L 23790-65 EWT(m)/EPA(b)

ACCESSION NR: AT [illegible]9290 S/2562/64/[illegible]

AUTHOR: [illegible] Karabanov, I. N.; Fedorov, [illegible] A

TITLE: T[illegible] spectra from monoenergetic neutron[illegible]

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Voprosy dozimetrii i zashchity ot izlucheniy, no. 3, 1964, 101-105

TOPIC TAGS: neutron spectrum, monoenergetic neutron scattering, water shielding, counting efficiency method, reactor shielding

ABSTRACT: The method of counting efficiencies (see, e.g., G. G. Doroshenko, et al., Neutron Dosimetry. Proc. of Symposium on neutron detection, dosimetry and standardization, Harwell, Dec. 10-14, 1962. International Atomic Energy Agency, Vienna, vol. 1, 1963, p. 337) in the single-scattering approximation was applied to the study of spectra of monoenergetic neutrons behind water shielding. Monoenergetic 15.1 Mev neutrons originated from the accelerator reaction

$$D_1^2 + T_1^3 \rightarrow n + He_2^4.$$

Card 1/2

L 23790-65

ACCESSION NR: AT 5003290

Data from a target at the center of a water-filled tank (simulating infinite geometry) were collected by Yu. A. Kazanskiy and V. A. Dulin. The results are compared with theoretical data by R. Aronson et al. (USAEC, Report NYO-6269, 1954) and with the exact Monte Carlo calculation of counting efficiencies by V. G. Zolotukhin et al., (Atomnaya energiya, 15, no. 3 1964, 1963). The agreement is good, indicating that the approximation taking into account single hydrogen atom scattering can be utilized for the approximate evaluation of fast neutron spectra. Orig. art. has: 2 formulas, 2 figures, and 1 table.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: NP

NO REF SOV: 004 OTHER: 002

Card 2/2

L 25297-65 EWT(1)/EWT(1)/EWT(m)/EPF(c)/EWP(j)/EEC(b)-2/EWA(h)/EWA(1)

ABSTRACT: Photon multipliers operating in the nonlinear region may [illegible] Ye. L. St[illegible]ova, Neutron Dosimetry [illegible] of Symp[illegible] dosimetry, and s[illegible] Energy Agency, Vienna [illegible]

[illegible] high saturation conditions. [illegible]

scintillators, and on the time constant of the RC load, on the other hand. [illegible]

Card 1/2

L 23782-65

ACCESSION NR: AT5003292

[illegible] of the observed events. The [illegible]

Card [illegible]

DOROSHENKO, G.G.; GLAGOLEV, V.I.; BARABANOV, I.R.; FILYUSHKIN, I.V.

Analyzing the reliability of methods for studying the continuous spectra of fast neutrons and gamma quanta. Atom energ. 16 no.3: 218-223 Mr '64. (MIRA 17:3)

BARABANOV, Kim Konstantinovich; KURNIKOV, Fedor Davydovich; PROKHOROV, Aleksey Ivanovich; SUMNIK, Z.A., red.

[The seven-year plan in figures and diagrams] Semiletnii plan v tsifrakh i diagrammakh. Moskva, Izd-vo "Znanie," 1959. 62 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3. Ekonomika, no.23/24) (MIRA 12:8)
(Russia—Statistics)

BARABANOV, L.

Take an interest in the life of each artel. Prom.koop. no.3:30-31 Mr'55. (MLRA 8:11)

1. Zamestitel' predsedatelya arteli imeni 15 godovshchiny Oktyabrya, g. Krasnodar
(Krasnodar--Woodworking industries)

1. Barabanov, L.G.

2. USSR (600)

4. Satin.

7. Effect of spinning processes on the striped appearance in satin. Tekst. prom. 12 no. 12 '52.

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

BARABANOV, L.G.

Potentialities for increased labor productivity in spinning. Tekst.prom. 16 no.4:11-16 Ap '56. (MIRA 9:7)

1.Zamestitel' nachal'nika Glavnoy inspektsii po khlopchato-bumazhnoy promyshlennosti Ministerstva tekstil'noy promyshlennosti SSSR.
(Cotton spinning)

ZAMAKHOVSKIY, L.I.; PAVLOV, N.N.; BARABANOV, L.G.; SLUTSKIN, S.M.; MINAYEV, I.A., inzhener.

Efficient work organization for spinners and bobbin removers. Tekst. prom. 16 no.6:16-21 Je '56. (MLRA 9:8)

1. Zaveduyushchiy normativno-issledovatel'skoy laboratoriyey Glavkorda (for Slutskin).

(Spinning)

BARABANOV, L.G., glavnyy inzhener

What causes unevenness in spinning. Tekst. prom. 19 no.6:20-26 Je '59. (MIRA 12:9)

1.Kombinat "Trekhgornaya manufaktura" imeni Dzerzhinskogo.
(Spinning)

BARABANOV, L.G.

What causes unevenness in spun products. Tekst. prom. 19 no.7:29-35 Jl '59. (MIRA 12:11)

1.Glavnyy inzhener kombinata "Trekhgornaya manufaktura" imeni Dzerzhinskogo.
(Spinning) (Yarn--Testing)

BARABANOV, L.

