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313 p.
"Literatura": p. (307)-(314)

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"On the Nature of Viruses and Microbes", Zota Tvarinnitsvo (Socialistic Livestock Breeding), Kiev, No. 6, pp 46-48, 1950.

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SO: Veterinarnyy Entsiklopedicheskiy Slovar, Vol. II, pp 613-616;1951

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"Rabies of animals."
Moscow-Leningrad. Sel'khozgiz, 1951. 24 pages with illustrations.
SO: Vet., May 1952, Unclassified.

The author of the pamphlet, describing the causes of the illness and how the infection of various animals occurs, points out the methods of recognizing the disease and the organization-prophylactic measures in the fight against distemper.

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Prevention and elimination of communicable diseases in animals. Moskva. Gos. izd-vo selkhoz lit-ry, 1951.

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SKOMOROKHOV, A. L.: Foot and mouth. Second revised and supplemented edition. Moscow-Leningrad. Agricultural Publishing House. 1952. 240 pages with illustrations. Price 5 rubles, 95 kopeks, bound. 20,000 copies.

SO: Veterinariya; 30; (1); January 1953; Uncl. TABCON

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[Infectious diseases of animals] Zaraznye bolezni zhivotnykh. Moskva, Gos. izd-vo selkhoz lit-ry, 1956. 603 p. (MLRA 9:7)
(Veterinary medicine)

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SKOMOROKHOV, A. L.

"Brucellosis," Zaraznyye Bolezni Zhivotnykh (Infectious Diseases of Animals), by A. L. Skomorokhov, Moscow, 1956, pp 105-106

[Comment: The following is a translation of the Section entitled "Prophylactic Measures" from the chapter on brucellosis in the above-mentioned book.]

"After abortion due to brucellosis, animals acquire increased immunity to repeated infection. Convalescent animals, as a rule, acquire rather stable and continued immunity. This observation was verified in a number of investigations designed to develop a method of specific prophylaxis of brucellosis.

"In foreign countries, particularly the US, England, Denmark, France, etc., work on the discovery of methods of specific prophylaxis of brucellosis has been conducted for a long time. This problem was first resolved in the US (Cotton, Beck, and Smith), where vaccine strain No 19, which is a weakly virulent culture of the bovine type of Brucella, and which served in ensuing work as initial material for preparing brucellosis vaccine, was obtained. At the present time, the aforementioned vaccine -- strain No 19 -- is used as a prophylactic agent not only in the US but in many countries (England, Denmark, etc.).

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"In the USSR, the search for brucellosis vaccines began in the 1920s (S. N. Vyshelesskiy, N. A. Mikhin, etc.). Work along these lines has been carried out in a number of institutes and laboratories for the past 15-20 years on a particularly large scale.

"Soviet investigators have performed much research in this field (S. N. Muromtsev, M. K. Yuskovets, P. N. Zhovanik, M. M. Ivanov, M. V. Revo, etc.). Much of this work is a significant contribution to the study of the problem of vaccination and immunity in brucellosis. Many different brucellosis vaccines have been proposed and have been subjected to rigorous testing under production and conditions.

"Of all the brucellosis vaccines which were tested directly on kolkhozes and sovkhozes, the vaccine from the American strain No 19 of live, weakly virulent bovine-type Brucella has proved to be the most effective.

"A high evaluation of brucellosis vaccine from strain No 19, based on testing over the course of many years under laboratory and production conditions, was accorded at the Plenum of the Veterinary Section of VASKhNIL (All-Union Academy of Agricultural Sciences imeni Lenin) in 1954

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( M. K. Yuskovets, M. M. Ivanov, S. N. Muromtsev, K. F. Lamikhov, G. S. Blagoveshchenskaya, P. A. Trilenko, etc.), and it was finally approved by the Ministry of Agriculture USSR for use in practice.

"Much data concerning the use of the dry brucellosis vaccine prepared from strain No 19 (A. A. Dorofeyev and V. M. Futimov) has been accumulated. This vaccine is known under the name 'NIIEG'* (Note: Kirov Scientific Research Institute of Epidemiology and Hygiene). According to the data of G. S. Blagoveshchenskaya, the dry 'NIIEG' vaccine was employed on a large scale in G. oblast (1944-1951) during the period when brucellosis was being eradicated. As the observations of the author have shown, it protects animals from infection after contact with cattle infected with brucellosis. After the vaccine is injected into the animals, it occasions an insignificant reaction in the form of a slight increase in body temperature. Appetite is maintained after inoculation of the vaccine. The vaccine itself caused no abortions in pregnant heifers even during the second half of pregnancy. It was completely harmless. Within 15-20 days after vaccination, antigens appeared in 87-97% of the animals, and in almost half, complement-fixing antibodies were apparent.

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"The animals acquired a high degree of sensitivity to the introduction of allergic preparations (abortin, etc.). The aforementioned reactions in young animals disappeared in the course of time.

"V. P. Tul'chinskaya was also occupied with the testing of the dry "NIIEG' vaccine. The vaccine was introduced intracutaneously to young animals. As a result, calving proceeded normally in all primiparous cows. Upon testing of postvaccinal immunobiological reactions, it was established that agglutinins were formed in a titer of 1:2000 and higher, and at the same time complement-fixing substances were not apparent in the blood or milk. These data also substantiate the practical value of the dry brucellosis vaccine.

"Besides brucellosis vaccines from strain No 19, many other brucellosis vaccines proposed by various investigators have been tested under production conditions in recent years. In this respect, VIEV [Vsesoyznyy Institut Eksperimental'noy Veterinarii, All-Union Institute of Experimental Veterinary Medicine] brucellosis (deposited) vaccine. (M. K. Yuskovets), prepared from strain No 68, is well-known.

"According to the report of R. V. Tuzova (Institute of Animal Husbandry, Academy of Sciences Belorussian SSR), upon testing of the aforementioned vaccine under production conditions, positive results were obtained in an experiment in which cattle were inoculated (98,1% of the inoculated animals were protected from brucellosis).

