PAVLOVSKIY, D.P.

Changes in the coagulating and anticoagulating systems of the blood in acute cholecystitis and mechanical jaundice. Sov. med. 27 no.12:15-20 O '64. (MIRA 18:11)

1. Kafedra khirurgii (zav.- prof. D.F. Skripnichenko) stomatologicheskogo fakul'teta Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni Bogomol'tsa.

PAVLOVSKIY, D.F.

Functional [illegible] the blood in [illegible]. Vop. onk. 11 no.4:31-35 '65. (MIRA 18:8)

1. Iz kafedry khirurgii [illegible] prof. D.F. [illegible] stomatologicheskogo fakul'teta i [illegible] meditsinskogo instituta [illegible] prof. V.D. Brutskus'.

PAVLOVSKIY, D.P. (Kiyev)

Venous thrombosis and fatal pulmonary artery thromboembolism.
Arkh. pat. 25 no.8:70-77 '63 (MIRA 17:4)

1. Iz kafedry khirurgii (zav. - prof. D.F. Skripnichenko) stomatologicheskogo fakul'teta i kafedry patologicheskoy anatomii (zav. - zasluzhennyy deyatel' nauki prof. Ye.I. Chayka) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akademika A.A. Bogomol'tsa.

PAVLOVSKIY, D. .

State of the [illegible] system and the use of [illegible] plants in patients with [illegible]. Khirurgiia [illegible] 145-152 F '[illegible]. (MIR: 17:7)

1. Kafedra [illegible] (zav. - prof. [illegible]) stomatologicheskogo fakul'teta Kuybyshevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akademika A.A. Bogomol'tsa.

PAVLOVSKIY, D.P.; KORVATSKIY, B.G.

Functional state of the coagulating, anticoagulating and fibrinolytic system of the blood in thyrotoxicosis. Vrach. delo no.12:46-50 D '63. (MIRA 17:2)

1. Kafedra khirurgii (zav. - prof. D.F. Skripnichenko) stomatologicheskogo fakul'teta Kiyevskogo meditsinskogo instituta.

PAVLOVSKIY, D.S. (g.Kuybyshev)

New wage system in action. Zhel.dor.transp. 43 no.6:58-60 Je '61. (MIRA 14:7)
(Railroads--Salaries, pensions, etc.)

BELKIN, Yu.L., inzh.; PAVLOVSKIY, D.Ya., inzh.; SOROKIN, Ye.M., inzh.; KARAKOVA, N.I., inzh.; SOLDATENKOV, S.I., inzh.; BARSUKOV, A.F., red.; PECHENKIN, I.V., tekhn.red.

[New tractors and agricultural machinery; results of tests conducted in 1957] Novye traktory i sel'skokhoziaistvennye mashiny; rezul'taty ispytanii 1957 goda. Moskva, M-vo sel'skogo khoz.SSSR. No.1. 1959. 277 p. (MIRA 13:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Tractors) (Agricultural machinery)

PAVLOVSKIY, D.YA.

Windbreaks, Shelterbelts, Etc.

New cultivator for inter-row tillage in nurseries, shelterbelts, Etc.
Les i step' no.3, 1952.

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

PAVLOVSKIY, B.

Younger brother of coal. IUn.tekh. 3 no.9:36-37 S '58. (MIRA 11:10)
(Peat)

PAVLOVSKIY, E. N.

"Basic methods of studying the natural foci of diseases." p. 35

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, no. 1 254pp.

Pavlovskiy, E. S.

Kompaneets, A. S.; and Pavlovskii, E. S. The self-consistent field equations in an atom. Soviet Physics. JETP 4 (1957), 328–336.

Following a method first used by Dirac (Proc. Cambridge Philos. Soc. 26 (1930), 376–385) an effective Hamiltonian is derived from the Hartree-Fock self-consistent field equations, which commutes with the density matrix. A suitable Fourier representation of this vanishing commutator is expanded such that the zeroth approximation is the quasi-classical limit which gives exactly the Thomas-Fermi equation. To the next approximation, the first correction (of order $Z^{-2/3}$) is found to satisfy a linear inhomogeneous second order differential equation and contains the well-known exchange correction first found by Dirac (loc. cit.) as well as an additional small "quantum correction". On the basis of this result other methods of improving the Thomas-Fermi approximation are cri-

A. Rohrlich (Iowa City, Iowa).

ACCESSION NR: AP4025951 S/0056/64/046/003/1142/1146

AUTHOR: Lyubimov, V. A.; Pavlovskiy F. A.

TITLE: Measurement of ionizing ability of particles in a spark chamber

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 46, no. 3, 1964, 1142-1146

TOPIC TAGS: spark chamber, particle ionizing ability, inert gas chamber, effect of additive, sensitive chamber time, spark track inclination, track brightness

ABSTRACT: The sensitive time of a spark chamber with a large (30 cm) interelectrode spacing was investigated and was found to be large (tens of microseconds) when the chamber was filled with a pure inert gas, whereas a small additive of air, propane, or alcohol strongly reduces the sensitive time. The spark discharge was observed to have a structure consisting of characteristic bunches, with a staircase form for inclined tracks. The appearance of the discharge depends on the delay of the high voltage pulse, with the number of bunches decreasing with increase in delay or with increase of the amount of additive for constant delay time. Certain hypotheses to explain this structure were advanced and tested

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ACCESSION NR: AP4025951

directly by measuring the ionizing ability of particles in a spark chamber. It is shown that tracks of particles with different ionizing abilities continue to differ in brightness even when the track structure becomes too fine to discern the details. "The authors are grateful to Academician A. I. Alikhanov who suggested the work, to Yu. V. Galaktionov for a discussion of the results and for assistance in the measurements, and to F. A. Yech for assistance in the measurements. Orig. art. has: 4 figures.

