, self maintaining discharge

ABSTRACT: An attempt is made to apply cascade theory to the determination of the conditions under which a self-maintaining discharge is ignited in a cylindrical magnetron whose internal cylinder serves as a cold cathode, under high vacuum conditions (10^{-5} - 10^{-9} mm Hg), where a discharge ignites as a result of electron oscillation in the crossed electric and magnetic fields. The Townsend criteria for discharge ignition are used to determine the theoretical anode-potential dependence of the magnetic field intensity at which the self-maintaining discharge occurs. A quadratic distribution of the potential along the radius is assumed. A general solution of the problem is obtained also for the case of an arbitrary distribution

Card 1/2

ACCESSION NR: AP4038625

of the potential along the radius in the discharge gap. The theoretical curves agree well with experiment. Orig. art. has: 5 figures and 5 formulas.

ASSOCIATION: None

SUBMITTED: 22Jan63

ENCL: 00

SUB CODE: EC, EM

NR REF SOV: 004

OTHER: 005

Cord 2/2

L 60338-65 EWT(1)/EPA(w)-2/EEC(b)-2/EWA(m)-2/EWA(h) Pm-4/Pn-4/Pz-6/Pac-4/Pab/

Pi-4/Pj-4 IJP(c) AT/JM

ACCESSION NR: AP5018305

UR/0057/65/035/007/1255/1261
537.521

AUTHOR: Reykhudel', E. M.; Sheretov, E. P.

66
65
B

TITLE: On the high vacuum discharge ignition mechanism in crossed electric and magnetic fields

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 7, 1965, 1255-1261

TOPIC TAGS: magnetron, self sustained discharge, electron trajectory, electron scattering, avalanche

ABSTRACT: The authors have calculated ignition curves (magnetic field vs. anode potential) for a self-sustained discharge in a plane cold-cathode magnetron, using differential electron elastic scattering and ionization cross sections. It was assumed that an electron executes many cycloidal oscillations between collisions with the residual gas atoms and that these collisions occur at the average distance of the electron from the electrodes. The theoretical elastic scattering cross section was employed in the calculations, and a simple approximate expression was used for the differential ionization cross section, according to which the fraction of the energy transferred to the secondary electron is the

Card 1/2

L 60223-65

ACCESSION NR: AP5018305

square of the sine of the scattering angle. From this form of the ionization cross section it follows that the average energy of the electron is not changed by ionizing collisions as it drifts parallel to the anode, and that the avalanche that develops rotates about the cathode as a whole. This gives rise to space charge oscillations such as have been previously observed by the authors and G.V.Smirnitskaya ((Radiotekhnika i elektronika, 7, 1809, 1962). The calculated ignition curves were compared with experimental curves obtained with a cylindrical magnetron. When the theoretical curve is normalized to the experimental data it represents them very well. The effect of outgassing the electrodes at 1600 °C was investigated. Outgassing the anode had a much greater influence on the ignition curve than outgassing the cathode. It is suggested that this may be due to the fact that most of the avalanches leading to self-sustained discharge are initiated by ions from the anode rather than by electrons from the cathode. Orig. art. has: 36 formulas and 4 figures.

ASSOCIATION: Fizicheskiy fakul'tet MGU (Physics Department, MGU)

SUBMITTED: 27Jun64

ENCL: 00

SUB CODE: EM, EC

NR REF SOV: 006

OTHER: 004

Card 2/2 *amp*

L 27662-66 EWT(1) IJP(c) AT

ACC NR: AP6008291

SOURCE CODE: UR/0109/66/011/003/0532/0535

AUTHOR: Reykhruel', E. M.; Sheretov, E. P.

