PAVLOV, Yakov Mikhaylovich, dotsent, kand.tekhn.nauk; POLYAKOV, V.S., kand.tekhn.nauk, red.; SIMONOVSKIY, M.Z., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Machine parts] Detali mashin. Izd.2. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1960. 523 p.

(MIRA 14:3)

(Machinery--Design and construction)

PAVLOV,Yakov Mikhaylovich, kandidat tekhnicheskikh nauk, dotsent;POLYAKOV.V.S., kandidat tekhnicheskikh nauk, redaktor; ITSKOVICH,G.M., inzhener, retsenzent; SIMONOVSKIY,L.Z., redaktor; POL'SKAYA,R.G., tekhnicheskiy redaktor

[Machine parts] Detali mashin. Izd. 2-e, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 559 p.
(Machinery--Design) (MLRA 9:4)

PAVLOV, Ya. P., Eng.

Hydroelectric Power Stations

Effect of hydroturbine equipment on the power house [illegible] of hydroelectric power plants. Gidr. stroi. 23, No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

PAVLOV, Ya. P. 168T18

USSR/Engineering - Power Stations Aug 50

"Extending the Field of Application for Concrete Spiral Chambers," Ya. P. Pavlov, Engr

"Gidrotekh Stroi" No 8, pp 6-8

Discusses possibility of raising top-pressure limit for employing concrete spiral chambers in construction of hydroelectric power stations. Concludes replacement of metal spiral by concrete spiral of trapezoidal cross section is always advantageous. Ak-Tepe station with pressure head of 38.5 m is example of satisfactory operation for 8 years.

168T18

PAVLOV, Ya.P., kand.tekhn.nauk, dots.

Strength analysis of the underwater part of river-channel buildings of a hydroelectric power station. Trudy LIEI no.23: 80-87 '58. (MIRA 12:5)
(Hydroelectric power stations)
(Hydraulic engineering)

PAVLOV, Ya.P., kand.tekhn.nauk, dots.; KIRDYASHEV, Yu.N., kand.tekhn. nauk, dots.; LEBEDEV, A.S., kand.tekhn.nauk, dots.; FEDOSOVA, I.V., assistent

Coefficients of friction for asbestos-bakelite materials. Trudy LIEI no.23:5-17 '58. (MIRA 12:5)
(Bakelite--Testing)) (Friction)

PAVLOV, Ye.

Combining the tasks of specialized workers at grain procurement points. Muk.-elev.prom. 21 no.10:10-12 O '55. (MLRA 9:1)

1.Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno.
(Grain trade)

PAVLOV, Ye.

Early potatoes. Nauka i zhizn' 21 no.4:31-32 Ap '54. (MLRA 7:5)
(Potatoes)

USSR/Chemistry - Industrial Equipment Dec 51

"Glass Pipes," Ye. Pavlov

"Nauka i Zhizn'" Vol XVIII, No 12, pp 34, 35

Describes work of inventor S. I. Korolev, Laureate of Stalin Prize, who proposed a simple method of producing thin-walled glass pipes with the aid of machines for the production of ordinary sheet glass, later applied this method to the manuf of thick-walled glass pipes 40-200 mm in diam. These pipes are in great demand at chem, petroleum, and food industries plants, health resorts, water works, as insulation for elec cables, etc. They are made of

209T7

USSR/Chemistry - Industrial Equipment Dec 51
(Contd)

window-pane glass, stand pressure as readily as asbestos-concrete piping, and are resistant to temp fluctuations. Manuf of pipes up to 450 mm in diam is contemplated. At the All-Union Sci Res Inst of Glass, work is being done on methods of forming pipe connections, design of machines, production of alkali-free, chemically resistant glass (I. D. Tykachinskiy, Z. M. Syritskaya), improvement of the mech strength of glass pipes (S. G. Lioznyanskaya).

209T7

PAVLOV, Ye.

PAVLOV, Ye.; SKOBEL'SKAYA, Yu.; SAKHATSKAYA, T.

Symposium on the formation of endocrine functions in ontogeny.
Usp. sovr. biol. 60 no.2:316-319 S-O '65. (MIRA 18:10)

Pavlov, Ye.

GOL'DENBERG, A.; PAVLOV, Ye.

Savings realized in the repairing of scales. Muk.-elev.prom. 20 no.9:28 S '54. (MLRA 7:12)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno.

(Scales (Weighing instruments)--Repairing)

PAVLOV, Ye.

Efficient methods for shelling corn. Muk.-elev.prom. 20 no.10: 22 O '54. (MLRA 7:12)

1. Kiyevskaya normativno-issledovatel'skaya stantsiya Zagotzerno. (Corn (Maize)) (Threshing)

PAVLOV, Ye

AID P - 3313

Subject	:	USSR/Aeronautics
Card 1/1		Pub. 135 - 19/20
Author	:	Pavlov, Ye., Eng. Lt. Col., Kand. of Tech. Sci.
Title	:	The so-called heat barrier (according to the foreign press)
Periodical	:	Vest. vozd. flota, 11, 89-93, N 1955
Abstract	:	The author reviews the problem of the heat barrier as was described in the foreign press. He mentions the periodicals "Aviation Week" and "American Aviation". Diagrams.
Institution	:	None
Submitted	:	No date

PAVLOV, Ye.

Centralized servicing of automotive transportation units by a tire-repair plant. Avt.transp. 40 no.2:37-38 F '62. (MIRA 15:2)
(Motor vehicles--Tires)

USSR/Engineering - Hydraulics, Drainage, Feb 51
Equipment

"Needle Filters," Ye. Pavlov

"Nauka i Zhizn'" No 2, pp 36, 37

Briefly describes new needle filter capable of lowering ground water level to 12-15 m depth, eliminating necessity of performing this operation in stages. Design is based on continuous circulation of air inside of system: pump - needle filter - collector - pump. Air is forced through inner pipe and its mixt with groung water is lifted along outer pipe into collector. Claims filter is superior to US type which may lower water level only to 5 m depth.

222726

PAVLOV, YE.

222726

L 07507-67 EWT(d)/EWP(h)/EWP(1)

ACC NR: AP6019555 (A) SOURCE CODE: UR/0416/66/000/001/0055/0058

25

AUTHOR: Chugunov, V. (Candidate of military sciences; Maj. Gen. of technical forces); Pavlov, Ye. (Candidate of military sciences; Col.)

ORG: none

TITLE: Revolution in military matters and military communications agencies

SOURCE: Tyl i snabzh sov vooruzh sil, no. 1, 1966, 55-58

TOPIC TAGS: transportation system, military training, military communication

ABSTRACT: This article briefly examines certain basic trends in the work of military communications agencies which have been evoked by the scientific and technical revolution, the revolution in military matters, and reconstruction of transportation in the Soviet Union. One of the main and complex problems in the activity of military communications agencies is to develop methods of transporting various military equipment and new types of materials by all types of transportation. To solve this problem it is presently necessary to solve problems of transporting large heavy equipment and to work out and introduce special rules and conditions for loading, transporting and unloading. One of the important requirements of military communications officers who are supervising transportation workers is to increase their military and technical training. Soviet military science emphasizes the objective character of changes

Card 1/2

L 07507-67

ACC NR: AP6019555 O

occurring in military equipment. The process of the revolutionary changes in military affairs cannot help but have an effect on the development of forms and methods of teaching young specialists. At present their training is done in various schools and the study plans and programs take into account the new trends in the practical work of military communications agencies which have been caused by this revolution. Officers of the military communications service are attentively watching all new changes in the area of the military use of transportation, are inquiring into the heart of the matter, and are determining the problems of readying transportation and its effective use in a modern war. In this connection officers and generals of the military communications service are persistently improving their military theoretical and practical training, are endeavoring to understand more thoroughly the objective rules of an armed struggle and the patterns and tendencies of the development of military affairs and transportation of the Soviet Union, are studying the conclusions and recommendations of military scientists, and are working out methods for the optimal employment of transportation and its readiness for operation under conditions of a nuclear missile war.

