"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BOYEV, Sergey Nikolayevich, akademik; SOKOLOVA, Iya Borisovna; PANIN, Viktor Yakovlevich; POGOZHEV, A.A., red.; RORKINA, Z.P., tekhn. red.

[Helminths of Ungulata in Kazakhstan in two volumes] Gel'minty kopytnykh zhivotnykh Kazakhstana v dvukh tomakh. Alma-Ata, Izd-vo AN Kaz.SSR. Vol.2. 1963. 535 p. (MIRA 16:10)

1. AN Kaz.SSR (for Boyev).
(Kazakhstan--Parasites--Ungulata)
(Kazakhstan--Worms, Intestinal and parasitic)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.K.

Problem of uniformity of the field of irradiation with the RUM-3 apparatus and 3-BPM-200 tubes. Med.rad.2 no.2:77-78 Mr-A '57. (MLRA 10:7)

(ROENTGENOLOGY, aparatus and instruments, for uniformity of field of irradiation (Rus))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.K.

Use of chemical systems in dosimetry. Med. rad. 4 no.4:78-81 Ap '59. (MIRA 12:7)

(RADIATIONS,
dosimetry, chem. methods, review (Rus))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.K.

Investigation of an aqueous solution of chloroform as a dosimeter for X and γ-radiations. Med. rad. 5 no.4:68-72 Ap '60. (MIRA 13:12)

(RADIATION--MEASUREMENT)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.K.

Some chemical methods of dosimetry in the field of small doses. (MIRA 15:8)
Med.rad. no.5:69-72 '62.
(RADIATION--DOSAGE)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

[illegible]

[illegible] AP4040446 [illegible]

[illegible]: Afanasiyev, V. P.; Keirim-Markus, I. B.; Kovalev, [illegible]; [illegible] S.; Sakovich, V. [illegible]; [illegible], L. [illegible]; [illegible]

[illegible]: [illegible] field for the irradiation of animals with high-[illegible] protons

[illegible]: Radiobiologiya, v. 4, no. 5, 1964, 773-781

[illegible]: corpuscular radiation, high energy proton, radiation dosimetry, synchrocyclotron

[illegible]: The authors provide detailed specifications for the [illegible] of animals to high-energy corpuscular radiation. Using multiple diffusion of protons in absorbers, it is possible to create a sufficiently large field of proton radiation a few meters from the absorber which will meet the requirements of biological experiments. [illegible] and ferrosulfate dosimeters are useful for measuring [illegible] of protons in the 100—700-Mev range. [illegible] radiation it is possible to create uniform tissue [illegible] in

[illegible] 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I. K., STUKINA, L. E., AFANAS'YEV, V. P., KEYRIM-MARKUS, I. B., KUZNETSOVA, S. S., LITVINOVA, E. G.,

"Production and investigation of dose fields for irradiation of experimental animals with protons of high energy"

report to be submitted for the Symposium on Biological Effects of Neutron Irradiations (IAEA), Upton Long Island, N. Y., 7-11 Oct 63.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.Kh.; BELYAKOVA, N.F.

Experience in the prophylactic work of the First Polyclinical Division of the N.F. Filatov Consolidated Pediatric Hospital in Petrograd District, Leningrad. Vop. okhr. mat. i det. 6 no. 1:84-86 Ja '61. (MIRA 14:4)

1. Glavnyy vrach 1-go poliklinicheskogo otdeleniya Ob"yedinennoy detskoy bol'nitsy imeni N.F. Filatova petrogradskogo rayona Leningrada (for Sokolova). 2. Zamestitel' glavnogo vracha po poliklinicheskomu otdeleniya Ob"yedinennoy detskoy bol'nitsy imeni N.F. Filatova petrogradskogo rayona Leningrada (for Belyakova).

(LENINGRAD—PRENATAL CARE)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

PUCHKOV, B.I.; RAKHSHTADT, A.G.; ROGEL'BERG, I.L.; prinimali uchastiye: ALEMARINA, G.A.; SOKOLOVA, I.M.

Anisotropy of the elasticity limit of industrial copper spring alloys. TSvet. met. 35 no.6:67-70 Je '62. (MIRA 15:6)
(Copper alloys--Testing) (Elasticity)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

PUCHKOV, B.I.; RAKHSHTADT, A.G.; ROGEL'BERG, I.L.; SOKOLOVA, I.M.

Effect of plastic deformations and heat treatment on the anisotropy of beryllium bronze hardening and recovery. Issl. splav. tsvet. met. no.4:224-232 '63. (MIRA 16:8)

(Beryllium bronze—Hardening)
(Deformations (Mechanics))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.N.; KHODOROVA, R.P.

Blood changes in the acute stage of poliomyelitis [with summary in English]. Pediatriia 36 no.2:60-64 F '59. (MIRA 12:4)

1. Iz Ryazanskogo meditsinskogo instituta imeni akademika I.P. Pavlova (zav. kafedroy detskikh bolezney - prof. R.A. Patushinskaya; glavnyy vrach Ryazanskoy oblastnoy klinicheskoy bol'nitsy imeni N.A. Semashko B.N. Shirokov).

(POLIOMYELITIS, blood in changes in acute stage (Rus))

(BLOOD, in various dis. polio., changes in acute stage (Rus))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

NAGRODSKIY, I.A.; SOKOLOVA, I.N.

Resin and ash content of woodpulp and its effect on the transparency of viscose solutions. Bum. prom. 33 no.8:2-3 Ag '58. (MIRA 11:10)

1. TSentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti.
(Viscose) (Woodpulp)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

MEOS, A.I.; SOKOLOVA, I.N.

Effect of the moisture content of cellulose on the extent of its xanthation. Khim. volok. no.2:33-35 '59. (MIRA 12:9)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova.
(Cellulose) (Viscose)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.N., inzh.

How to evaluate correctly the work of railroad business accounting enterprises. Zhel. dor. transp. 40 no.1:23-27 Ja '58. (MIRA 11:1)

(Railroads--Accounts, bookkeeping, etc.)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.N., inzh.

Practice of financing railroad departments on the basis of ton-kilometers gross weight. Trudy MIIT no.119:129-157 '59. (MIRA 12:11)
(Railroads--Finance)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BERNDT, N.V., inzh.; DANILOV, V.I., inzh.; SOKOLOVA, I.N., inzh.; VASIL'YEVA, N.N., tekhn. red.