ASSOCIATION: Institut teoreticheskoy i eksperimental'noy fiziki (Institute of Theoretical and Experimental Physics)

SUBMITTED: 11Dec63 DATE ACQ: 16Apr64 ENCL: 02

SUB CODE: PH, SD NR REF SOV: 000 OTHER: 001

Card 2/4

LEVINTOV, I.I.; PAVLOVSKIY, F.A.

Attempt to detect the polarization of recoil nuclei in stripping reactions. Zhur.eksp.i teor.fiz. 44 no.5:1442-1444 My '63. (MIRA 16:6)

1. Institut teoreticheskoy i eksperimental'noy fiziki.
(Nuclear reactions) (Polarization (Nuclear physics))

L 25390-65 EWT(m) IJP(c)

ACCESSION NR: AP5002146 S/0120/64/000/006/0051/0052

AUTHOR: Lyubimov, V. A.; Pavlovskiy, F. A.

TITLE: Increasing the effective volume of a spark-discharge chamber having a large interelectrode gap B 19

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1964, 51-52

TOPIC TAGS: spark discharge chamber

ABSTRACT: To reduce the fringe effects in a large-gap spark chamber and to make the height of the usable volume of the chamber practically equal to the magnet gap, a resistor was distributed around the entire chamber, between its electrodes; this resistor also acted as an output shunt to the impulse generator. This measure resulted in the entire volume of the chamber becoming equally effective and the particle tracks near the chamber walls were not distorted. Four photographs show the improved operation of 30--40-cm-gap chambers. Orig.

Card 1/2

L 25390-65

ACCESSION NR: AP5002146

art. has: 4 figures.

ASSOCIATION: Institut teoreticheskoy i eksperimental'noy fiziki GKAE (Institute of Theoretical and Experimental Physics, GKAE)

SUBMITTED: 28Nov63 ENCL: 00 SUB CODE: NP

NO REF SOV: 001 OTHER: 002

Card 2/2

LYUBIMOV, V.A.; PAVLOVSKIY, F.A.

Increase of the effective volume of a spark chamber with a large interelectrode gap. Prib. i tekh. eksp. 9 no.6:51-52 N-D '64.
(MIRA 18:3)

1. Institut teoreticheskoy i eksperimental'noy fiziki Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy energii SSSR.

ZHUK, YA., PAVLOVSKIY, G., ZHIYANOV, I.

Grain.

Machanization of the grain cleaning work., MTS, 12, no. 1, 1952.

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

PAVLOVSKIY, G.

Industrial Recreation - Stalingrad Hydroelectric Power Station

Leisure of the builders of the Stalingrad hydroelectric power plant. Klub. 2, No. 3, 1953.

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

PAVLOVSKIY, G.I., kand.tekhn.nauk

Study of the uneven heating-up of the VR-25-1 steam turbine during starting operations. Elek. sta. 32 no.2:18-22 F '61. (MIRA 14:7)

(Steam turbines)

PAVLOVSKIY, G.I., kand.tekhn.nauk, dotsent; TOLMACHEV, V.D., inzh.

Start of a turbine with additional steam heating of the hull. Izv. vys. ucheb. zav.; energ. 7 no.3:61-66 Mr '64. (MIRA 17:4)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina. Predstavlena kafedroy obshchey teplotekhniki.

S/143/60/000/007/005/010
A189/A029

AUTHOR: Pavlovskiy, G.I., Candidate of Technical Sciences, Sheveley, ~~A.A., Engineer~~

TITLE: Heating of Bodies With Regard to Thermal Stresses

PERIODICAL: Energetika, 1960, Vol 3, Nr 7, pp 81-87

TEXT: The heating and cooling process of bodies having a regular geometric shape is analyzed and the arising thermal stresses are calculated. General relations between the thermal stresses and the difference of temperatures are derived. The derived relations are applicable to calculations of thermal stresses in bodies of any shape with a sufficient accuracy for practical use. A method is given for determining the optimum cooling conditions of bodies whose permissible thermal stresses are known. There are 4 graphs and 3 Soviet references.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina (Khar'kov Polytechnical Institute imeni V.I. Lenin);

Card 1/2

PAVLOVSKIY, G.I., kand.tekhn.nauk, dotsent; BRATUTA, E.G., inzh.

Determination of expenditure coefficients during the outflow of wet steam from a nozzle cascade. Izv. vys. ucheb. zav.; energ. 6 no.8:64-71 Ag '63. (MIRA 16:9)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina. Predstavlena kafedroy obshchey teplotekhniki.
(Steam turbines)

PAVLOVSKIY, G.I., kand.tekhn.nauk, dotsent

Additional steam heating of the cylinder of a steam turbine. Energomashinostroenie 9 no.6:40 Je '63. (MIRA 16:9)

PAVLOVSKIY, G.I.; BRATUTA, E.G.; NAKHMAN, Yu.V.

