RUDOVITS, L. F.

"Oceanographic Operations in the USSR During the Last 30 Years," Meteorology and Hydrology, Issue No. 4, Leningrad, December 1950.

U-2020, 29 May 52

LADNOV, V.S., inzh.

Machine for welding curvilinear joints in a vertical plane.
Svar. proizv. no.2:28-29 F '62. (MIRA 15:2)

1. Zavod transportnogo mashinostroyeniya im. V.A. Malysheva.
(Electric welding—Equipment and supplies)

LADNOV, V. S.

" On Mechanized Casting into Shell Molds by Shot-Strewing the Mold Boxes, being Introduced at the Khar'kov Plant of Transport Machines."

report presented at Scientific-Technical Session on Progressive Technology of Casting Molds, organized by the NTOMAShPROM of the Khar'kov Oblast', in Khar'kov, 14-16 Nov 1957.

Liteynoye Proizvodstvo, 1958, No. 4, pp. 28-30.

S/135/62/000/002/006/010
A006/A101

AUTHOR: Ladnov, V. S., Engineer

TITLE: A machine for welding curved contours in the vertical plane

PERIODICAL: Svarochnoye proizvodstvo, no. 2, 1962, 28-29

TEXT: A special automatic machine was developed at the Khar'kov Plant imeni Mayshev for the welding of curved seams in the vertical plane. The principle of duplicating the outline of the part to be welded is based on the unfolding of the curved contour into a straight line (Fig. 2) so that welding is performed during the straightlined motion of the torch. The scheme and operation of the machine are described and illustrated. The welding speed is regulated within 50 - 60 m/hour by exchanging the reducer gear. The carriage, bearing the welding torch, is driven from a 0.27-kw electric motor AOЛ-21-4 (AOL-21-4) with 1,400 rpm. A ПС-300 (PS-300) transformer is used as a power supply source. The accurate motion of electrodes along the contour to be welded assures high accuracy of the electrode track along the weld and high quality of welds. There are 5 figures.

ASSOCIATION: Zavod transportnogo mashinostroyeniya im. V. A. Malysheva (Transportation Machinebuilding Plant imeni V. A. Malyshev)

Card 1/2

LADNOVA, L.A.

Determining the effective rate of dissociation of diatomic molecules. Vest. LGU. 18 no.19:146-150 '63. (MIRA 16:11)

LADNOVA, L. A.

"The boundary layer on a plate taking vibrational relaxation into account."

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

Sci Res Inst of mathematics and Mechanics, Leningrad State Univ.

L 14333-65 EWT(l)/EWP(m)/FCS(k)/EWA(l) Pd-1/Pi-4 AEDC(a)/SSD/ASD(f)-2/BSD/
AFWL/ASD(p)-3/AEETR/AFTC(a)/ESD(t)
ACCESSION NR: AP4049012 S/0043/64/000/004/0114/0128

AUTHOR: Ladnova, L. A. B

TITLE: Laminar boundary layer of gas on a flat plate with thermodynamic and chemical nonequilibrium taken into account

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 4, 1964, 114-128

TOPIC TAGS: laminar boundary layer, hypersonic flow, dissociation, relaxation, equilibrium flow, nonequilibrium flow, thermal nonequilibrium, chemical nonequilibrium

ABSTRACT: Viscous, compressible gas flow over a flat plate was investigated in the presence of thermodynamic and chemical nonequilibrium. It was assumed that distribution near equilibrium is established through translational and rotational degrees of freedom and that the Boltzman distribution, with local temperatures T and T_i characterizing the gas state, holds true for rotational and vibrational degrees of freedom. The laminar boundary layer on a flat plate is first considered in the presence of vibrational relaxation, dissociation and re-

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L 14333-65
ACCESSION NR: AP4049012

combination of gas atoms being neglected. An expression is derived for the thermal flux density with the diffusion of vibrational energy taken into account by using the simplified scheme proposed by Hirschfelder. An approximation method is outlined for solving laminar boundary layer equations in cases of thermodynamic nonequilibrium flow, near frozen flow, and near equilibrium flow. A qualitative analysis of the effect of relaxation on heat transfer processes between the cooled and thermoinsulated flat plate and gas flow is presented. The effect of chemical and thermal nonequilibrium on the laminar boundary layer in the presence of dissociation and recombination is also considered, and an equation is derived for vibrational energy relaxation. Orig. art. has: 3 figures and 20 formulas.

ASSOCIATION: none

SUBMITTED: 08Feb63 ENCL: 00 SUB CODE: ME

NO REF SOV: 005 OTHER: 002 ATD PRESS: 3136

Card 2/2

LADNOVA, L.A.

Laminar boundary gas layer on a flat plate taking into consideration the thermodynamic and chemical inequilibrium. Vest. LGU 19 no.19:114-128 '64. (MIRA 17:11)

L 22297-66 EWP(m)/EWT(1)/EWT(m)/EWP(j)/ETC(m)-6/T/EWA(d)/EWA(1)/EWA

ACC NR: AT6006902 WW/JW/GS SOURCE CODE: UR/0000/65/000/000/0046/0055

AUTHOR: Lednova, L. A.