SUB CODE: 05;15,09/ SUBM DATE: none

Card 2/2 mla

PAVLOV, Ye.A.; TROITSKIY, N.N.; BAKHTIYAROV, A., tekhred.

[Uzbekistan; a handbook] Uzbekistan; spravochnik. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1958. 277 p. (MIRA 12:3)
(Uzbekistan)

PAVLOV, YE.A., TROITSKIY, N.N.

Uzbekistan; Spravochnik. Tashkent, Gos. Izd-vo Uzbekskoy SSR, 1958
277 p. illus., maps.
Bibliography: p. 277

PAVLOV, Ye.A., inzhener-podpolkovnik, kand.tekhn.nauk

By the inertial system of navigation. Vest.Vozd.Fl. no.7:90-92 Jl '61. (MIRA 14:8)
(United States—Guided missiles)

ACC NR: AP6033214 SOURCE CODE: UR/0142/66/009/004/0466/0473

AUTHOR: Pavlov, Ye. A.; Rodionov, Yu. P.

ORG: none

TITLE: A study of an equivalent circuit of a varactor with an aluminum—titanium dioxide—silicon structure

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 4, 1966, 466-473

TOPIC TAGS: varactor diode, semiconductor diode, dielectric layer, electronic circuit

ABSTRACT: The equivalent circuit of a surface-charge varactor diode is studied. The varactor consists of a vacuum-deposited aluminum layer, a titanium dioxide dielectric film, and n-type silicon. Frequency dependence of the varactor capacitance (c), the loss resistance (R_n, in parallel with c) and the Q-factor were measured; the possibility of determining some of the equivalent circuit parameters was also examined. A previously derived equivalent circuit (see Fig. 1) with the following parameters was used: C_f, dielectric film capacitance; C_{sc}, capacitance determined by surface space-charge; C'_{ss}, capacitance based on fast surface conditions; C''_{ss}, capacitance based on slow surface conditions; R'_{ss}, resistance of fast surface conditions; R''_{ss}, resistance of slow surface conditions; R_{yt}, leakage resistance; R_{sc}, resistance of space-

Card 1/2 UDC: 621.382.012.8

ACC NR: AP6033214

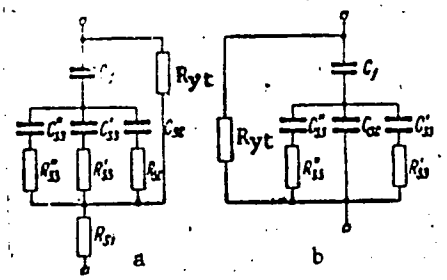


Fig. 1. Simplified varactor equivalent circuits

charge region; and R_{Si}, semiconductor bulk resistance. The parameters were measured in the frequency range from 10 kc to 20 Mc with an a-c bridge capable of applying constant bias voltage to the varactor. Capacitance C decreases with frequency; the decrease varies with bias voltage. Resistance R decreases non-linearly with frequency. Parameters C_{sc}, C_{ss}, R_{yt} and R_{ss} depend either on frequency, bias voltages, or both. Their values for bias voltages of zero and -7vv were compared: R_{yt} remains constant; and C_{sc} changes. C_{ss} and R_{ss} change, indicating that surface conditions are determined by the potential of semiconductor surfaces. Orig. art. has: 9 figures and 7 formulas.

SUB CODE: 09/ SUBM DATE: 05Mar65/ ORIG REF: 002/ OTH REF: 007

Card 2/2

PAVLOV, E.A.

Utilization of nitrogen of leguminous plants under conditions of mixed sowing. E. A. Pavlov. *Vestnik Akad. Nauk Kazakh. S.S.R.* 11, [illegible] No. 112), 48-54 (1954).—Protein and N analyses of plant cultures showed that in plots sown with mixed plants the grains utilize N provided by the leguminous plants, which acts like N supplement and raises the protein content of the grain. Vetch is not as effective as vetchling. The final result is detd., however, by adequate water supply. G. M. Kosolapoff

BUDON, V.D.; PAVLOV, Ye.A.; STENDER, V.V.

Electrolytic refining of lead from sulfamic acid solutions. Izv. AN Kazakh.SSR Ser.khim. no.1:108-112 '47. (MLRA 9:8)
(Lead-electrometallurgy) (Sulfamic acid)

PAVLOV, Ye.A., kand.tekhn.nauk, inzhener-podpolkovnik

Power installation of "Bomarc" (as revealed by foreign press data). Vest. protivovozd. obor. no.8:39-40 Ag '61. (MIRA 14:8)
(United States--Guided missiles)

PAVLOV, Ye.A., inzhener-podpolkovnik, kand.tekhn.nauk

Ramjet engines. Vest.Vozd.Fl. no.1:89-92 Ja '61. (MIRA 13:12)
(Airplanes--Ramjet engines)

PAVLOV, Ye.A.; STEINER, V.V.

Preparation and properties of sulfamic acid. Izv.AN Kazakh.SSR ser.khim. no.1:104-108 '47. (MLRA 9:8)
(Sulfamic acid)

PAVLOV, Ye.A., inzhener.

Electric tools for woodwork (From: "Holz-Zentralblatt" nos. 50-52, 55, 67). Der.prom. 4 No.12:28-29 D '55. (MLRA 9:3)
(Germany, West--Power tools)

PAVLOV, E. A.; UVAROV, N. V.; OSIPOV, A. I.

The TsNIIME-K-5 Light-Duty Electric Saw (Oblegchennaya elektropila TsNIIME-K5), Goslesbumizdat, 1949, 40 pp.

DREKSLER, M. M. , PAVLOV, YE. A.

Lumbering

Electrical circular hand limbing saw. Mekh. trud. rab., 6, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

PAVLOV, Ye.B.

Universal supporting edge for trimming-off machines. Rats.i izobr.predl.v stroi. no.50:16-17 '53. (MLRA 7:2)
(Woodworking machinery)

PAVLOV, Ye., inzhener-podpolkovnik, kand. tekhn. [illegible]

Hypersonic aircraft. Av. i kosm. 47 no.7:10-15 Jl '64.

PAVLOV, E. F.

"Pregnancy in rabbits in experimental superfactation."
by Pavlov, E. F. (p. 450)

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. X, No. 6, 1949

PAVLOV, Ye. P.

"Progestin and the Intrauterine Loss of Rabbit Embryos through Experimental Over-Fertility," Dok. AN, 67, No. 1, 1949. Physiol. Inst. im. I. P. Pavlov, Acad. Sci., -c1949-.

PAVLOV, YE. F.

BARYSHNIKOV, I.A; ZAKS, M.G; PAVLOV, Ye.F.

