BODNAR, L.

BODNAR, L. Capital investment by machine-tractor stations in Slovakia. p. 242.

Vol. 6, No. 13, July 1956.
MECHANISACE ZEMEDELSTVI.
AGRICULTURE
Praha, Czechoslovakia

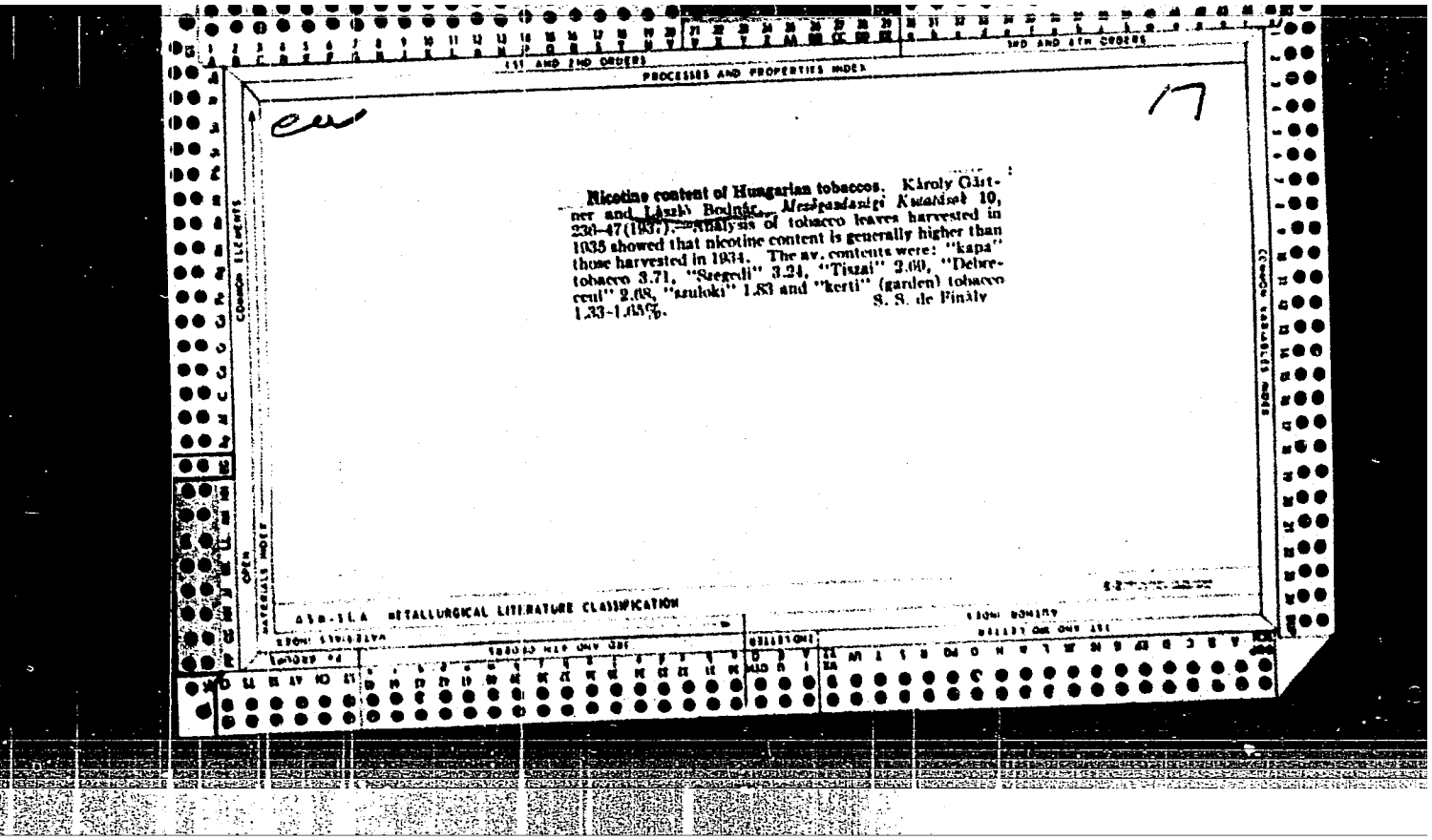
So: East European Accession, Vol. 6, No. 3, March 1957

BODNAR, L.; SZENDREY, J.

BODNAR, L.; SZENDREY, J. Economical use of transportation facilities. P. 418.