ORG: LGU Scientific Research Institute for Mathematics and Mechanics (Nauchno-issledovatel'skiy institut matematiki i mekhaniki LGU)

TITLE: The laminar boundary layer of a gas on a flat plate taking into account a non-equilibrium state

SOURCE: Teplo-i massoperenos. t. II: Teplo-i massoperenos pri vzaimodeystvii tel s potokami zhidkostey i gazov (Heat and mass transfer. v. 2: Heat and mass transfer in the interaction of bodies with liquid and gas flows). Minsk, Nauka i tekhnika, 1965, 46-55

TOPIC TAGS: boundary layer theory, heat conductivity, temperature distribution, gas flow, laminar boundary layer

ABSTRACT: The system of equations describing the flow of a non-equilibrium gas in the laminar boundary layer of a flat plate has the form:

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$$\frac{\partial}{\partial x}\left(\rho u\right)+\frac{\partial}{\partial y}\left(\rho v\right)=0,$$

$$\rho\left(u\frac{\partial u}{\partial x}+v\frac{\partial u}{\partial y}\right)=\frac{\partial}{\partial y}\left(\mu\frac{\partial u}{\partial y}\right),$$

$$\rho\left(u\frac{\partial h}{\partial x}+v\frac{\partial h}{\partial y}\right)=\frac{\partial}{\partial y}\left(\lambda_a\frac{\partial T}{\partial y}+\lambda_к\frac{\partial T_к}{\partial y}\right)+\mu\left(\frac{\partial u}{\partial y}\right)^2, \quad (1)$$

$$\rho\left(u\frac{\partial E_к}{\partial x}+v\frac{\partial E_к}{\partial y}\right)=\rho w_к+\frac{\partial}{\partial y}\left(\lambda_к\frac{\partial T_к}{\partial y}\right),$$

$$p=\rho\frac{R}{M}T,$$

where u, v are the components of the velocity; p is the pressure; ρ is the density; h is the specific enthalpy;

$$h=h_a+E_к=\int_0^T c_{pa}dT+E_к;$$

h_a is the specific enthalpy of the active degrees of freedom; c_{pa} is the specific heat capacity (at constant pressure) of the active degrees of freedom; λ_a, $\lambda_к$ are the heat conductivity coefficients connected with the active and inactive degrees of freedom; μ is the viscosity;

L 22297-66
ACC NR: AT6006902

$$w_k = \frac{E_k(T) - E_k}{\tau_k}$$

is the rate of the establishment of equilibrium with respect to vibrational degrees of freedom; $E_k(T)$ is the equilibrium value of the vibrational energy at temperature T; τ_k is the relaxation time of the vibrational energy; M is the molecular weight; R is the universal gas constant. After transformation to Blasius variables, the system of equations is solved analytically. Results of the calculations show that the non-equilibrium state has little effect on the temperature distribution in the boundary layer, and that it has no effect on the heat flux in an ideal catalytic unit. Orig. art. has: 4 formulas, 2 figures, and 1 table.

SUB CODE: 20/ SUBM DATE: 09Nov65/ ORIG REF: 003.

Card 3/3 nst

L 21638-66 EWP(w) EM

ACC NR: AP6006898 SOURCE CODE: UR/0043/66/000/001/0154/0159

56

B

AUTHOR: Ladnova, L. A.

ORG: none

TITLE: Small parameter method for calculating nonequilibrium chemical laminar boundary layers on flat plates

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 1, 1966, 154-159

TOPIC TAGS: boundary layer, laminar flow, nonequilibrium chemistry, approximation method, temperature distribution, dissociated gas

ABSTRACT: The compressible laminar flow of a reacting gas over a flat plate was analyzed by means of an approximation method. The gas mixture is assumed to be binary with constant Prandtl and Schmidt numbers. The governing flow equations are written in boundary layer coordinates using a Howarth-Dorodnitsyn type transformation. The small parameter

$$\varepsilon_0 = \frac{4^2 p K_r \xi L}{R^2 a_\infty T_\infty^{2+s}}$$

UDC: 533.601.155

Card 1/2

ACC NR: AP6006898

is introduced, and (for the case of an almost frozen flow) the flow variables are expanded in powers of s_0^n, and a set of ordinary differential equations is obtained. A similar expansion in powers of $1/s_0$ leads to equilibrium flow equations. In the above analysis K is given by

$$K = \frac{1}{4}\frac{\rho_\infty u_\infty^2}{RT_\infty}.$$

The resulting set of equations is integrated numerically, and curves are obtained representing the temperature and concentration distributions. The results are given for both cold-catalytic and insulated-noncatalytic wall conditions. For the catalytic wall, the heat transfer changes only slightly over all values of s_0. For the noncatalytic wall, nonequilibrium conditions show a decrease in the heat transfer rate. Orig. art. has: 11 equations and 3 figures.

SUB CODE: 20/ SUBM DATE: 09Jun64/ ORIG REF: 001

Card 2/2

LADNOVA, R. A.

"The boundary layer of a plate taking vibrational relaxation into account."

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

Sci Res Inst Mathematics & Mechanics, Leningrad State Univ.

LADNYUK, B.P.

Some problems in treating diaphyseal fractures of the femur by metallic osteosynthesis. Ortop.travm.i protez. 20 no.9:74-75 S '59.
(MIRA 13:2)

1. Iz kafedry obshchey khirurgii (zaveduyushchiy - prof. G.G. Dubinkin) Smolenskogo meditsinskogo instituta (direktor - dotsent G.M. Starikov).
(FEMUR, fract.)

LADNYUK, B. P. Cand Med Sci -- "Treatment of fractures of the femoral neck."
Minsk, 1960 (Minsk State Med Inst). (KL, 1-61, 208)

LADNYUK, B.P.

Surgical treatment of fractures of the neck of the femur by a simplified method. Ortop., travm.i protez. 23 no.6:69-71 Je '62. (MIRA 15:9)

1. Iz kafedry obshchey khirurgii (zav. - prof. G.G. Dubinkin) Smolenskogo meditsinskogo instituta (dir. - dotsent G.M. Starikov).

(FEMUR--FRACTURE)

LADNYY, I.D., assistent

Experimental effect of biomycin and penicillin on active anti-tetanic immunity. Trudy Khar. med. inst. no.50:302-306 '62. (MIRA 19:1)

1. Kafedra epidemiologii (zav. - prof. M.N.Solov'yev) Khar'kovskogo meditsinskogo instituta.

LADNYY, I.D., assistent; USVYATTSEV, A.M., vrach; SAVIN', I.I., vrach; SOKOLOVA, V.M., vrach

State of active antitetanic immunity in patients treated with antibiotics. Trudy Khar. med. inst. no.50:307-310 '62. (MIRA 19:1)

1. Kafedra epidemiologii (zav. - prof. M.N.Solov'yev) Khar'kovskogo meditsinskogo instituta.

LADNYY, I.D.