57
B

ORG: Moscow State University (Moskovskiy gosudarstvennyy universitet)

TITLE: Current of a self-maintaining discharge at high vacuum in crossed electric and magnetic fields

SOURCE: Radiotekhnika i elektronika, v. 11, no. 3, 1966, 532-535

TOPIC TAGS: electric discharge, magnetron

ABSTRACT: The self-maintaining discharge in crossed electric and magnetic fields was theoretically studied by R. L. Jepsen (J. Appl. Phys., 1961, v. 32, no. 12) with an assumption that the negative space charge is distributed uniformly in the gap. The estimated current density exceeded experimental values by several times. The present article evaluates the discharge current with an allowance for a nonuniformly distributed space charge built up by the electron avalanches in the gap. A formula is developed for calculating the current density in amp/cm².torr. This formula exhibited good agreement with experimental results obtained from a cylindrical magnetron (7 mm between the cylinders; cathode-radius-to-anode-radius ratio, 0.7). "In conclusion, the authors wish to thank Graduate Student E. Isakayev for his part in the experimental work." Orig. art. has: 2 figures and 25 formulas.

SUB CODE: 09 / SUBM DATE: 27Jul64 / ORIG REF: 001 / OTH REF: 002

Card 1/1 CC

UDC: 538.311.001.24

22(3)

SOV/176-58-7-2/17

AUTHOR: Sherevera, A., Colonel

TITLE: The Organization and Conduct of Control Exercising and Training (Organizatsiya i provedeniye kontrol'nykh zanyatiy i ucheniy).

PERIODICAL: Voenno-inzhenernyy zhurnal, 1958, Nr 7, pp 8-11 (USSR)

ABSTRACT: The author describes various problems affecting control exercises and training. The object of these exercises is to check the degree of readiness of a unit to carry out an operational plan, the degree of cooperation between lower units (sections, platoons and companies) and between the individual members of the units. Examples of operations are given, such as laying anti-tank mine fields, breaking passages thru minefields, excavating trenches or dugouts by explosives or dozers, setting up power stations for control points, etc. These control exercises can be carried out by

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SOV/176-58-7-2/17

The Organization and Conduct of Control Exercising and Training

big units such as battalions, if they are uniform units, i.e. of one speciality only. The time necessary for the control exercise is about 1/3 of the time spent in training. The control is carried out by the commander of the parent organization of the unit being checked, so that for instance a platoon is checked by a company commander and a company by a battalion commander. In some cases, engineering units of different specialities can be combined for a control exercise in cooperation such as an excavating-machine unit combined with an electric-power unit, etc. Conditions should be varied, the same exercises should be carried out at night and in day, under enemy fire, or on ground contaminated by radioactivity. The commander of the higher unit sets out the plan of a control exercise, its time, the area, conditions and technical equipment to be used. He not only checks the work of

Card 2/3

SOV/176-58-7-2/17

The Organization and Conduct of Control Exercising and Training

the unit, but corrects it in the course of the exercise. In all cases attention should be paid to the degree of training of the individual members of the teams.

Card 3/3

SHEPHERD, A., gvardii polkovnik.

Guaranteeing equipment for the combat training of engineers and for
the engineering training of all types of troops. Voen.-inzh. zhur.
102 no.3:17-21 Mr '58. (MIRA 11:4)

(Military engineering)

RELEVANT, N. I.

SHEPILAYA, N. I.: "The interconnection between mineral nutrition of plants through the leaves and the roots (using spring wheat as an example)" Min Higher Education Ukrainian SSK. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1956. (Dissertation for the Degree of Candidate in Biological Sciences).

Source: Enizhnaya letopis' No. 28 1956 Moscow

СРЕДНЕВЕКОВЫЕ РАСТЕНИЯ

USSR/Cultivated Plants - Technical, Old Cultures, Inheritance etc. 147

Abstr Jour : Журнал - Биол. науки, 1958, 3, 156

Author : Shirovaya, N.I.

Inst : -

Title : Is it Necessary to Apply Top Dressing ?

Orig Publ : Selskaya svodka, 1957, N 5, 26-22.

Abstract : No abstract.

Card 1/1

SHEREVERYA, N.I.

Tagged atom method in the study of foliar feeding of plants.
Fiziol. rast. 6 no.5:544-549 S-0 '59. (MIRA 13:2)

I.V.V. Dokuchayev Agricultural Institute, Kharkov.
(Plants--Assimilation) (Phosphorus--Isotopes)

RABINOVICH, A.N., doktor tekhn. nauk; SHERESHEVSKIY, N.I., kand. tekhn.
nauk; SLONEVSKIY, R.V., inzh.