Effect of the maternal organism on the color of the progeny in rabbits following transplantation of ovaries. Izv.Akad.nauk SSSR Ser.biol.,Moskva no.6:77-96 Nov-Dec 50. (CLML 20:4)

1. Physiological Institute imeni I.P. Pavlov of the Academy of Sciences USSR, Laboratory of the Physiology of Farm Animals.

PAVLOV, Ye.F.

Inheritance of coloration in chickens in case of reciprocal transplantation of ovaries. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 4 no.10:879-884 '51. (MLRA 9:8)

1. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva Armyanskoy SSR.
(Ovaries--Transplantation) (Color of birds) (Poultry breeding)

PAVLOV, E. F.

"Neuroregulation of Motor Function of the Breast; Storage and Output of Milk." (pp. 423-39) by Baryshnikov, I. A., Zaks, M. G., Zotikova, I. N., Levitskaya, E. S., Pavlov, G. N., Pavlov, E. F., Tverskoi, G. B., Tokbukhin, V.N., and Tsakhaev, G. A.

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 12, No.6, (Nov-Dec) 1951.

PAVLOV, Ye.F.

Role of the cerebral cortex in ovulation in rabbits. Izv.AN Arm. SSR.Biol.i sel'khoz.nauki. 5 no.3:35-44 '52. (MLRA 9:8)

1. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva Armyanskoy SSR.
(CEREBRAL CORTEX) (OVULATION)

PAVLOV, Ye. F.

Author of "I. P. Pavlov's teaching in the physiology of agricultural animals." Yerevan, Publication of the Academy of Sciences and Armenian SSR, 1953, 28 pages. In Armenian. Society for the Dissemination of Political and Scientific Knowledge, Armenian SSR

SO: TABCON Veterinariya; Vol 31; No. 2; February 1954, Unclassified

ARAKELYAN, M.A.; PAVLOV, Ye.F.

Ovulation and viability of embryos in rabbits with denervation of ovaries. Zhur.ob.biol. 14 no.6:424-434 '53. (MLRA 6:11)
(Nervous system) (Ovaries) (Fetus)

PAVLOV, Ya.F.

Transplantation of ovaries in swine withing the same breed. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 7 no.9:49-56 S '54. (MLRA 9:8)

1. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva Arm. SSR.

(Ovaries--Transplantation) (Swine)

KARAPETYAN, S.K.; PAVLOV, Ye.F.; AVAKYAN, M.A.

Some characteristics of conditioned reflex activity in domestic fowl effected by changes in the external environment. Dokl. AN Arm. SSR 18 no.5:151-156 '54. (MLRA 8:7)

1. Deystvitel'nyy chlen Akademii nauk Armyanskoy SSR. (for Karapetyan)
2. Institut zhivotnovodstva Ministerstva sel'skogo khozyayztva Armyanskoy SSR. (Conditioned response)

ARAKELYAN, M.A.: PAVLOV, Ye.F.

Heredity of functional asymmetry of the reproductive organs in rabbits. Zhur.ob.biol.16 no.3:169-177 My-Je '55. (MLRA 8:9)
(HEREDITY,
of genital acquired abnorm. in rabbits)
(GENITALIA, FEMALE, abnormalities,
asymetry, hered. of acquired defects in rabbits)
(ABNORMALITIES,
asymetry of female genitalia, hered. of acquired defects in rabbits)

PAVLOV, Ye.F.

Inheritability of the length of fur in experiments on the transplantation of ovaries in rabbits. Zhur.ob.biol.17 no.1:3-12 Ja-F '56. (MLRA 9:6)

1. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva Armyanskoy SSR.

(OVARIES—TRANSPLANTATION) (HEREDITY)

PAVLOV, Ye.F.;MARKARYAN, A.Kh.

Secretion of milk fat by the mammary gland. Izv. AN Arm. SSR Biol. i sel'khoz. nauki 10 no.1:23-34 Ja '57. (MLRA 10:4)

1. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva Armyanskoy SSR.

(LACTATION)

GHILINGARYAN, A.A.; PAVLOV, Ye.F.

Changes in the color of Peking ducks resulting from the injection of isolated erythrocyte nuclei taken from ducks of a different species. Izv. AN Arm.SSR. Biol.nauki 13 no.1:33-40 Ja '60. (MIRA 13:7)

1. Zoologicheskiy institut Akademii nauk ArmSSR.
(COLOR OF BIRDS) (CELL NUCLEI) (ERYTHROCYTES)

CHILINGARYAN, A.A.; PAVLOV, Ye.F.; MKRTCHYAN, L.P.

Change in the quantity of DNA in the nuclei of liver cells in rabbits following intervarietal crossing. Izv. AN Arm. SSR Biol. nauki 17 no.9:3-8 S '64 (MIRA 18:1)

1. Zoologicheskiy institut AN Armyanskoy SSR.

CHILINGARYAN, A.A.; PAVLOV, Ye.P.; MKRTCHYAN, I.P.

Hereditary transformation of color and changes in the DNA amount in Pekin ducks caused by injections of isolated erythrocyte nuclei from ducks of a different species. Izv. An Arm. SSR Biol. naukd 15 no.[illegible]5-38 D'62 (MIRA 17:8)

1. Zoologicheskiy institut AN ArmSSR.

PAVLOV, Ye.F.

Effect of changes in the nutrition of germ cells and embryos in mammals and birds on hereditary properties of organisms developing from them. Izv. AN Arm. SSR. Biol. nauki 14 no.8:3-21 Ag '61. (MIRA 14:9)

1. Zoologicheskiy institut AN Armyanskoy SSR.
(HEREDITY)

KARAPETYAN, Saak Karapetovich; PAVLOV, Ye.F., otv.red.; SHTIBEN, R.A., red.izd-va; KAPLANYAN, M.A., tekhn.red.

[Role of light in the physiological stimulation of the animal organism] Rol' sveta v fiziologicheskoi stimuliatsii zhivotnogo organizma. Yerevan, Izd-vo AN Armianskoi SSR, 1961. 131 p. (MIRA 15:4)

(Light—Physiological effect)
(Poultry—Physiology)

CHILINGARYAN, A.A.; PAVLOV, Ye.F.; MAGAKYAN, Yu.A.

Changes in the pigmentation and embryogeny of Pekin ducks under the influence of foreign cellular nuclei. Agrobiologiia no.6:903-910 N-D '60. (MIRA 13:12)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR, g.Yerevan.
(Duck breeding)

CHILINGARYAN, A.A.; PAVLOV, Ye.F.

Quantitative changes in the deoxyribonucleic acid content of erythrocyte nuclei in interspecific hybirds of birds and reptiles. Dokl.AN Arm SSR 32 no.1:55-60 '61. (MIRA 14:3)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR M.A. Ter-Karapetyanom.
(Nucleic acid) (Erythrocytes)

USSR / Farm Animals. General Problems. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7258

Author : Pavlov, Yo. F.; Markaryan, A. Kh.
Inst : Armenian Scientific Research Institute of Animal Husbandry and Veterinary Sciences
Title : Comparative Data on the Fat Distribution in the Various Portions of Milk at Simultaneous Milking in Domestic Artiodactyla

Orig Pub : Tr. Arm. n.-i. in-ta zhivotnovodstva i veterinarii, 1957, 2, 165-172

Abstract : The morphology of the mammary gland and the content of fat in milk portions obtained successively at simultaneous milkings of cows, female buffaloes, goats and sheep were studied. The cisterns of the udder and of teats

Card 1/3

PAVLOV, Ye.F.