Transplacental transmission of antitoxic immunity to tetanus. Biul. eksp. biol. i med. 57 no.4:87-90 Ap '64. (MIRA 18:3)

1. Kafedra epidemiologii (zav. - deystvitel'nyy chlen AMN SSSR prof. M.N. Solov'yev) Khar'kovskogo meditsinskogo instituta. Submitted April 16, 1963.

LADO, Janos

The conference on linguistics held in Pecs. Magy.tud. 66 no.12:659-661 D '59. (KEAI 9:4)

(Hungarian language)

LADO, Laszlo, dr.

Economical questions relating to infrafactory material handling from the point of view of national economy. Elelm ipar 16 no. 9: 283-285 S '62.

LADO, Laszlo, dr.

Economical questions of intrafactory transportation in the national economy with special regard to the systematic preparation of automation. Gep 15 no.2 49-51 F '63.

LADO, Laszlo, dr.

Material handling. Elet tud 18 no.48:1527-1530 1 D '63.

LADODO, B.

Several problems in the analysis of the collective farm report. Fin.SSSR 37 no.2:70-79 F '63. (MIRA 16:2)
(Collective farms--Auditing and inspection)

LADODO, I.S., kandidat meditsinskikh nauk; LEBEDEV, B.V.

Development of children following severe cases of whooping cough. Sov.med. 20 no.8:40-44 Ag '56. (MLRA 9:10)

1. Iz otdela ostrykh detskikh infektsii (zav. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. A.I.Dobrokhotova) i laboratorii po izucheniyu razvitiya mozga (rukovoditel' - chlen-korrespondent Akademii meditsinskikh nauk SSSR ;prof. V.N.Klosovskiy) Instituta, pediatrii Akademii meditsinskikh nauk SSSR (dir. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. O.D.Sokolova-Ponomareva)

(WHOOPING COUGH, compl.
eff. of severity of attacks on subsequent ment. & phys. develop. of child.)

LADODO, K.S.; KAZANTSEVA, M.N., professor, direktor; DOBROKHOTOVA, A.I., chlen-korrespondent Akademii meditsinskikh nauk SSSR, zasluzhennyy deyatel'nauki, professor, zavednyushchaya; KLOSOVSKIY, B.N., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, laureat Stalinskoy premii, zaveduyushchiy.

Clinico-morphological data on changes in the nervous system in simultaneous occurrence of whooping cough and grippe. Pediatriia no.2:23-28 Mr-Ap '53. (MLRA 6:5)

1. Ordena Trudovogo Krasnogo znameni Institut pediatrii Akademii meditsinskikh nauk SSSR (for Kazantseva and Ladodo). 2. Infektsionnye kliniki (for Dobrokhotova and Ladodo). 3. Laboratoriya razvitiya mozga (for Klosovskiy and Ladodo). 4. Akademiya meditsinskikh nauk SSSR (for Dobrokhotova and Klosovskiy). (Influenza) (Whooping cough) (Nervous system)

Dissertation: "Clinicomorphological Changes of the Central Nervous System in Whooping Cough." Cand Med Sci, Acad Med Sci USSR, 12 May 54. Vechernyaya Moskva, Moscow, 3 May 54.

SO: SUM 284, 26 Nov 1954

LADODO, K.S.

Condition of health in a child following whooping cough, viral influenza and encephalitis. Pediatriia no.2:81-83 Mr-Ap '54. (MLRA 7:6)

1. Iz infektsionnogo otdela (rukovoditel'-zasluzhennyy deyatel' nauki prof. A.I.Dobrokhotova) Instituta pediatrii (dir. prof. N.N.Kazantseva) na baze bol'nitsy imeni Rusakova (glavnyi vrach zasluzhennyy vrach V.A.Kruzhkov)

(WHOOPING COUGH, complications,
*influenza & encephalitis, sequelae)
(INFLUENZA, in infant and child,
*with encephalitis & influenza, sequelae)
(ENCEPHALITIS, in infant and child,
*with influenza & whooping cough, sequelae)

LADODO, K.S., kand.med.nauk; BAVAYEVA, S.N.

Treatment of whooping cough with placental γ-globulin [with summary in English]. Pediatriia 36 no.2:38-42 F '59. (MIRA 12:4)

1. Iz otdela ostrykh detskikh infektsiy (zav. - chlen-korrespondent AMN SSSR prof. A.I. Dobrokhotova [deceased]) Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva) i laboratorii gamma-globulinov (zav. - kand. med. nauk N.A. Ponomareva) Instituta vaktsin i syvorotok imeni I.I. Mechnikova (dir. - prof. A.I. Muzhchenko).

(WHOOPING COUGH, ther.
placental γ-globulin (Rus))
(GAMMA GLOBULIN, ther. use
placental γ-globulin in whooping cough (Rus))

NOSOV, S.D., prof.; LADODO, K.S., kand.med.nauk; KUZ'MINSKAYA, G.Ya.; NIKOLAYEVSKIY, G.P.; ITSKLIS, F.G.; VINTOVSKINA, I.S.; KAGANOVICH, N.I., ZHUKOVA, L.D.; MIL'NER, B.I.; OSHEROVICH, A.M. PILATSKAYA, Ye.P.

Clinical epidemiological characteristics of certain viral infections in children's institutions. Pediatriia 39 no.4:6-13 Ap '61. (MIRA 14:4)

1. Iz otdela detskikh infektsii (zav. - prof. S.D. Nosov) Instituta pediatrii AMN SSSR i epidemiologicheskogo otdela (zav. - S.A. Samvelova) Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.