[Production and financial plan of a railroad division] Proizvodstvenno-finansovyi plan otdeleniia zheleznoi dorogi. Moskva, Transzheldorizdat, 1963. 146 p. (MIRA 16:8)
(Railroads--Management)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

YAKOVLEVA, O.S., kand.pedagogicheskikh nauk; GORDETSOVA, V.I., uchitel'nitsa shkoly (Leningrad); KHASSO, K.A., uchitel' shkoly (Leningrad); SOKOLOVA, I.N., uchitel'nitsa shkoly (Leningrad)

Biology lessons without homework. Biol.v shkole no.2:30-35 Mr-Ap '60. (MIRA 13:8)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut imeni A.I.Gertsena (for Yakovleva).
(Biology--Study and teaching)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SEKOLOVA, I N

USSR/Geophysics - Ship oscillations

Card 1/1

Author : Sokolova, I. N. and Grigorash, Z. K.

Title : Vertical oscillations of the center of gravity of a ship moving with constant speed on a progressive wave

Periodical : Izv. AN SSSR, Ser. geofiz. 3, 280-287, May/Jun 1954

Abstract : Treats the problem concerning the vertical oscillations of the center of gravity of a ship of the Michell type, which is moving with constant speed along the surface of a heavy infinitely deep fluid covered by progressive waves. In the solution of the problem use is made of the theory of Newtonian potential of a simple layer. In the problem the author investigates the vertical oscillations of the centroid of the ship as a function of the length of the traveling wave. Two references, Soviet, 1937-1939.

Institution : Marine Hydrophysics Institute, Acad Sci USSR

Submitted : September 18, 1953

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

14-57-6-12087

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6, p 61 (USSR)

AUTHORS: Dmitriyev, A. A., Sokolova, I. N.

TITLE: An Appraisal of Wind Velocity and Profile Change in the Winds Passage From Land to Sea (Skhema otsenki izmeneniy skorosti i profilya vetra pri perekhode s sushi na more)

PERIODICAL: Tr. Morskogo gidrofiz. in-ta AN SSSR, 1954, Vol 4, pp 87-93

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I. N.

"Hydrodynamic Vibrator on an Irregular Wave." Sub 21 Dec 51, Marine Hydrophysics Inst, Acad Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. [illegible], 9 May 5[illegible].

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I. N.

"Experimental Appraisal of the Amplitudes of Oscillations of Bodies in Irregular Waves," Tr. Morskoy Gidrofizicheskiy Instituta, AS USSR, No.5, 1955

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I.N.

The static moment deflecting the ship on a wave. Izv.AN SSSR Ser.geofiz. no.10:1224-1226 O '56. (MLRA 10:1)

1. Akademiyz nauk SSSR Morskoy gidrofizicheskiy institut.
(Wave mechanics) (Statics)

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10 3109

32379
S/124/61/000/012/022/038
D237/D304

AUTHOR: Sokolova, I. N.

TITLE: Plate temperature in a supersonic flow with irradiation

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 12, 1961, 89-90, abstract 12B617 (Sb. teor. rabot po aerodinamike. M., Oborongiz, 1957, 206-221)

TEXT: An approximate method of calculating the temperature of a flat plate, streamlined by a steady flow of a perfect gas, is given. The Prandtl No. for the gas is taken as constant, and the viscosity coefficient is assumed proportional to absolute temperature. Equations of a plane laminar boundary layer are written in the form given by A. A. Dorodnitsyn (Sb. teor. rabot po aerodinamike. M., Oborongiz, 1957, 140-173) and are considered for three cases of the boundary conditions (thermal equilibrium) given on the wall, with the radiant transfer of heat between the

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

32379
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D237/D304

Plate temperature in...

where T_w, T_∞ --temperature of the wall and of gas at infinity; l --length of the plate, σ --Stefan-Boltzmann constant; λ, k --coefficients of heat conductivity of the gas and the plate; x, y --coordinates along and across the plate. These conditions on the wall (y = 0) correspond to the cases of the plate of infinite heat conductivity. The boundary layer is assumed non-radiating and non-absorbing. The equation of motion is reduced by a change of variables to the Blasius equation, while the energy equation gives, by numerical methods, formulas enabling--with help of tables or graphs given by the author--an approximate determination of the wall temperature, depending on the properties of the impinging flow, for each of the three cases. The temperature of the plate of length 5 m during the motion in air at a height of 10 km with velocity of 336 m/sec. is, according to the author's calculations, equal to 263°K (stagnation temperature 279°, temperature of surrounding air 223°) in the case of infinite heat-conductivity of the plate, equal to 260° on the trailing edge for a non-conducting plate, and equal

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32379
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D237/D304

Plate temperature in...

to 271° in the absence of heat exchange. For the same conditions, but for a velocity of 1342 m/sec. (Mach. No. = 4.47), the respective temperatures are 663° (stagnation temperature 1115°), 618° and 1028°. This coefficient of drag of the plate is also calculated, and the possible influence of a more complex relation between the coefficient of viscosity and the temperature than that assumed earlier is discussed. The relation μ/μ_0 = [1 - 0.3 (1 -)] ; $\tau = T/T_0$ (T_0 --stagnation temperature) changes the wall temperature, but leads to some lowering of the drag coefficient (the lowering is more noticeable at high Mach No's), which is shown graphically by the author. The author's calculations show that irradiation increases the drag coefficient of the plate by less than 3% for Mach. No's. lower than 4.5. [Abstracter's note: Complete translation.]

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

32380
S/124/61/000/012/023/038
D237/D304

10.3300

AUTHOR: Sokolova, I. N.