Valuable contribution to the study of lactation physiology ("Physiology of the motor apparatus of mammary glands in farm animals" by M.G.Zaks. Reviewed by E.F.Pavlov). Izv.AN Arm.SSR. Biol. i sel'khoz.nauki 11 no.11:109-111 N '58. (MIRA 11:12)
(Lactation) (Zaks, M.G.)

Q-2

USSR / Farm Animals. Cattle

Abs Jour : Ref Zhur-Biol., No 6, 1958, 26126

Author : Pavlov Yo.F., Markaryan A.Kh.

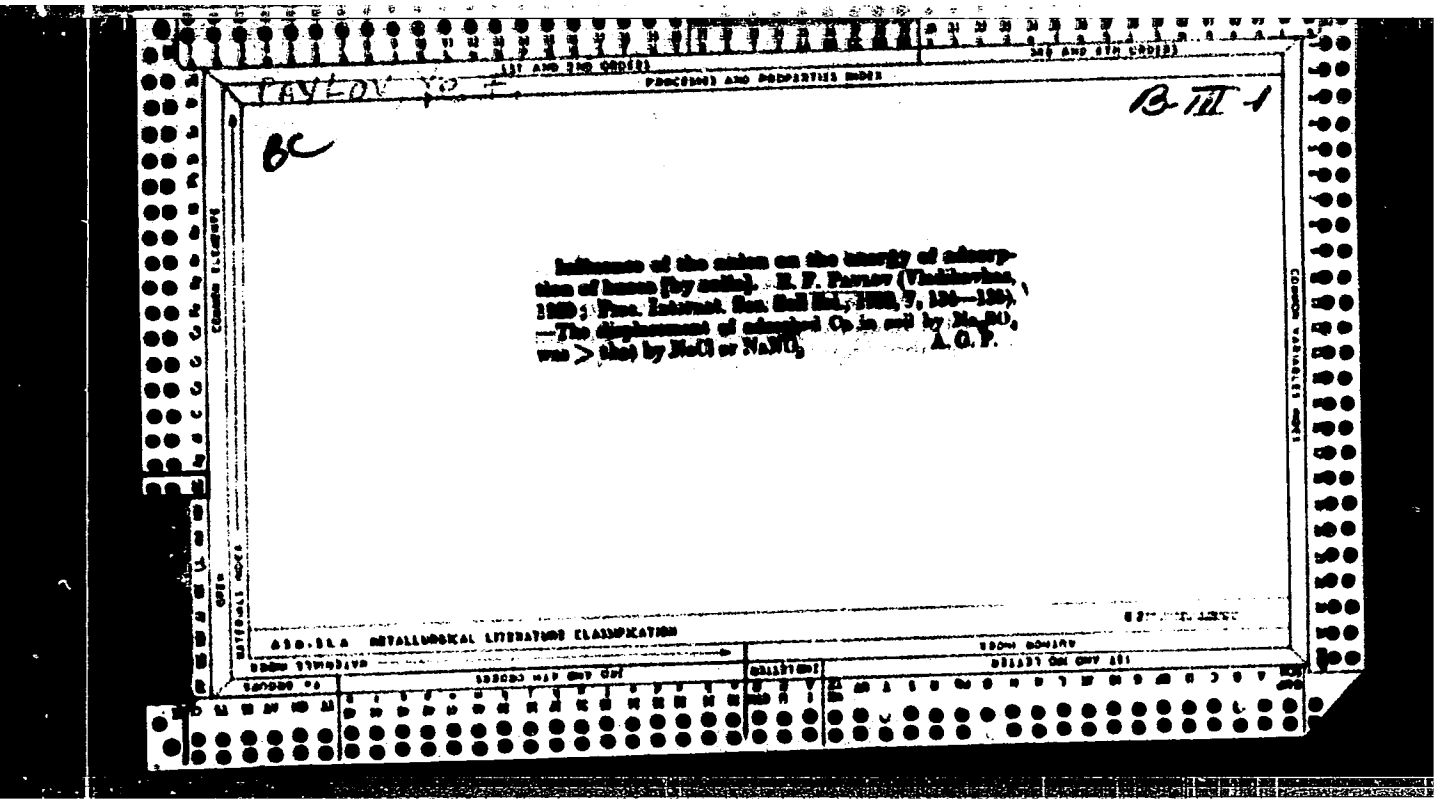
Inst : Not given

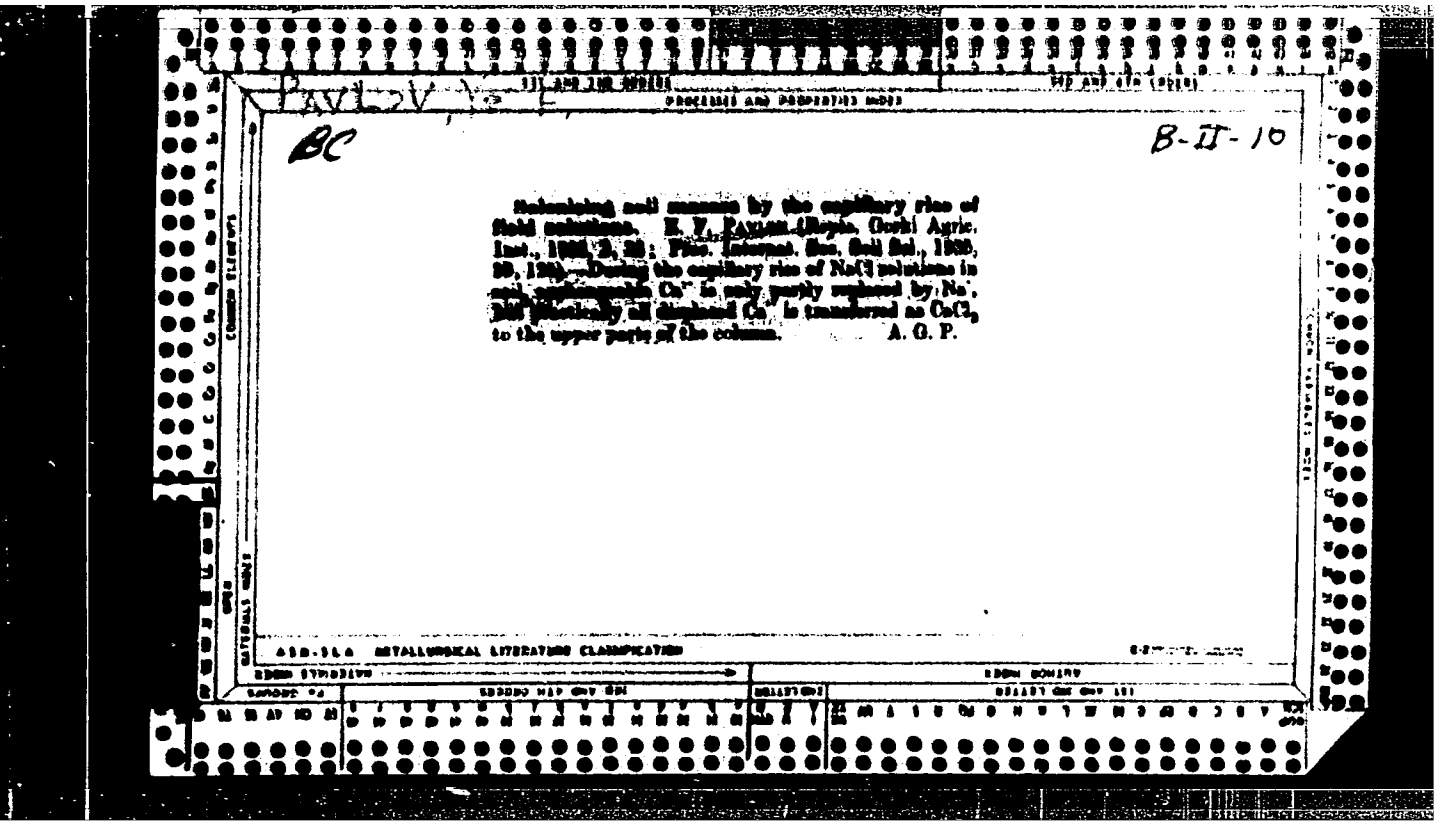
Title : On the Secretion of Buttorfat in the Mammary Gland (K voprosu o sodrotsii zhira v molochnoy zholoze)