(VIRUS DISEASES)

LADODO, K.S., kand.med.nauk; VINTOVKINA, I.S.; SUN LIN'-LIN' [Sung Lin-Lin]; PILATSKAYA, Ye.P.; NIKOLAYEVSKIY, G.P.

Clinical characteristics of influenza caused by the A2 virus in restricted children's institutions, according to data from 1960 to 1961. Pediatriia 42 no.1:42-47 Ja'63. (MIRA 16:10)

1. Iz otdela ostrykh detskikh infekstiy (zav. - prof. S.D.Nosov) Instituta pediatrii (dir. - dotsent M.Ya. Studenikin) AMN SSSR i epidemiologicheskogo otdela (zav. S.A.Sambelova) Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.
(INFLUENZA--MICROBIOLOGY) (CHILDREN--DISEASES)

STAROSCIK, Rudolf, mgr; LADOGORSKI, Pawel, mgr

Utility evaluation of some colored reactions for the colorimetric determination of indium. Chem anal 9 no.1:97-102 '64.

1. Department of Inorganic Chemistry, Academy of Medicine, Wroclaw.

1. LADOKHIN, N.P.

2. USSR (600)

4. Granite

7. Singular forms of wind erosion of granite. Priroda 41 no. 10, 53

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

LADOKHIN, N.P.

Dynamics and distribution of silt in connection with the nature of bottom relief in the littoral zone of the southeastern Baikal. Trudy Okean. kom. 2:24-34 '57. (MLRA 10:9)

1. Institut geologii VSF Akademii nauk SSSR.
(Baikal, Lake--Silt)

LADOKHIN, M.

Bottom relief of the southern part of Lake Baikal. Izv. AN SSSR. Ser. geog. no.4:74-82 Jl-Ag '57. (MIRA 11:1)

1. Institut geologii Vostochno-Sibirskogo filiala AN SSSR.
(Baikal, Lake--Submarine topography)

LADOKHIN, N.P.

Geomorphology of the Baikal shelf. Izv. Sib. otd. AN SSSR no.1: 3-13 '58. (MIRA 11:8)

1. Vostochno-Sibirskiy filial AN SSSR.
(Baikal, Lake--Hydrography)

Ladokhin, N.P.

SOV/49-59-10-19/19

AUTHOR: Solov'yev, S. L.

TITLE: Session on Seismology and Tectonics of the Pre-Baikal and the Adjacent Regions

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya 1959, Nr 10, pp 1527-1528 (USSR)

ABSTRACT: The Session took place on the 9 to 17 June 1959. It was convened by the Council on Seismology, Ac. Sc. USSR; the East Siberian Geological Institute, Ac. Sc. USSR, the Irkutsk State University. It was opened by the Chairman of the East Siberian Seismic Department, Ac. Sc. USSR, Professor V. A. Krotov. The following scientists submitted their papers: A. A. Treskov (Seismic Station Irkutsk) - Seismicity of the Pre-Baikal, N. A. Florensov (East Siberian Geological Institute) - Earthquakes Determined from Excavated Rocks, B. A. Petrushevskiy (Institute of Physics of the Earth, Ac. Sc. USSR) - Geological Development in South Siberia, V. A. Aprodov (Moscow University) - Geomorphology and Seismo-Tectonics of Mongolia, I. A. Rezanov (Institute of Physics of the Earth, Ac. Sc. USSR) - Neo-Tectonics of the Far East, V. M. Danilovich (Irkutsk Institute of

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Mining and Metallurgy) - Morphological Peculiarities of the Pre-Baikal, N. P. Ladokhin (East Siberian Geological Institute) - Tectonic Motions of the Bottom of Gulf Proval, V. P. Solonenko and N. A. Florensova (East Siberian Geological Institute) - Foci of Gobi-Altai Earthquakes, S. V. Puchkov and P. I. Khovanova (Institute of Physics of the Earth, Ac. Sc. USSR) - Results of the Pre-Baikal Seismic Expedition, S. L. Solov'yev (Council on Seismology, Ac. Sc. USSR) - Analysis of the Earthquake Chart of the Pre-Baikal, K. V. Pshennikov (Seismic Station Irkutsk) and A. V. Vvedenskaya (Institute of Physics of the Earth, Ac. Sc. USSR) - Motions in the Foci of Strong Baikal Earthquakes. L.M. Balakina (Institute of Physics of Earth, Ac. Sc. USSR) - Motions in the Foci of Gobi-Altai Earthquakes, A. P. Bulmasov (Irkutsk University) - Chart of Magnetic and Gravitational Anomalies of the Pre-Baikal, Ye. K. Grechishchev (East Siberian Geological Institute) - Costal Motions of the Lake Baikal, L. A. Misharina (Irkutsk University) A. A. Treskov and G. M. Medvedeva

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(Seismic Station, Irkutsk) - Seismo-Tectonics of the Pre-Baikal, V. N. Gayskiy (Institute of Seismo-Rigidity of Constructions and Seismology Ac. Sc. Tadzik SSR) - Earth's Crust, V. N. Bichevina (Sakhalin Scientific Institute, Sakhalin Branch of Ac. Sc. USSR) - Thickness of the Earth's Crust in the Far East, O. N. Solov'yeva, E. F. Savarenskiy and A. P. Lazareva (Institute of Physics of the Earth, Ac. Sc. USSR) - Mean Thickness of the Earth's Crust in the Arctic Sea, G. P. Chernykh (Seismic Station Petropavlovsk) - Earthquake in Kamchatka on the 4 May 1959, M. G. Arabekov (Institute of Geology, Ac. Sc. Azerbaydzhan SSR) - Fold Formations in Apcheronsk Peninsula, Li Shan'-pan (Institute of Geophysics and Meteorology, Chinese Ac. Sc.) - Seismological Investigations in China, and L. Natsagyus (Committee for Sciences and Higher Schools, Mongolian Republic) - Tectonics of Central Mongolia. Others who took part in the discussions were Corresponding Members of the Ac. Sc. USSR, A. A. Fotiadi and Yu. A. Kosygin,

Card 3/4

The Director of the East Siberian Geological Institute M. M. Odintsov, and the Deputy Director of the Institute of Physics of the Earth, Ac. Sc. USSR, Ye. A. Koridalin. The Session was closed by the Rector of the Irkutsk University, V. Ya. Rogov.