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"The UIEV [Ukrainskiy Institut Eksperimental'noy Veterinarii, Ukrainian Institute of Experimental Veterinary Medicine] brucellosis vaccine (P. N. Zhovanik, etc.) is not the least interesting and prospective. From 1948 to 1954, more then 10,000 young animals (from 5-6 months to 2-2 1/2 years of age) on 20 large farms were inoculated. According to the data of the same authors, the inoculation of cattle with the EIEV vaccine positively protected the animals against brucellosis.

"For a number of years, a formol-alum vaccine proposed by V. A. Nikolayeviy (Leningrad NIVI [Leningradskiy Nauchno-Issledovatel'skiy Veterinarnyy Institut, Leningrad Scientific-Research Veterinary Institute]) was tested under farm conditions. It was prepared from strain Br. suis No 22; the aforementioned vaccine did not prove out in the numerous tests under farm conditions, and cannot be considered prospective."

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[Virus diseases of animals] Virusnye bolezni zhivotnykh. Moskva, Sel'khozizdat, 1963. 564 p. (MIRA 17:1)

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SKOMOROKHOV, A.L., prof., doktor veter. nauk

Elimination of foot-and-mouth disease as the most important task. Veterinariia 40 no.8:11-14 Ag '63. (MIRA 17:10)

1. Ryazanskiy sel'skokhozyaystvennyy institut.

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RYSIN, V.I., inzh.; MEKLER, Z.M., inzh.; KUNITSKIY, K.P., kand.tekhn. nauk; ZAYTSEV, V.F., inzh.; SKOMOROKHOV, B.A., inzh.

Exchange of experience between the enterprises of economic councils. Torf. prom. 38 no.5:31-34 '61. (MIRA 14:10)

1. Torfopredpriyatiye Radovitskiy mokh Mosoblsovnarkhoza (for Rysin). 2. Predpriyatiye Pel'gorskoye Lensovnarkhoza (for Mekler). 3. Institut torfa AN BSSR (for Kunitskiy). 4. Komsomol'skoye transportnoye upravleniye Ivanovskogo sovnarkhoza (for Zaytsev). 5. Predpriyatiye Tosovo Lensovnarkhoza (for Skomorokhov).
(Peat machinery)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, F.F.

High-speed crosscutting in the Kuznetsk Basin. Nauch. trudy NPI 32:31-38 '55. (MLRA 10:2)

(Kuznetsk Basin--Coal mines and mining)

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SKOMOROKHOV, G.P.

An experimental coating of drainage fittings with the GEN-150 acid-resisting elastomer. Ugol' 40 no.8:79 Ag '65. (MIRA 18:8)

1. Kizelovskiy rudoremontnyy zavod.

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GIMOYAN, G.G., kandidat tekhnicheskikh nauk; GLUSHKO, V.V., inzhener; SKOMOROKHOV, I.M., tekhnik.

Protection of three-page motors against two-phase operations
Prom.energ. 11 no.9:15-18 S '56. (MLRA 9:11)
(Electric motors)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

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KARPOV, S.T.; BORISOV, S.A.; SKOMOROKHOV, K.M.

Increasing the size of weft packages for the ATK-100 looms. Tekst.prom. 22 no.6:59 Je '62. (MIRA 16:5)

1. Direktor khlopchatobumazhnogo kombinata imeni III Internatsionala Vladimirskogo soveta narodnogo khozyaystva (for Karpov). 2. Glavnyy inzh. khlopchatobumazhnogo kombinata imeni III Internatsionala Vladimirskogo soveta narodnogo khozyaystva (for Borisov). 3. Nachal'nik tkatskogo proizvodstva khlopchatobumazhnogo kombinata imeni III Internatsionala Vladimirskogo soveta narodnogo khozyaystva (for Skomorokhov).

(Looms)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, L.B., [translator]; GUBER, A.A., redaktor; LATYSHEV, I.S., redaktor; GERASIMOVA, Ye.S., tekhnicheskiy redaktor.

[Indonesia now. Translation from the English by L.B.Skomorokhov] Sovremennaia Indoneziia. Perevod s angliiskogo L.B.Skomorokhova. Red. i vstup. stat'ia A.A.Gubera. Moskva, Izd-vo inostrannoi lit-ry, 1955. 157 p. (MLRA 8:4)
(Indonesia--Description and travel)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, L. D

Indonesian trade unions defend the unity of the country. Sov. profsoiuzy 5 no.5:89 My '57. (MIRA 10:6)
(Indonesia--Trade unions)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, M.

With the help of voluntary economists. NTO 5 no.2:20 F '63. (MIRA 16:3)

1. Uchenyy sekretar' Rostovskogo oblastnogo soveta Nauchno-tekhnicheskikh obshchestv.

(Rostov Province—Industrial management)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

**The use of refined cast iron for the manufacture of special castings.** S. A. Skomorochov. *Liteinoe Delo* 8, No. 12, 27-8(1937); *Chem. Zentr.* 1938, II, 2485.—Expts. on the use of a cast iron contg. C 3.5, Si 1.5, Mn 1.5, P 0.3 and S 0.08% in the manuf. of special castings indicate that it can completely replace Cr-Ni cast iron and partially replace other materials. M. G. Moore

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**Thermoanthracite as a substitute for coke in the smelting of cast iron in the cupola furnace.** S. A. Skomorokhov. *Novosti Tekhniki* 7, No. 7, 36(1938); *Chem. Zentr.* 1939, I, 511.—By slow, very uniform heating of ordinary anthracite up to 1100° (18-19 hrs.) its S content is reduced from 2.5 to 0.8-1.2%; its water content and content in volatile constituents are likewise reduced. Such treatment increases the resistance to compression and heat as well as the content in micro- and macropores. Tech. expts. on the use of this material instead of coke in the smelting of cast iron showed it to have the following advantages over coke: The fuel required was reduced from 13.5 to 9% and the CaO from 4.2 to 2.7%. The temp. of the gas issuing from the throat of the furnace was reduced from 450 to 220°, the bath temp. was increased from 1355 and 1370-90° to 1410 and 1450-1500° (thus improving the properties of the metal). The $CO_2$ content in the products of combustion, the thermal coeff., and the output of the furnace were also increased (the last up to 40%) without any increase in the air or pressure requirements of the furnace or the wear on the lining. M. G. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOROKHOV, S. A.