Automatic transfer feed mechanisms. Mekh. i avtom. proizvod.
18 no.7:24-30 J1 '64. (MIRA 17:9)

SHERAZA, V.Sh.

Automatic regulation of feeding clinker into the mill. Tsement 20
no.2:18-20 Mr-Ap "49. (MIRA 7:5)
(Cement)

FILATOVA, M.A.; SHERGILOV, N.V.

Demulsification of crude oils at the Guryev Petroleum
Refinery. Khim. i tekhn. topl.i masel 6 no.7:21-25 J1 '61.
(MIRA 14:6)

1. Gur'yevskiy neftepererabatyvayushchiy zavod.
(Guryev (Guryev Province)--Petroleum--Refining)

SHERGILOV, N.V.; MARDANENKO, V.P.; FILATOVA, M.A.; BEN'KOVSKIY, V.G.

Overalkalinity of kerosine-gas oil distillates. Khim. i tekhn.
topl. i masel 7 no.10:36-41 O*62 (MIRA 17:17)

SHERGELN, A. S.

"Maturing of Packed Cheese." (Dissertation for Degree of Candidate for Technical Science)
in Higher Education USSR, Latvian Agricultural Academy, (Riga), 1955

SO: K-1036 26 Mar 56

SOV/98-59-8-2/33

14(10,11), 18(5)

AUTHORS: Naymushin, I., Head, Gindin, A., Chief Engineer, Shergin, E., Secretary of the Party Committee, Georgiyevskiy, S., Secretary

TITLE: Open Letter From the Workers on the Bratsk Construction Project

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 8, pp 3-4 (USSR)

ABSTRACT: As mentioned in the opening article, this is an open letter sent to all construction sites, industrial undertakings, technical institutes, and to the workers on the Krasnoyarsk GES project in particular. Based on the resolutions of the June Plenum of the Central Committee of the Soviet Communist Party, and born of a desire to hasten the fulfillment of the plan, the letter calls for help to be extended by more experienced teams to those in a less fortunate position. In particular, it calls for aid from the workers of the town of Angarsk, the Glavmosstroy and the Glavmospromstroymaterialov of the Mosgorispolkom (Moscow City Executive Committee) in this field of housing construction on the Bratsk site, admitting its inexperience in this sphere; from the Krivoy Rog ore-mining team in the construction of the Korshunov

Card 1/2

SOV/98-59-8-2/33

Open Letter From the Workers on the Bratsk Construction Project

iron-ore combine (output 12 million tons a year); from timber combines, in order to help with the construction of the largest wood-processing enterprise in the USSR (output 4 million cubic meters a year); and from the Academy of Construction and Architecture of the Ukrainian SSR in the field of the removal of earth and rock by means of explosives. In return, the Bratsk workers on the Padun Falls offer their help and experience to all who need it, especially to the workers on the Krasnoyarsk site on the Yenisey, who lag behind the former somewhat in the fulfillment of their part of the plan to provide a network of power stations in Siberia.

ASSOCIATION: Bratskgesstroy (Bratsk Construction Project) (Naymushin): Bratskiy gorkom KPSS (Bratsk Town Committee, CPSU (Georgiyevskiy)

Card 2/2

SHERGIN, N.A.

AID P - 699

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 10/18
Authors : Shergin, N. A., Eng. and Katsov, E. N., Eng.
Title : Electric diagram accelerating metal working operations
Periodical : Energetik, 8, 20-21, Ag 1954
Abstract : The author briefly describes his arrangement which he added to the existing electric circuit of a planer. One diagram.
Institution : None
Submitted : No date

8(1,3)

SOV/91-52-7-11/81

AUTHOR:

Shergin, N.A. Technician

TITLE:

Wye-Delta Starting of an Electric Motor by Means of Contactors

PERIODICAL:

Energetik, 1959, Nr 7, p 19

(USSR)

ABSTRACT:

For simplifying the wye-delta starting of electric motors, the author suggests a control circuit performing the starting in one operation only - pressing the starting button. By pressing the starting button, the wye-connection is switched on simultaneously with a time relay. The time relay connects the intermediate relay, which disconnects the wye-contactor and switches on the delta-contactor. A blocking system prevents that the delta-contacts are connected prior to switching-off the wye-contacts. The author states that such a control system was built for a 260 kw motor, functioning one year without failures. There is 1 diagram

Card 1/1

21201
S/111/61/000/004/001/001
B107/B202

9.1910 (also 2603)

AUTHORS: Belousov, S. P., Candidate of Technical Sciences, Senior Scientific Worker (see Association), Shergin, N. N., Senior Engineer

TITLE: Mutual influence of rhombic aerials located at a common point

PERIODICAL: Vestnik svyazi, no. 4, 1961, 6-8

TEXT: Already M. S. Gartsenshteyn and A. S. Golubchik have studied the mutual influence in an aerial assembly consisting of two separate rhombic aerials of the type $\rho\rho\frac{65}{4}1.0$ ($RG\frac{65}{4}1.0$), and in an aerial assembly consisting of two double rhombic aerials of the type $\rho\rho\Delta\frac{65}{4}1.0$ ($RGD\frac{65}{4}1.0$) ("Rhombic aerials, located at a common point", Vestnik svyazi, no. 4, 1949). These measurements have been made, however, only in a narrow range of wavelengths and with a small distance between aerial and receiver (19 m) as compared with the largest dimension of the rhombic

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21204

Mutual influence of rhombic ...

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aerial (10.5 m). These measurements were repeated to work out definite recommendations for the use of rhombic aerials on common poles. Besides, the mutual influence of aerial assemblies of the type $P\Gamma \frac{70}{6} 1.25$ ($RG \frac{70}{6} 1.25$) with $RG \frac{65}{4} 1.0$ and of the type $P\Gamma A \frac{70}{6} 1.25$ ($RGD \frac{70}{6} 1.25$) with $RGD \frac{65}{4} 1.0$ was studied. The measurements were made with decimeter models with a model factor of 50. The receiver was fastened to a vertical pole at a distance of 90 m; the mutual influence of the rhombic aerials with different angles of suspension ψ (5° , 10° , 15°) could be determined. The measurement results are given in ξ_H / ξ_0 . ξ_0 is the value of the amplification factor in the case of independent suspension, ξ_H for central suspension with a passive aerial. The following aerial assemblies were studied: 1) aerial $RG \frac{65}{4} 1.0$ (optimum wave λ_{01}) with aerial $RG \frac{65}{4} 1.0$ (optimum wave $\lambda_{02} = 2\lambda_{01}$) (Fig. 1); 2) aerial $RG \frac{70}{6} 1.25$ (optimum wave

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Mutual influence of rhombic ...

λ_{01}) with aerial $RG\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2.2 \lambda_{01}$)(Fig. 2); 3) aerial $RGD\frac{65}{4}1.0$ (optimum wave λ_{01}) with aerial $RGD\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2 \lambda_{01}$)(Fig. 3); 4) aerial $RGD\frac{70}{6}1.25$ (optimum wave λ_{01}) with aerial $RGD\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2.2 \lambda_{01}$) (Fig. 4); 5) aerial $RG\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2 \lambda_{01}$) with aerial $RG\frac{65}{4}1.0$ (optimum wave λ_{01})(Fig. 5); 6) aerial $RG\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2.2 \lambda_{01}$) with aerial $RG\frac{70}{6}1.25$ (optimum wave λ_{01}) (Fig. 6); 7) aerial $RGD\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2 \lambda_{01}$) with aerial $RGD\frac{65}{4}1.0$ (optimum wave λ_{01}) (Fig. 7); 8) aerial $RGD\frac{65}{4}1.0$ (optimum wave $\lambda_{02} = 2.2 \lambda_{01}$) with aerial $RGD\frac{70}{6}1.25$ (optimum wave λ_{01}) (Fig. 8). With an optimum wave λ_{01} , reception is considerably weaker,

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Mutual influence of rhombic ...