Rate of a subsonic moist-steam flow through cascades of nozzles. Inzh.-fiz. zhur. 7 no.12 79-82 D '64 (MIRA 18:2)

1. Politekhnichesky institut imeni Lenina, Khar'kov.

PAVLOVSKIY, G. I. (Kharkov polytechnical institute)

"Non-stationary heat exchange turbines exhausts."

Report presented at the Section on Thermal-physical Properties and Non-stationary Thermal Capacity, Scientific Session, Council of Acad. Sci. Ukr SSR on High Temperature Physics, Kiev, 2-4 Apr 1963.

Reported in Teplofizika Vysokikh temperatur, No. 2, Sep-Oct 1963, p. 321, JPRS 24,651. 19 May 1964.

ACC NR: AT7003560 (N) SOURCE CODE: UR/3240/66/000/001/0039/0044

AUTHOR: Pavlovskiy, G. I.

ORG: Khar'kov Polytechnic Institute (Khar'kovskiy politekhnicheskiy institut)

TITLE: Heat transfer in a double-layered plate

SOURCE: Kharkov. Politekhnicheskiy institut. Energeticheskoye mashinostroyeniye, no. 1, 1966. Teploobmen i gazodinamika (Heat transfer and gas dynamics), 39-44

TOPIC TAGS: conductive heat transfer, heat equation, heat conduction

ABSTRACT: The problem of heat transfer in a double-layered plate with layer thicknesses R_1 and R_2 is considered. The plate, initially at a temperature t_0, is heated on one side at a temperature t_2 and cooled on the other side at t_1 = const. The heat conduction equations to be solved are

$$\frac{\partial t_1(x,\tau)}{\partial \tau} = a_1 \frac{\partial^2 t_1(x,\tau)}{\partial x^2}, \quad -R_1 < x < 0$$

and

$$\frac{\partial t_2(x,\tau)}{\partial \tau} = a_2 \frac{\partial^2 t_2(x,\tau)}{\partial x^2}, \quad R_2 > x > 0$$

with the boundary conditions

$$\frac{\partial t_1(-R_1,\tau)}{\partial x} - h_1[t_1(-R_1,\tau) - t_1] = 0.$$

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ACC NR: AT7003560

and $$\frac{\partial t_2(R_2, \tau)}{\partial x} - h_2[t_2 - t_2(R_2, \tau)] = 0.$$

Ideal contact between the layers at the interface is described by

$$t_1(-0, \tau) = t_2(0, \tau)$$

and

$$k_1 \frac{\partial t_1(-0, \tau)}{\partial x} = \frac{\partial t_2(0, \tau)}{\partial x}.$$

Here

$$k_1 = \frac{\lambda_1}{\lambda_2}; \quad h_1 = \frac{\alpha_1}{\lambda_1}; \quad h_2 = \frac{\alpha_2}{\lambda_2}.$$

The problem is solved using the operational method, and expressions for the temperature field in the plate as a function of time are found for t_2 = const or varying linearly with time as $t_2 = t_0 + b\tau$. Orig. art. has: 25 equations.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 001

Card 2/2

PAVLOVSKIY, G.I., kand.tekhn.nauk

Determination of temperature difference along the diameter of the cylinder of a cooling steam turbine. Teploenergetika 10 no.4:18-21 Ap '63. (MIRA 16:3)

1. Khar'kovskiy politekhnicheskiy institut.
(Steam turbines)

PAVLOVSKIY, G.I., dotsent, kand.tekhn.nauk

Calculation of heating stresses in connection with the heating of bodies. Izv. vys. ucheb. zav.; energ. 3 no. 7:81-87 Jl '60. (MIRA 13:8)

1. Kharkovskiy politekhnicheskiy institut imeni V.I. Lenina. Predstavlena kafedroy obshchey teplotekhniki.
(Thermodynamics)

PAVLOVSKIY, G.I., kand.tekhn.nauk, dotsent; SHEVELEV, A.A., inzh.

Additional heating used as a method for eliminating thermal stresses in turbine cylinders. Izv. vys. uchab. zav.; energ. 3 no. 9:68-73 S '60. (MIRA 13:9)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina. Predstavlena kafedroy teplotekhniki.
(Steam turbines)

PAVLOVSKIY, G.I., kandidat tekhnicheskikh nauk.

Thermal stress in flange coupling bolts subjected to heat. Elek.sta. 28 no.1:26-29 Ja '57. (MLRA 10:3)
(Turbines--Testing)

PAVLOVSKIY, G.I., kand. tekhn. nauk.; SHEVELEV, A.A., inzh.

Temperature fields in flange couplings of turbines during initial heating. Energomashinostroenie 4 no.9:14-17 S '58. (MIRA 11:11)
(Steam turbines)

PAVLOVSKIY, G.I., kand. tekhn. nauk.

Faster heating of flanged turbine joints. Elek. sta. 29 no.4:19-22 Ap '58. (MIRA 11:8)
(Turbines)

[illegible], [illegible]; [illegible], [illegible].