Chief Metallurgist at the Stankolit Plant (-1946-)

Candidate of Technical Sciences

"Some Types of Flaws in Iron Casting" Stanki i Instrument 17, No. 1, 1946

FR-5205219

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SHELOTSEVNOV, S. A.

Candidate of Technical Sciences

Review of V. K. Shestopal and I. P. Yegorenkov, Otlivki iz chuguna (Iron Castings), Mashgiz, 1945
Stanki i instrument, 17, No. 6, 1946

FR 5205[illegible]

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, S. A.

USSR/Engineering - Foundry, Equipment Feb 52

"Rapid Fabrication of Molds for Cast-Iron Castings," S. A. Skomorokhov, Cand Tech Sci, "Stankolit" Plant

"Litey Proizvod" No 2, pp 2, 3

Outlines surface drying method for dry sand molds and cores, discussing compn and physicomech properties of quick-drying molding mixts. Discusses binders, which accelerate drying process, mold washes and surface-hardening emulsions. States that research work is being conducted to find method of coremaking by sand blasting and to develop binder permitting realization of chem drying process.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, S.A. [author]; CHERKASOV, L.M.

Remarks to S.A.Skomorokhov's article "New methods of controlling the fluidity and viscosity of core mixtures." Lit.proizv. no.9:32-3 of cover. S-O '53. (MLRA 6:9)

(Founding) (Skomorokhov, S.A.)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, S.A.

**Production of Steel in a Converter with Oxygen Blast.** S. A. Skomorokhov. (*Liteinoe Proizvodstvo*, 1955, (3), 21). [In Russian].—Recommended conditions for producing steel in an oxygen-blown converter are listed. Composition of the charge, blowing pressure, metal temperature and other factors are dealt with.—S. K.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

BERG, P.P., doktor tekhn.nauk; BIDULYA, P.N., doktor tekhn.nauk; GRECHIN, V.P., kand.tekhn.nauk; DOVGALEVSKIY, Ya.M., kand.tekhn.nauk; ZHUKOV, A.A., inzh.; ZINOV'YEV, N.V., inzh.; KRYLOV, V.I., inzh.; KUDRYAVTSEV, I.V., doktor tekhn.nauk; LANDA, A.F., doktor tekhn. nauk; LEVI, L.I., kand.tekhn.nauk; MALAKHOVSKIY, G.V., inzh.; MIL'MAN, B.S., kand.tekhn.nauk; SOBOLEV, B.F., kand.tekhn.nauk [deceased]; SKOMOROKHOV, S.A., kand.tekhn.nauk; STEPIN, P.I., kand.tekhn.nauk; USHAKOV, A.D., kand.tekhn.nauk; FRIDMAN, L.M., inzh.; KHRAPKOVSKIY, E.Ya., inzh.; TSYPIN, I.O., kand.tekhn.nauk; SHKOL'NIKOV, E.M., kand.tekhn.nauk; POGODIN-ALEKSEYEV, G.I., prof., doktor tekhn.nauk, red.; BOLKHOVITINOV, N.F., prof., doktor tekhn. nauk, red.toma; LANDA, A.F., prof., doktor tekhn.nauk, red.toma; RYBAKOVA, V.I., inzh., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Handbook on materials used in the machinery industry] Spravochnik po mashinostroitel'nym materialam; v chetyrekh tomakh. Pod red. G.I.Pogodina-Alekseeva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.3. [Cast iron] Chugun. Red.toma N.F.Bolkhovitov i A.F.Landa. 1959. 359 p. (MIRA 13:1)
(Machinery industry) (Cast iron)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

KRAYCHIK, M.M., kand.tekhn.nauk; MAKSIMOV, V.N., inzh.; Prinimali uchastiye: KOTEL'NIKOV, V.L.; KUZNETSOV, V.S.; SKOMOROKHOV, S.T.

Effect of certain factors on the resistance of welded structures to brittle failure. Svar. proizv. no.4:6-9 Ap '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.
(Structural frames--Welding)
(Steel, Structural--Brittleness)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 25444-66 EPF(n)-2/EWT(1)/EWT(m)/ETC(m)-6/EWP(e) WH

ACC NR: AP6009701 SOURCE CODE: UR/0181/66/008/003/0972/0974

AUTHORS: Strukov, B. A.; Minayeva, K. A.; Skomorokhova, T. L.; Isupov, V. A.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet); Institute of Semiconductors, AN SSSR, Leningrad (Institut poluprovodnikov AN SSSR)

TITLE: Thermal properties of antiferroelectric ceramic $PbMg_{1/2}W_{1/2}O_3$

SOURCE: Fizika tverdogo tela, v. 8, no. 3, 1966, 972-974

TOPIC TAGS: antiferroelectric material, lead compound, thermal effect, specific heat, temperature dependence, phase transition, dielectric constant, electric hysteresis, antiferroelectricity, metal ceramic material

ABSTRACT: The authors report results of measurements of the excess energy of the antiferroelectric phase transition in $PbMg_{1/2}W_{1/2}O_3$, and compare the results with those previously obtained for this compound. The specific heat was measured by a method described by one