Vol. 8, No. 9, Sept. 1956
AGRARTUDOMANY
AGRICULTURE
Budapest, Hungary

So: East European Accession, Vol. 6, No. 2, Feb. 1957

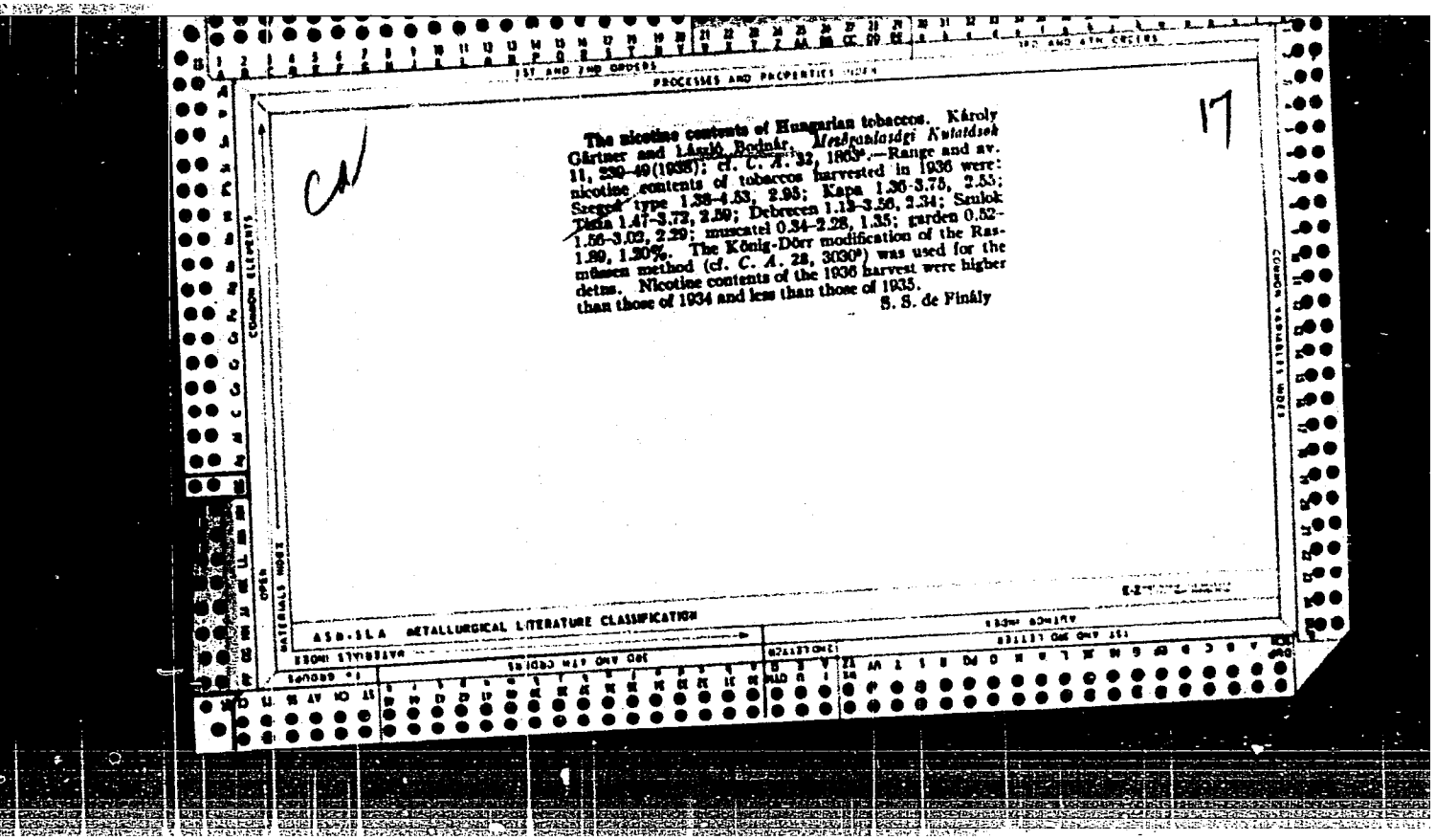


PROCESSES AND PROPERTIES INDEX

17

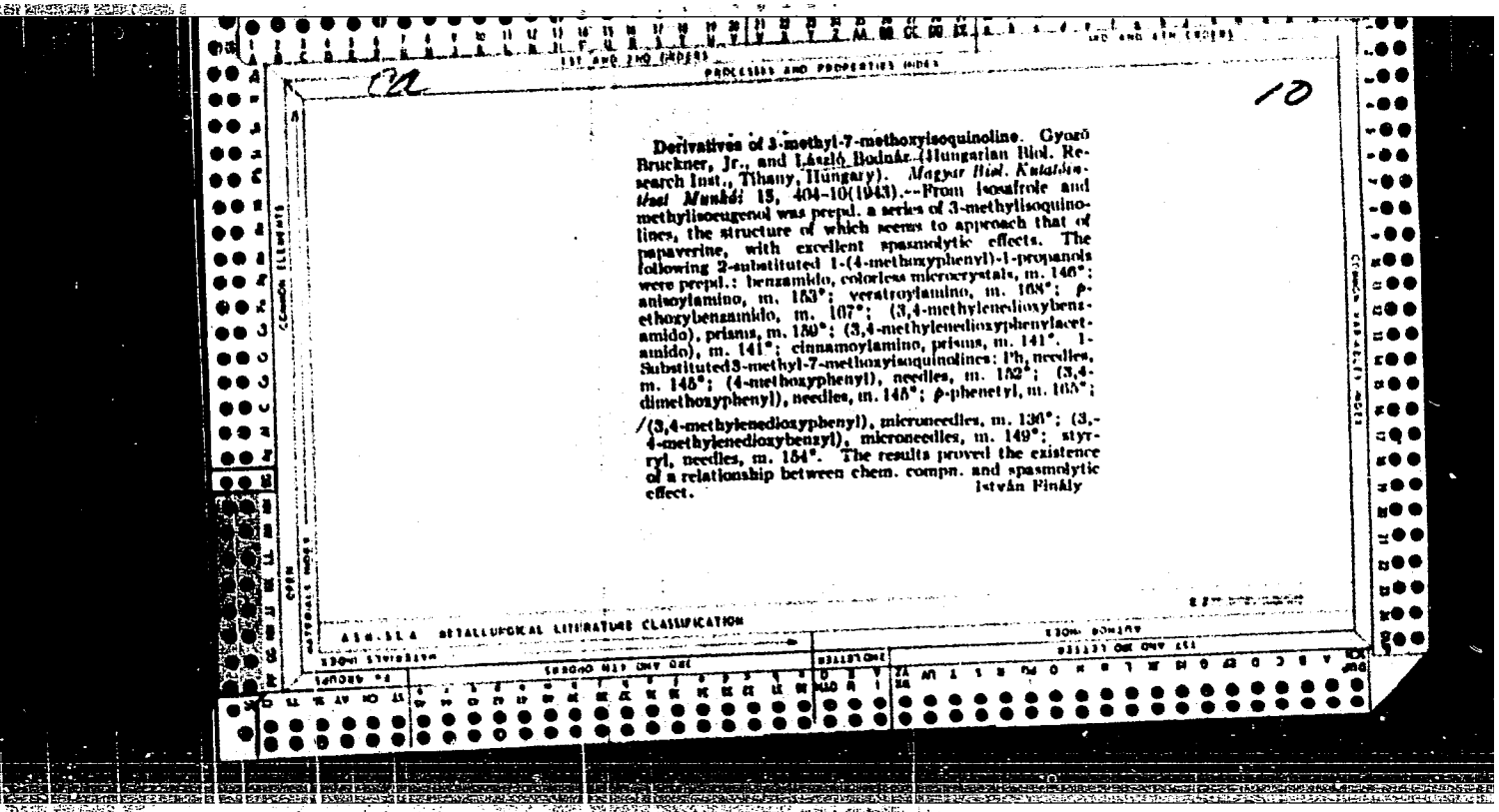
Nicotine content of Hungarian tobaccos. Károly Gärtner and László Bodnár. *Mezőgazdasági Kutatások* 10, 230–47 (1937).—Analysis of tobacco leaves harvested in 1935 showed that nicotine content is generally higher than those harvested in 1934. The av. contents were: "kapa" tobacco 3.71, "Szegedi" 3.24, "Tiszai" 2.60, "Debreceni" 2.08, "szuloki" 1.83 and "kerti" (garden) tobacco 1.33–1.65%. S. S. de Finály

METALLURGICAL LITERATURE CLASSIFICATION



The nicotine contents of Hungarian tobaccos. Károly Gärtner and László Bodnár. *Mezőgazdasági Kutatások* 11, 230–49(1938); cf. *C. A.* 32, 1865⁹.—Range and av. nicotine contents of tobaccos harvested in 1936 were: Szeged type 1.38–4.53, 2.95; Kapa 1.36–3.78, 2.55; Tiszta 1.47–3.72, 2.59; Debrecen 1.19–3.56, 2.34; Szolok 1.56–3.03, 2.29; muscatel 0.34–2.28, 1.35; garden 0.52–1.80, 1.30%. The König-Dörr modification of the Rasmüssen method (cf. *C. A.* 28, 3030⁹) was used for the detns. Nicotine contents of the 1936 harvest were higher than those of 1934 and less than those of 1935.

S. S. de Finály



Derivatives of 3-methyl-7-methoxyisoquinoline. Gyorő Bruckner, Jr., and László Bodnár. (Hungarian Biol. Research Inst., Tihany, Hungary). *Magyar Biol. Kutatóintézet Munkái* 15, 404-10(1943).--From isosafrole and methylisoeugenol was prepd. a series of 3-methylisoquinolines, the structure of which seems to approach that of papaverine, with excellent spasmolytic effects. The following 2-substituted 1-(4-methoxyphenyl)-1-propanols were prepd.: benzamido, colorless microcrystals, m. 146°; anisoylamino, m. 153°; veratroylamino, m. 168°; *p*-ethoxybenzamido, m. 107°; (3,4-methylenedioxybenzamido), prisms, m. 150°; (3,4-methylenedioxyphenylacetamido), m. 141°; cinnamoylamino, prisms, m. 141°. 1-Substituted3-methyl-7-methoxyisoquinolines: Ph, needles, m. 148°; (4-methoxyphenyl), needles, m. 152°; (3,4-dimethoxyphenyl), needles, m. 146°; *p*-phenetyl, m. 155°; (3,4-methylenedioxyphenyl), microneedles, m. 130°; (3,-4-methylenedioxybenzyl), microneedles, m. 149°; styryl, needles, m. 154°. The results proved the existence of a relationship between chem. compn. and spasmolytic effect.

István Finály

BODNAR, Laszlo

"Design of chemical industry apparatus" by Balazs Szantay. Reviewed by Laszlo Bodnar. Magy kem lap 16 no.1:45 Ja '61.

BODNAR, L.; CHREN, D.; STEIN, A., inz.

Standardization of the design and assembly of automatic block signals.
Zel dop tech 10 no. 1:6-10. '62

CIHAL, V., inz., ScC.; BODNAR, Laszlo, dr. [translator]

Corrosion problems in devices used for high-pressure syntheses. Gep 15 no.10:390-396 O '63.

1. Statni vyzkumny ustav ochrany materialu, Praha.

BODNAR, Lorand, dr.; SZIRAKI, Laszlo, dr.

Fetal developmental disorders in our hospital and county.
Orv. hetil. 106 no.21:987-991 23 My '65.

1. Szabolcs-Szatmar Megyei Tanacs Korhaza, Nyiregyhaza, Szuleszet- Nogyogyaszati Osztaly (foorvos: Gyongyossy, Andor, dr.).

BODNAR', L.P.

Correlation of α- and β-lipoproteins in the blood serum in atherosclerosis of the coronary vessels and hypertension according to the stages of the diseases. Vest. AMN SSSR 16 no.12:40-43 '61. (MIRA 15:2)

1. Institut terapii AMN SSSR.
(LIPOPROTEINS) (ARTERIOSCLEROSIS) (HYPERTENSION)

BODNAR', M., kand.istor.nauk, dots.

Book on the fine traditions of Odessa longshoremen ("Sea gates of the Ukraine" by IA.M. Shternshtein. Reviewed by M.Bodnar'). Mor. flot 20 no.11:45 N '60. (MIRA 13:11)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Odessa—Longshoremen)

HUNGARY

NYIREDY, Dr Istvan, and BODNAR, Magdolna, of the National Institute for Veterinary Hygiene (Orszagos Allategeszsegugyi Intezet)(Director: Dr Tibor KADAR, Candidate of Veterinary Sciences), Department of Hygiene (Higeniai Osztaly)(Head: Dr Istvan NYIREDY, Doctor of Veterinary Sciences) and Department of Toxicology and Drug Control (Toxikologiai es Gyogyszerellenorzo Osztaly) (Head: Dr Balazs JUHASZ, Doctor of Veterinary Sciences).

"Investigations of the Occurrence and Aflatoxin-Producing Capacity of Aspergillus Flavus Strains in Fodders Produced in Hungary"

Budadest, Magyar Allatorvosok Lapja, Vol 21, No 8, Aug 66; pp 352-354.

Abstract [Authors' English summary, modified]: In 1964-65 authors investigated 307 samples of fodder produced in Hungary (78 bran, 77 barley, 87 corn, 28 oat, 11 alfalfa-meal and seed grits, 8 pea, 8 soybean, 6 sunflower seed and 4 rape samples) for the presence of Aspergillus flavus. This mold could be isolated from 118 samples. The aflatoxin-producing capacity of 64 of these strains was investigated in cultures on Czapek-Dox medium at 28°C for two weeks. It was found that, with the exception of the rape samples, a considerable number of the strains of a group of samples were aflatoxin-producing. Of the 64 strains tested 43 produced aflatoxin in quantities ranging from 0.5 to 15 ppm. 8 References, of which 4 Hungarian.