LADOKHIN, N.P.

Longitudinal displacement of transported material on the southeastern shore of Lake Baikal. Trudy Vost.-Sib.fil.AN SSSR no.10:22-28 '59. (MIRA 13:4)

(Baikal, Lake--Sediments (Geology))
(Shore protection)

KAZENKINA, G. A.; LADOKHIN, N. P.

Geomorphology and bottom sediments in Proval Bay. Trudy VSGI SO AN SSSR no.3:35-49 '61. (MIRA 15:10)

(Proval Bay—Geomorphology)
(Proval Bay—Sediments(Geology))

LADOKHIN, N. P.; GRECHISHCHEV, Ye. K.

Results of the study of recent tectonic movements along the banks of Lake Baikal. Trudy VSGI SO AN SSSR no.3:17-25 '61. (MIRA 15:10)

(Baikal, Lake—Geology, Structural)

KAZENKINA, G.A.; LADOKHIN, N.P.

Vertical distribution of recent sediments of Posol'sk Inlet on Lake Baikal. Dokl. AN SSSR 151 no.1:165-167 Jl '63. (MIRA 16:9)

1. Vostochno-Sibirskiy geologicheskiy institut Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom N.M.Strakhovym.
(Lake Baikal--Sediments (Geology)--Analysis)

ANTONOV, Yu.P.; SHURIN, E.S.; LADOKHIN, S.V.

Study of the possibility of using stone casting as an insulating material. Trudy MakNII 14. Vop. gor. elektromekh. no.5:10-12 '62. (MIRA 16:6)

(Stone) (Electric insulators and insulation)

LADOKHIN, S.V., inzh.; KHAN, B.Kh., kand. tekhn. nauk

Furnaces for obtaining molten stone for casting. Mashinostroenie no.3:59-64 My-Je '63. (MIRA 16:7)

(Stone, Cast) (Furnaces)

KHAN, B.Kh., kand.tekhn.nauk; LADOKHIN, S.V., inzh.

Improving the quality of melt for stone casting. Mashinostroenie no. 2:37-39 Mr-Ap '64. (MIRA 17:5)

LADOKHIN, S.V.; KHAN, B.Kh.

Some causes for rejects in stone casting. Lit. proizv. no.6:
12-13 Je '64. (MIRA 18:5)

LADOKHIN, S.V., inzh.; KHAN, B.Kh., kand.tekhn.nauk; UL'YANOV, V.L., kand. tekhn.nauk

Causes of the chemical heterogeneity of melts for stone casting. Stek. i ker. 22 no.3:7-9 Mr '65. (MIRA 18:10)

1. Institut problem lit'ya AN UkrSSR.

KAZANTSEV, V.V.; LADOKHIN, S.V.; LITVIN, V.A.; PANYUSHKIN, P.P.; UL'YANOV, V.L.

Service of a refractory lining in rotary kilns for the preparation of silicate melts for stone casting. Ogneupory 30 no.12:24-28 '65. (MIRA 18:12)

1. Institut problem lit'ya AN UkrSSR.

DALETSKIY, Yu.L.; LADOKHIN, V.I.

A class of functionals integrable by nonpositive distributions.
Ukr. mat. zhur. 15 no.4:418-420 '63. (MIRA 17:4)

LADOKHIN, V.I.

Calculation of continual integrals of the functionals $\Phi\left[\int_0^T \alpha_1(\tau)dx(\tau); \ldots \int_0^T \alpha_m(\tau)dx(\tau)\right]$. Usp. mat.nauk 19 no. 1:155-159 Ja-F '64. (MIRA 17:6)

ACCESSION NR: AR4039856 S/0044/64/000/004/V011/V011

SOURCE: Ref. zh. Matematika, Abs. 4V48

AUTHOR: Ladokhin, V. I.

TITLE: Distribution of certain functionals of trajectories of a Wiener process.

CITED SOURCE: Sb. Itog. Nauchn. konferentsiya Kazansk. un-ta za 1962 g. Sekts. matem. n. Kazan', Kazansk. un-t, 1963, 90-91

TOPIC TAGS: trajectory functional, distribution, Wiener process one dimensional

TRANSLATION: Under consideration is the one-dimensional Wiener process $x_t (t \geq 0)$, subject to the conditions $x(0)=0$ and $Ex_t^2 = \frac{t}{2}$. Among the author's assertions occurs, for example, the following one. The instant of time τ at which the trajectory x_t reaches its maximum value on the time interval $[0,t]$ is distributed according to the arcsine law. One of the variants of the conditional distribution of the above-mentioned maximum for a known instant τ is given by the equality

$$P\left(\max_{0<s<t} x(s) < x \mid \tau\right) = 1 - \exp(-x^2/\tau),$$

where $x \geq 0$. The probability density $g(t)$

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ACCESSION NR: AR4039856

of the instant at which the Wiener trajectory first reaches the value ct + ε satisfies the equation

$$g(t)=\frac{\varepsilon}{t\sqrt{\pi t}}\exp\left\{-\frac{(ct+\varepsilon)^2}{t}\right\},$$

where c and ε are constants. M. Shur

DATE ACQ: 15May64 SUB CODE: MA ENCL: 00

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ACCESSION NR: AR5009617 UR/0372/65/000/001/V008/V008

SOURCE: Ref. zh. Kibernetika. Sv. t., Abs. 1V42

AUTHOR: Ladokhin, V. I.