Card 1/2

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L 25444-66

ACC NR: AP6009701

2

of the authors earlier (Strukov, FTT v. 6, 2862, 1964). The results show that the specific heat exhibits an anomalous increase in the temperature interval between 24 and 36C, rising from about 30 to 164 cal/mole-deg at 30.5C and then dropping again to about 29 cal/mole-deg. This anomaly at the vicinity of the Curie point indicates that the phase transition is of first order. Slight fluctuations on both sides of the maximum are briefly discussed but are shown not to be connected with any additional phase transition. The temperature dependence of the dielectric constant exhibits a hysteresis, likewise showing that the phase transition is of first order. The results can be reconciled with the theoretical temperature dependence of the square of the spontaneous antipolarization. The excess heat of the phase transition is determined from the temperature dependence of the specific heat and is found to be 276 cal/mole. The corresponding resultant change in volume is -0.22 $cm^3$/mole, which is in fair agreement with results by others based on calculations. The authors thank V.A. Koptsik for interest in the work and valuable remarks, and N.N. Kraynik for supplying experimental data on thermal expansion of the investigated ceramic. Orig. art. has: 2 figures and 3 formulas.

SUB CODE: 11,20/ SUBM DATE: 21Oct65/ ORIG REF: 008/ OTH REF: 002

Card 2/2 CC

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 26656-65 EWT(m)/EPF(c)/EWA(d)/EWP(j)/EWP(t)/EWP(b) Pc-4/Pr-4 RM/JD/WB/GS

ACCESSION NR: AT5002511 S/0000/64/000/000/0321/0328

AUTHOR: Skomorokhov, V. B.

TITLE: Simulation of the catalytic processes of partial oxidation on analog computers

SOURCE: Analogovyye metody i sredstva resheniya krayevykh zadach (Analog methods and means of solving boundary value problems); trudy Vsesoyuznogo soveshchaniya. Moskva, 1962 g. Kiew, Naukova dumka, 1964, 321-328

TOPIC TAGS: analog computer, electro simulation, partial oxidation, ethylene, methyl alcohol, catalytic oxidation

ABSTRACT: The paper presents a method for simulating the oxidation processes of a) ethylene to ethylene oxide and b) methyl alcohol to formaldehyde. The first reaction is accompanied by a side reaction yielding $CO_2$ and $H_2O$ and liberating a great deal of heat (1411.79 kilojoules compared to 137.74 per mole of ethylene for oxidation to the oxide). The reactions for this process were simulated on the MN-7 analog computer, and the reaction parameters were calculated to an accuracy within 3-4%. The optimal conditions for a given degree of conversion of ethylene or for a given quantity of catalyst could be determined graphically. Finally, the author studied the parametric sensitivity of the

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 26656-65

ACCESSION NR: AT5002511

oxidation of ethylene on a motionless film of catalyst. The optimal conditions for the oxidation of methyl alcohol to formaldehyde were determined by a similar technique. Orig. art. has: 5 figures and 8 formulas.

ASSOCIATION: None

SUBMITTED: 05Sep64 ENCL: 00 SUB CODE: DP, OC

NO REF SOV: 001 OTHER: 005

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SLIN'KO, M.G.; BESKOV, V.S.; SKOMOROKHOV, V.B.

Stability of contact apparatus having internal heat exchange.
Khim.prom. no.9:641-647 S '63. (MIRA 16:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, V.I.

Polytechnical principle in the students' industrial practice.
Politekh.obuch. no.12:21-24 D '58. (MIRA 11:12)

1. Mikhaylovskaya srednyaya shkola No.1 Stalingradskoy oblasti.
(Field work (Educational method))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

22(1) SOV/47-59-2-22/31

AUTHOR: Skomorokhov, V. I.

TITLE: Exchange of Experience (Obmen opytom) The Link Between Class Room Physics and Engineering in the 8th Grade (Svyaz' prepodavaniya fiziki s tekhnikoy v VIII klasse)

PERIODICAL: Fizika v shkole, 1959, Nr 2, pp 72-7[illegible] (USSR)

ABSTRACT: A Polytechnical Commission uniting the teachers of natural sciences, mathematics, practical training and fundamentals of production has been working at the undermentioned school for the last 2 years. The commission has played a great part in establishing a link between the instructors in teaching the fundamentals of science and industrial subjects. The distribution of material on natural science and mathematics, and on fundamentals of production in the curricula does not always permit theory to precede practice. Experienced physics teachers therefore indicate in their work those points of the course which should be expounded more fully to the student because of the ensuing practical work. The author points out that the mutual link between physics and mechanical

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SOV/47-59-2-22/31

Exchange of Experience. The Link Between Class Room Physics and Engineering in the 8th Grade.

engineering assisted the students in assimilating more profoundly the teaching material, and developed their ability to analyze specific phenomena from the point of view of physical laws. To develop in the students the ability to apply their knowledge in practice, they were given experimental problems. There are 2 diagrams.

ASSOCIATION: 1-ya srednyaya shkola, Mikhaylovka, Stalingradskoy oblasti (Secondary School Nr 1, Mikhaylovka, Stalingrad Oblast')

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, V. N.

USSR.

621.311.171 : 621.311.22

2187. Layout of electrical equipment in the main bays of electric power stations of low and medium ratings. A. I. GRINBERG, A. F. KUZ'KOKOV AND V. N. SKOMOROKHOV. *Elektr. Stantsii*, 1954, No. 10, 25–6. In Russian.

Designs for 8–12 MVA steam power stations with two turbogenerators are examined. Grouping of all electric switchgear (6·6 kV distribution, 400/230 V auxiliary service, generator control and service transformers) in a single bay adjacent to generators results in savings in cables, conduits, operating personnel and in an improved appearance. Elimination of station battery and an a.c. control are proposed. In case of station service failure an independently driven generator set would be automatically started.

L. LUKASIEWICZ

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

Skomorokhov, V.N.