Temperature stresses in the flanged joints of steam turbines.
[illegible] 29 no.[illegible] '6[illegible].
(Steam turbines)
(Thermal stresses)

PAVLOVSKIY, G.I.

Heat conduction in a two-layered plate under boundary conditions of the third kind. Inzh.-fiz.zhur. 5 no.4:86-88 Ap '62. (MIRA 15:4)

(Boundary value problems) (Heat--Conduction)

PAVLOVSKIY, G. I.

"Regularization of heat processes in steam turbines."

Report presented at the 1st All-Union Conference on Heat- and Mass- Exchange, Minsk, BSSR, 5-9 June 1961

L [illegible]-67 EWT(l)/EWT(d)/ETT(m)/EWP(w)/EWP(v) IJP(c) EM
ACC NR: AP6032180 SOURCE CODE: UR/0096/66/000/010/0035/0039

AUTHOR: Pavlovskiy, G. I. (Candidate of technical sciences); Bratuta, E. G. (Engineer); Shatilov, S. P. (Engineer); Ivanovskiy, A. Yu. (Engineer)

ORG: Khar'kov Politechnical Institute imeni V. I. Lenin (Khar'kovskiy politekhnicheskiy institut)

TITLE: Study of the discharge capacity of guide vane cascades in the last stage of the K-500-240 KhTGZ turbine

SOURCE: Teploenergetika, no. 10, 1966, 35-39

TOPIC TAGS: guide vane, turbine, discharge capacity, cascade, discharge coefficient, subsonic flow, supersonic flow, wet steam/K-500-240 turbine

ABSTRACT: An experimental determination was made of the discharge coefficient of the flow of superheated and wet steam at the plane cascades of a guide vane at the last stage of a K-500-240 KhTGZ turbine at actual M and Re numbers. It was found that at subsonic flow rates the discharge coefficient decreases with an increase in the pitch/chord ratio, apparently as the result of the increasing difference between the actual and effective flow exit angles. At

Card 1/2 UDC: 621.165.533.6.001.5

L 09892-67
ACC NR: AP6032180

supersonic flow rates, the dependence of discharge capacity on the magnitude of the pitch/chord ratio was found to be rather weak, probably owing to the close agreement between the actual and effective flow exit angles. Orig. art. has: 5 figures. [Based on authors' abstract]

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 008/

PAVLOVSKIY, G.M., inzh.; KRUPNIK, I.A., inzh.

Efficient sizing of economical wondow frame sections and the mechanization of labor-consuming operations on small-shape mills. Stal' 22 no.12:1099-1102 D '62. (MIRA 15:12)

1. Dnepropetrovskiy metallurgicheskiy zavod im. Kominterna.
(Rolling mills—Equipment and supplies)

KOZHUKHOVSKIY, I.Ye.; PAVLOVSKIY, G.T.

The VIM-VSM-20 grain cleaning machine. Biul.tekh.-ekon.inform. no.5:53-54 '58. (MIRA 11:7)
(Grain-handling machinery)

S/143/60/000/009/005/006
A189/A026

AUTHORS: Pavlovskiy, G.I., Candidate of Technical Sciences, Docent; Shevelev, A.A., Engineer

TITLE: Additional Heating-Up as a Method of Eliminating Thermal Stresses in a Turbine Cylinder

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Energetika, 1960, No. 9, pp. 68 - 73

TEXT: This is a report on tests carried out with a full-size model of a turbine cylinder, in order to check the effectiveness of an additional heating-up in the elimination of thermal stresses. The cylinder model was heated as high as 300°C, with overheated steam flowing into the cylinder at 3 - 4 atmosphere pressure and temperature and stress distribution of the cylinder and the flange surfaces was measured. The results indicate the possibility of a total elimination of thermal stresses in the turbine cylinder by increasing the temperature of the flange connection to that of the cylinder wall. This can be achieved by regulating the amount of steam flowing for the additional heating-up of the flanges. There are 7 figures and 1 Soviet reference.

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S/143/60/000/009/005/006
A189/A026

Additional Heating-Up as a Method of Eliminating Thermal Stresses in a Turbine Cylinder

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina (Khar'kov Polytechnical Institute imeni V.I. Lenin)

PRESENTED: Kafedra teplotekhniki (Department of Heat Engineering)

SUBMITTED: February 26, 1960

Card 2/2

PAVLOVSKIY, G.T., kand.tekhn.nauk

Technology of the continous processing of grain after harvesting. Mekh. i elek. sots. sel'khoz. 19 no.2:13-15 '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva.
(Grain--Cleaning) (Grain--Drying)

PAVLOVSKIY, Georgiy Trifonovich; TOCHILINA, L.V., red.; DORODNOVA, L.A., tekhn. red.

[Grain cleaning] Ochistka zerna. Moskva, Proftekhizdat, 1963. 86 p. (MIRA 16:10)
(Grain--Cleaning)

1. PAVLOVSKIY, O. P.

2. USSR (600)

7. "A Method of Bacteriological Seedings on a Single Petri Dish", Voyenno-Meditsinskiy Zhurnal, No 7, 1951, p 75.