TITLE: Distribution of the instant when a Wiener process reaches the trajectory maximum

CITED SOURCE: Uch. zap. Kazansk. un-t, v. 123, no. 6, 1963, 43-55

TOPIC TAGS: Wiener process, random quantity, trajectory maximum

TRANSLATION: The Wiener process is denoted by $x(t)$. A random quantity $\tau_m^{[0,t]}$, which is the instant when the maximum of the trajectory $x(\tau)$ on $[0, t]$ is reached, is considered. It is proved that the random quantity $\tau_m^{[0,t]}$ has an arcsine distribution, and that the conditional distribution of $\tau_m^{[0,t]}$ has a uniform distribution when $x(t) = 0$. The joint distribution of the random quantities $\tau_m^{[0,t]}$ and $x(\tau_m^{[0,t]})$, and also the joint distribution of $\tau_m^{[0,t]}$ and $\max_{\lambda<\tau<t} x(\tau)$, are ca-

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culated. It is proved here that the maximum of the trajectory has a Rayleigh type condition distribution, under the condition that the maximum is attained at a given point. To obtain these results, the author uses the formula

$$P\left(\max_{0<\tau<l_1} x(\tau)<a_1;\ \max_{l_1<\tau<l_2} x(\tau)<a_2\right)=$$
$$=\theta(a_1)\int_{-\infty}^{+\infty}\theta(a_1-x)\,\theta(a_2-x)\left[1-e^{-\frac{x^2-(a_1-x)^2}{l_1}}\right]\frac{1}{\sqrt{l_1}}\cdot$$
$$\cdot e^{-\frac{x^2}{l_1}}\,\mathrm{erf}\left(\frac{a_2-x}{\sqrt{l_2-l_1}}\right)dx.$$

At the beginning of the paper there is given a new simpler proof of this formula, first given by the author in his earlier paper (RZhMat, 1964, 4V48). The remaining part of the paper is devoted to the determination of the distributions of certain quantities that depend on the realization of the Wiener process, namely, an expression is written out for

$$P\left(\int_{\substack{x(\tau)>0\\0<\tau<l_1}} d\tau<\lambda;\ \int_{\substack{x(\tau)>0\\l_1<\tau<l}} d\tau<\mu\right).$$

LADOKHIN, V.I. (Kazan')

A sequence of continuous integrals. Izv. vys. ucheb. zav.; mat. no.4:84-90 '65. (MIRA 18:9)

LADÁNYI, I.; [illegible], M.

"Metallic Recuperators Using the Heat Radiation of Flue Gases" (To Be Cont'd), P. 339, (MAGYAR VEGYIPARI, Vol. 7, No. 8, August 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

LADOMERY, I.; BENES, E.

"Metallic Recuperators Using the Heat Radiation of Flue Gases", p. 387, (MAGYAR ENERGIAGAZDASAG, Vol. 7, No. 9, September 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

CHESALIN, G.; LADONIN, F.

Effectiveness of using herbicides. Vop. ekon. no.11:86-90 N '61. (MIRA 14:11)

(Herbicides)

LADONIN, V. F.

At the all-Union conference on the problems of weed control. Zemledelie 5 no.4:92-95 Ap '57. (MLRA 10:6)
(Weed control)

LADCHIN, V.F., Cand Agr Sci --(diss) "Weed European bindweed and measures of controlling it in Kurganskaya Oblast." Mos, 1959. 24 pp (All-Union Order of Lenin Acad of Agr Sci im V.I. Lenin. All-Union Scientific Research Inst of Fertilizers and Agro-Soil Science), 150 copies (KL, 30-59, 121)

-40-

CHESALIN, G.A.; LADONIN, V.F.; LEONOVA, T.S., red.; LEVINA, L.G., tekhn. red.

[Weeds one destroyers of crop yields] Sorniaki - raskhititeli urozhaia. Moskva, Izd-vo M-va sel'.khoz.RSFSR, 1960. 37 p. (MIRA 14:12)
(Weeds)

LADONIN, V.F., kand.sel'skokhozyaystvennykh nauk

Expanding the use of herbicides. Zemledelie 23 no.12:56-66 D '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya.

(Herbicides)

CHESALIN, G.A., kand.sel'skokhozyaystvennykh nauk; LADONIN, V.F., kand. sel'skokhozyaystvennykh nauk; KHABIBRAKHMANOV, Kh.Kh.

Chemical control of weeds in green fallows. Zemledelie 24 no.5:58-66 My '62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya.

(Weed control)
(Fallowing)

SHIPINOV, N.A.; MARKELOV, G.A.; LADONIN, V.F.

New developments in controlling the wild oat in virgin lands.
Zashch. rast. ot vred. i bol. 7 no.3:33-34 Mr '62. (MIRA 15:11)
(Virgin Territory--Wild oats) (Weed control)

LADONIN, V.F., kand.sel'skokhoz.nauk

Herbicides. Zashch. rast. ot vred. i bol. 8 no.5:36-38 My '63.
(MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya, Moskva.

(Herbicides)

SHIPINOV, N.A., kand. sel'skokh. nauk; LADONIN, V.F., kand. sel'skokh. nauk; MARKELOV, G.A.

Karbin, a herbicide for controlling wild oats. Zemledelie 25 no.6:49-58 Je '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity rasteniy (for Shipinov, Markelov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya (for Ladonin).

(Wild oats) (Herbicides)

LADONIN, Vadim Feopentovich, kand. sel'khoz. nauk; VOYTOV, Pavel Ivanovich, kand. sel'khoz. nauk; ZELENETSKAYA, L.V., red.; LEVINA, L.G., tekhn. red.