GOMZA, M.S.; GENZER, M.S.; DYMOVA, V.N.; SIDOROV, V.F.; FADEYEV, V.M.
SKOMOROKHOV, V.N.; KUTNAYEV, K.A.; KIRYUSHICHEV, I.K.

Remedying defects at points of decrease in flat-knit stockings. Leg.prom. 17 no.8:40-42 Ag '57. (MIRA 10:10)
(Hosiery)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMAROKHOV, Ye.

Power fr[illegible] saw. [illegible] 5 no.7:78-80 Jl '61. (MIRA 15:1)
([illegible])

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOVA, L.P.

Mineral water establishment in Luganak. Vop.kur.,fizioter. i lech.fiz. kul't. 23 no.5:466-467 S-O '58 (MIRA 11:11)

1. Iz fizioterapevticheskoy polikliniki imeni prof. Shcherbakova.
(LUGANSK--MINERAL WATERS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 57568-65 EWT(1)/EPA(s)-2/EWT(m)/EPF(c)/EWP(j)/EEC(t) Pc-4/Pr-4/Pt-7/Pl-4 56 55
IJP(c) GG/RM
ACCESSION NR: AP5016134 UR/0048/65/029/006/0982/0984 B

AUTHOR: Strukov, B.A.; Taraskin, S.A.; Skomorokhova, T.L.; Minayeva, K.A.

TITLE: Effect of an electric field on the heat capacity of single-crystal triglycine sulfate /Report, 4th All-Union Conference on Ferroelectricity held in Rostov-on-the-Don 12-18 Sept 1964/

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

thors (B.A.Strukov, Fiz.tverdogo tela 6,2862,1964). The effect of the

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

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deg. In the presence of the bias field the heat capacity [illegible] its value in the smoothly from its value in the ferroelectric phase to its value in the paraelectric phase over a temperature interval of nearly 2°, whereas in the absence of a bias field most of this change was accomplished in a small fraction of a degree. This result is derived theoretically from the thermodynamic theory of V.L.Ginzburg (Uspekhi fiz.nauk 38, 490,1949). In the absence of a bias field the dielectric constant was found to reach its maximum at a temperature from 0.2 to 0.3°C above that at which the heat capacity reached its maximum. This is explained by the fact that it is the ratio of the heat capacity to the temperature, and not the heat capacity itself, that should go through a maximum at a second order transition point. The electrocaloric effect was investigated at temperatures above but close to the Curie point. At a temperature very close to the Curie point it was found that a field of 1.5 kV/cm produced a reversible heating of 0.1°C. This effect decreased rapidly with increasing temperature and was absent at 1.5°C above the Curie point. "The authors express their gratitude to V.A.Koptsik

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 57568-65
ACCESSION NR: AP5016134

for his interest in the work and for valuable remarks." Orig.art. has: 4 formulas and 3 figures.

ASSOCIATION: Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova (Physics Department, Moscow State Univ.)

SUBMITTED: 00 ENCL: 00 SUB CODE: SS

NR REF SOV: 004 OTHER: 003

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

VORONKOV, I. S.; SKOMOLOCHKI., A. F.

Bearings (Machinery)

PAV-1 automatic polishing machine. Podshipnik No. 2, 1953.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

BRUSILOVSKIY, D.A.; BULGAKOV, L.N.; GENIS, B.M.; KVARTIN, L.M.; KRASOVSKIY, Ye.S.; MIKHAYLOV, D.I.; NATOCHANNYY, A.S.; NIKOL'SKIY, V.N.; POPOV, M.P.; SIGODZINSKIY, A.A.; SKOMOROSHKIN, A.F.; CHASOVNIKOV, G.V.; DERBISHER, A.V., kand. ekon. nauk, red.; DULKIN, N.A., spets. red.; BONDAROVSKAYA, G.V., red.; TORSHINA, Ye.A., tekhn. red.

[Overall automation and modernization of equipment and production processes at the First State Bearing Plant] Kompleksnaia avtomatizatsiia i modernizatsiia oborudovaniia i protsessov proizvodstva na Pervom gosudarstvennom podshipnikovom zavode. Moskva, TSentr. biuro tekhn. informatsii, 1959. 84 p. (MIRA 15:1)

1. Russia (1917- R.S.F.S.R.) Moskovskiy gorodskoy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozayastva.
(Moscow—Bearing industry) (Automation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKAYA, N.I.

AID P - 821

Subject : USSR/Chemistry

Card 1/1 Pub. 78 - 6/26

Authors : Khangil'din, G. N., Skomorovskaya, N. I. and Strads, L. N.

Title : Non-alkaline mud fluids for drilling under complicated conditions

Periodical : Neft. khoz., v. 32, #9, 19-24, S 1954

Abstract : The effect of electrolytes on the stability of non-alkaline clay solutions is discussed, particularly in the cases of drilling through various sulfatic and carbonaceous rocks and strata with water. The significance of the surface acting colloids, semi-colloids, anti-foaming additive "NChK" and oxidized petrolatum in oil is outlined. 2 tables, 4 charts and 7 Russian references (1935-1952).

Institution: None

Submitted : No date

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

BOGOSLAVSKIY, A.L.; SKOMOROVSKAYA, R.L.

Clinical, X-ray and anatomical parallels in lung cancer. Zdravookhranenie 4 no.3:38-43 My-Je '61. (MIRA 16:7)

1. Iz rentgenologicheskogo otdeleniya (zav. A.L.Bogoslavskiy) i patologoanatomicheskogo otdeleniya (zav.R.L.Skomorovskaya) gorodskoy onkologicheskoy bol'nitsy Moskvy (glavnyy vrach P.Ye.Vakkhevich); vedushchiy onkolog - dotsent B.V.Milonov.
(LUNGS—CANCER)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

BOGOSLAVSKIY, A.L. (Moskva, Sharikopodshipnikovskaya ul., d.10, kv.407);
SKOMOROVSKAYA, R.L. (Moskva, ul. Usacheva, D.29, kv.110)

Skin basaloma with extensive metastasis to the skeleton [with summary in English]. Vop.onk. 3 no.2:227-229 '57. (MLRA 10:6)

1. Iz Moskovskogo gorodskogo onkologicheskogo dispansera (glavn. vrach - P.Ye.Bakkhevich, glav. onkolog - prof. F.M.Lampert)
(CARCINOMA, BASAL CELL, case reports
skin, with multiple metastases to bones (Rus))
(BONES, neoplasms
multiple metastatic from basal cell cardinoma of skin (Rus))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKAYA, R.L., kand.med.nauk; CHAYKOV, I.M.