TITLE: Temperature of the cone in a supersonic flow with irradiation

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 12, 1961, 90, abstract 12B618 (Sb. teor. rabot po aerodinamike, M., Oborongiz, 1957, 222-229)

TEXT: An axially symmetrical problem is considered on calculating the wall temperature of a circular cone streamlined by a conic supersonic gas flow, assuming that the surface of the cone behaves like a black-body radiator. The gas is assumed to be non-radiating and non-absorbing. Two cases of boundary conditions on the cone are discussed: the case of a non-conducting cone

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

32380
S/124/61/000/012/023/038
D237/D304

Temperature of the cone...

$$\left(\frac{\lambda}{r}\ \frac{T}{\partial\vartheta}\right)_{\vartheta=\vartheta_0} = \sigma\left(T_w^4 - T_\infty^4\right) \qquad (1)$$

and the case of a cone with infinite heat conductivity

$$\iint_S \left(\lambda\frac{\partial T}{\partial n}\right)_{n=0} ds = \iint_S \sigma\left(T_w^4 - T_\infty^4\right) ds \qquad (2)$$

(λ --coefficient of thermal conductivity of gas; T, T_w, T_∞ -- temperatures of the gas, wall, and temperature at infinity respectively; σ --Stefan-Boltzmann constant; r, ϑ --polar coordinates; ϑ_0 --semi-angle of the vertex of the cone; ds -- surface element of the cone; n --normal to the surface of the cone). On the change of variables, equations of the laminar

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOV/124-58-11-12662

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 104 (USSR)

AUTHOR: Sokolova, I. N.

TITLE: On the Subject of a Method for the Excitation of Irregular Waves in a Basin (K voprosu o metodike vozbuzhdeniya nepravil'nykh voln v basseyne)

PERIODICAL: Tr. Morsk. gidrofiz. in-ta. AN SSSR, 1957, Vol 11, pp 36-41

ABSTRACT: A comparison is made between the amplitude of the heaving motion in a regular seaway, obtained from the equation

$$\frac{d^2\zeta}{dt^2} + 2\mu\frac{d\zeta}{dt} + \omega_0^2\zeta = \omega_0^2 a_0 \sin\omega t$$

and experimental data. Upon introduction of correction factors to account for the dimensions of a body, good agreement is obtained between the theoretical and the test curves. Some deviation of the experimental curves from the precomputed ones is explained by the approximate nature of the law assumed for the relationship between the resistance (drag) and the velocity. A method for the obtainment of irregular waves is presented. Waves with a frequency varying

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOV/24-59-3-13/33

AUTHOR: Sokoleva, I. N. (Moscow)

TITLE: On the Calculation of Heating of Shells at Great Speeds

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1959, Nr 3, pp 90-94 (USSR)

ABSTRACT: The heating of the coverings (shells) of flying machines is considered. It is assumed that its internal surface is isolated and that the distribution of heat along the covering is negligible. This can be described by:

$$\delta^* \frac{d \ln k_H}{dx} \ll 1 \quad ,$$

where δ^* - thickness of the covering, k_H - coefficient of heat transfer, x - coordinate along the covering. The origin of coordinates is placed on the outer surface of the covering with the axis y directed towards its inner surface. The distribution of temperature through its thickness is described by Eq (1.1), where T - temperature,

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SOV/24-59-3-13/33

On the Calculations of Heating of Shells at Greater Speeds

t - time, k^* - coefficient of temperature conductivity of the material. The equations of thermal equilibrium are defined as Eq (1.2) for the outer surface (where ρ_∞, U_∞, T_∞ - density, velocity and temperature, respectively, of the incoming gas, c_p - specific heat at a constant pressure, T^0 - temperature of insulation, T_1 - temperature of outer surface, λ^* - coefficient of heat conductivity of the material, σ - Stefan-Boltzmann coefficient, ε - black body coefficient) and as Eq (1.3) for the inner surface where the initial condition is $T = T_0$ ($T = 0$) (Eq 1.4). The parameters of flow, M_∞, P_∞, ρ_∞, T_∞, represent the arbitrary functions of time. The coefficient k_H depends on M_∞, R_∞ and on the structure of the boundary layer. The solution is found by an approximate method when the temperature profile is considered as a parabola, Eqs (2.1) and (2.2) (T_2 - temperature of the inner surface). Then the simplified equation of heat equilibrium can be defined as Eqs (2.3) and (2.4). When the denotations

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On the Calculations of Heating of Shells at Grea r Speeds

(2.5) and (2.7) are introduced the abo two equations become (2.6), (2.8), (2.9) and Eq (2.7. Thus the values of T_1 and T_2 can be determined as E (2.9). If the parabolic method is adapted to a part the thickness $\delta(t)$, then the temperature profile w 1 take the form Eqs (3.1) and (3.2). Eqs (2.2) an (2.4) can be written as Eqs (3.4) and (3.5) where is defined by Eq (3.3), from which the solution for T_1 is found. To illustrate the accuracy, two particul cases are described: a) the outer temperature is given as (4.1), the exact solution is found from Eq (4.2) and approximate solution is determined from Eqs (4.3) and 4.4). The results of calculation are shown graphically in igs 1 and 2, where the exact values are represented by the rve 1 and the approximate results by the curve 2. The or of approximation is about 7% when the covering is 30 mm hick and $k^* = 0.12 cm^2/sec$; b) the temperature gradient is given as Eq (4.5). The exact

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solution is obtained from Eq (4.6). For simplification the function $f(t) = B$ is taken as constant. Then the exact value of $T = T(y, t)$ will be obtained from Eq (4.7) and the approximate value from Eqs (4.8) and (4.9). The error in this case is 4%, which is shown in Figs 3 and 4. Great accuracy can be obtained when the temperature profile is approximated by the two parabolas, Eqs (4.10) and (4.11).

The above two examples will give the following results: (a) $T_1 = at$, $t \geqslant \delta^{*2}/8k^{*}$ and the temperature Θ at the junction of the two parabolas can be found from Eq (4.12). The temperature profile is determined from Eqs (4.13) and (4.14); (b) the temperature gradient is (4.15). The approximate solution is found from Eqs (4.16) to (4.18). The results are illustrated in Figs 1, 2, 3 and 4 by the curve

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SOV/24-59-3-13/33

On the Calculations of Heating of Shells at Greater Speeds

3, which shows a much smaller error of calculation. There are 4 figures.

SUBMITTED: August 23, 1958.

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APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SHESTERIKOVA, T.P.; SOKOLOVA, I.O.

Biochemical composition of saliva during unconditioned and conditioned food reflexes. Ukr.biokhim.zhur. 26 no.4:397-405 '54. (MLRA 8:3)

1. Odes'kiy naukovo-doslidniy psikhonevrologichniy institut.
(Saliva)(Conditioned response)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SHESTERIKOVA, T.P.; SOKOLOVA, I.O.

Effect in disturbances in the higher nervous function on the secretion of salivary glands. Ukr.biokhim.zhur. 26 no.4:406-416 '54. (MLRA 8:3)

1. Odes'kiy naukovo-doslidniy psikhonevrologichniy institut.
(Nervous system)(Salivary glands)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

[illegible], L.S., [illegible], Ing.