1/1

MUDRYY, I.V.; BODNAR', P.P.; AGISHEV, A.P.; SAYFIYEVA, M.M.; KOTEL'NIKOVA, G.Z.

Resources and utilization of petroleum (casinghead) gas from the oil fields of the eastern Ukraine. Gaz. delo no.8:42-44 '64.
(MIRA 17:9)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza.

AUTHOR: Bodnar', P.S., Mining Engineer SOV-127-58-3-4/24

TITLE: Opening and Preparation of New Levels in the Krivoy Rog Basin (O vskrytii i podgotovke novykh gorizontov v Krivorozhskom basseyne)

PERIODICAL: Gornyy zhurnal, 1958, Nr 3, pp 17-21 (USSR)

ABSTRACT: The presently applied method of consecutive openings and preparation for the exploitation of new levels in the mines of the Krivoy Rog basin has many defects and involves large expenses, slows down production, etc. The author proposes the introduction of the method of opening by twin levels. Essentially this method consists of simultaneous preparations of two adjacent levels and in their consecutive exploitation. But the fundamental advantage of this method is the possibility of increasing the duration of the preparation of next lower adjacent levels. Moreover, there is no need to build, on each level, all necessary chambers for the reception and transportation of the ore to the main elevating

Card 1/2

Opening and Preparation of New Levels in the Krivoy Rog Basin

shaft. All the main works are cut by 20 - 24% and, as a result, the cost of preparation of 1 ton of available deposits is 20 to 24% less. The author proves it by 2 comparative graphs, one for each method, and presents a table of comparative size of works and capital expenses for each method. There are 2 graphs and 1 table.

ASSOCIATION: (Krivbassproyekt)

1. Mining industry—USSR
2. Mining engineering

Card 2/2

BODNAR, SANDOR

GALL, Sandor, dr.; BODNAR, Sandor, dr.; BARKOCZI, Marta

Prevention of infantile alimentary lesions due to nitrate containing drinking water. Nepegeszsegugy 37 no.7:190-192 July 56.

1. Kozlemeny a Szabolcs-Szatmar megyei korhaz (igazgato: Salamon, Istvan, dr.) laboratoriumi osztalyarol (foorvos: Gall, Sandor, dr.) es Szabolcs-Szatmar megye kozegeszsegugyi-jarvanyugyi allomasarol (igazgato: Jesztrebenyi, Erno, dr.).

(METHEMOGLOBINEMIA, in inf. & child
caused by nitrate containing drinking water, prev. by control of open wells)

(WATER SUPPLY
nitrate containing drinking water causing methemoglobinemia in inf., prev. by control of open wells (Hun))

(NITRATES, inj. eff.
methemoglobinemia in inf. caused by nitrate containing drinking water, prev. by control of open wells (Hun))

BODNAR, S.

TECHNOLOGY

PERIODICAL: RUDY Vol. 6, no. 7, July 1958

SMOLIK, A.; BODNAR, S. Results of tests with UDM slinger-type mine-filling machine. p. 218

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

BODNAR, Sandor, dr.

Atypical food poisoning caused by Bacillus cereus. Orv. hetil. 102 : no.15:703-705 9 Ap '61.

1. Szabolcs-,Szatmar megyei Kozegeszsegugyi-Jarvanyugyi Allomas, Nyiregyhaza.

(BACILLUS infect) (FOOD POISONING microbiol)

HUNGARY

BODNAR, Sandor, Dr, MARJAY, Karoly (Mrs), Dr; Public Health and Epidemiological Station of Szabolcs-Szatmar Megye (Szabolcs-Szatmar Megyei Kozegeszsegugyi es Jarvanyugyi Allomas), Nyiregyhaza.

"Laboratory and Epidemiological Observations Made on Trichinellosis Involving an Entire Family."

Budapest, Orvosi Hetilap, Vol 104, No 37, 15 Sept 63, pages 1752-1755.

Abstract: [Authors' Hungarian summary modified] In Szabolcs-Szatmar megye, 9 members of a family ingested infected pork and all contracted trichinellosis. Of them, 7 had to be hospitalized but no death occurred. The laboratory tests, made for diagnostic purposes are reported. The diagnosis was made by the demonstration of larvae in the feces of the patients, by serological tests and by the testing of the meat which was consumed by all. Epidemiological investigations have been made in cooperation with veterinary health authorities. Secondary foci of infection could not be found. 24 Eastern European, 3 Western references.

1/1

SILIN, P.M.; LITVAK, I.M.; BARABANOV, M.I.; LIKHITSKIY, M.Kh.; BODNAR', S.G.; ROSTRIPENKO, I.A.; SOFRONYUK, L.P.; YAROVENKO, O.A.; MIROSHNIK, A.P.; IVASENKO, G.

Accelerating the sedimentation in settlers. Sakh. prom. 36 no.7:9-17 Jl '62. (MIRA 17:1)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti (for Silin). 2. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana (for Litvak, Barabanov, Likhitskiy). 3. Lannovskiy sakharnyy zavod (for Bondar', Ivasenko). 4. 2-y im. Petrovskogo sakharnyy zavod (for Rostripenko). 5. Gindeshtskiy sakharnyy zavod (for Sofronyuk). 5. Krasnyanskiy sakharnyy zavod (for Yarovenko, Miroshnik).

BODNAR, Sandor, dr.

Pathogenetic relations between food poisoning and ascariasis.
Orv. hetil. 106 no.45:2123-2124 7 N '65.

1. Szabolcs-Szatmar megyei Kozegeszsegugyi es Jarvanyugyi Allomas, Nyiregyhaza (igazgato: Vary, Janos, dr.).

BODNAR', S.G.

Practical application improves the design. Sakh.prom. 36 no.5:58-59 My '62. (MIRA 15:5)

1. Lannovskiy sakharnyy zavod.
(Sugar machinery)

BODNAR', S.G.

Purification of pond water. Sakh.prom. 36 no.11:68 N '62. (MIRA 17:2)

1. Lannovskiy sakharnyy zavod.

ACC NR: AP7000339 (N) SOURCE CODE: UR/0413/66/000/022/0101/0101

INVENTOR: Rudoy, L. N.; Krisilov, Yu. D.; Bodnar-Solov'yev, V. V.

ORG: none

TITLE: Self-calibrating wire-type wave gage. Class 42, No. 188692

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 101

TOPIC TAGS: oceanographic instrument, wave graph, oscillograph, ocean dynamics

ABSTRACT: An Author Certificate has been issued for a self-calibrating wire-type wave gage consisting of two linked electrodes series-connected to a power source and a recorder, e.g., an oscillograph. For the automatic recording of scale traces on the oscillograms, the electrodes are constructed in the form of metal rods with alternating bare and

Card 1/2 UDC: 532.217.002.56

ACC NR: AP7000339

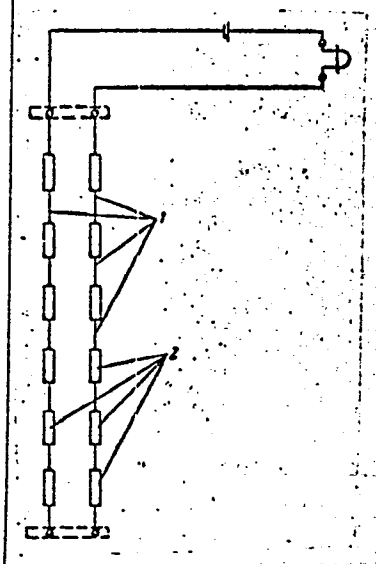


Fig. 1. Wave gage

1 - Bare sections; 2 - sections insulated from the water.

insulated sections whose number and length are selected in accordance with the required measurement accuracy. Orig. art. has: 1 figure.

SUB CODE: 08/ SUBM DATE: 26Feb62/ [LB]

[WA N-67-4]

Card. 2/2

BODNAR, V.V., inzh.

Power transformers with 220 kv. rating for the Bratsk Hydroelectric Power Station. Vest. elektroprom. 33 no.7:6-8 Jl '62.
(MIRA 15:11)
(Electric transformers)
(Bratsk Hydroelectric Power Station--Equipment and supplies)

ACCESSION NR: AP4017208 P/0045/64/025/001/0057/0060

AUTHOR: Bodnar, Zygmunt; Malcher, Jozef; Szaynok, Anna; Wolniewicz, Walentyna

TITLE: Influence of gamma-rays on the electrical properties of glass dust

SOURCE: Acta physica polonica, v. 25, no. 1, 1964, 57-60

TOPIC TAGS: gamma-irradiation, glass dust, electrical property, thermal excitation, crushing, trap in glass, distribution of charge, exoemmission process, positive charge

ABSTRACT: Gamma-irradiation of glass produces changes in the electrification of the dust. Short irradiation (about 100 minutes) increases it, while lengthy irradiation decreases it. Unirradiated but heated dust shows increased electrification; irradiated and heated dust, a predominance of positive charge. In irradiated but unheated glass, there is equalization of the positive and negative charge with increasing irradiation time. Heating may be treated as thermal excitation, causing the introduction of electrons into the traps in

Card 1/2

ACCESSION NR: AP4017208

the glass and thus increasing the probability of unequal distribution of charges by crushing. The crushing supplies further amounts of energy, causing additional excitation, and electrons situated near the surface can be ejected in the exoemission process, resulting in the predominance of the positive charge in the dust cloud as a whole. Orig. art. Has: 2 graphs and 2 tables.