Preoperative radiotherapy in breast cancer [with summary in English]. Khirurgiia 33 no.12:40-44 D '57. (MIRA 11:2)

1. Iz Moskovskoy gorodskoy onkologicheskoy bol'nitsy (glav. vrach P.Ye.Vakkhevich)

(BREAST NEOPLASMS, ther.
radiother., preop.)
(RADIOTHERAPY, in various dis.
cancer of breast, preop. ther.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOVOROVSKIY, Boris Aleksandrovich

SKOVOROVSKIY, Boris Aleksandrovich and E. G. MORRIS.....The siege of Leningrad. New York, Books inc., 1944. 196 p. DLC: D764.S54

SO: LC, Soviet Geography, Part II, 1951/Unclassified

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 19446-65

ACCESSION NR: AP4047580 S/0103/64/025/010/1511/1518

AUTHOR: Popov, V. S. (Odessa, Leningrad); Nuzhdina, L. A. (Odessa, Leningrad); Skomorovskiy, L. V. (Odessa, Leningrad)

TITLE: Device for proportional conversion of resistance into period of electric oscillations

SOURCE: Avtomatika i telemekhanika, v. 25, no. 10, 1964, 1511-1518

TOPIC TAGS: resistance frequency converter

ABSTRACT: A theoretical and experimental investigation is presented of a modified Wien-bridge RC-oscillator, one of whose arms includes a thermistor (TP-2/0.5 type). Design formulas for such an oscillator are developed. Experimental curves of the transient time vs. control-resistance jump (up to 15 times) are supplied, as well as the dependence of the oscillation period on the control resistance (tabulated). Errors are evaluated. The same oscillator, with

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 19446-65
ACCESSION NR: AP4047580

minor changes, can be used for the conversion of small variations of resistance into relatively large variations of frequency (tensometer case). Orig. art. has: 3 figures, 26 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 04Apr63 ENCL: 00

SUB CODE: IE NO REF SOV: 003 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKAMAROVSKIY, R.

25790 Skamarovskiy, R. Montazh I Vossstanovlenie Portal'nykh Kranov. Mor. Flot, 1948, No. 7, S. 18-23

SO: Letopis' Zhurnal'nykh Statey, No. 30, Moscow, 1948

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, R.T.: kand.tekhn.nauk.

Scientific and technical development for the mechanization of loading and unloading in Soviet sea harbors. Trudy TSNIIMF no.11:3-11 '57. (MIRA 11:2)

(Harbors) (Loading and unloading)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, R.V., kand.tekhn.nauk.

Survey of existing gantry cranes belonging to the merchant marine. Trudy TSNIIMF no.11:12-21 '57. (MIRA 11:2)
(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, R., kand.tekhn.nauk; MEDVEDIK, S., aspirant.

Some potentialities for increasing the productivity of gantry cranes. Mor. flot 17 no.10:11-14 O '57. (MIRA 10:12)

1.TSentral'nyy nauchno-issledovatel'skiy institut Moskogo flota.
2.Nachal'nik otdela TSentral'nogo nauchno-issledovatel'skogo instituta Moskogo flota (Skomorovskiy)
(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

DUKEL'SKIY, A.I., doktor tekhn.nauk; SKOHOROVSKIY, R.V., kand.tekhn.nauk

Operational characteristics of some portal crane boom systems. (MIRA 12:8)
Trudy TSNIIMF no.21:3-12 '58.
(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

KONDRAT'YEV, K.P.; OGLOBLIN, L.A.; SKOMOROVSKIY, R.V., spetsred.; DENISOV, K.N., red.izd-va; DROZHZHINA, L.P., tekhn.red.

[Operating hydraulic systems of harbor transloading machines] Ekspluatatsiia gidravlicheskikh sistem portovykh peregruzochnykh mashin. Leningrad, Izd-vo "Morskoi transport," 1960. 127 p. (MIRA 14:4)

(Cargo handling) (Oil hydraulic machinery)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

DUKEL'SKIY, A.I., doktor tekhn.nauk, prof.; SKOMOROVSKIY, R.V., kand. tekhn.nauk, dotsent

Classification of gantry crane boom systems. Trudy LIVT no.4: 35-39 '60. (MIRA 15:3)

(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

ALEYNER, A.L.; ANAN'YEV, A.A.; KOGAN, I.Ya.; LANG, A.G.; NIKOLAYEVSKIY, G.M.; PLAVINSKIY, V.I.; SAMOYLOVICH, P.A.; GORBACHEV, A.I., inzh., retsenzent; DUKEL'SKIY, A.I., prof., doktor tekhn. nauk, red.; SKOMOROVSKIY, R.V., kand. tekhn. nauk, red.; MITARCHUK, G.A., red.izd-va; VASIL'YEVA, V.P., red.izd-va; SPERANSKAYA, O.V., tekhn. red.

[Handbook on cranes] Spravochnik po kranam. Pod red. A.I. Dukel'skogo. Moskva, Mashgiz. Vol.3. [Characteristics of cranes, maintenance and installation] Kharakteristiki kranov, tekhnicheskaia ekspluatatsiia i montazh. 1963. 340 p. (MIRA 16:8)

(Cranes, derricks, etc.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, R., kand.tekhn.nauk

Technical operation of cargo-handling machinery by mixed brigades. Rech.transp. 23 no.9:16-17 S '64. (MIRA 19:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOM[illegible]; [illegible]LIN, A.T.