Economic efficiency in the production of various types of increased- and high-strength reinforcement steel. Sbor. trud. TSNIIMASH no.45:125-136 '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

Sokolova, I. S. -- "Clinico-Immunological Indexes of Recovery among Typhoid Fever Patients Treated with Syntomycin." First Moscow Order of Lenin Medical Inst, Moscow, 1955 (Dissertation for Degree of Doctor of Medical Sciences.)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BALANCHUK, L.D.; TSEYDLER, S.A.; SOKOLOVA, I.S.; ZALESKVER, N.G., glavnyy vrach.

Role of the Rickettsia agglutination reaction in the diagnosis of initial and recurrent typhus; author's abstract. Zhur.mikrobiol.epid.i immun. no.9: 7-8 S '53. (MLRA 6:11)

1. Klinika infektsionnykh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta na baze Krasnosovetskoy bol'nitsy. (Typhus fever)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BARTOSHEVICH, Ye.N.; SOKOLOVA, I.S.

Clinical aspects of the preparalytic stage of poliomyelitis and an analysis of diagnostic errors during the first days of the disease. Pediatriia 23 no. 5:9-15 My '60. (MIRA 14:1)
(POLIOMYELITIS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

EMANUEL', N.M.; GORBACHEVA, L.B.; SOKOLOVA, I.S.

Inhibition of protein synthesis in Ioshida ascitic hepatoma cells by substances inhibiting free-radical processes. Dokl. AN SSSR 134 no.6:1475-1477 O '60. (MIRA 13:10)

1. Institut khimicheskoy fiziki Akademii nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Emanuel').
(TUMORS) (PROTEIN METABOLISM) (GALLIC ACID)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

CHUMAKOV, M.P.; VOROSHILOVA, M.K.; DROZDOV, S.G.; DZAGUROV, S.G.; LASHKEVICH, V.A.; MIRONOVA, L.L.; RAL'F, N.M.; GAGARINA, A.V.; DOBROVA, I.N.; ASHMARINA, Ye.Ye.; SHIRMAN, G.A.; FLEYER, G.P.; TOL'SKAYA, Ye.A.; SOKOLOVA, I.S.; EL'BERT, L.B. (Moskva); SINYAK, K.M. (L'vov)

Some results of the work in mass immunization of the population of the Soviet Union against poliomyelitis with live vaccine from Sabin strains. Vest. AMN SSSR 16 no.4:39-43 '61. (MIRA 15:5)

1. Iz Instituta poliomyelita i virusnykh entsefalitov AMN SSSR.
(POLIOMYELITIS VACCINE) (POLIOMYELITIS--PREVENTION)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BARTOSHEVICH, Ye.N.; TSUKER, M.B.; LESHCHINSKAYA, Ye.V.; SOKOLOVA, I.S.; MARTYNENKO, I.N.; ANDREYEVA, L.S.; ASHMARINA, Ye.Ye.

Poliomyelitislike paralytic diseases in children inoculated with live Sabin vaccine. Vest. AMN SSSR 18 no.6:16-21 '63. (MIRA 17:1)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

CA

11-C

Use of electrodialysis for isolation of strychnine from pathological matter. I. V. Sokolova (Irkutsk Vet. Sta.). *Veterinariya* 29, No. 4, 58(1952).—The specimen in a water-cooled bath is electrodialyzed with steel cathode and Al anode which are placed within parchment sacks filled with distd. H_2O. The free base appears at the cathode; the catholyte is evapd. and analyzed for strychnine in the usual manner. Detection of 0.005 g. is possible.

G. M. Kosolapoff

Dir. Chem. Lab.,

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, I. V.,

"Nonspecific Humoral Immunity Factors in Far Animals (Bactericidal Properties, and Opsonocytophagic Index)." (Dissertation for Degree of Candidate for Veterinary Sciences) Moscow Veterinary Academy of the Min Higher Education USSR, Moscow, 1955

SO: M-1036 28 Mar 56

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

KRASIL'NIKOV, L.A.; SOKOLOVA, I.V.

Intensifying tensile tests of a wire. Zav.lab. 28 no.7:853-855 '62 (MIRA 15:6)

1. Beloretskiy metallurgicheskiy kombinat.
(Wire--Testing)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

ABOVSKIY, V.P., inzhener; SOKOLOVA, K.A., inzhener.

Making porous construction concretes. Sbor.mat. o nov.tekh. v stroi. 17 no. 1:19-21 '55. (MLRA 8:2)
(Concrete)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K. A.

K. A. Sokolova and V. S. Akimov "Penicillin Therapy for Suppurative Diseases of the Skin and Subcutaneous Cellular Tissue in New Born Babies," Akusher. i Ginekol., No. 5, 1949. Maternity Home, Sverdlovsk Rayon and 2nd Clinic, Chair Obstet. & Gynecol., 1st Leningrad Med. Inst.

AKIMOV, V. S.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

GUZHIYENKO, G.N., kand.med.nauk; SOKOLOVA, K.A.

Sanatorium therapy in bronchial asthma in children. Pediatriia 37 no.9:48-53 S '59. (MIRA 13:2)

1. Iz kafedry detskikh bolezney Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova (nachal'nik - deystvitel'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof. M.S. Maslov) i detskogo sanatoriya v Ushkovo (glavnyy vrach K.A. Sokolova).
(ASTHMA in inf. & child)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

TUTOVA, [illegible]; NIKOLAYEVA, [illegible]; [illegible]; [illegible]; [illegible]; [illegible]L'YEVSKIY, A.[illegible]; GALKINA, K.[illegible]; [illegible]OKOLOVA, K.[illegible]; KURYLEVA, T.Ye., otv. red.; [illegible], E.I., red.

[Transactions and materials of scientific congresses and conferences published abroad in 1962; an index] Trudy i materialy nauchnykh kongressov i sovakschanii, opublikovannye za rubezhom v 1962 godu; ukazatel'. Vypusk 3. Leningrad, 1964. 133 p. (Mir 17:9)

1. Akademiya nauk SSSR. Biblioteka.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.P.; KUZNETSOV, V.M.; ZAKHAMIROVA, V.I.

Introducing cyanide cadmium plating using asymmetric current. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh. inform.18 no.9:12-13 S '65. (MIRA 18:10)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F.