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especially for angles of suspension corresponding to a low radiation of the aerial (Figs. 1-4). For angles of suspension which lie in the sector of the major lobe, impairment between $\lambda/\lambda_c = 0.7-1.6$ is insignificant. Hence, the directional characteristic of two centrally suspended rhombic aeri-als is somewhat distorted. When working on the optimum wave λ_{02} reception is not essentially impaired (Figs. 5-8). On the basis of the experimental results obtained, the authors conclude that in special cases the central suspension of two rhombic aeri-als is possible, one of which is intended for day-time operation the other for night-time operation. There are 8 figures and 1 Soviet-bloc reference.

ASSOCIATION: NII Ministerstva svyazi SSSR (Scientific Research Institute of the Ministry for Communications USSR)

Card 4/6

SHERGIN, M. I.

Physicochemical indexes of sperm. A. Bernshlein and N. Shergin. *Vsesoyuz. Inst. Zivotn. (U. S. S. R.), Uspékh Zootekh. Nauk* 2, No. 1, 5-18 (in English 17-18) (1965); *Expt. Sta. Record* 77, No. 3, 321 (1957). Physicochem. studies dealing especially with the elec. cond. are reported on the semen of the ram, bull, stallion, buck, boar, man and drake. M. W. B.

AS 34 3.5.4 METALLURGICAL LITERATURE CLASSIFICATION

100 AND 100 ORDERS

PROCESSED AND PROPERTIES INDEX

66

Respiration of sperm and its effect on the vitality of spermatozoon. N. P. Shergin. *Problems Animal Husbandry (U. S. S. R.)* 7, No. 11, 150-4 (1938). - The respiration process is well developed in sperm. Owing to the density of the sperm O penetrates the upper layer only. Owing to the development of glycolysis in the lower layers, acidity increases rapidly. The consumption of glucose in the sperm with a max. of aeration and in the sperm with a min. of diffusion of O after 24 hrs. at 20° was 225 and 250 mg. C₆ and the formation of lactic acid 86 and 121 mg. C₆ resp. In the lower layers rapid destruction of spermatozoon occurs. Four tables. W. R. Henn

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

100 AND 100 ORDERS

SHERGIN, N.P., professor.

Role of fructose in artificial insemination. Dokl.Akad.sel'khoz.
21 no.10:35-39 '56. (MLRA 9:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.
Predstavleno akademikom V.K. Milovanovym.
(Fructose) (Artificial insemination)

MAGIDOV, G.A., kandidat sel'skokhozyaystvennykh nauk [translator];
TOMME, M.F., doktor sel'skokhozyaystvennykh nauk, professor, redaktor;
~~SHERGIN, N.P.~~, doktor biologicheskikh nauk, professor, redaktor;
NOVIKOV, Ye.A., kandidat sel'skokhozyaystvennykh nauk, redaktor;
SOKOLOV, A.V., redaktor; SMIRNOVA, N.I., tekhnicheskiiy redaktor

[Physiological significance of the vitamin B group. Animal nutrition and fertility. Present-day opinions on livestock breeding methods. Translated from the English, German and French] Fiziologicheskoe znachenie vitaminov gruppy B. Pitaniye zhivotnykh i plodovitost'. Sovremennyye vzgliady na metody razvedeniya sel'skokhoziaistvennykh zhivotnykh. Perovod s angliiskogo, nemetskogo i frantsuzskogo G.A. Magidova. Pod red. i s predisl. M.F.Tomme, N.P.Shergina, Ye.A.Novikova. Moskva, Izd-vo inostr. lit-ry, 1957. 289 p. (MLRA 10:10)

1. International congress of animal husbandry. 6th, Copenhagen, 1952.

(Vitamins-- B) (Stock and stockbreeding)

COUNTRY : Farm Animals.
CATEGORY : General Problems.
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25771
AUTHOR : Shergin, N. P.
INST. : All-Union Scientific Research Institute of*
TITLE : The Effect of Cobalt upon Vitamin B₁₂ Metabo-
lism in Pigs and Rams.
ORIG. PUB. : Tr. Vses. n.-i. in-ta zhivotnovodstva, 1957,
21, 229-239
ABSTRACT : The experiments were carried out on pigs and
rams. Pertaining to pigs, the experiment's
aim is to clarify the effect of vitamin B₁₂
upon the animals if it is given with food and
the possibility of replacing vitamin B₁₂ by
Co. Three families of piglets were selected,
consisting of 8 heads in each family, being
1 month old, identical in terms of weight,
sex and blood composition. The 1st group re-
ceived 3.7 mg of CoCl₂ daily, the 2nd group
received 20 gamma crystalline vitamin B₁₂ per
Card: 1/5
*Animal Husbandry.