ASSOCIATION: Politechnika Wroclawska, Katedra Fizyki, Wroclaw (Wroclaw Polytechnic, Chair of Physics)

SUBMITTED: 06Jul63 DATE ACQ: 18Mar64 ENCL: 00

SUB CODE: PH NO REF SOV: 000 OTHER: 008

Card 2/2

SHEVCHENKO, V.I.; BODNARCHUK, N.D.; KIRSANOV, A.V.

Phosphorylation of malonic acid esters. Zhur.ob.khim. 32 no.9:2994-3001 S '62. (MIRA 15:9)

1. Institut organicheskoy khimii AN UkrSSR.
(Malonic acid) (Phosphorylation)

SHEVCHENKO, V.I.; BODNARCHUK, N.D.; KIRSANOV, A.V.

Phosphorylation of primary nitriles. Zhur. ob. khim. 33 no.5: 1591-1596 My '63. (MIRA 16:6)

1. Institut organicheskoy khimii AN UkrSSR.
(Nitriles) (Phosphorylation)

PODNARCHUK, N.D.; SHEVCHENKO, V.I.; KIRSANOV, A.V.

Reaction of phosphorus pentachloride with the diphenyl ester of malonic acid. Zhur. ob. khim. 35 no.4:713-715 Ap '65. (MIRA 18:5)

1. Institut organicheskoy khimii AN UkrSSR.

ACC NR: AP7005106 SOURCE CODE: UR/0079/66/036/009/1645/1649

SHEVCHENKO, V. I., BODNARCHUK, N. D., Institute of Organic Chemistry, Academy of Sciences Ukrainian SSR (Institut organicheskoy khimii AN UkrSSR)

"Phosphorylation of Acetonitrile and Chloroacetonitrile"

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 9, 1966, pp 1645-1649

Abstract: The structure and mechanism of formation of the complex compounds $C_2H_2Cl_9NP_2$ and $C_2HCl_{10}NP_2$, resulting from the reaction between aceto- and chloroacetonitriles and phosphorus pentachloride were studied. During the formation of these complexes one mole of nitrile reacts with three moles of PCl_5. The complex obtained from acetonitrile has the composition $C_2HCl_{13}NP_3$ and that obtained from chloroacetonitrile, $C_2Cl_{14}NP_3$. Thus, at 20°C, acetonitrile and chloroacetonitrile react with PCl_5 to form hexachlorophosphorates of trichlorophosphazo-1-chlorovinyl-2-trichlorophosphonium and trichlorophosphazo-1,2-dichlorovinyl-2-trichlorophosphonium. The latter is reduced with red phosphorus or methyldichlorophosphite to trichlorophosphazo-1,2-dichlorovinyl-2-dichlorophosphine. The hexachlorophosphorate of trichlorophosphazo-1,2-dichlorovinyl-2-trichlorophosphonium reacts with sulfur dioxide to form trichlorophosphazo-1,2-dichlorovinyl-2-phosphonic acid chloride, which on chlorination, changes into trichlorophosphazo-1,1,2,2-tetrachloroethyl-2-phosphonic acid chloride. The latter is hydrolyzed by water to form dichloroacetic acid. A. V. Kirsanov collaborated. Orig. art. has: 5 formulas. [JPRS: 38,970]

Card 1/2 UDC: 547.292'39.2

0926 1624

ACC NR: AP7005106

TOPIC TAGS: acetonitrile, phosphorylation, phosphorus chloride

SUB CODE: 07 / SUBM DATE: 02Jul65 / ORIG REF: 003 / OTH REF: 001

Card 2/2

ROZENBERG, B.A.; BODNARCHUK, R.D.; DOROFEYENKO, G.N.; BABIN, Ye.P.

Perchloric acid and its compounds as catalysts in organic synthesis. Part 10: Acylation in the acenaphthene series. Zhur. ob. khim. 33 no.5:1489-1492 My '63. (MIRA 16:6)

1. Donetskoye otdeleniye Instituta organicheskoy khimii AN UkrSSR.

(Acenaphthene) (Acylation)
(Perchloric acid)

L 04849-67 EWP(j)/EWT(m) RM/JW

ACC NR: AP7000242 SOURCE CODE: UR/0079/66/036/004/0730/0735

AUTHOR: Shevchenko, V. I.; Kornuta, P. P.; Bodnarchuk, N. D.; Kirsanov, A. V.

ORG: Institute of Organic Chemistry, AN UkrSSR (Institut organicheskoy khimii AN UkrSSR)

"Phosphorylation of Malonodinitrile by Phosphorus Pentachloride"

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 4, 1966, pp 730-735

Abstract: Malonodinitrile and phosphorus pentachloride, regardless of the quantitative ratio, react at 80° and above to form acyclic trichlorophosphazo-1-chloro-, and 1,2-dichloro-2-cyanovinyls. At 20-25°, they yield cyclic 1,1,3,5-tetrachloro-, and 1,1,3,4,5-pentachloro-1,2,6-phosphadiazines, isomeric to the acyclic phosphazo-compounds. The latter are readily converted to cyclic isomers under the action of hydrogen chloride at 20-25°. The structures of the reaction products were confirmed by infrared spectra. The trichlorophosphazocyanovinyls are viscous light yellow liquids, which are readily hydrolyzed by atmospheric moisture, react vigorously with water, alcohols, and amines, undergo acidolysis, and exhibit typical properties of unsaturated compounds, such as the addition of chlorine and bromine. The phosphadiazines are colorless crystalline substances, which are slowly hydrolyzed by atmospheric moisture and react readily with water, alcohols, and organic

Card 1/2 UDC: 547.461.3

0953 0782

L 04849-67

ACC NR: AP7000242

acids. Orig. art. has: 1 figure. [JPRS: 37,177]

TOPIC TAGS: phosphorylation, phosphorus chloride, organic nitrile compound

SUB CODE: 07 / SUBM DATE: 19 Mar 65 / ORIG REF: 006 / OTH REF: 002

Card 2/2

ARTAMONOV, A.A.; BALANDIN, A.A., akademik; BODNARCHUK, R.D.

Catalytic synthesis of p-aminostyrene. Dokl. AN SSSR 164 no.2:327-330 S '65. (MIRA 18:9)

1. Donetskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov i osobo chistykh khimicheskikh veshchestv i Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

SHVETS, I.T. [Shvets', I.T.], akademik; FEDOROV, V.I., kand.tekhn.nauk
BODNARCHUK, V.G. [Bodnarchuk, V.H.]

Applying approximate methods to the solution of the equations of heat conductivity in turbine rotors. Zbir.prats' Inst. tepl.AN URSR no.18:3-15 '60. (MIRA 14:12)

1. AN USSR (for Shvets).
(Heat conduction)
(Turbines)

BODNARCHUK, V.G. (Kiyev)

Events representable by a single state in a finite automat.
Ukr.mat.zhur. 14 no.2:190-191 '62. (MIRA 15:11)
(Automation)

BODNARCHUK, V.G. (Kiyev)

Automata and events. Ukr. mat. zhur. 14 no.4:351-361 '62. (MIRA 15:12)

(Automata)
(Mathematical linguistics)

BODNARCHUK, V.G. (Kiyev)

Systems of equations in algebra of events. Zhur. vych. mat i mat fiz. 3 no.6:1077-1088 N-D '63. (MIRA 17:1)

BODNARCHUK, V.G.

Metric space of events. Part 2. Kibernetika no. 4:22-30 Jl-Ag '65. (MIRA 18:12)

1. Submitted March 22, 1965.

33568
S/194/61/000/012/052/097
D256/D303

26.2120
26.2190

AUTHORS: Bodner, V. A. and Kazakevich, V. V.

TITLE: Self-oscillations of acoustical systems containing compressors and their suppression using feedback systems

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961; 53, abstract 12V473 (Avtomat. upr. i vychisl. tekhn. no. 3, M., Mashgiz, 1960, 445-490)

TEXT: Self-oscillations of air pressure and the rate of flow in ventilators, compressors and turbo-jet engines (pumps) render their operation more difficult or in certain circumstances even impossible. The oscillation frequency and intensity depend upon the following factors: The characteristics of the compressor, the length and shape of the inlet and outlet tubes, the acoustic load at the end of the tubes and the steady flow parameters. A theory of the compression processes is presented, considering the compressor with the attached network as an acoustical distribution system by

Self-oscillations of ...

substituting an equivalent active non-linear resistance for the compressor, acoustical distribution systems for the tubes and localized resistances for volumes and chokes. Assuming a small increase of the parameters of flow, the equations of hydrodynamics and the state equations are reduced to a linear form corresponding to a wave equation including dissipation forces. The non-linearity of the compressor characteristic can be included in the boundary conditions. The solution of the quadrupole wave equation is obtained by Fourier's method. It contains the dimensionless complex frequencies, whose real part represents the frequency of the oscillations and the imaginary part - the logarithmic decrement of attenuation characterizing the stability of the system. The stability was investigated for a system containing one outlet tube loaded with an arbitrary acoustical resistance. The phase-plane of the system was established, and from it the regions of static and dynamic stability as well as instability were determined. A similar investigation was carried out for a compressor with a single inlet tube, and also for a combination of both the inlet and outlet tu-

Card 2/3

33568
S/194/61/000/012/052/097
D256/D303

Self-oscillations of ...

bes present. It was found in particular that the resistance distributed in the tubes connected to the compressor increases the surplus stability of the compressor. There are 10 references. [Abstractor's note: Complete translation.]