Orig Pub : Izv.AN ArmSSR.Biol. i s.-kh. n., 1957, 10, No 1, 23-24

Abstract : The factors that influence the content of buttorfat in the first and last part of a single milking were investigated. In the experiments in which the mammary gland of cows and goats was catheterized for a short or for a long time it was not possible to obtain milk with an increased content of buttorfat because of the absence of the mechanical irritation of the cutaneous surface of the udder. The presence of the

Card 1/3

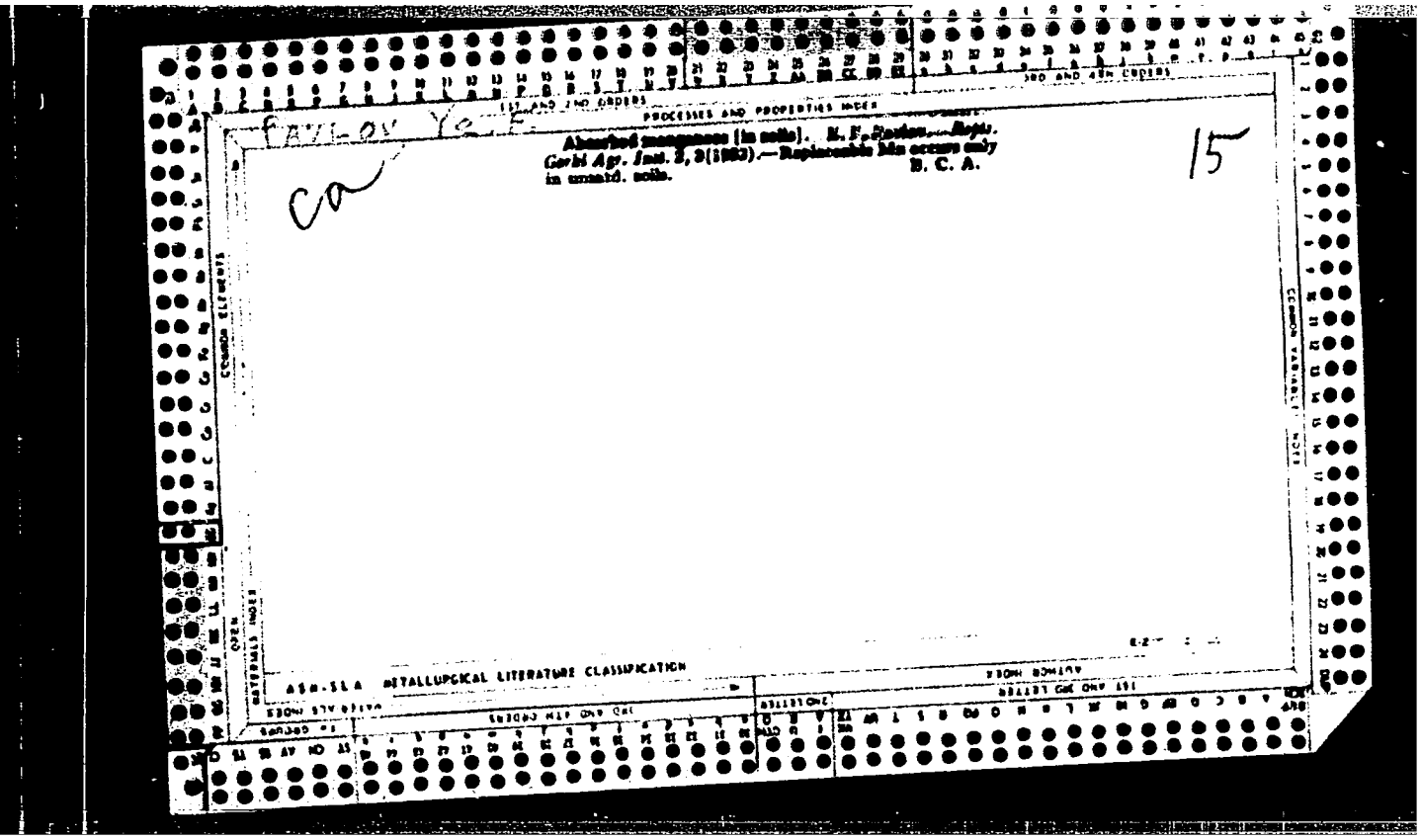




BC

B-II-10

Substituting metal ammines by the capillary rise of field solutions. E. V. Rayzer. (Russ. Centr. Agric. Inst., 1938, 2, 38; Proc. Internat. Soc. Soil Sci., 1939, 20, 134).—During the capillary rise of Na[] solutions in soil exchangeable Ca" is only partly replaced by Na', but practically all displaced Ca" is transferred as $CaCl_2$ to the upper parts of the column. A. G. P.



PAVLOV, Ye.G., inzh.

Refrigeration in the Soviet fishing industry. Khol. tekh. 38 no.6:4-7 N-D '61. (MIRA 15:1)

1. Zamestitel' nachal'nika Glavnogo upravleniya rybnogo khozyaystva pri Gosplane SSSR.
(Fisheries)
(Refrigeration on ships)

PAVLOV, YE. G.

Cold Storage on Shipboard

Wider use of refrigeration in the fishing industry. Ryb. khoz., 28, No. 8, 1952.

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

PAVLOV, YE. G.

Fishery Products - Preservation

Wider use of refrigeration in the fishing industry. Ryb. khoz. 28 no. 8, 1952.

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

1. PAVLOV, YE.G.

2. USSR (600)

4. Cold Storage

7. Results of work of the All-Union Scientific Research Institute of the Refrigeration Inudstry for 1952, Ryb.khoz. 29 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

TSEKENT'YEV, Aleksey Vasil'yevich; MILLER, Boris Nikolayevich; CHERNILIN, Nikolay Filippovich; PAVLOV, Ye.G., retsenzent; CHERNYSHOV, I.G., retsenzent; DORMENKO, V.V., spetsredaktor; KUZ'MINA, V.S., redaktor; YAROV, B.M., tekhnicheskiy redaktor

[Hydraulic machinery in the fish industry] Gidravlicheskaia mekhanizatsiia v rybnoi promyshlennosti. Izd. 2-oe, perer. i dop. Moskva, Pishchepromizdat, 1956. 299 p. (MLRA 10:1)
(Fisheries) (Hydraulic machinery)

PAVLOV, Yevgeniy Grigor'yevich; MOROZOVA, I.I., red.; SOKOLOVA, I.A., tekhn. red.