9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1951, pp 121-132. Unclassified.

PAVLOVSKIY, G.T.

Method of preparing bacteriological specimens for electron microscopy. Mikrobiologiia 32 no.6:704-706 N-D '53. (MLRA 6:12)

1. Elektronnoopticheskaya laboratoriya Voyenno-meditsinskoy akademii im. S.M.Kirova.

(Electron microscope)

PAVLOVSKIY, G.T.

USSR/Virology - Human and Animal Viruses. E-3

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14545

Author : Pavlovskiy, G.T.
Inst :
Title : Morphology of Grippe Virus From Electron Microscopy Data.

Orig Pub : Ezhegodnik, In-t eksperim. med. Akad. med. nauk SSR, 1955, L., 1956, 401-404

Abstract : Details are described and defined (determination of lowest working dose of erythrocytes, removal of salts and other admixtures from the preparations, preparation of research items) for utilizing hemolysed erythrocytes as adsorbents in the electron microscopic study of grippe virus. It was shown that the virus content of erythrocytes may range from a maximum number of particles down to their total absence. In some preparations shadows of a web were found connecting virus particles to one another. Virus particles were found in preparations from pharynx washings

Card 1/2

PAVLOVSKIY, G.T.

PAVLOVSKIY, G.T.; SOKOLOVA, N.M.

Studying the morphological characteristics of tuberculosis bacteria with an electron microscope. Probl.tub. no.3:61-65 My-Jy '55 (MLRA 8:8)

1. Iz otdela virusologii (zav.-chlen-korrespondent AMN SSSR A.A. Smorodintsev) Instituta eksperimental'noy meditsiny AMN SSSR i Gosudarstvennogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (dir.-deystvitel'nyy chlen AMN SSSR prof.P.G.Kornev).

(MYCOBACTERIUM TUBERCULOSIS,
morphol., lectron microscopy exam.)
(MICROSCOPE, ELECTRON,
of M. tuberc. morphol.)

PAVLOVSKIY, G. T.

"Phaso-contrasting microscopy in the diagnosis of grippe."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

PAVLOVSKIY, G.T.

Rhinocystoscopic diagnosis of influenza. Vop. virus. 5 no. 2:151-155 My-S '60. (MIRA 14:4)

1. Otdel virusologii Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.

(INFLUENZA)

PAVLOVSKIY, G.T.

Vacuum apparatus for tinting with metals preparations studied by means of the electron microscope. Lab. delo 6 no.4:50-52 Jl-Ag '60.
(MIRA 13:12)

1. Otdel virusologii Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.

(VACUUM APPARATUS) (STAINS AND STAINING (MICROSCOPY))

PAVLOVSKIY, G.[illegible]; GORCHAKOVSKAYA, A.E.

Methodology for rhinocytodiagnosis of influenza. Sov. med. 28 no.9:60-63 S '65. (MIRA 18:9)

1. Otdel virusologii Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.

KOZHUKHOVSKIY, Ivan Yevdokimovich; PAVLOVSKIY, Georgiy Trofimovich; PESTRYAKOV, A.I., red.; BALLOD, A.I., tekhn. red.

[Mechanization of grain cleaning and drying] Mekhanizatsiia ochistki i sushki zerna. Moskva, Sel'khozizdat, 1963. 342 p. (MIRA 17:1)

(Grain--Cleaning) (Grain--Drying)

PAVLOVSKIY, I.G.

Operation of diesel locomotives on lengthened overlapping haul distances. Zhel.dor.transp. 43 no.8:53-57 Ag '61. (MIRA 14:8)

1. Nachal'nik Rtishchevskogo otdeleniya Privolzhskoy dorogi.
(Railroads—Management)

PAVLOVSKIY, I.N.

Making seamer rollers. Kons. i ov. prom. 13 no.1:12-13 Ja '58.
(MIRA 11:2)

1. Konservnyy kombinat v stanitse Krymskoy.
(Canning industry--Equipment and supplies)

PAVLOVSKIY, I.N.

Russian tin-can making machinery for the food industry. Kons. i ov. prom. 14 no.9:5-6 S '59. (MIRA 12:12)

1.Simferopol'skiy zavod prodovol'stvennogo mashinostroyeniya imeni Kuybysheva.
(Simferopol'--Canning industry--Equipment and supplies)
(Tin c[illegible])

PAVLOVSKIY, I. O.

Effect of nucleic acids on the enzymic function of proteins. O. P. Chepinoga and I. O. Pavlovskiĭ (Inst. Biochem., Acad. Sci. Ukr. S.S.R., Kiev). *Ukrain. Biokhim. Zhur.* 28, 299–305(Russian summary, 309–9)(1956).—The physiol. role of nucleic acids and the significance of the complex formation between [illegible] and proteins are studied with special reference to the const. and close contact between the two substances in enzymic [illegible]. Recrystd. muscle protein prepns. aldolase and enolase undergo a reversible inhibition on their union with nucleic acids and in particular with the highly polymerized deoxyribonucleic acid (I). The temporary union of aldolase with the complex does not effect its denaturation and does not essentially affect its physicochem. properties. NaCl in certain concns. is important, since a *M* soln. of it markedly inhibits the enzymic activity of the proteins, and thus it is in competition with I. The authors are unable to enumerate with certainty the groupings of protein mols. participating in the complex formation which substantially reduce their enzymic activity. Preliminary spectrophotometric observations make possible the assumption that they are not cyclic amino acids. There may be reversible aggregation changes of protein particles as a result of their combination with nucleic acids, since a well-defined inhibition of enzymic activity is observed in the high mol. wt. I and practically no inhibition with ribonucleic acid. X-irradiation of animals or of solns. of protein prepns. does not change quantitatively the effect of nucleic acids, but lowers its rate. This can be regarded either as a partial change of sections of the protein macromol. or as shifts in the direction of the ionization of the medium. There is some physiol. importance to the phenomenon of complex formation between proteins and nucleic acids, especially with the highly polymerized I, and the regulation of the enzymic process of the organism is one of the biological functions of I. —H. S. Levine