X

Card 3/3

34388
S/682/61/000/003/002/008
D234/D302

26.2195

AUTHORS: Bodner, V.A. and Ryazanov, Yu.A.

TITLE: On the problem of synthesizing structural diagrams of self-tuning systems of control of turbo-jet engines

SOURCE: Avtomaticheskoye regulirovaniye aviadvigateley; sbornik statey. no. 3, Moscow, 1961, 33 - 50

TEXT: The subjects treated are effect of flight conditions on the dynamical characteristics of the engine; synthesis of optimum parameters of control devices; analysis of the control system of the engine operating under variable external conditions; synthesis of structural diagrams of self-tuning units varying the parameters of the correcting devices. It is stated that optimum transition process under all flight conditions can be obtained by varying the parameters of the correcting circuits of regulators of the number of revolutions and gas temperature. The choice of optimum parameters of the correc-

Card 1/2

On the problem of synthesizing ...

ting devices can be realized with the aid of special self-tuning units containing functional elements and search elements; these units are practically identical for regulating circuits of both the number of revolutions and gas temperature. [Abstractor's note: The authors use the abbreviation TRDF, which has been translated 'turbo-jet engines' in the same way as TRD; the meaning of the letter F is not clear]. There are 12 figures and 2 tables.

Card 2/2

BODNAR', V.I.

USSR/Engineering - Machine tools

Card 1/1 Pub. 103 - 11/23

Authors : Bednar', V. I.

Title : The accuracy and purity of surfaces machined with the V. Kolesov tool

Periodical : Stan. i instr. 2, 30-32, Feb 1954

Abstract : The difficulties involved in the utilization of the V. Kolesov cutting tool the cutting edge of which has a zero angle of inclination, are discussed. Experiments conducted with low-carbon steel with elasticity modulus E = 2.1 · 104 kg/mm^2 showed that the surfaces machined with the Kolesov tool belong to the 5-6 purity class. This purity class is only recommended for the machining of details belonging to the 3-4 class of accuracy. Tables; diagrams; drawings

Institution : .....

Submitted : .....

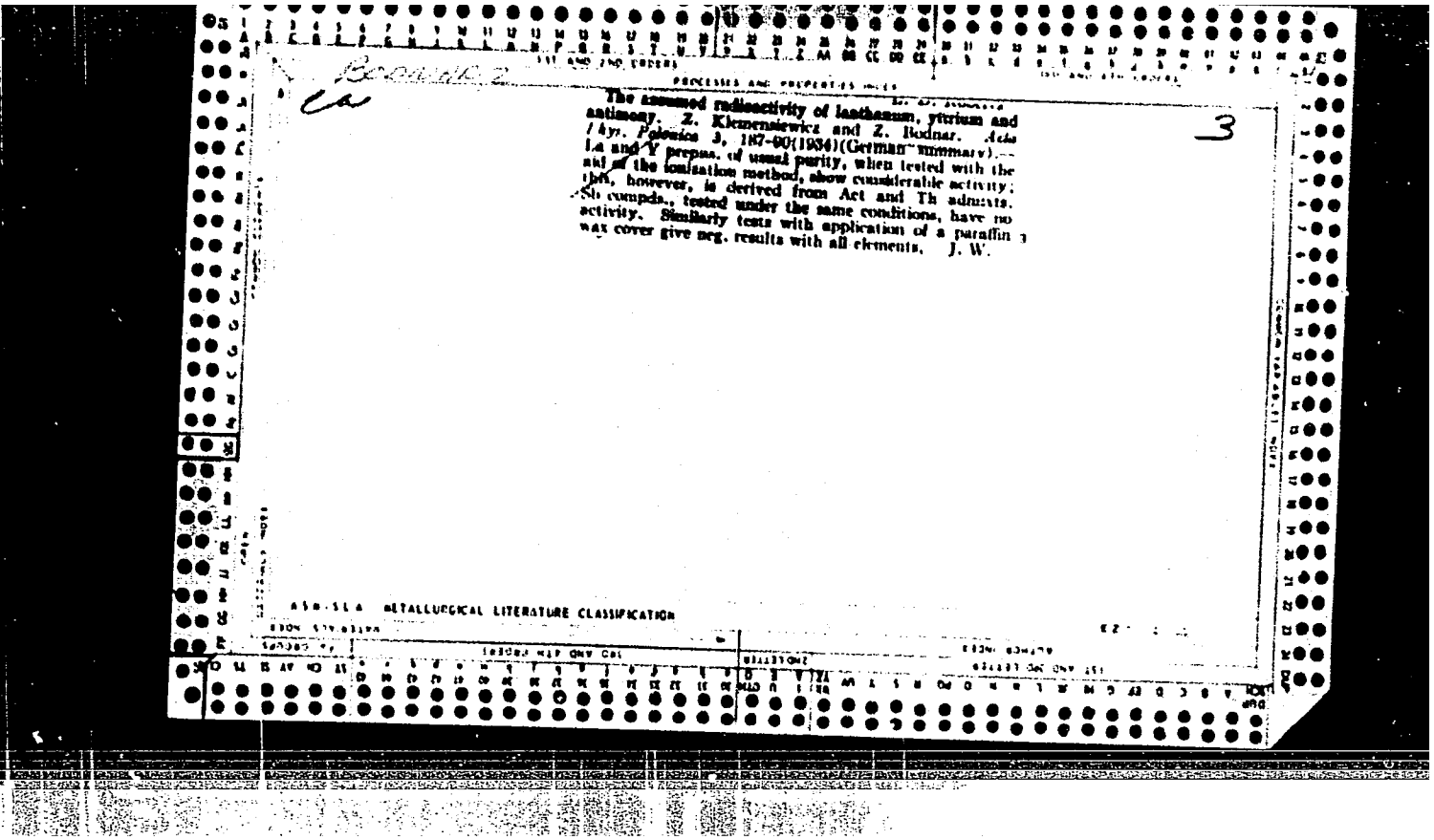
BODNAR, V.V., inzh.

Concerning the operation of large high-voltage step-down autotransformers. Vest. elektroprom. 32 no.3:9-11 Mr '61. (MIRA 15:6)

(Electric transformers)

BODNAR, Yu., inzh.

New materials and products. Stroitel' no.7:13 Jl '58. (MIRA 11:9)
(Building materials)



Ca

The assumed radioactivity of lanthanum, yttrium and antimony. Z. Klemensiewicz and Z. Bodnar. *Acta Phys. Polonica* 3, 187-90(1934)(German summary).—La and Y preps., of usual purity, when tested with the Szilard-Chalmers method, show considerable activity; this, however, is derived from Ac and Th admixts. Sb compds., tested under the same conditions, have no activity. Similarly tests with application of a paraffin wax cover give neg. results with all elements. J. W.

3

A58-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZYGMUNT, [illegible]

Category : POLAND/Optics - Optical technique K-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 2273

Author : Bodnar Zygmunt
Title : Shop Projector

Orig Pub : Pomiary, automatyka, kontrola, 1956, 2, No 6, 220-221

Abstract : No abstract

Card : 1/1

BODNAR-SOLOV'YEV, V.V.; NIKEROV, P.S.

Apparatus for measuring stresses arising in universal joints.
Gidrotekhnika no.1:94-96 '61. (MIRA 15:3)
(Universal joints(Mechanics)--Testing)

BODNARCHUK, I.

Fulfillment of dreams. Znan.ta pratsia no.7:21 Jl '59.
(MIRA 13:2)
(Northeast passage)

BODNARCHUK, I.N.

Using a globe with built-in compass in its base. Geog. v shkole 22 no.1:73 Ja-F '59. (MIRA 12:4)
(Geography--Study and teaching--Audio-visual aids)
(Globes)

DOMBROVSKIY, A.V.; BODNARCHUK, N.D.

α,α-Diphenyl-β-nitrophenylethylenes. Ukr.khim.zhur. 27 no.3:369-372 '61. (MIRA 14:11)

1. Chernovitskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

(Ethylene)

39896

26 21 20

S/044/62/000/007/057/100
C111/C333

AUTHORS: Shvets', I. T., Fedorov, V. Y. Bodnarchuk, V. G.