[Refrigeration on ships of the fishing industry] Kholod na sudakh rybnoi promyshlennosti. Izd.2., perer. i dop. Moskva, Pishchepromizdat, 1961. 295 p. (MIRA 14:11)
(Refrigeration on ships)

PAVLOV, Yevgeniy Grigor'yevich; IVANOV, V.M., inzhener, retsenzent; KHATUNTSEV, N.A., retsenzent; ZAYTSEV, V.P., kandidat tekhnicheskikh nauk, spetsredaktor; MOROZOVA, I.I., redaktor; GOTLIB, E.M., tekhnicheskiy redaktor

[Refrigeration on ships of the fishing industry] Kholod na sudakh rybnoi promyshlennosti. Moskva, Pishchepromizdat, 1956. 237 p.
(Refrigeration on ships) (MLRA 10:1)

Pavlov, Ye. G.

MATVEYEV, Valentin Ivanovich; PAVLOV, Ye.G. spets. red.; MOROZOVA, I.I., red.; KISINA, Ye.I., tekhn. red.

[High-output freezing equipment for fish and fish products] Apparaty intensivnogo deistviia dlia zamorazhivaniia ryby i ryboproduktov. Moskva, Pishchepromizdat, 1958. 83 p. (MIRA 11:8)
(Refrigeration and refrigerating machinery)
(Fish, Frozen)

PAVLOV, E. G., PAVLOV, K. V.

"Refrigerating Equipment on the Vessels of the USSR Fisheries Industry."

Report submitted for the 10th Intl. Refrigeration Congress, Copenhagen, 19 August - 2 September 1959.

PAVLOV, Yevgeniy Ivanovich

[Planning on collective farms; practices of the Vtoraia Piatiletka Collective Farm, Kuybyshev District] Perspektivnoe planirovanie v kolkhozakh; iz opyta kolkhoza imeni Vtoroi Piatiletki, Kuibyshevskogo raiona. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1956. 116 p.
(Collective farms) (MIRA 11:4)

NASEDKIN, Yu. F. and PAVLOV, E. I.

"The Influence of the Form of the Magnetic Field on the Ring Gas Discharge," (Work carried out in 1957); pp. 214-230.

"The Physics of Plasmas; Problems of Controlled Themonculear Reactions." Vol. III. 1958, published by Inst. Atomic Energy, Acad. Sci. USSR.
resp. ed. M. A. Leontovich, editorial work V. I. Kogan.

Available in Library.

PAVLOV, E. I. (and S. M. Osovets, Y. F. Nasedkin, Y. E. Petrov, N. I. Shchedrin)

"INVESTIGATING THE EQUILIBRIUM PLASMA TURN IN A TRANSVERSE MAGNETIC FIELD".

By S. M. Osovets, Y. F. Nasedkin, E. I. Pavlov, Y. F. Petrov and N. I. Shchedrin.

Report presented at 2nd UN Atoms-for-Peace Conference, Geneva, 9-13 Sept. 1958

PAVLOV, YE. I.

L 45105-66 EWT(1) IJP(c) AT
ACC NR: AP6024866 SOURCE CODE: UR/0056/66/051/001/0087/0094

AUTHOR: Pavlov, Ye. I.; Sinitsyn, V. I.

ORG: none

TITLE: Inhibition of instabilities in a plasma column

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 51, no. 1, 1966, 87-94

TOPIC TAGS: plasma column, plasma instability, plasma stability

ABSTRACT: It is shown experimentally that under certain conditions a straight plasma column carrying a current of 100—120 kA can be stabilized by busbars employing a rapidly varying magnetic field. The stabilizing contour consists of six busbars arranged symmetrically on the outer surface of the discharge chamber, which has a diameter of 20 cm. The conclusion regarding the stabilization effect is drawn on the basis of data obtained by streak photography of the radiation, magnetic probe measurements, and recordings by a magnetic element of the amount of energy escaping to the chamber walls. Orig. art. has: 6 figures. [CS]

SUB CODE: 20/ SUBM DATE: 15Feb66/ ORIG REF: 004/

Card 1/1 mjs

PAVLOV, Ye.I.; SEMENOV, V.S.

General automatic and remote control of petroleum production enterprises. Neft. khoz. 38 no.10:5-8 O '60. (MIRA 13:9)
(Oil fields—Production methods)
(Automatic control) (Remote control)

LEONT'YEV, A.N.; PAVLOV, Ye.I.

Ornithological observations in the Chikoy Valley (Chita Province). Ornitologiia no.6:165-172 '63. (MIRA 17:6)

PAVLOV, Ye. I.

Stakhanov work on universal milling machines. Moskva, Gos. nauch. izd-vo, 1941. (Stakhanovskaia seriia) (Mic 53-275) Collation of the original as filmed: 21 p.

Microfilm TJ-4

PAVLOV, Yevdokiya Kuz'minichna. Prinimal uchastiye NOSOV, G.Ya., kand. tekhn. nauk, prepodavatel'; KIRILLOV, A.Ya., inzh., red.; CHERVYAKOVA, L.S., red.; EL'KINA, E.M., tekhn. red.

[Mechanical equipment for public eating establishments] Mekhanicheskoe oborudovanie predpriiatii obshchestvennogo pitaniia. Pod red. A.IA.Kirillova. Moskva, Gos. izd-vo torg. lit-ry, 1961. 238 p. (MIRA 15:1)

1. Moskovskiy tekhnikum obshchestvennogo pitaniya (for Nosov).
(Restaurants, lunchrooms, etc.—Equipment and supplies)

KROL', E.G., inzh.; KHOKHLOVA, A.N., inzh.; BEGLYAROV, S.A., inzh., rukovoditel' raboty; IGNATYUK, G.L., glavnyy red.; KAGAN, G.S., zamestitel' glavnogo red.; GANKIN, M.Z., red.; DEVILLERS, B.P., red.; ZHEREBTSOV, V.V., red.; ZHUKOV, G.A., red.; KREMER, Ye.S., red.; OFFENGENDEN, S.R., red.; PAVLOV, Ye.L., red.; PETROVSKAYA, I.V., red.; FAYNTSIMMER, V.M., red.; FROG, N.P., red.; CHERNIKEVICH, L.A., red.; SHAPAYEV, A.M., red.

[Special operating conditions of irrigation pumping stations.] Spetsial'nye rezhimy orositel'nykh nasosnykh stantsii. Moskva, Giprovodkhoz, 1964. 136 p. (Moscow. Vsesoiuznyi proektno-izyskatel'skii i nauchno-issledovatel'skii institut Giprovodkhoz. Trudy, no.27). (MIRA 19:1)

1. Nachal'nik otdela nasosnykh stantsiy Vsesoyuznogo gosudarstvennogo proyektno-izyskatel'skogo i nauchno-issledovatel'skogo instituta vodokhozyaystvennogo stroitel'stva (for Beglyarov).

PAVLOV, Ye. L.

33261 PALOV, YE. L. I. [illegible], G. S.
Skhema Orosheniya Tsentral'no-Chernozemnykh Oblastey, Gidrotekhnika I Melioratsiya, 1949, No. 4, c. 3-11

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

1. PAVLOV, YE. L., Eng.

2. USSR 600

4. Ponds

7. Problem of complete control of runoff in ponds and reservoirs of the central chernozem provinces, Gidr. i mel, 5 , No. 1, 1953.