Inst. Biochem., AS Ukr SSR, Kiev.

PAVLOVSKIY, I.S. (Odessa)

Panel indicating physicians' reception hours in the polyclinic.
Sovet. zdravookhr. 5832-33 '63 (MIRA 17:2)

PAVLOVSKIY, I. V.

Pavlovskiy, I. V. "Investigation of Air Currents in Dusters," Sel'khozmashina, no. 4, 1952, pp. 11-12. 58.8 Sel2

So: SIRA - 90-53, 15 Dec 1953

PAVLOVSKIY, I.V., kandidat tekhnicheskikh nauk

The OKP-15 combined spraying machine. Sel'khozmashina no.5:13-14 My '55. (MLRA 8:6)
(Spraying and dusting equipment)

PAVLOVSKIY, I.V., kandidat tekhnicheskikh nauk.

Analyzing the load capacity of manure spreaders. Sel'khozmashina no.10:13-15 O '56. (MLRA 9:12)
(Fertilizer spreaders)

PAVLOVSKIY, I.V., kand. tekhn. nauk.

Elements in the theory of beaters on tractor-drawn fertilizer spreaders. Sel'khozmashina no.9:7-8 S '57. (MLRA 10:9)
(Fertilizer spreaders)

PAVLOVSKIY, I.V.

Using ammonia water as fertilizer. Biul.tekh.-ekon.inform. no.3:54-55 '58. (MIRA 11:4)

(Fertilizers and manures)

PAVLOVSKIY, I.V.

Universal tractor-semitrailer manure spreaders. Biul.tekh.-ekon. inform. no.5:59-60 '58. (MIRA 11:7)
(Fertilizer spreaders)

PAVLOVSKIY, I.V.

The SPU-40 mixer and loader. Biul.tekh.-ekon.inform. no.6:62-64 '58. (MIRA 11:8)
(Agricultural machinery)

PAVLOVSKIY, I.V., kand.tekhn.nauk

Performance analysis of machines for the application of liquid fertilizers. Trakt. i sel'khozmash. 8:34-36 Ag '58. (MIRA 11:8)
(Fertilizer spreaders)

PAVLOVSKIY, I.V., kand.tekhn.nauk

Theoretical principles of the disk-type fertilizer spreader. Trakt. i sel'khozmash. no.12:22-24 D '58. (MIRA 11:12)
(Fertilizer spreaders)

PAVLOVSKIY, I.V.

Mechanized storage of liquid nitrate fertilizers. Biul.tekh.-ekon.inform. no.1:62-64 '59. (MIRA 12:2)
(Fertilizers and manures--Preservation and storage)

PAVLOVSKIY, I.V., kand.tekhn.nauk

System of machinery for applying liquid ammonia to the soil. Trakt. i sel'khozmash. 32 no.4:34-36 Ap '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya.
(Ammonia as fertilizer)

PAVLOVSKIY, I.V.

The GAN-8 herbicide and ammonium spraying machine. Biul.tekh.-ekon.-inform. no.11:74-76 '61. (MIRA 14:12)
(Spraying and dusting equipment)

GUBRENKO, Ivan Mefod'yevich; KUCHUMOV, Yevgeniy Vladimirovich; PAVLOVSKIY, I.Ye., red.

[Automatic loudspeaker telephone using transistors] Gromkogovoriashchii telefon-avtomat na poluprovodnikakh. Leningrad, 1965. 48 p. (MIRA 18:7)

KUCHERYAVYY, Ye.I.; PAVLOVSKIY, I.Ye.; POLYAK, P.Yu.; FARAFONOV, L.S., otv. red.; PETROVA, V.Ye., red.; DIKOV, V.N., tekhn. red.

[Group connection of telephone lines] Kollektivnoe vkliuchenie telefonnykh linii. Informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 135 p. (MIRA 14:9)

1. Nauchno-issledovatel'skiy institut gorodskoy i sel'skoy telefonnoy svyazi Ministerstva svyazi SSSR (for Kucheryavyy, Pavlovskiy, Polyak).

(Telephone lines)

Pavlovskiy Igor' Ye.

KOBLENTS, Yakov Germanovich; PAVLOVSKIY, Igor' Yevgen'yevich; GOLUBTSOV, I.Ye., otvetstvennyy red.; ANDREYENKO, Z.D., red.; MAZEL', Ye.I., tekhn. red.