Immuno-biologic manifestations in pneumonias in infants. Pediatriia, Moskva No.6:39-41 Nov-Dec 51. (CIML 21:4)

1. Of the Clinic for Young Children, Central Scientific-Research Pediatric Institute of the Ministry of Public Health RSFSR (Director and Scientific Supervisor—Prof. S.P. Borisov).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K. F.

"Administration of Albomycin in the Treatment of Pneumonia in Infants under One year of Age," K. F. Sokolova, M. K. Smirnova, Dept. of Hosp. Pediatrics, 2nd Moscow Med. Inst im. I. V. Stalin, and Div of Infant Care, Moscow Children's Hosp.

Pediatriya, No. 1, pp. 23-27, 1953

Albomycin is an effective antibiotic used in treatment of pneumonia in infants under one year of age; It produces the greatest therapeutic effect when administered early. Albomycin reduces toxicosis and causes the temp to fall within 2-3 days after the treatment is initiated. Resolution of inflammation takes place within 10-12 days. Moderate doses of the prepn. is 60,000 - 80,000 units per day for each 2.2 pounds of infants weight; in severe cases and if the treatment is begun late, 100,000-200,000 units per day per each 2.2 pounds of infants weight are advisable. When there is no relapse, it is advisable to administer albomycin for at least 7010 days.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F., dotsent

Vascular reactions in pneumonia in children. Vop.ckh.mat. i det. 1 no.6:22-28 N-D '56. (MLRA 10:1)

1. Iz kliniki gospital'noy pediatrii (dir. K.F.Popov) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina na baze Detskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach M.N.Kalugina)
(PNEUMONIA) (BLOOD VESSELS) (INFANTS--DISEASES)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F., dotsent

Electroencephalogram in children with pneumonia during their first year of life. Pediatriia 39 no.1:10-18 Ja-F '56. (MIRA 10:1)

1. Iz kliniki gospital'noy pediatrii (dir. K.F.Popov) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina na baze Detskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach M.N.Kalugina)
(PNEUMONIA, in inf. and child
EEG in inf.)
(ELECTROENCEPHALOGRAPHY, in various dis.
pneumonia, in inf.)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BUBNOVA, M.M.; SOKOLOVA, K.F.

Effect of hormone therapy on the course of acute leukemia in children. Vop.okh.mat. i det. 2 no.1:26-30 Ja-F '57. (MLRA 10:2)

1. Iz kafedry gospital'noy pediatrii (zav. K.F.Popov) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina na baze detskoy bol'nitsy imeni N.F.Filatova (glavnyy vrach M.N.Kalugina)
(LEUKEMIA) (HORMONES)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K. F., Doc Med Sci -- (diss) "Peculiarities of the course of pneumonia in children in first year of life." Mos, 1958. 19 pp (2nd Mos State Med Inst im N. I. Pirogov), 250 copies (KL, 18-58, 102)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F., dots. (Moskva)

"Chronic pneumonia in children" by A.M.Kropachev. Reviewed by K.F.Sokolova. Vop.okh.mat. i det. 3 no.1:91-92 Ja-F '58. (MIRA 11:2)
(PNEUMONIA)
(SOKOLOVA, K.F.)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F., MARTYNOVA, M.I.

Hemorrhagic thrombasthenia in children. Vop.okh.mat. i det. 3 no.5:35-40 S-O '58 (MIRA 11:11)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. K.F. Popov) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova na baze detskoy bol'nitsy imeni N. F. Filatova (glavnyy vrach M.N. Kalugina).
(CHILDREN--DISEASES)
(BLOOD PLATELETS)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F.

Early diagnosis and prevention of pneumonia in infants.
Vop.okh.mat. i det. 3 no.6:24-28 N-D '58 (MIRA 11:12)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. K.F. Popov) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova na baze detskoy bol'nitsy imeni N.F. Filatova (glavnyy vrach M.N. Kalugina).
(PNEUMONIA)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F.; SRIBNER, L.M.

Treatment of chronic pneumonias in children. Pediatriia 37 no.9: 36-42 S '59. (MIRA 13:2)

1. Iz kafedry gospital'noy pediatrii II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova (zaveduyushchiy - prof. K.F. Popov) na baze Detskoy bol'nitsy imeni N.F. Filatova (glavnyy vrach M.N. Kalugina).

(PNEUMONIA in inf. & child.)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F.

All-Union Conference of Pediatrists. Pediatriia 37 no.10:92-93 O '59. (MIRA 13:2)

(PEDIATRICS--CONGRESSES)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F.

All-Russian Congress of Pediatricians. Pediatria 38, no.4: 95-96 Apr. '60. (MIRA 16:7)
(PEDIATRICS--CONGRESSES)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F.

Importance of the health resort factor in the combined treatment of chronic pneumonias in children. Vop. okh. mat. i det. 6 no.7:22-27 Jl '61. (MIRA 14:8)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. K.F.Popov) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova (dir. - dotsent M.G.Sorotkina) na baze detskoy klinicheskoy bol'nitsy imeni N.F. Filatova (glavnyy vrach L.A.Vorokhobov).
(PNEUMONIA) (CHILDREN--HOSPITALS)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, Klavdiya Fedorovna; DETINOVA, Ye.P., red.

[Pneumonia in young children] Pnevmoniia u detei rannego vozrasta. Moskva, Meditsina, 196[illegible]. 254 p. (MIRA 17:11)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

DOMBROVSKAYA, YU.F., prof.(Moskva), otv. red.; GROMBAKH, S.M., prof, prof., red.; ISAYEVA, L.A., dots (Moskva), red.; NOSOV, S.D., prof., red.; PONOMAREVA, P.A., prof., red.; SKORNYAKOVA, L.K., red.; SOKOLOVA, K.F., prof., red.; SOKOLOVA-PONOMAREVA, O.D., prof., red.; TUR, A.F., prof., red.; KHOKHOL, Ye.N., prof., red.; ISAYEVA, L.A., red.