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

1. PAVLOV, YE. L., Eng.

2. USSR 600

4. Runoff

7. Problem of complete control of runoff in ponds and reservoirs of the central chernozem provinces, Gidr. i mel, 5, No. 1, 1953.

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

1. PAVLOV, YE. L., Eng.

2. USSR 600

4. Reservoirs

7. Problem of complete control of runoff in ponds and reservoirs of the central chernozem provinces, Gidr. i mel, 5, No. 1, 1953.

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

PAVLOV, YE. L.

Nov 51

USSR/Hydrology - Irrigation

"Some Problems of Planning and Structure of Ponds and Reservoirs," Ye. E. Kazarnovskiy, Cand Tech Sci, Ye. L. Pavlov, Engr

"Gidrotekh i Meliorat" Vol III, No 11, pp 3-11

Soviet kolkhoz workers are accomplishing Stalin's plan for improvement of nature. In the chernoze, oblasts of Kurak, Voronezh, Orlov and Tambov alone more than 3,000 ponds and reservoirs have been constructed. Nevertheless, planning and designing of these projects have many defects which further experience and professional knowledge are expected to improve.

PA 197T61

PAVLOV, Ye.M.

Bending technique for determining the thermoelastic factor. (MLRA 9:10)
Priborostroenie no.9:20-21 S '56.

(Elastic solids--Testing)

PAVLOV, Ye M.

124-11-13586 D

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 175 (USSR)

AUTHOR: Pavlov, Ye. M.

TITLE: Methods for the Determination of the Temperature Coefficients of the Moduli of Elasticity of Thin Materials
(Metody opredeleniya temperaturnykh koeffitsiyentov moduley uprugosti tonkikh materialov)

ABSTRACT: Dissertation for the Degree of Candidate of Technical Sciences, Mosk. vyssh. tekhn. uch-shche, Moscow, 1956.

ASSOCIATION: Mosk. vyssh. tekhn. uch-shche (Moscow Technical College), Moscow.

Card 1/1

PAVLOV, Ye.M.

USSR/ Miscellaneous - Book review

Card 1/1 Pub. 128 - 23/28

Authors : Ignat'ev, A. K., Eng.; Bart, F. F., Cand. of Mech. Sc.; Ganshtak, V. I., Cand. of Econ. Sc.; and Zvorono, B. P., Cand. of Mech. Sc.

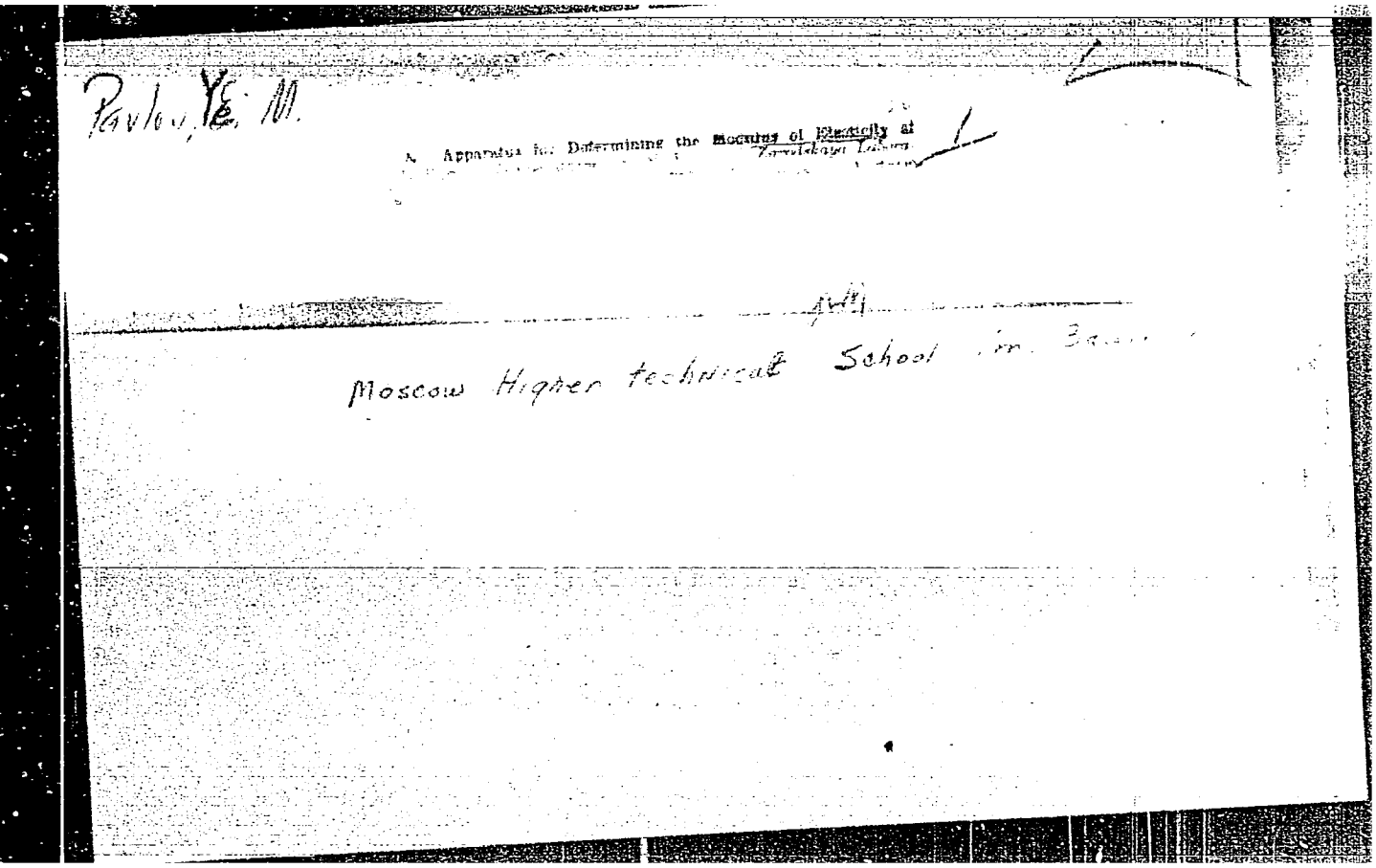
Title : Review of books

Periodical : Vest. mash. 35/6, 86 - 90, Jun 1955

Abstract : An extensive review is given of Ya. M. Pavlov's book, "Machine Components," published by "Mashgiz" 1954; a book, "Planning of Subsidiary Shops for a Machine Construction Plant," published by "Mashgiz" 1954; and V. P. Romanovskiy's book, "Texbook on Cold Stamping," published by "Mashgiz" 1954.

Institution : .....

Submitted : .....



Pavlov, Ye. M.

A Apparatus for Determining the Modulus of Elasticity at

Moscow Higher technical School im. Ba...

PAVLOV, Ye

Uzbekistan; spravochnik [Uzbekistan; handbook, by Ye. ...] ...
Troitskiy. Tashkent, Uzbekskoe ... 1966.

277 [1] p. Illus., maps.
Bibliography: p. 274-277

IAVICV, Ye. L.

IAVICV, Ye. L.: "Methods of determining the coefficients of the moment of elasticity of [illegible] materials." Min Higher Education USSR. Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni N. E. Bauman. Moscow, 1954. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis' No. 22, 1954

GEVONDYAN, T.A.; PAVLOV, Ye.M.