Reprocessing scrap metals. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.7:56-57 Jl '65. (MIRA 18:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROKHOV, A.I.; TALANOV, G.A., starshiy nauchnyy sotrudnik; VRANCHAN, Z.E., starshiy nauchnyy sotrudnik; TRAKHANOV, D.F., starshiy nauchnyy sotrudnik; NETYLKIN, I., inzh.

Reviews and bibliography. Veterinariia 41 no.12:96-100 D '64. (MIRA 18:9)

1. Ryazanskiy sel'skokhozyaystvennyy institut (for Skomorokhov).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

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L 8495-66 EWT(m)/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/RM

ACC NR: AP5026478 SOURCE CODE: UR/0195/65/006/005/0909/0915

AUTHOR: Yermakov, Yu. I.; Boreskov, G. K.; Slin'ko, M. G.; Skomorokhov, V. B.

ORG: Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Kinetics and mathematical modeling of the process of suspension polymerization of ethylene on a chromium trioxide catalyst

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 909-915

TOPIC TAGS: polymerization rate, ethylene, mathematic model, chromium oxide

ABSTRACT: The kinetic relationships obtained by studying the suspension polymerization of ethylene on a chromium trioxide catalyst are considered mathematically. The process was simulated on an MN-14 analog computer. The experimental curves of the polymerization rate versus catalyst concentration and ethylene pressure are compared with the curves obtained by the computor, and it is shown that the mathematical description correctly expresses the relationships found experimentally. The proposed mathematical description may be used for calculating the optimum conditions of the reactor unit in an industrial application of the process of suspension polymerization. Orig. art. has: 4 figures and 14 formulas.

UDC 541.124:542.952.6:547.313.2

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 8495-66
ACC NR: AP5026478

SUB CODE: 07, 12 / SUBM DATE: 18Jul64 / ORIG REF: 007 / OTH REF: 002

BVK
Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

IVANOVA, Ye.G.; KOMAREVSKAYA, N.I.; TOKUNOV, V.N.; ASFANDIYAROV, F.A.

Using nonionogenic surfactant additives to water when drilling in producing strata. Burenie no.3:23-25 '64. (MIRA 18:5)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

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44250

S/035/62/000/012/007/064
A001/A101

3,1240
3,1250

AUTHORS: Kalinenkov, N. D., Vladimirtsev, Yu. V., Grigor'yev, V. M., Skomorovskiy, V. I.

TITLE: A photoelectric installation for studies of the Moon and planets

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 16, abstract 12A165 ("Byul. Astron. observ. im. V. P. Engel'gardta", 1961, no. 36, 61 - 66)

TEXT: The installation consists of an electrophotometer, a photoelectric spectrophotometer and a spectropolarimeter. Parts can be easily interchanged when one type of observations is replaced by another. Usually a slit spectrograph is screwed to the telescope ocular end. A photohead which contains a photomultiplier, a projecting and a guidance system can be inserted in front of the spectrograph slit. A d.c. amplifier is designed according to V. I. Moroz's proposal with insignificant modifications. ЭПП-09 (EPP-09) serves as a recording device. At a favorable weather it is possible to observe the Moon, planets and stars down to 7 - $8^m$. The spectrograph has glass optics, one prism and dispersion

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of 80 A/mm at $H_\gamma$. It is possible to imprint comparison spectrum calibrating and standardization scales. The second slit of the spectrograph can be displaced uniformly along dispersion. In order to reduce the effects of atmospheric transparency changes, scintillations and other interferences, a deducting system is employed, with division of the light beam and two photomultipliers. A special arrangement of resistors in supply divisors of photomultipliers is used to reduce the signal-to-noise ratio. Signals from the ФЭУ (FEU) are fed to logarithmic amplifiers, and from the latter to the deducting device whose output is recorded in a d.c. oscillograph with a plane screen. The screen is photographed. In place of the head of the electrophotometer, a polaroid with its rotational system can be mounted in front of the spectrograph slit. Monochromatic bundle passing through the spectrograph second slit turns out to be modulated in case of polarized light. A signal from the photomultiplier of the spectrophotometer is fed to the vertical plates of the oscillograph, while horizontal sweep is synchronized with rotation of the polaroid. There is a device for determination of position angles on oscillograms. Instrumental polarization is taken into account by means of the deducting device. The polarimeter measures reliably monochromatic (4 - 8 A) polarization of about 1%, the accuracy of determining



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A001/A101

A photoelectric installation for studies of...

polarization degree is better than 0.1% and of position angles - from 1 to 5°. Optical and electric diagrams of all the units are presented.

R. Botsula

[Abstracter's note: Complete translation]

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SOLNYSHKOV, V.A., red.; ARABADZHYAN, I.R., red.; GOL'DIN, A.L., red.; ZHAROV, N.I., red.; IOKHEL'SON, A.Ya., red.; KRICHEVSKIY, I.Ye., red.; SKOMOROVSKIY, Ya.G., red.; SUDAKOV, V.B., red.; SHEVCHENKO, A.N., red.; RZHONSNITSKIY, B.N., red.

[Collection of reports on hydraulic engineering] Sbornik dokladov po gidrotekhnike. Moskva, Gosenergoizdat, 1963. 262 p. (MIRA 17:9)

1. Nauchno-tekhnicheskaya konferentsiya molodykh nauchnykh rabotnikov. 5th, Leningrad, 1959.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.G.

Effect of creep on the torqueless stress of thin lamellar shells. Sbor. dokl. po gidr. VNIIG no.4:38-47 '62.

(MIRA 18:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.Z., inzh.

"How to calculate the maximum bending of cold pipes" ("Pipe Line Industry," vol.8, no.6, June 1958). Stroi.truboprov. 5 no.1: 31-32 Ja '60. (MIRA 13:8)

(Pipe bending)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.Z., inzh.