[Noncontact switching and electronic dial office] Beskontaktnaia kommutatsiia i elektronnye ats; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 163 p.
(Telephone, Automatic) (MIRA 11:7)

PAVLOVSKIY, L.G., inzh.; KHOREV, V.A., inzh.

Concerning the article by S.A. Petrov and V.G. Zil'bershmidt. Shakht. stroi. 8 no.8:29 Ag '64. (MIRA 17:9)

1. TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut tsvetnykh, redkikh i blagorodnykh metallov.

ZDOROV, V.M.; PAVLOVSKIY, L.G.; TARASOV, L.Ya., otv. red.; DONTSOVA, S.A., red.; POLYAKOV, M.G., tekhn. red.

[Electric cap and fuse blasting]Elektroognevoi sposob vzryvaniia. Moskva, Otdel tekhn.informatsii, 1959. 60 p. (MIRA 15:7)

(Blasting)

PAVLOVSKIY, L.G., kand.tekhn.nauk; POZDNYAKOV, Z.G., kand.tekhn.nauk

Results of industrial testing of the low-hygroscopicity explosive, "noritol." Vzryv.delo no.44/1:58-64 '60. (MIRA 13:7)
(Explosives--Testing)

PAVLOVSKIY, L.G.; ZDOROV, V.M.

Standardizing the consumption of explosives in metal mines. Biul. TSIIN tsvet. met. no.1:3-6 '58. (MIRA 11:4)
(Mining engineering) (Explosives)

PAVLOVSKIY, L. G.

Preservative paste for impregnation of green mine timbers. L. G. Pavlovskii. U.S.S.R. 106,718, July 25, 1957. The paste contains NaF, dinitrophenol, calcined soda, $K_2Cr_2O_7$, and a clay-bitumen adhesive mix. To hasten diffusion of the paste into the wood, diffusion promoters, such as $(NH_4)_2HPO_4$ or $(NH_4)_2SO_4$, are added.

M. Hoseh

PAVLOVSKIY, L.G.; TIKHOMIROV, A.P.

Industrial testing of explosives. Shakht. stroi. no.7:22-24 '59.
(MIRA 12:10)

1.TSentral'nyy nauchno-issledovatel'skiy gorno-razvedochnyy institut.
(Mining engineering) (Explosives)

PAVLOVSKIY, L.L.

Calculation of the conditions for drying coatings by infrared rays. Lakokras. mat. i ikh prim. no.3:43-45 '61. (MIRA 14:6)
(Protective coatings--Drying)

PAVLOVSKIY, L.L.; LIBERMAN, A.B.

Effect of the method of the surface preparation of the product on the value of the coefficient of metal absorption in radiant heat drying of coatings. Lakokras.mat.i ikh prim. no.2:46-47 '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut tekhnologii lakokrasochnykh pokrytiy.

(Protective coatings--Drying)

VERBA, M.I., kand.tekhn.nauk; LEONCHIK, B.I., kand.tekhn.nauk; PAVLOVSKIY, L.L., inzh.

Determination of optimum conditions for the drying of paint coatings. Izv. vys. ucheb. zav.; energ. 5 no.3:76-80 Mr '62. (MIRA 15:4)

1. Moskovskiy ordena Lenina energeticheskiy institut. Predstavlena kafedroy sushil'nykh i teploobmennykh ustroystv.
(Protective coatings)

LEONCHIK, B.I.; PAVLOVSKIY, L.L.

Infrared radiation generators with electric heating for radiant heat dryer systems. Lakokras.mat.i ikh prim. no.6:61-66 '62. (MIRA 16:1)

1. Moskovskiy energeticheskiy institut i Nauchno-issledovatel'skiy institut tekhnologii lakokrasochnykh pokrytiy.
(Infrared drying apparatus)

PAVLOVSKIY, L.L.; Prinimali uchastiye: MATYUK, F.M.; GOGOLINA, L.I.; SERGUNINA, V.A.; SIDORINA, N.I.; LIBERMAN, A.B.; ROMANOVA, L.V.; PROTSENKO, T.V.; YAKUNINA, L.G.

Selecting the optimum system for drying paint coatings in thermosetting dryers. Lakokras.mat. i ikh prim. no.2:45-48 '64. (MIRA 17:4)

PAVLOVSKIY, L.L.

Empiric formula for calculating the parameters of the conditions of thermal radiation drying of lacquer coatings. Lakokras.mat.i ikh prim. no.5:46-49 '62. (MIRA 16:1)
(Paint--Drying)

S/081/61/000/022/073/076
B144/B138

AUTHOR: Pavlovskiy, L. L.

TITLE: Permeability of varnish and paint films to infrared rays and their absorption coefficient on drying by heat radiation

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 478, abstract 22P240 (Lakokrasochn. materialy i ikh primeneniye, no. 1, 1961, 57 - 60)

TEXT: Schemes are given and experimental arrangements described, for use in the study of the permeability of varnish and paint films to IR rays and for determining their absorption coefficients Urea-formaldehyde, melamine alkyd, and alkyd enamel films, which were studied under IR irradiation from sources with temperatures of 350 - 600°C, were found to be practically transparent. At 20 - 80μ film thickness, the greater part of the incident radiant energy (>70%) passes through them. Variations in permeability are negligible (~10%) at radiation temperatures of 350 - 600°C. Radiation sources should be chosen with temperatures of 450 - 600°C, if a coating of fast color is required. The absorption

Card 1/2

Permeability of varnish and paint ... S/081/61/000/022/073/076
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coefficients are more or less the same for films of different varnishes and paints. [Abstracter's note: Complete translation.]