Dynamic method for determining temperature coefficient of modulus of elasticity of thin metals. Zav. lab. 22 no.12: 1490-1491 '56. (MLRA 10:2)

1. Moskovskoye vysshoye tekhnicheskoye uchilishche imeni N.E. Baumana.

(Elasticity)

PAVLOV, Ye.N.

USSR/Astronomy - Infrared Photography of Galaxy Apr 52

"Infrared Radiation of the Milky Way," Ye. N. Pavlov, Phys Inst, Leningrad State U

"Priroda" No 4, pp 107-109

Real nature and structure of Galaxy were explained in 1948 at Crimean Astrophys Obs by observations in infrared of A. A. Kalinyak, V. I. Krasovskiy and V. B. Nikofonov, using photosensitive cathodes. In 1950 at the same observatory, S. F. Rodionov and I. G. Frishman used photocells to photograph in infrared the Galaxy and found this radiation to be 2-10% of the background glow.

215T1

L 35888-66

ACC NR: AP6010876 SOURCE CODE: UR/0115/66/000/002/0084/0085

AUTHOR: Dyuzhin, A. T.; Pavlov, Ye. P.

ORG: none

TITLE: Two-channel precision temperature regulator for plants having high thermal inertia

SOURCE: Izmeritel'naya tekhnika, no. 2, 1966, 84-85

TOPIC TAGS: temperature regulator, automatic temperature control

ABSTRACT: An automatic system with static and astatic control channels is suggested for temperature regulation within 12—300K. The error signal proportional to the temperature difference derived from a differential thermocouple is applied to a d-c amplifier (see figure). The amplified signal is 50-cps modulated, further amplified, and is forked into separate static and astatic channels; later,

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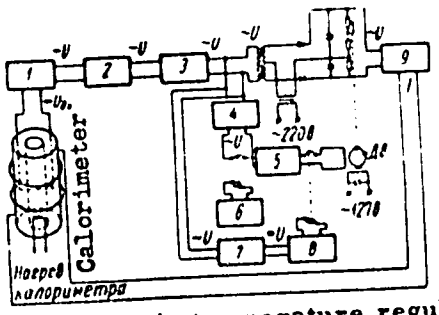
L 35888-66
ACC NR: AP6010876

the signals are summed in the control element. An experimental model is claimed to have maintained the temperature, within the entire 12—300K range, with an error of 0.001K or better; heating currents, up to 500 ma. Orig. art. has: 3 figures and 1 formula.



Static-and-astatic temperature regulator:
1 - photo-amplifier, 2 - modulator,
3 - amplifier, 4 - amplifier, 5 - power amplifier, 6 - relay stabilization,
7 - peak detector with level clamping,
8 - astatic-channel turn-on relay,
9 - output stage.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002

Card 2/2

PAVLOV, Ye. P.

On a Method of Finding Total Fatigue from Curves of Equal Stress. E. P. Pavlov (*Zhur. Tekhn. Fiziki*, 1954, 24, (2), 227–230).—[illegible] The problem is given a series of fatigue curves enabling one to predict the life of a specimen fatigued at const. stress, how to predict the life if the stress is varied. P. discusses a method due to Richart and Newmark (*Proc. Amer. Soc. Test. Mat.*, 1948, 48, 767; *M.A.*, 17, 840) and finds it sound in principle but not very useful in practice. To collect the necessary experimental data to suit all possible materials and appn. would be a formidable task: the computation then required is very heavy and the final result none too reliable.—A. F. B.

L 37701-66 EWP(k)/EWT(m)/T/EWP(t)/ETI IJP(c) JH/JD

ACC NR: AP6017299 (A) SOURCE CODE: UR/0136/66/000/005/0083/0085

AUTHORS: Danilkin, V. A.; Grigor'yeva, A. A.; Pimenov, Yu. P.; Chikin, V. K.; Pavlov, Ye. S.

60
59
B

ORG: none

TITLE: Influence of evacuation on the hydrogen and aluminum oxide content in aluminum and its alloys

18 27 27

SOURCE: Tsvetnyye metally, no. 5, 1966, 83-85

TOPIC TAGS: aluminum, vacuum degassing, hydrogen, aluminum oxide / AK6 aluminum alloy, D1 aluminum alloy

ALUMINUM ALLOY

ABSTRACT: The effect of degassing on the hydrogen and aluminum oxide content in aluminum and aluminum alloys AK6 and D1 was determined. The investigation supplements the results of M. B. Al'tman i dr. (Liteynyye alyuminevyye splavy, Oborongiz, 1961, s. 150). The hydrogen content was determined after V. A. Danilkin i dr. (Zavodskaya laboratoriya, 1961, No. 3) and the aluminum oxide content after the method of O. Z. Werner (Anal. Chem., 1941, 121, S. 259). The experimental results are presented graphically (see Fig. 1). A brief discussion of the necessary and sufficient conditions of the formation of hydrogen bubbles in the melt is presented. The discussion is based on the work of N. M. Chuyko (Gazy v litom metalle. Izd. Nauka, 1964, s. 14). It is concluded that vacuum degassing of aluminum and its

14

UDC: 669.715.017

Card 1/2

L 37701-66

ACC NR: AP6017299

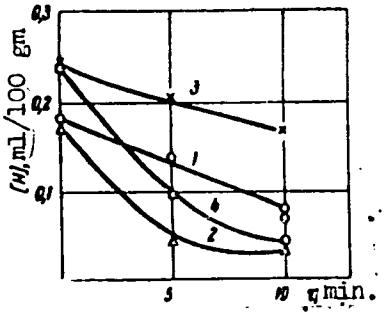


Fig. 1. Dependence of the hydrogen content on the duration of argon purging under vacuum. ($P_{residual}$ = 4 mmHg). 1 - A1, upper layer; 2 - A1, lower layer; 3 - AK6, upper layer; 4 - AK6, lower layer.

alloys, particularly when combined with argon purging, results in a considerable decrease of the hydrogen content of the melt. The vacuum chamber was designed by I. L. Teytel. Orig. art. has: 3 graphs and 2 equations.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 005

Card 2/2

PAVLOV, Ye.S.

New data on the regularities in the distribution of endogenetic mineralization in the Maritime Territory. Dokl. AN SSSR 153 no.2:436-439 N '63. (MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya. Predstavleno akademikom V.I.Smirnovym.

ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.; ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.; BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.; SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRAKKIN, I.Ye.; YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.; KARPOVA, Ye.D.; KASHIN, S.A.; KASHKAY, M.A.; KORZHINSKIY, D.S.; KOSOV, B.M.; KOTLYAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV, S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; OBRUCHTSOV, M.M.; PAVLOV, Ye.S.; SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV, N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.; CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obiturary. Sov.geol. 4 no.5:156-158 My '61. (MIRA 14:6)
(Levitskii, Oleg Dmitrievich, 1909-1961)

NATAL'IN, N., gvardii mayor; PAVLOV, Yu., gvardii kapitan

Mastery is born in labor. Voen. vest. 43 no.9:109-111 S '63.

(Artillery drill and tactics)

PAVLOV, Yu., inzh.

Ionic diaphragms. Nauka i zhizn' 26 no.9:67 S '59.
(Sea water, Distillation of) (MIRA 13:1)

PAVLOV, Yu.

European integration and the metallufgical monopolies of France.
Vnesh.torg. 42 no.1:23-28 '63. (MIRA 16:2)
(Europe—Economic integration) (France—Steel industry)