[Transactions of the Eighth All-Union Congress of Pediatricians] Trudy VIII Vsesoiuznogo s"ezda detskikh vrachei. Moskva, Meditsina, 1964. 530 p. (MIRA 17:8)

1. Vsesovuznyy s"yezd detskikh vrachey. 8th, Kiev, 1962. 2. Zaveduyushchaya kafedroy detskikh bolezney AMN SSSR, Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 3. Zamestitel' direktora Instituta pediatrii AMN SSSR (for Nosov). 4. Zamestitel' nachal'nika upravleniya spetsializirovannoy meditsinskoy pomoshchi Ministerstva zdravookhraneniya SSSR (for Skornyakova). 5. Glavnyy pediatr Ministerstva zdravookhraneniya RSFSR (for Sokolova). 6. Deystvitel'nyy chlen AMN SSSR (for Sokolova-Ponomareva). 7. Predsedatel' Vserossiyskogo obshchestva detskikh vrachey, Deystvitel'nyy chlen AMN SSSR (for Tur). 8. Zaveduyushchiy kafedroy detskikh bolezney Kiyevskogo meditsinskogo instituta, Chlen-korrespondent AMN SSSR (for Khokhol).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.F., aspirant

Sanitary conditions in the KDUE-16 carrousel-type arrangement for milking parlors. Veterinariia 41 no.7:81-83 Jl '64. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

[illegible], [illegible], prof., [illegible], [illegible], kand. biol. nauk; [illegible], K.F., [illegible]

Hygienic aspects of the "Pipeline" and DS-150 arrangement for milking parlors. Veterinariia 41 no.12:65-68 D '64. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.G.

Certain characteristics of jaundice in newborn infants. Pediatriia 38 no.10:47-49 O '60. (MIRA 13:11)

1. Iz kafedry gospital'noy pediatrii (zav. - deystvitel'nyy chlen Akademii med.nauk SSSR prof. A.F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - Ye.P. Semenova).
(ERYTHROBLASTOSIS FETAL) (JAUNDICE)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.G.

Heterospecific pregnancyand ABO incompatibility in newborn infants. Vop. okh. mat. i det. 6 no.10:67-72 O '61. (MIRA 14:11)

1. Iz kafedry gospital'noy pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. A.F.Tur) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N.T.Shutova).
(BLOOD GROUPS) (INFANTS (NEWBORN)--DISEASES)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

KONSTANTINOV, B.A. dotsent, kand.tekhn.nauk; AYZENBERG, B.L., dotsent, kand.tekhn.nauk; KLEBANOV, L.D., kand.tekhn.nauk; NIKOGOSOV, S.N., dotsent, kand.tekhn.nauk; BARDIN, M.I., inzh.; KOROLEV, V.A., inzh.; PRINTSEV, A.A., inzh.; SOKOLOVA, K.I., inzh.; SHULYAT'YEVA, G.N., inzh.; ROZENBERG, B.I., prof., doktor tekhn.nauk [deceased]; BYKOV, N.G., inzh.; ZEYLIGER, A.N., inzh.; ZABRODINA, A.A., tekhn.red.

[Collected information data regarding the power factor (cos φ)] Sbornik informatsionnykh materialov po koeffitsientu moshchnosti (cosφ). Pod red. B.A.Konstantinova. Moskva, Gos.energ.izd-vo, 1959. 141 p. (MIRA 12:12)

1. Leningrad. Leningradskiy inzhenerno-ekonomicheskiy institut. 2. Leningradskiy inzhenerno-ekonomicheskiy institut (for Konstantinov, Ayzenberg, Klebanov, Nikogosov). 3. Energosbyt Lenenergo (for Bardin, Korolev, Printsev, Sokolova, Shulyat'yeva). 4. Leningradskiy politekhnicheskiy institut (for Rozenberg). 5. Leningradskoye otdeleniye instituta "Teploelektroproyekt" (for Bykov, Zeyliger).
(Electric engineering)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

S/190/62/004/009/009/014
B101/B144

AUTHORS: Mitsengendler, S. P., Andreyeva, G. A., Sokolova, K. I., Korotkov, A. A.

TITLE: Synthesis of graft copolymers by the action of polymeric organometallic compounds on polar polymers, and study of their properties. I. Synthesis of graft copolymers of styrene and methyl methacrylate

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 9, 1962, 1366-1374

TEXT: The interaction of polystyrene lithium (PS^-) with polymethyl methacrylate (PMMA) was studied. The decomposition of PS^- by moisture and oxygen was eliminated by treating it in vacuo or in a nitrogen atmosphere, and through the presence of methyl lithium or calcium hydride. PMMA dissolved in toluene was cooled to -50 - -70°C and mixed with PS^- cooled to -78°C. The resulting graft copolymer was extracted successively with ether, acetonitrile and benzene. The ratio $>C=O/PS^-$ was determined from the oxygen content of the graft copolymer or by IR-spectroscopy. Results: (1) All fractions differed from a mechanical mixture of the

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B101/B144

Synthesis of graft copolymers...

components by birefringence. A graft copolymer was obtained with 100% yield. (2) The molecular weight and the ratio of components affect the reaction course: (a) An increasing molecular weight of PMMA reduces the selectivity and renders grafting of PS* onto the macromolecule of PMMA uniform. If the molecular weight of PMMA is increased from $70 \cdot 10^3$ to $500 \cdot 10^3$, and if the ratio >C=O/PS* equals 10, the amount of PMMA consumed for ether fraction decreases from 31 to 3.6%, and the yield of ether fraction from 74 to 18.6%; (b) an increasing molecular weight of PS* increases the selectivity and reduces the uniformity of grafting. If the molecular weight of PS* increases from $5 \cdot 10^3$ to $50 \cdot 10^3$, the PMMA consumption for ether fraction rises from 3.1 to 53% and the yield of this fraction from 20.5 to 95.5%; (c) if the molecular weights of PMMA and PS* are constant, the yield of ether fraction increases as the concentration of PS* is increased, or as the ratio >C=O/PS* is decreased. Conclusions: The occurrence of grafting is not statistical but mainly on that PMMA macromolecule where the reaction has already started. As soon as grafting of the first PS* chains sets in, the coiled PMMA molecules begin to stretch and thereby to facilitate further grafting. High molecular

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SOKOLOVA, K. M.

"Bird Nests as Breeding Grounds for Mosquitoes (Phlebotomus)," Zool. Zhur., 28, No. 3, 1949. Mbr., Div. Parasitology & Medical Zoology, Inst. Epidemiology, and Microbiology, & Infectious Diseases im. H. F. Gamaleya, Dept. Hygiene, Microbiology, & Epidemiology, Acad. Med. Sci., -c1949-.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.M.