TITLE: The application of some approximation methods to the solution of the heat-equations in turbine-rotors

PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 33, abstract 7V148. ("Zb. prats'. In-t teploenerg. AN URSR," 1960, no. 18, 3-15)

TEXT: Investigated is the change of the temperature in an infinite hollow cylinder at instationary heat exchange. The problem leads to the following boundary value problem

$$\frac{\partial u}{\partial \tau} = b\left\{\frac{\partial^2 u}{\partial \rho^2} + \frac{1}{\rho}\cdot\frac{\partial u}{\partial \rho} + \frac{\partial^2 u}{\partial \zeta^2}\right\}; \quad (1)$$

$$\left[\frac{\partial u}{\partial \rho} + h\,(u - u_{\text{окр}})\right]_{\rho=1} = 0; \quad (2)$$

$$\left[\frac{\partial u}{\partial \rho}\right]_{\rho=k} = 0; \quad (3)$$

$$[u]_{\tau=0} = u_0, \quad (4)$$

Card 1/3

The application of some approximation... $u(\tau, \varsigma, \xi)$ being the searched function, $k \leq \varsigma \leq 1$, $-\infty < \xi < +\infty$, b and h being certain constants, u_{ex} being the temperature of the outside medium. One especially considers the case where u does not depend on ξ. In this case the question leads to the boundary value problem

$$\frac{\partial^2\theta}{\partial\rho^2} + \frac{1}{\rho}\cdot\frac{\partial\theta}{\partial\rho} - \frac{\partial\theta}{\partial\tau} = F(\rho, \tau); \qquad (1')$$

$$\left[\frac{\partial\theta}{\partial\rho}\right]_{\rho=1} = [-h(\theta - \theta_{cp})]_{\rho=1}; \qquad (2')$$

$$\left[\frac{\partial\theta}{\partial\rho}\right]_{\rho=k} = 0; \qquad (3')$$

$$[\theta]_{\tau=0} = \theta_0. \qquad (4')$$

If in problem (1) - (4) one gives u_{ex} as a function of τ and ς, and in problem (1') - (4') θ_{ex} as a function of τ, and if one carries out a Laplace transformation with respect to τ, then the boundary value

Card 2/3

The application of some approximation...

problems (1) - (4) and (1') - (4') leads to new problems the solutions of which are the images of $u(\tau, \xi, \zeta)$, respectively $\theta(\tau, \xi)$. These images are approximatively determined according to the method of averaging of the functional corrections of Yu. D. Sokolov and according to the method of B. G. Galerkin. After the subsequent transition to the originals one obtains approximative solutions of (1)-(4) and (1')-(4'). The first one of these two problems is solved according to the method of Yu. D. Sokolov, the second one according to Yu. D. Sokolov and B. G. Galerkin. With each of these methods one determines two approximations each. Because of numerical calculations one draws diagramms characterising the exactness of the obtained approximative solutions. Well-founded recommendations for the application of these methods in the praxis of the engineer are given.

[Abstracter's note: Complete translation.]

Card 3/3

16.7000

S/041/62/014/004/001/007
B172/B112

AUTHOR: Bodnarchuk, V. G. (Kiyev)

TITLE: Automata and events

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, v. 14, no. 4, 1962, 351 - 361

TEXT: The author defines the concept of superposition of events. The definitions and designations used in this connection are taken from papers of V. M. Glushkov (Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. I, no. 5, 1961 and v. XVI, no. 5, 1961). Events S_1, S_2, ..., S_n are given over an alphabet $\mathfrak{X} = (x_1, x_2, \ldots, x_m)$ and one event S is given over an alphabet $\mathfrak{Y} = (y_1, y_2, \ldots, y_n)$. The superposition $S(S_1, S_2, \ldots, S_n)$ consists of the words, and only the words, p, resulting from the words q and S due to the replacement of each symbol y_i of q by a word from S_i where y_i can be replaced by different words from S_i at different places of q. It is shown that with S_1, S_2, ..., S_n and S the superposition $S(S_1, S_2, \ldots$

Card 1/2 NOT ASSIGNED

.., S_n) is another representable event. Many known operations over the domain of the events are special superpositions. Several theorems on representable events are derived from the general superposition theorem. A language is introduced for representable events which makes it possible to establish a relation between the language of the regular expressions and that suggested by Yu. T. Medvedev (O klasse sobytiy, dopuskayushchikh predstavleniye v konechnom avtomate, Sb. "Avtomaty", M. 1956). Glushkov's algorithm of the abstract synthesis can thus be interpreted in a new way. There is 1 figure.

SUBMITTED: June 23, 1961

VERZHKHOVSKAYA, A.A.; BODNARCHUK, Ye.A.; LIKHTOROVICH, S.A.

Data on conditions causing complications in scarlet fever and their prevention. Pediatriia no.6:41-45 N-D '53. (MLRA 7:1)

1. Iz 3-go klinicheskogo otdeleniya (zaveduyushchiy - professor I.L.Bogdanov) Instituta infektsionnykh bolezney Akademii meditsinskikh nauk SSSR (direktor - professor I.L.Bogdanov).
(Scarlet fever)

BODNARESCU, D.

BODNARESCU, D. Problem of combined rods for deep pumping in the petroleum industry; effect of combined rods on economy of weight, shortening the length of the bottom stroke and lifting efficiency. p. 357.

Vol. 6, No. 8, Aug 1955
PETROL SI GAZE
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

BODNARESCU, D.

Problem of combined rods for deep pumping in the petroleum industry; effect of combined rods on economy of weight, shortening the length of the bottom stroke and lifting efficiency. p. 357. Petrol Si Gaze. Bucuresti. Vol. 6, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC. Vol. 5, No. 3, March 1956.

BODNARESCU, D.

Problem of resistance of combined drill stems in deep pumping in the petroleum industry. p. 405. Vol. 6, no. 9. Sept. 1955. PETROL SI GAZE. Bucuresti.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2. Feb. 1956.

BODNARESCU, D.; KINSKY, L; BOCANETE, E.

New improved methods in the exploitation of salt through its dissolution in wells. p. 452.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 11, Nov. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

BODNARESCU, Dan

Generalized combination of the sucker rods subjected to repeated unit stress. Studii cerc mec apl 14 no.3:651-673 '63.

BODNERESKU, Dan [Bodnarescu, Dan]

Generalized combination of pumping rod strings subjected to repeated unit stress. Rev mec appl 9 no. 1:117-144 '64.

ORMAZU, L., ing.; BODNARESCU, D., ing.; BODNARESCU, H., ing.

Contributions to the calculus of the economic efficiency of water injections outside and inside the contour during the final oil field operating period. Petrol si gaze 16 no.2:108-113 F '65.

L 42287-66

ACC NR: AP6031672 SOURCE CODE: RU/0007/65/016/002/0108/0113

AUTHOR: Ormazu, L. (Engineer); Bodnarescu, D. (Engineer); Bodnarescu, H. (Engineer)

ORG: none

TITLE: Contributions to the calculation of the economic efficiency of water injections outside and inside the contour during the final period of oilfield operation

SOURCE: Petrol si gaze, v. 16, no. 2, 1965, 108-113

TOPIC TAGS: petroleum engineering, petroleum industry

ABSTRACT: The authors give two nomographs based on G. I. Blanc's equations for the quick graphic determination of the relative cost price coefficient of water injections inside and outside the contours during the final period of oilfield operation. Orig. art. has: 10 figures, 21 formulas and 2 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 11, 05 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001

Card 1/1

1-FW

Bodnărescu, H. New theorems in connection with the theory of projections of plane angles.

the subcases, which the author considers

$B_1A_1C_1$ and BA_1C_1 respectively

of the plane

B. Gheorghiu (Jerusalem)

L 42287-66

ACC NR: AP6031672 SOURCE CODE: RU/0007/65/016/002/0108/0113

AUTHOR: Ormazu, L. (Engineer); Bodnarescu, D. (Engineer); Bodnarescu, H. (Engineer)

ORG: none

TITLE: Contributions to the calculation of the economic efficiency of water injections outside and inside the contour during the final period of oilfield operation

SOURCE: Petrol si gaze, v. 16, no. 2, 1965, 108-113

TOPIC TAGS: petroleum engineering, petroleum industry

ABSTRACT: The authors give two nomographs based on G. I. Blanc's equations for the quick graphic determination of the relative cost price coefficient of water injections inside and outside the contours during the final period of oilfield operation. Orig. art. has: 10 figures, 21 formulas and 2 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 11, 05 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001