[Herbicides and the mechanization of their use; text book for agrochemical compulsory education] Gerbitsidy i mekhanizatsiia ikh vneseniia; posobie dlia agrokhimicheskogo vseobucha. Moskva, Rossel'khozizdat, 1964. 124 p.
(MIRA 17:3)

LADONIN, V.F., kand.sel'skokhoz.nauk; BOLTUKHIN, F.P., agronom

Questions and answers. Zashch. rast. ot vred. i bol. 9 no. 4: 34,39 '64. (MIRA 17:5)

LADONIN, V.F., kand. sel'skokhoz. nauk

Herbicides for grain fields. Zashch. rast. ot vred. i bol. 9 no.5:34-35 '64. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya, Moskva.

LADONITSKIY, YU.

84-9-10/47

AUTHOR: Ladonitskiy, Yu., (Groznyy)

TITLE: On a Mission with Foresters (Po zakazu lesoustroiteley)

PERIODICAL: Grazhdanskaya Aviatsiya, 1957, Nr 9, pp. 7-8 (USSR)

ABSTRACT: The aerial photography squad, whose chief is Ye. A. Bolotin, was awarded the Challenge Red Banner for work in the Caucasus. The operational base is the Groznyy airport. The article describes an instance of such operations; in this case the forests photographed are in the Chechen region. The crew included the aircraft commander, Sergey Yakovlevich Baryshev, accompanied by the navigator, Avgustina Stepanovna Perepechina (a woman), the second pilot, Gennadiy Konstantinovich Platonov, the mechanic, Viktor Sergeyevich Nikolayev, and the photographer, N. N. Titov. The pictures are developed in the laboratory whose chief is Ivan Pavlovich Antipov, and printed in the laboratory whose chief is Vera Georgiyevna Zubareva (a woman). Two other employees are mentioned, both women: Zina Nikolayeva and Dina Tumanova. The time spent by the aircraft to take one series of pictures of the wooded area is about one hour. Three photos accompany this article. Left photo on page 7 shows N. Titov on board the aircraft, operating the photographic equipment. Right photo (in a circle) shows I. Antipov and his assistant, V. Tomin (to the left) examining the film. Photo on page 8 shows Z. Nikolayeva, V. Zubareva and D. Tumanova assembling the prints. The photographs were made by N. Tatarov.

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84-9-10/47

On a Mission with Foresters (cont.)
AVAILABLE: Library of Congress
Card: 2/2

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J. Natanson-Leski's Zarys granic i podzialow Polski najstarszej (Outline of Borders and Divisions of Early Poland); a book review. p. 412.
Vol 25, no. 4, 1954. CZASOPISMO GEOGRAFICZNE. Wroclaw, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

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Schizophrenia in uniovular twins. Neurol.neurochir.psychiat. pol. 13 no.5:707-714 '63.

A case of schizophrenia in uniovular twins. 715-719

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Development of psycho-endocrinology and views on the role of endocrine disorders in the etiopathogenesis of mental diseases. Neurol. neurochir. psychiat. Pol. 14 no.1:171-176 Ja-F '64.

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Present state of the studies on bacillary dysentery in the Soviet Union according the literature published during 1953. Przegl. epidem. 8 no.2:105-112 1954.

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(DYSENTERY, BACILLARY,
review, Russian literature)

LADOSZ, J.; TOMASZKO, H.; KOLLOTO, B.

Dysentery in the Bialystok during 1953. Przegl. epidem. Warsz. 9 no.2:81-94 1955.

1. Z. Zakladu Epidemiologii Panstwowego Zakladu Higieny i Wojewodzkej Stacji Sanitarno-Epidemiologicznej w Bialymstoku.
(DYSENTERY, BACILLARY, epidemiology, in Poland)

LADOSZ, Jadwiga

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IADOSZ, Jadwiga

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1. Z Zakladu Epidemiologii Panstwowego Zakladu Higieny.
(SHIGELLA DYSENTERIAE, eff. of drugs on,
antibiotic & sulfonamide sensitivity (Pol))
(SULFONAMIDES, effects,
on Shigella dysenteriae, sensitivity (Pol))
(ANTIBIOTICS, effects,
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1. Department of Bacteriology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw, Department of Medical Microbiology, School of Medicine, Wroclaw.
(PHAGOCYTOSIS)

KOSTRZEWSKI, Jan; PLACHCINSKA, Janina; LADOSZ, Jadwiga; RZUCIDLO, Ludwik

Preliminary studies on the standardization of an active test on mice immunized with typhoid endotoxin and infected with S. typhi. Przegl. epidem. 15 no.3:295-309 '61.

1. Z Zakladu Epidemiologii Panstwowego Zakladu Higieny i z Centralnego Laboratorium Zjednoczenia Wytworni Surowic i Szczepionek w Warszawie.
(TYPHOID immunol)

LADOSZ, Jadwiga

Evaluation of vaccines and of the effectiveness of vaccinations against typhoid fever. IX. Use of the phagocytosis test in the evaluation of the effectiveness of vaccinations against typhoid fever. (Preliminary communication), Przegl. epidem. 17 no.1/2: 63-70 '63.

1. Z Zakladu Mikrobiologii Akademii Medycznej we Wroclawiu Kierownik: prof. dr St. Slopek.
(TYPHOID-PARATYPHOID VACCINES)
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LADOSZ, Jadwiga

The use of the phagocytic test in the evaluation of the immunizing potency of typhoid vaccines. Arch. immun. ther. exp. 12 no.4:455-472 '64

1. Department of Microbiology, School of Medicine, Wroclaw.

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1. Department of Microbiology, School of Medicine, Wroclaw, Department of Bacteriology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

SLOPEK, Stefan; LADOSZ, Jadwiga; HRYNCEWICZ, Kryspina; BRZUCHOWSKA, Wanda

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1. Department of Microbiology, School of Medicine, Wroclaw; Department of Bacteriology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

SLOPEK, Stefan; LADOSZ, Jadwiga; GRZYBEK-HRYNCEWICZ, Kryspina

An attempt to identify the components of complement in rat serum immunoelectrophoretically. Arch. immun. ther. exp. 13 no.3:324-330 '65.