Practices in the extermination of the bacterial canker of tomatoes in Uzbekistan. Zashch.rast.ot vred.i bol. 4 no.6:45 N-D '59. (MIRA 15:11)

1. Starshiy agronom-fitopatolog Uzbekskoy karantinnoy laboratorii.
(Uzbekistan--Tomatoes--Diseases and pests)
(Uzbekistan--Canker (Plant disease))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

GORLINA, A.A.; SOKOLOVA, K.M.

Role of microbial flora of the surface and crypts of the palatine tonsils in chronic tonsillitis. Vest.otorin. 23 no.1:57-64 Ja-F '61. (MIRA 14:2)

1. Iz Moskovskogo nauchnogo otorinolaringologicheskogo otdeleniya Pervoy bol'nitsy i kliniko-diagnosticheskoy laboratorii 4-go Glavnogo upravleniya pri Ministerstve zdravookhraneniya SSSR, Moskva.

(TONSILS--MICROBIOLOGY)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

YUROVSKIY, Yu.M. Prinimala uchastiye SOKOLOVA, K.N.; PERSHINA, Ye.G., vedi. red.

[Resolving capacity in mud logging] Razreshaiushchie sposobnosti gazovogo karotazha. Moskva, Nedra, 1964. 158 p. (MIRA 17:5)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

NEL'ZINA, Ye.N.; ROMANOVA, V.P.; DANILOVA, G.M.; SOKOLOVA, K.S.

Role of Histrionyssus (Fonseca) mites in natural foci of tularemia. Med.paraz. i paraz.bol. 26 no.3:326-333 My-Je '57. (MIRA 10:11)

1. Iz Rostovskogo-na Donu nauchno-issledovatel'skogo protivochumnogo instituta i Ural'skoy protivochumnoy stantsii.

(TULAREMIA, transmission,
by Histrionyssus fonseca (Rus))
(MITES,
Histrionyssus fonseca, transm. of tularemia (Rus))

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SOKOLOVA, K.V.

Clinical and anatomical parallels in diseases of the blood system. Vop. pat. krovi i krevoobr. no.5:95-103 '59. (MIRA 15:4)
(BLOOD--DISEASES)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.V.

Endothelial cup test in rheumatic fever. Vop.pat.krovi i krovo-obr. no.6:94-98 '61. (MIRA 16:3)
(RHEUMATIC FEVER) (MEDICAL TESTS)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, K.V.

Therapeutic effect of disulfobutadione. Trudy LPMI 31 no.2:144-145 '63. (MIRA 17:10)

1. Iz kliniki fakul'tetskoy terapii leningradskogo pediatricheskogo meditsinskogo instituta.

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SOKOLOVA, K.V.

Comparison of the third blood coagulation fraction with the dynamics of the proteins and protein fractions of the blood in pulmonary diseases. Trudy LPMI 31 no.2:385-388 '63. (MIRA 17:10)

1. Iz kafedry fakul'tetskoy terapii Leningradskogo pediatricheskogo meditsinskogo instituta i I terapevticheskogo otdeleniya Ob"yedinennoy bol'nitsy imeni Kuybysheva, Leningrad.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, L. A.

Botany - Geographical Distribution

Basic characteristics of vegetation on the western slope (northern part) of the Southern Ural Range Trudy Bot. inst. AN SSSR. Ser. 3, No. 7 1951

9. MONTHLY LIST OF RUSSIAN ACCESSIONS, Library of Congress, June 1952 Uncl.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, L.A.

3403. Polarographic control of the content of stabiliser and methyl methacrylate in the monomer. M. I. Botrova, A. N. Matveeva, A. T. Aleksandrov, T. V. Kolylanskaya and L. A. Sokolova (Leningrad Engng. Economics Inst.). *Zavod. Lab.*, 1956, 22 (6), 658–659.—The sample of methyl methacrylate monomer containing quinol is dissolved in an aq. ethanol soln. of tetraethylammonium chloride or tetramethylammonium iodide and the wave at −1·8 to −2 V is measured to give the methyl methacrylate content (0·01 to 0·045 *M*); a phosphate buffer of pH 7 is added and the wave due to quinol (0·005 to 0·045 *M*) at $E_{\frac{1}{2}} = -0·045$ to 0·055 V is measured.

G. S. Smith

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

TKACHEVA, Z.I.; NAZARUK, Z.K., inzh.; SOKOLOVA, L.A.

Processing expeller flaxseed cake brought to the Vitebsk Oil Mill. Masl.-zhir. prom. 27 no.11:39-40 N '61. (MIRA 15:1)

1. Vitebskiy masloekstraktsionnyy zavod.
(Vitebsk--Oil industries--Equipment and supplies)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, L. A.

AID P 2467

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 14/18

Authors : Voronin, A. P., Graduate Research Student, Sokolova, L.A., Industrial Sanitary Inspector

Title : Some defects of standard designs of repair shops in machine and tractor stations

Periodical : Gig. i san., 6, 55-58, Je 1955

Abstract : Describes the defects of repair shops built in the Yaroslavl' Province in 1949-1953, and gives recommendations for their reconstruction, as well as for the present standard design No. 1662. Considers the standard designs of machine and tractor stations and their repair shops unsatisfactory from the point of view of hygiene. Table.

Institution: None

Submitted : Dec. 13, 1954

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

Sokolova, L. D.

15

The electrolytic and corrosion behavior of magnesium. L. A. Sokolova, A. A. Yukovleva, and A. Yu. Shataloy. *Trud. Voronezh. Univ.* 32, 01-0(1953); *Referat. Zhur. Khim.* 1955, Abstr. No. 67255.—The electrode potentials of Mg in 27 different electrolytes with concns. of 0.0001–1.0*M* are measured. Three forms of the curves E_{Mg} *vs.* log c are established. The value of E_{Mg} is detd. by the anions. The effect of pH on E_{Mg} and the corrosion speed (CS) of Mg in buffered mixts. and solns. with const. Cl^-, SO_4^{--}, and NO_3^- anion concns. is studied. The results are given as diagrams E_{Mg}-pH and CS-pH. The full curve E_{Mg}-pH forms 3 branches which have the same sequence as the branches of the CS-pH diagram. In the area pH < 3 CS is proportional to $[H^+]^2$; in the area pH 4–11 a slower change of CS compared to that of pH is observed; at pH >11 the Mg is passivated. Several polarization diagrams are given illustrating the effect of pH on the potential and the CS of Mg.