Card 1/1

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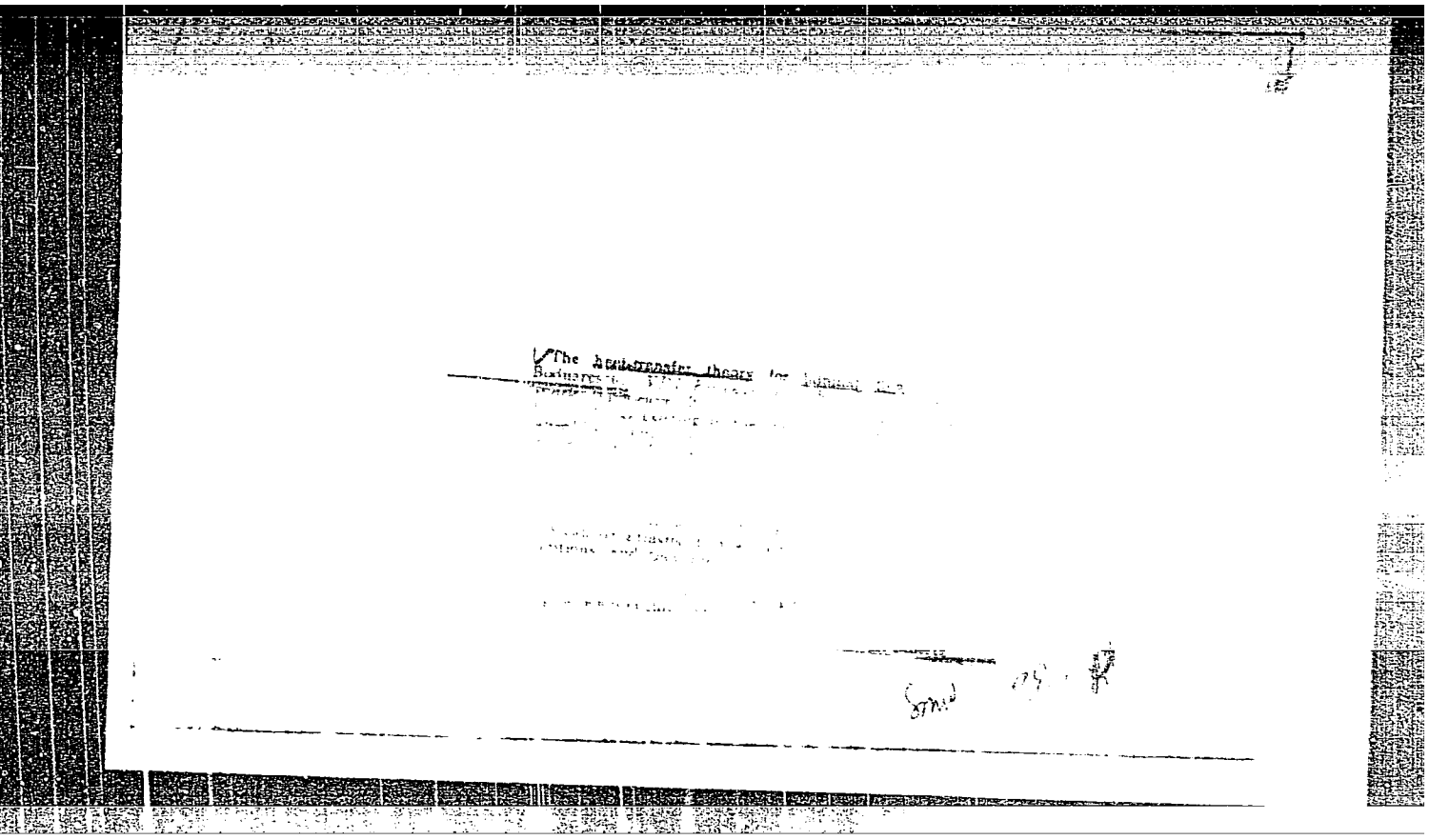


BOLNARESCU, Horia

On a system of the axioms of incidence. Studii cerc mat 11 no.1: 237-247 '60. (EEAI 10:9)

(Aggregates) (Groups, Theory of)
(Spaces, Generalized)

BODNARESCU, H.

Spaces of incidence. Pt.1. Studii cerc mat 17 no.1:19-47 '65.

1. Petroleum, Gas, and Geology Institute, Bucharest. Submitted June 2, 1964.

ORMAZU, L., ing.; BODNARESCU, D., ing.; BODNARESCU, H., ing.

Contributions to the calculus of the economic efficiency of water injections outside and inside the contour during the final oil field operating period. Petrol si gaze 16 no.2:108-113 F '65.

BODNARESCU, H.; RAICU, A.

On the geometry of spherical tanks. Bul Inst Petrol Rum 9: 171-187 '63.

BODNARESCU, R.; WASSERSTROM, E.

About Morley's theorem. Gaz mat B 13 no.7:407-409 Jl '62.

RADU-CERNEA, A.; BODNARESCU, R.; WASSERSTROM, E.

Nomogram for the calculation of some kinematic functions used in designing internal combustion engines. Bul Inst Petrol Rum no. 10:141-149 '63.

BODNAREV, K. T.

USSR/Miscellaneous

Card 1/1 : Pub. 104 - 11/14

Authors : Bodnarev, K. T.

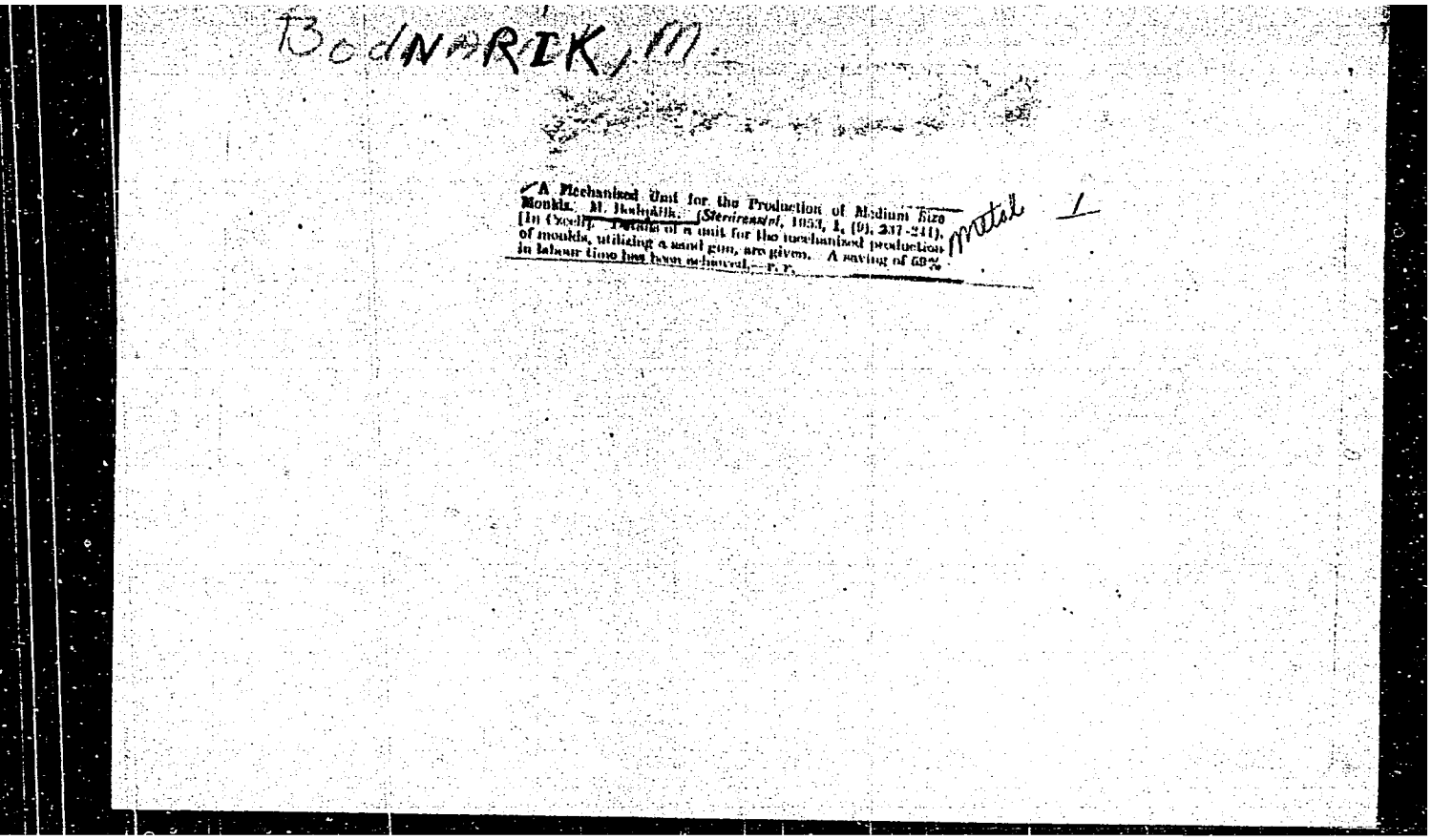
Title : Fused quartz - a new refractory for glass industry

Periodical : Stek. i ker. 10, 24-26, Oct 1954

Abstract : The basic requirements of refractories used in the construction of basins for bath-type glass furnaces are listed. The use of fused quartz as a refractory for the glass industry is discussed. Some results obtained by the utilization of fused quartz are described. Tables; graph; illustration.

Institution : ...

Submitted : ...



BODNARIK, M.

A Mechanized Unit for the Production of Medium Size Moulds. M. Bodnárik. (*Strojírenství*, 1953, 3, (9), 237-241). Details of a unit for the mechanized production of moulds, utilizing a sand gun, are given. A saving of 69% in labour time has been achieved.—F. F.

Metal 1

BODNARNE KARSAI, Eva, dr.