1. Department of Microbiology, School of Medicine, Wroclaw; Department of Bacteriology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw.

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1. Department of Microbiology, School of Medicine, Wroclaw; Department of Bacteriology, Institute of Immunology and Esperimental Therapy, Polish Academy of Sciences, Wroclaw.

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CHEMIK

Vol. 7, No. 9 Sept. 1954. Warszawa, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10 Oct. 56

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SCIENCE

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LADOWSKI, Z. Carbide and methane as raw materials for acetylene chemistry in Poland. Pt. 1. p. 303.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959, Unclass.

LADOWSKI, Z.

SCIENCE

Periodicals: CHEMIK. Vol. 11, no. 11, Nov. 1958

LADOWSKI, Z. Carbide and methane as raw materials for acetylene chemistry in Poland. Pt. 2. p. 345.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959, Unclass.

PLASKURA, Wladyslaw; LADOWSKI, Zdzislaw

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1. Zjednoczenie Przemyslu Syntezy Chemicznej, Warszawa.

LADOWSKI, Zdzislaw, mgr inz.

New method of oxidizing olefins to aldehydes and ketones.
Chemik 17 no.5:156-160 My '64.

LADOZHIN, Yu.A. (g.Tambov)

Esthetic training of students in chemistry classes. Khim. v shkole 10 no.6:24-28 N-D '55. (MLRA 9:1)
(Chemistry--Study and teaching)

BOCHKOVSKAYA, I.V., gornyy inzh., red.; BONDARENKO, Yu.A., gornyy ibzh., red.; VELICHKO, A.P., gornyy inzh., red.; GONTARENKO, V.A., gornyy inzh., red.; OSTASHEVSKIY, G.Ye., gornyy inzh., red.; OKUNEV, A.L., gornyy inzh., red.; KIRILENKO, R.Ye., gornyy inzh., red.; LADOZHINSKIY, V.N., gornyy inzh., red.; LOBAS, A.S., gornyy inzh., red.; MAKAROVA, N.I., gornyy inzh., red.; POLYANSKIY, F.S., gornyy inzh., red.; SHTUNDER, I.I., gornyy inzh., red.; ARSENT'YEV, A.I., kand. tekhn. nauk, otv. red.; PROZOROVSKIY, Ye.G., tekhn. red.

[Handbook on engineering standardization for open-pit mining] Spravochnik po tekhnicheskomu normirovaniiu otkrytykh gornykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 264 p. (MIRA 14:10)

1. Krivoy Rog. Gornorudnyy institut.
(Strip mining--Standards)

ZASLAVSKIY, Yu.Z., kand.tekhn.nauk; LADOZHINSKIY, V.N., inzh.

Efficiency of various flowsheets for shaft sinking in the Krivoy Rog Basin. Shakht. stroi. 5 no.5:11-16 My '61. (MIRA 14:6)

1. Trest Krivbassshakhtoprokhodka (for Zaslavskiy). 2. Nauchno-issledovatel'skiy gornorudnyy institut (for Ladozhinskiy).
(Krivoy Rog Basin—Shaft sinking)

LADOZHINSKIY, V.N., inzh.; MESHCHANOV, L.I., tekhnik

Establishing standards for the removal of rocks by machines with cyclic operation. Shakht. stroi. 7 no.3:11-12 Mr '63 (MIRA 17:7)

1. Nauchno-issledovatel'skiy gornorudnyy institut.

MINKOV, D., inzh.; LADOZOV, Kh., inzh.

The "Ruse-Iztok" Thermoelectric Power Plant. Elektroenergiia 15 no.4:14-18 Ap '64.

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Chaplets in the production of central heating boilers.
Przegl odlew 11 no.11:341-345 '61.

S/064/61/000/001/006/011
B132/B218

AUTHORS: Yershov, V. A., Ladskiy, N. K., Pagnuyeva, I. A.

TITLE: Permissible content of phosphorus compounds in acetylene

PERIODICAL: Khimicheskaya promyshlennost', no.1, 1961, 25-29

TEXT: According to the specification ГОСТ 1460-56 (GOST 1460-56), only carbide with a content of phsophorus compounds that does not exceed 0.08% (referred to PH_3) may be used for the production of acetylene. This low value must be observed because of the spontaneous ignition of acetylene in the presence of larger quantities of phosphorus compounds. Data given in publications on the PH_3 content causing ignition of acetylene are very contradictory. This may possibly be explained by the fact that the experiments underlying the above-mentioned published data were made with artificial acetylene mixtures of C_2H_2 and PH_3, and that the organic phosphorus compounds which also form during the evolution of C_2H_2 were not taken into account.

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Permissible content of phosphorus... S/064/61/000/001/006/011
B132,B218

The authors are of the opinion that: 1) phosphorus compounds cause not only ignition, but also reduce the ignition temperature of inflammable mixtures. In this connection, also very small quantities of PH_3 may be of importance. 2) Natural mixtures of C_2H_2 that were produced from carbide containing small admixtures of phosphorus compounds must be used. 3) The temperature of spontaneous ignition of acetylene-air mixtures with different contents of phosphorus compounds must be determined. From this a standard may be specified for the acetylene generator. First, the most inflammable acetylene-air mixture and the influence of phosphorus additions on the ignition temperature must be determined. In addition to that, it is necessary to determine the ignition temperature below which, under any conditions, no ignition occurs. In an arc furnace, various quantities of lime, coke and calcium phosphate were molten. The phosphorus compounds were determined iodometrically from GOST 1460-56, 5457-50 (GOST 1460-56, 5457-50). The most inflammable mixture was determined by three methods. According to method (I), the acetylene-air mixture was passed through an electrically heated porcelain tube. The ignition temperature was measured with a Cr-Al thermo-

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