Designating radii of pipeline deflections in the case of free bending of pipes. Stroi. truboprov. 5 no.5:13-15 My '60. (MIRA 13:9)

(Pipelines)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.Z.; KOMAROVA, L.S., red.; DEMIDOV, Ya.F., tekhn. red.

[Free flexure of large diameter pipes in the construction of main pipelines]Svobodnyi izgib trub bol'shogo diametra na stroitel'stve magistral'nykh truboprovodov. Moskva, Otdel nauchno-tekhn.informatsii, 1960. 51 p. (MIRA 15:8)
(Pipelines)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

POSTNIKOV, V.V.; SKOMOROVSKIY, Ya.Z.

Causes of damage to pipe in pipeline construction. Stroi. truboprov. 8 no.5:11-12 My '63. (MIRA 16:5)

1. Trest Nefteprovodmontazh, Ufa (for Postnikov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov, Moskva (for Skomorovskiy).
(Pipelines--Design and construction)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

GAL'PERIN, A.I.; SKOMOROVSKIY, Ya.Z.

Determining the dynamic loads on units of self-propelled cleaning machines. Stroi. truboprov. 8 no.12:13-16 D '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh trubopovodov.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.Z., kand. tekhn. nauk

Investigating local stability loss in the arch of pipelines in the presence of bending and axial compression. Trudy [illegible] no.15:154-160 '63.

Device for marking and measuring pipes. [illegible]

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.[illegible], [illegible]; [illegible] K[illegible], [illegible]; [illegible], [illegible].

Determining the [illegible] angle of [illegible] the transverse slope of an area. [illegible] (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

SKOMOROVSKIY, Ya.Z.; VASIL'YEV, N.P.

Determining the radii of the turns and the additional load of pipelines laid in swamped and flooded regions. Stroi. truboprov. 9 no.8:35-36 Ag '64. (MIRA 17:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 27935-66

ACC NR: AP6017739 SOURCE CODE: UR/0095/66/000/001/0016/0019

AUTHOR: Yuryshev, A. N.; Vasil'yev, N. P.; Skomorovskiy, Ya. Z.; Kortunov, V. A.; Yeliseyev, M. Ya.; Vaynshel', A. Z.

ORG: none

17 B

TITLE: Determination of the parameters to be considered for anchor reinforcement of pipelines

SOURCE: Stroitel'stvo truboprovodov, no. 1, 1966, 16-19

TOPIC TAGS: pipeline, concrete

ABSTRACT: The first operations on the introduction of threaded anchors in place of concrete ballast in swampy or flooded regions in the USSR are going on under the auspices of the Ministry of the Gas Industry. Experiments performed in 1965 showed that treaded anchors have great advantages of lightness and cheapness over concrete ballast. Anchors consisting of two threaded rods plus a band to go over the top of a pipe section were designed, with tread blade diameters from 250 to 400 mm, thread intervals of 80-140 mm. These anchors are to be tested on the Belousovo-Leningrad gas pipeline. The authors demonstrate in this article a calculation method which they have developed to determine the loads and requirements placed on the anchor devices they have designed for the cases where the limiting factors in calculation are: the load placed upon a pipeline section by an anchor; the maximal permissible bend in pipeline between anchor sections; and the load-carrying capacity of the devices themselves. The load carrying capacity of the anchors depends directly on the conditions of the soil into which they are screwed, and can be determined directly by measuring the torque required to penetrate the ground. Orig. art. has: 1 figure and 7 formulas. [JPRS]

SUB CODE: 13 / SUBM DATE: none

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

L 45810-66 EWT(1) IJP(c) WW/GG

ACC NR: AR6023272 SOURCE CODE: UR/0058/66/000/003/D099/D099

AUTHOR: Skomorovskiy, Yu. A.; Sushkov, V. P.; Zborovskiy, A. A.

57

B

TITLE: Amplitude and frequency characteristics of a semiconductor light source

SOURCE: Ref zh. Fizika, Abs. 3D833

REF. SOURCE: Tr. uchebn. in-tov svyazi. M-vo svyazi SSSR, vyp. 24, 1965, 11-18

TOPIC TAGS: light source, gallium arsenide, frequency characteristic, optic property

ABSTRACT: Results are described of experimental investigations of sources of incoherent optical radiation of GaAs. Characteristics are presented of the dependence of the radiated light flux on the current flowing through the semiconductor, for sources without and with cooling of 77K. Theoretical justification and a procedure are presented for an experiment on the determination of the upper limit of the frequency band of the radiation. The possibility is demonstrated of using the sources under consideration for communication systems. V. Zakharenkov. [Translation of abstract]

SUB CODE: 20

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001551030005-1

AP5027041 EEC(k)-2/T/EWA(h) IJP(c) GG/AT

SOURCE CODE: UR/0120/65/000/005/0224/0227

AUTHOR: Zborovskiy, A. A.; Skomorovskiy, Yu. A.; Sushkov, V. P.

ORG: none

TITLE: Measuring the relaxation time (about 1 nanosecond) of recombination radiation of a semiconductor source

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 224-227

TOPIC TAGS: semiconductor, recombination radiation, pn junction, lifetime, time constant/KDP crystal

ABSTRACT: A theoretical and experimental method for measuring the relaxation times of recombination radiation on the order of $10^{-9}$ seconds is described. The method consists of determining the phase shift $\varphi$ between radiation and the current through a semiconductor source of recombination radiation. The effective relaxation time is defined by

$$\tau_{eff} = \tan \varphi / 2\pi f_p,$$

where the operating frequency $f_p$ = 4770 kc. The circuit for measuring $\tau_{eff}$ is described in detail. It consists of a high-frequency generator, an electrooptical KDP cell, a phase shifter, amplifiers, and two semiconductor sources of recombination

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