In the struggle to be named a factory of communist labor. Sots. trud 5 no.9:108-115 S '60. (MIRA 13:10)

1. Ispolnyayushchiy obyazannosti direktora kombinata "Trekhgornaya manufaktura".
(Moscow--Textile industry) (Socialist competition)

BARABANOV, L.G.

Striving for 200 kilo-counts per man per hour. Tekst.prom. 20 no.7:59-62 Jl '60. (MIRA 13:7)

1. Glavnyy inzhener kombinata "Trekhgornaya manufaktura" imeni Dzerzhinskogo.
(Textile workers--Labor productivity)

KOVALEV, F.L., kand.tekhn.nauk, laureat Stalinskoy premii;
TERYUSHNOV, A.V., prof.; FEDOROV, K.P.; BARABANOV, L.G.

For a mass subscription to "Tekstil'naia promyshlennosti'";
readers' letters. Tekst. prom. 20 no. 11:87 N '60.
(MIRA 13:12)

1. Direktor TSentral'nogo nauchno-issledovatel'skogo instituta sherstyanoy promyshlennosti (for Kovalev). 2. Zaveduyushchiy kafedroy pryadeniya khlopka Moskovskogo tekstil'nogo instituta (for Teryushnov). 3. Master po detalyam Remontno-montazhnogo otdela fabriki imeni Frunze (for Fedorov). 4. Direktor kombinata "Trekhgornaya manufaktura" imeni Dzerzhinskogo (for Barabanov).
(Textile industry--Periodicals)

GRISHIN, Pinkhos Izrailevich; DEULINA, G.P., retsenzent; BARABANOV, L.G., retsenzent; SOKOLOVA, V.Ye., red.; SHVETSOV, S.V., tekhn. red.

[Automatic stops for textile machinery] Samoostanovy tekstil'nykh mashin. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 138 p. (MIRA 14:7)

(Textile machinery) (Automatic control)

BARABANOV, L.G.; KONOPLEVA, A.I.; FODIMAN, L.V., kolorist; SHMELEVA, L.S.; CHEBIKINA, V.A., dessinator

Practices for improving the assortment and quality of production. Tekst. prom. 21 no. 4:55-67 Ap '61. (MIRA 14:7)

1. Direktor kombinata "Trekhgornaya Manufaktura" (for Barabanov). 2. Zaveduyushchaya otdelochnym proizvodstvom kombinata "Trekhgornaya Manufaktura" (for Konopleva). 3. Nachal'nik laboratorii kombinata "Trekhgornaya Manufaktura" (for Shmeleva).
(Textile fabrics)

BALYASOV, Pavel Dmitriyevich; KONYUKOV, Pavel Mikhaylovich; SMELOVA, Nina Alekseyevna; EFROS, Boris Yefimovich; ZOTIKOV, V.Ye., prof., retsenzent; BARABANOV, L.G., retsenzent; KOPELEVICH, Ye.I., red.; VINOGRADOVA, G.A., tekhn. red.

[Laboratory manual on cotton spinning]Laboratornyi praktikum po priadeniiu khlopka. Izd.2., perer. i dop. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR "Rostekhizdat," 1962. 491 p. (MIRA 15:9)

(Cotton spinning) (Cotton machinery)

DOROSHENKO, G.G.; FEDOROV, V.A.; BARABANOV, I.R.; GRISHIN, Yu.L.

Analyzing the performance of a photomultiplier under nonlinear operating conditions. Vop.doz. i zashch. ot izluch. no.3:110-124 '64. (MIRA 18:2)

S/0089/64/016/003/0218/0223

ACCESSION NR: AP4020327

AUTHOR: Doroshenko, G. G.; Glagolev, V. I.; Barabanov, I. R.; Filyushkin, I. V.

TITLE: Analysis of reliability of methods of studying continuous spectra of fast neutrons and gamma quanta

SOURCE:- Atomnaya energiya, v. 16, no. 3, 1964, 218-223

TOPIC TAGS: continuous spectrum, fast neutron, gamma quantum, radiation spectrum, matrix method, neutron dosimetry

ABSTRACT: Various matrix methods for studying the continuous radiation spectra were analyzed from the viewpoint of reliability. The physical reliability of methods of studying the continuous spectra of fast neutrons and γ-quanta is evaluated on the basis of applying criteria of conditionality of linear equation systems. The matrix integral and differential methods of spectrometry with respect to the shape of the line are discussed and compared. In each of these methods, the relationship of conditionality to line shape, matrix rank and energy range is studied. An advantage is shown for the method of counting efficiencies with poor line shapes. "The authors are grateful to V. G. Zolotukhin for his

Card 1/2

BARABANOV, L.G.