COUNTRY : USSR
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : duction, the results were almost the same as when the vitamin was used; it was somewhat inferior, however, with regard to blood formation. Since Co is cheaper than vitamin B₁₂ as a food supplement, the introduction of Co into the composition of feeds is recommended for localities where its content is low in soils. The experiment's task pertaining to rams was: to find a criterion which would assure the provision of the animal organism with Co and vitamin B₁₂ and to ascertain

Card: 3/5

OZHIN, F.V.; RODIN, I.I.; PARSHUTIN, G.V., doktor biolog.nauk, red.;
SKATKIN, P.N.; SHERGIN, N.P.; YARNYKH, A.M., red.; MAKHOVA,
N.N., tekhn.red.; ZUBRILINA, Z.P., tekhn.red.

[Artificial insemination of farm animals; a manual for zoo-
technicians and veterinary workers] Iskusstvennoe osemenenie
sel'skokhoziaistvennykh zhiivotnykh; rukovodstvo dlia zootekh-
nikov i veterinarnykh rabotnikov. Izd.2., perer. i dop. Pod
red. G.V.Parshutina. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959.
428 p. (MIRA 13:5)

(Artificial insemination)

OZHIN, F.V.; RODIN, I.I.; RUMYANTSEV, N.V.; SKATKIN, P.N.; SHERGIN, I.P.;
TRUBKIN, G.D., red.; SHEVTSOVA, A.A., red.; YARNYKH, A.M., red.;
PROKOF'YEVA, L.N., tekhn. red.

[Artificial insemination of farm animals; manual for zootechnicians
and veterinary workers] Iskusstvennoe osemenenie sel'skokhoziaistven-
nykh zhivotnykh; rukovodstvo dlia zootekhnikov i veterinarnykh rabot-
nikov. Izd.3., perer. i dop. By F.V.Ozhin i dr. Moskva, Izd-vo
sel'khoz.lit-ry, zhurnalov i plakatov, 1961. 447 p. (MIRA 14:12)
(Artificial insemination)

SHERGIN, N.P.

Concentration of the trace elements cobalt and copper in soils and
forage grasses of the Polesye Lowland (White Russia). Trudy Biogeokhim.
lab. no. 11:70-74 '60. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.
(POLESYE--MINERALS IN SOIL)
(POLESYE--PLANTS--CHEMICAL COMPOSITION)
(TRACE ELEMENTS)

SHERGIN, S.N., inzh.

Structural analysis of mechanisms. Trudy MIMESKH 12:336-342
'60. (MIRA 13:9)

(Mechanical movements)

BELOZENOV, V.G., (Kursk, ul. Engel'sa d.136, kv.27); SKVORTSOV B.A. (Leningrad, ul. Puza pechatnikov, d.7.kv.26); PARKHOMCHUK, Ya. (Leningrad, ul. Puza pechatnikov, d.7.kv.26); TRAUBE, Ye.S. (Donetsk, 5, ul. Shchorsa, d.12, kv.8); DROZDOV, A.D. (Novocherkassk, ul. B.Khmel'nitskogo d.151, kv.26); VAYNBERG, A.M. (Moskva, V-180, Malaya Yakimanka, d.22, kv.19); FILATOV, M.A. (Kemerovo, ul. Dzerzhinskogo d.27, kv.11); GANZBURG, L.B. (Leningrad P-3, Krasnosel'skaya, d.12, kv.2); BUDANOV, V.D. (Moskva, A-287, Chuksin tupik, d.4, kv.17); LYSENKO, N.G. (Kiyev, ul. Sulimovskaya, d.5.kv.71); SHERGIN, Ye.N. (Cherkassy, ul Uritskogo, d.37, kv.6); TRUSHCHEV, Ye.A.; SUVOROV, Yu.I. (Riga, ul. Suvorova, d.20, kv.11); ARTAMONOV, I.G. (Riga, ul. Suvrova, d.20, kv.11); OKHAPKIN, V.V. (Yaroslavl', Tutayevskoye shosse, d.32); OL'KHOVSKIY, I.L. (Khar'kov, pr. Moskovskiy, d.199)