N. Vasileff

6

4E 4g
4E 2c
4-fra

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

NOVAKOVSKIY, V.M.; PROZOROV, A.P.; SOKOLOVA, L.A.; NUSINOV, Ya.Ye.; LAPSHINA, E.F.; UMNOVA, G.F.

Corrosion of pipes in the monohydrate and in the desiccant acid employed in the contact manufacture of sulfuric acid. Khim.prom. no.4:323-328 Je '60. (MIRA 13:8)
(Pipe--Corrosion) (Sulfuric acid)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

KUCHMIN, O.I. (Yaroslavl'); MALKOVA, L.V. (Yaroslavl'); SOKOLOVA, L.A. (Yaroslavl')

Acoustic gas analyzer with two tubes. Akust.zhur. 7 no.2:215-217 '61. (MIRA 14:7)

(Ultrasonic testing) (Gases—Analysis)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

KUCHMIN, G. I.; [illegible], L.V.; SOKOLOVA, L.A., [illegible], Yu. I.

Phase-adjusting acoustic gas analyzer. Zav.lab. 28 no.6:742-743 (MIRA 15:5)

(Gases--Analysis)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

BOBROVA, A.M.; SOKOLOVA, L.A.; KARPENKO, R.N.

Coagulation of black slimes in the manufacture of titanium dioxide pigment. Lakokras.mat.i ikh prim. no.3:45-47 '62. (MIRA 15:7)

(Titanium dioxide)
(Surface-active agents)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

ZHURBITSKIY, Z.I.; SOKOLOVA, L.A.

Growing cucumbers in water cultures. Fizio. rast. 9 no.5:639-648 '62. (MIRA 15:10)

1. K.A.Timiriazev Institute of Plant Physiology, U.S.S.R.Academy of Sciences, Moscow.
(Cucumbers) (Hydroponics)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, L.A.

Origin of Vesuvian garnet veins in serpentinites. Trudy Inst. geol.nauk no.165:99-112 '55. (MLRA 9:4)
(Leucite) (Serpentinites)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

PETROV, V.P.; SOKOLOVA, L.A.

Aspagash chrysotile-asbestos deposit. Trudy IGEM no.17:85-106 '57. (MIRA 11:6)
(Minusinsk Basin--Chrysotile)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

YEREMEYEV, V.P.; MEHENKOV, B.Ya.; PETROV, V.P.; SOKOLOVA, L.A.

Genesis and distribution of chrysotile-asbestos deposits as a form of contact effect exerted by granitoids on ultrabasic rocks. Trudy IGEM no.31:19-35 '59. (MIRA 12:7)
(Asbestos)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

SOKOLOVA, L.A.

Petrography of rocks in the area of the Bazhenovo deposit of asbestos and problems relative to their metamorphism. Trudy IGEM no.47:3-42 '60. (MIRA 14:5)

(Bazhenovo region--Petrology)

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SOKOLOVA, L.A.

Genesis of the Ukok deposit of chrysotile-asbestos. Trudy IGEM no.47:61-74 '60. (MIRA 14:5)
(Ukok region (Kirgizistan)--Asbestos)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652110013-1

CHUYKIN, Ye.I.; BOBROVA, A.M.; BOCHKAREV, V.M.; BALUKOVA, Ye.V.; RYBAKOV, Ye.I.; SARAPUL'TSEV, I.A.; SOKOLOVA, L.A.

Use of radioactive indicators in studying the movement regularities of technological solutions in the production of titanium dioxide. Lakokras.mat.i ikh prim. no.5:64-70 '62. (MIRA 16:1)
(Radioactive tracers) (Titanium oxides)

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SOKOLOVA, L.A.

Geological positions of asbestos with a low-iron content. Zakonom. razm. polezn. iskop. 6:245-255 '62. (MIRA 16:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Asbestos)

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ACCESSION NR: AT4008771 S/2719/63/000/095/0056/0060

AUTHOR: Sokolova, L. A.

TITLE: Chrysotile asbestos resources in the USSR

SOURCE: AN SSSR. Inst. geol. rudn. mestorozhd., petrogr., mineral. i geokhimii. Trudy*, no. 95, 1963. Prirodn. mineral'n. napolniteli; ikh resursy* i ispol'zovaniye v promy*shlennosti, no. 2. Issledovaniya v oblasti nemetallich. polezn. iskopavemy*kh, 56-60.

TOPIC TAGS: natural resource, economic geology, chrysotile asbestos, asbestos deposit, asbestos exploitation, asbestos production, asbestos, magnesium silicate, chrysotile asbestos mechanical strength

ABSTRACT: The author briefly describes the chrysotile asbestos deposits in the SSSR, outlines the future prospects of the asbestos industry and discusses the chemical composition, structure, and mechanical properties of native chrysotile asbestos. The only two deposits, presently in operation, Bazhenovskoye and Alapayevskoye, are in the Sverdlovsk oblast. The former comprises about 45% of the nation's estimated total reserve and accounts for about 98.8% of nation's output. This asbestos is of every kind and of high quality. Other larger chrysotile asbestos deposits are known in the SSSR, the

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L 55134-65 EWT(m)/EPF(c)/EWA(d)/EWP(t)/EWP(b)/EWP(z) MJW/JD/WB

ACCESSION NR: AP5011360 UR/0365/65/001/002/0173/0177

620.193.4

32
31
B

AUTHOR: Tsinman, A. I.; Kuzub, V. S.; Sokolova, L. A.

TITLE: The effect of fluoride ions on the electrochemical and corrosion behavior of stainless steels

SOURCE: Zashchita metallov, v. 1, no. 2, 1965, 173-177

TOPIC TAGS: steel corrosion, stainless steel, electrochemical process, passivation

ABSTRACT: The authors investigated the effects of fluoride ions on the corrosion of Kh17, Kh27, Kh15M3, 1Kh18N9T and Kh18N4B steels in 10*N* sulfuric acid 3*M* chromic acid baths. Curves obtained by potentiometric measurements are given, correlating the anodic polarization currents and the corresponding saturated calomel reference electrode potentials. The samples used were cut from rolled sheet steels. The surfaces of all samples were polished before use. The corrosion rates were determined from the weight loss of steel samples prepared in the same fashion as the electrodes. Fluoride ions in concentrations from 0.18*N* to 0.3*N* were introduced by adding NaF to the bath. At first the fluoride ions slightly increase the current

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