Card 2/2

PAVLOVSKIY, L.L.; MATYUK, F.M.; SIDORINA, N.I.

Optimum conditions for drying enamels by heat radiation.
Trakt. i sel'khozmash. 31 no.7:40-41 Jl '61. (MIRA 14:6)
(Enamel and enameling)

PAVLOVSKIY, L.L.

Permeability of paint films to infrared rays and their absorption coefficient in the course of drying by thermal radiation. Lakokras. mat.i ikh pr. . no.1:57-60 '61. (MIRA 14:4)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya Vsesoyuznoy proizvodstvennoy kontory "Lakokraspokrytiye".
(Paint--Drying)

PAVLOVSKIY, L.L.

Method of determining the optimum regimes for thermal radiation drying of varnish and paint coatings. Lakokras.mat. i ikh prim. no.4:83-87 '60. (MIRA 13:10)

(Protective coatings--Drying)

PAVLOVSKIY, L. L.

"SOme Peculiarities of Lake and Colour Coating by Infrared Rays."

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

KL'PERIN, I. T.; ANTIPOV, V. V.; GALERSHTEYN, D. M.; PAVLOVSKIY, L. M.; KHOKHLOV, V. Z.

"Study of transfer processes in two-phase systems of suspension type with some properties of phase interaction arrangement."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

All-Union Sci Res Inst NEM

PAVLOVSKIY, L. [illegible].

"Several characteristics of the drying of lacquer-paint coatings by infra-red rays."

Report presented at the 1st All Union Conference on Heat- and Mass-Exchange, Minsk, BSSR, 5-9 June 1961

KATSNEL'SON, M.U.; PAVLOVSKIY, M.A.

Some results of the study of the pressing process of refined sugar cubes. Sakh. prom. 37 no.4:22-27 Ap '63.
(MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy i eksperimental'no-konstruktorskiy institut prodovol'stvennogo mashinostroyeniya.
(Sugar manufacture)

CHIKLEYEV, S.; PAVLOVSKIY, M. (Kemerovskaya obl.); BOCHKOV, A.; KHARITONOV, I.; ZOLOTENKOV, V. (Yakutskaya ASSR); KONOBEYEV, A. (Bazarno-Karabulanskiy rayon, Saratovskaya obl.); VOLKOV, I.; BEGELIN, S. (Omsk); NOVIKOV, P.; GRINEV, V.; SOLOPENKOV, P.; ALEKSEYEV, K.; TOLKOV, I. (Rostovskaya obl.); KOSTENKO, P.; NOVIKOV, A., instruktor profilaktiki (Shumerlya, Chuvashskaya ASSR)

Reader's letters. Pozh. delo 9 no.11:30-31 N '63.
(MIRA 17:1)

1. Nachal'nik pozharnoy okhrany Klinskogo kombinata, Klin, Moskovskaya obl. (for Chikleyev). 2. Vneshtatnyy pozharnyy inspektor, predsedatel' Simferopol'skogo rayonnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Alekseyev). 3. Nachal'nik otdela Gosudarstvennogo pozharnogo nadzora, Sverdlovsk (for Kostenko).

PAVLOVSKIY, M. A.

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Agriculture

L 34307-66 EWT(d)/FSS-2/EEC(k)-2 BC

ACC NR: AP6022058 SOURCE CODE: UR/0146/66/009/003/0079/00

AUTHOR: Pavlovskiy, M. A.

ORG: none

TITLE: Feasibility of using a vertical gyro during its erection

SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 3, 1966, 79-84

TOPIC TAGS: gyro, vertical flight gyroscope, gyroscope

ABSTRACT: In the usual design of three-degree-of-freedom vertical gyroscopes, if the gyromotor is started with the gimbals uncaged, the gimbal axes will undergo nutational oscillations as the motor is coming up to speed. These oscillations can take up to several dozen seconds to damp out, which delays the ready time of the gyro. The author shows that if the uncaging of the gimbals is delayed for a short time after startup, the oscillations will be negligible and settling time will be greatly shortened. Experimental data on a type DK-6M vertical gyro showed that in the best case, when uncaging was delayed by 0.8 second, settling of the gimbals was obtained in about 3 seconds, or 1/8 the normal time. In general the optimum delay time

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will not exceed 1 second. For his analysis the author derived a simplified system of equations which proved to be adequate for the task at hand. Orig. art. has: . figures, 14 formulas, and 3 tables.
[SH]

SUB CODE: 17/ SUBM DATE: 01Jun65/ ORIG REF: 003/ ATD PRESS: 5030

Card 2/2 30

PAVLOVSKIY, M.M.; MAKAROV, D.V.

Refining of highly unsaturated distillates over alumimosilicate catalysts. Trudy Inst.nefti 13:241-249 '59. (MIRA 13:12)
(Gasoline)