Application of decentralized average wage control in large industrial enterprises. Munka szemle 8 no.8:14-18 Ag '64

BODNARSKII, BOGDAN STEPANOVICH

BODNARSKII, BOGDAN STEPANOVICH. Bibliografiia russkoi bibliografii. Bibliograficheskaia literatura s 1923 g. po 1925 g. vkliuch. Moskva, Izd. zhurnala "Bibliograficheskie izvestiia", 1926. 3 v. in 1. DLC: Z2491.A1B6

SO: LC, Soviet Geography, Part I, 1951, Uncl.

BODNARUK, T.N.; MANDRUS, V.I.; MARUKHNYAK, N.I.

Core sampling in areas of the Carpathian Mountain region. Burenie no.9:5-6 '64. (MIRA 18:5)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya L'vovskogo soveta narodnogo khozyaystva.

L 36185-65 EPF(c)/EPR/EWP(j)/EWT(m) Pc-4/Pr-4/Ps-4 RM/WW

ACCESSION NR: AP5010562 UR/0204/64/004/005/0707/0712

AUTHOR: Grigorovich, B. A.; Tyuryayev, I. Ya.; Lutsenko, S. V.; Bednaryuk, T. S.

TITLE: Synthesis of isoprene from propylene. 4. Decomposition of 2-methylpentene-2 in the presence of HBr

SOURCE: Neftekhimiya, v. 4, no. 5, 1964, 707-712

TOPIC TAGS: catalysis, hydrogen, bromide, propylene, chemical stability, hydrocarbon

Abstract: The influence of temperature, time of contact and hydrogen bromide concentration on the yield of isoprene and composition of the decomposition products of 2-methylpentene-2 in the presence of HBr was studied at atmospheric pressure and under vacuum. The best results at atmospheric pressure were achieved at 675°, time of contact about 0.38 sec, dilution $H_2O:C_6H_{12}$ = 5:1, and HBr concentration 0.06 mole/mole of C_6H_{12}. Under these conditions the yield of isoprene was 33-35 mol.%, selectivity 55-56 mol.%. At 50 mm of mercury in the reaction zone, with a dilution $H_2O:C_6H_{12}$ =4.4:1, the best results were obtained at 675°, time of contract 0145 sec. and HBr concentration 0.06 mole/mole of C_6H12: yield of isoprene 32 mol.%, selectivity 49 mol.%. A mechanism of the decomposition of 2-methylpentene-2, qualitatively explaining the composition of the products obtained, was proposed on the basis of the theory of the radical chain decomposition of olefins, and an explanation was given for

Card 1/2

L 36135-65

ACCESSION NR: AP5010562 UR/0204/64/004/005/0707/0712 2

the role of HBr in this process. The authors thank V. V. Voyevodskiy for discussing the reaction mechanism. Orig. art. has 10 formulas, 7 graphs, and 2 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut monomerov dlya sinteticheskogo kauchuka (Scientific Research Institute of Monomers for Synthetic Rubber)

SUBMITTED: 22May64 ENCL: 00 SUB CODE: OC, GC

NO REF SOV: 007 OTHER: 001 JPRS

Card 2/2

BODNEVAS, A.I.; MATULIS, Yu.Yu. [Matulis, J.]

Internal stresses of electrodeposits of cobalt. Report No. 1: Effect of pH electrolyte, current density and the layer thickness of the deposits on internal stresses. Trudy AN Lit.SSSR.Ser. B. no. 1:49-60 '63. (MIRA 17:5)

1. Institut khimii i khimicheskoy tekhnologii AN Litovskoy SSR.

BODNEK, V. M.

"Zooplankton of the Baltic Sea as a Basic Food of Commercial Pelagic Fish." Cand Biol Sci, Leningrad State U, Leningrad, 1953. (RZhBiol, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13) SO: Sum. 598, 29 Jul 55

BODNER, V. A.

Ustoychivost' plastin pod deystviyem prodol'nykh periodicheskikh sil. Prikl. matem. i mekh., 2(1938), 87-104.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevskiy, P.K.
Moscow-Leningrad, 1948

Bodner V. A.

BODNER, V. A.

K voprosu o vliianii vibratsii baka na skorost' ego oporozhneniia. (Akademiia Nauk SSSR. Institut mekhaniki. Inzhenernyi sbornik, 1943, v.2, no. 1, p. 40-47)

Summary in English.

Title tr.: Effect of tank vibrations on the speed of emptying the tank.

TA4,A37 1943, v.2

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

BODNER, V.A.

BODNER, V.A.

K teorii signalizatora vnutrennego sgoraniia, Moskva, Izd. Akademii, 1945. 28 p. (Moscow. Voenno-vozdushnaia inzhenernaia akademiia im. N.E. Zhukovskogo. Trudy, no. 152)

Title tr.: Theory of indicators of internal combustion.

TL701. 1. B55

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

BODNER, V.A.

BODNER, V.A.

O dinamicheskikh pogreshnostiakh priborov, prednaznachennykh dlia izmereniia bystroizmeniaiushchikhsia velichin. 1947. 55 p., illus. (Moscow. Voenno-vozdushnaia. Trudy, no. 233)

Title tr.: Dynamic inaccuracies in instruments designed for measuring rapidly-varying magnitudes.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

Bodner, V.A.

BODNER, V.A.

K teorii giromagnitnogo kompasa. (Akademiia Nauk SSSR. Institut mekhaniki. Inzhenernyi abornik, 1947, v. 4, no. 1, p.165-176, diagrs.)

Summary in English

Title tr.: Theory of the gyro-magnetic compass.

TA 4.A37 v.4

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

Bodner, V. A.

BODNER, V.A.

Aviatsionnye kontrol'no-izmeritel'nye pribory. Moskva, Izd. Akad. im. Zhukovskogo, 1948. 340 p.

Title tr.: Aeronautical control and measuring instruments.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

BODNER, V. A.

USSR/Engineering- Circuits, Bridge Nov 49

"Graphic Design of Unbalanced DC Bridges," V. A. Bodner, N. F. Voloshchenko, Candidates Tech Sci, Air Force Eng Acad imeni Zhukov 2 pp

"Elektrichestvo" No 11

Determination of bridge circuit parameters by analytical methods presents considerable difficulty. Describes simple graphical method for unbalanced bridge circuits and indicates field of application. Method is especially valuable for complex bridge circuits with several variable parameters. Includes five diagrams. Submitted 12 Jan 49

PA 153T20

BODNER, V. A.

Avtokolebaniia v sisteme, soderzhashchei kompressor. (Akademiia Nauk SSR. Institut mekhaniki. Inzhenernyi sbornik, 1950, v. 6, p. 177-184, diagrs., bibliography)

Title tr.: Internal vibration in a system provided with a compressor.

TA4.A37 1950, v.6

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

BODNER, V.A.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 94 - I

BOOK Call No.: AF 472835

Author: BODNER, V. A.
Title: AUTOMATICS OF AIRCRAFT ENGINES
Transliterated Title: Avtomatika aviatsionnykh dvigateley.

Publishing Data
Originating Agency: None.
Publishing House: State Publishing House of the Defense Industry.
Date: 1952 No. pp.: 336 No. of copies: Not given
Editorial Staff
Editor: None Tech. Ed.: None
Editor-in-Chief: None Appraisers: None
Others: The author expresses his gratitude for their valuable comments and suggestions to Prof. V. N. Petrov, Assistant Prof. S. A. Krasovskiy, and Bach. of Tech. Sci. V. N. Gatesman.

Text Data
Coverage: This book presents the theoretical basis, the principles of construction, and the special features of design of automatic installations in aircraft engines. The influence of the parameters of these installations on the dynamics of the regulatory process is described.
Purpose: A text for students at aeronautical technical installations. Can also be used by engineers and scientists interested in the problems treated.
Facilities: None
No. of Russian and Slavic References: 69
Available: A.E.D., Library of Congress.

BODNER, V.A.

Bodner, V.A., "Choosing Optimum Parameters for Regulated Systems," Moscow, Oborongiz, 1953, 20 pages, 10 figures; bibliography, 10 items (Ministry of Aviation Industry, No 237).

BODNER, V. A.

Automation in Aircraft Engines. 1956. (Avtomatika aviatsionnykh dvigateley).

BODNER, V. A.

Vasiliy Afanas'yevich

Call Nr: AF 1022639

AUTHOR: Bodner, V. A.

TITLE: Automatic Control of Aircraft Engines (Avtomatika aviatsionnykh dvigateley)

PUB. DATA: Oborongiz, Moscow, 1956 (Second Edition) 400 pp.; number of copies: not given.

ORIG. AGENCY: None

EDITOR: Zaytseva, K. Ya., Engineer; Managing Editor: Sokolov, A. I., Engineer; Editor of Publishing House: Bogomolova, M. F.; Technical Editor: Gladkikh, N. N.; Reviewer: Shevyakov, A. A., Candidate of Technical Sciences.

PURPOSE: The book was intended as a textbook for students of aeronautical engineering schools. It may also be used by engineers and scientists interested in problems of automatic control of aircraft engines.

~~Card 1/26~~