Discoveries and inventions. Prom.energ. 19 no.7:55-56 J1 '64.
(MIRA 18:1)

1. Bereznikovskiy sodovyy zavod, byuro po ratsionalizatsii i izobretatel'stvu, Permskaya obl., g. Berezniki (for Trushchev).
2. Yaroslavl', Tutayevskoye shosse, d.32, YaZMOGK (for Okhapkin).
3. Khar'kov, pr.Moskovskiy, d.199, Khar'kovskiy elektromekhanicheskiy zavod, byuro po ratsionalizatsii i izobretatel'stvu (for Ol'khovskiy).

Country : USSR
Category : Diseases of Farm Animals. R
 : Diseases Caused by Bacteria and Fungi.
Abs. Jour. : Ref Zhur-Biol., No 21, 1956, 97001
Author : Yegoshin, I. S.; Shergin, Yu. K.
Institut. : Kirgizian Scientific Research Institute of*
Title : The Pathomorphology of Tuberculosis in Pearl-
 Hens.
Orig Pub. : Byul. nauchno-tekhn. inform. Kirg. n.-i. in-t
 zhivotnovodstva i veterinarii, 1958, No 1 (3),
 59
Abstract : No abstract.

Card: 1/1 *Animal Husbandry and Veterinary Sciences.

... ..
... ..
... .. (MIRA 18:10)
... .. -isledovae
... ..

YEGOSHIN, I.S., kand. veter. nauk; SHERGIN, Yu.K., kand. veter. nauk

Eradication of infectious strophic rhinitis of swine on farms. Veterinariia 40 no.6:38-40 Je '63. (MIRA 17:1)

1. Kirgizskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.

VOL'FSON, I.S.; TELESHOVA, M.N. Primalni uchastiye: SHEYKH-ALI, G.A.;
KAMALOVA, R.K.; SHERGINA, E.G.; SHASHINA, A.D.

New oil field in the Tatar A.S.S.R. Khim. i tekhn. topl. i
masel 9 no.5:29-31 5 My'64 (MIRA 17:7)

1. Tatarskiy neftyanoy nauchno-issledovatel'skiy institut.

KIRILENKO, Fedor Grigor'yevich; SHERGINA, G., red.

[Efficiency promoters on the Krasnogorsk State Farm]
Ratsionalizatory Krasnogorskogo sovkhoza. Barnaul, Al-
taiskoe knizhnoe izd-vo, 1963. 47 p. (MIRA 17:4)

1. Direktor Krasnogorskogo sovkhoza na Altaye (for Kirilenko).

RUSALOV, Roza Dmitriyevna; SHERGIIA, G., red.

[Weed control in row crop cultivation] Bor'ba s surniakami
v propashnoi sisteme zemledel'ia. Barnaul, Altaiskoe
knizhnoe izd-vo, 1963. 77 p. (MIRA 18:2)

V
PUDOVIK, A.N.; SHERGINA, I.V.

Allyl regrouping. Part 19: The reaction of magnesium organic compounds and sodium diethylphosphate with isomeric isoprene hydrochloride and methoxychloroisohexanes. Zhur.ob.khim. 27 no.10: 2750-2755 0 '57. (MIRA 11:4)

1. Kazanskiy gosudarstvennyy universitet.
(Magnesium--Organic compounds)
(Isoprene) (Hexane)

SHERGINA, K.B.

Calculating maximum flows of snow-water floods in rivers of the
plains area of Kazakhstan. Izv. AN Kazakh. SSR, Ser. energ. no. 11:13-17
'56. (MLRA 10:2)
(Kazakhstan--Stream measurements)