Mechanization and automation in the light industry. Mekh. i avtom. proizv. 18 no.11:20-21 N '64 (MIRA 18:2)

1. Zamestitel' predsedatelya Gosudarstvennogo komiteta po legkoy promyshlennosti.

BARABANOV, L.N., Cand Geol Min Sci -- (diss) "Thermal and mineral waters of the ~~Small~~ MALYY Caucasus." Mos 1958, 20 pp., two sheets of tables (Mos Order of Lenin and Order of Labor Red Banner State Univ im M.V. Lomonosov. Geol Faculty. ~~Chair~~ Chair of Hydrogeology) 160 copies (KL, 39-58, 107)

VLODAVETS, V.I., red.; DERGUNOV, I.D., red. [deceased]; IVANOV, V.V., red.; MAKARENKO, F.A., red.; KHITAROV, N.I., red.; BARABANOV, L.N., red.; SHEYNMAN, V.S., red. izd-va; YEGOROVA, N.F., tekhn. red.

[Problems in geothermy and the practical utilization of the earth's heat; transactions] Problemy geotermii i prakticheskogo ispol'zovaniia tepla Zemli; trudy. Moskva, Izd-vo Akad. nauk SSSR. Vol.2. 1961. 304 p. (MIRA 14:8)

1. Vsesoyuznoye soveshchaniye po geotermicheskim issledovaniyam. (Heating) (Water, Underground)

BARABANOV, Leonid Nikitovich; MAKARENKO, F.A., doktor geol.-mineral. nauk, otv. red.; ZOLOTOV, P.F., red.izd-va; LAUT, V.G., tekhn.red

[Thermal waters of the Lesser Caucasus] Termal'nye vody Malogo Kavkaza. Moskva, Izd-vo Akad. nauk SSSR, 1961. 81 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol.37) (MIRA 14:11)

(Transcaucasia—Springs)

BARABANOV, M.

Follow the course of the best workers. Stroitel' no.8:26-28 Ag '61. (MIRA 14:8)
(Socialist competition) (Construction industry)

BARABANOV, M. I.

Evaluation of decolorizing activated carbon [sugar production] M. I. Barabanov. *Trudy Kiev. Tekhnol. Inst. Pishchevoi Prom.* 1953, No. 13, 23-8; *Referat. Zhur., Khim.* 1954, No. 19143.

M. Hoch

BARABANOV, M. I.

Adsorption of coloring matter of sugar production by calcium carbonate in the defecation-saturation process. M. I. Barabanov. *Trudy Kiev. Tekhnol. Inst. Pishchevoi Prom.*, 1953, No. 13, 33-5; *Referat. Zhur., Khim.* 1954, No. 47453.—The adsorption of coloring matter by $CaCO_3$ follows the equation of the Langmuir isotherm.

M. Hosch

LITVAK, I.M.; BARABANOV, M.I.

New method for manufacturing pectin glue from bagasse. Trudy KTIPP no.17:11-15 '57. (MIRA 13:1)
(Glue) (Sugar industry--By-products)

LITVAK, I.M.; BARABANOV, M.I.

Scientific conference at the Kiev Technological Institute for the Food Industry. Sakh. prom. 32 no.5:75-76 My '58. (MIRA 11:6)
(Sugar industry--Congresses)

LITVAK, I.M.; BARABANOV, M.I.

Publication of technical literature on sugar manufacture. Sakh. prom. 32 no. 6:77 Je '58. (MIRA 11:7)

(Sugar)

LITVAK, I.M.; BARABANOV, M.I.

Study of the technological conditions for the preparation of food pectin from pulp. Trudy KTIPP no.21:3-10 '59. (MIRA 14:1)
(Pectin)

LITVAK, I.M.; BARABANOV, M.I.

Obtaining a dry pectin glue from beet pulp by the method of the Kiev Technological Institute of the Food Industry. Sakh. prom. 33 no.7:28-33 Jl '59. (MIRA 12:11)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti (KTIPP).

(Pectin) (Glue)

LITVAK, I.M.; BARABANOV, M.I.

Behavior of glutamic acid during the heating of its solutions. Report No.1. Trudy KTIPP no.22:3-6 '60. (MIRA 14:3)
(Glutamic acid)

BARABANOV, M.I.; LITVAK, I.M.

Method of quantitative determination of glutamic acid in feed molasses. Trudy KTIPP no.24:18-21 '61. (MIRA 15:6)
(Molasses--Analysis) (Glutamic acid)

BARABANOV, M.I.

Control of the operation of multistage carbonation juice settling tanks. Sakh. prom. 35 no. 5:35-37 My '61. (MIRA 14:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

(Sugar manufacture)

LITVAK, I.M.; BARABANOV, M.I.; VIL'CHINSKIY, S.T.

Experimental continuous diffuser. Sakh. prom. 35 no.11:26-28 N '61. (MIRA 15:1)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Diffusers)

BARABANOV, M.I.

Pectin from sugar beets as booster for the sedimentation of the solid phase of first saturation juices. Khar.prom. no.3:21-25 Jl-S '62. (MIRA 15:8)

(Sugar manufacture)

BARABANOV, M.I.

Improving the sedimentation of the first carbonation juice by means of adding diffusion juices. Sakh.prom. 35[i.e. 36] no.2:25-27 F '62. (MIRA 15:4)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

(Sugar manufacture)

BARABANOV, M.I.; VIL'CHINSKIY, S.T.; LITVAK, I.M.

Colorimetric method of determining betaine content in molasses and separation waste lye. Sakh.prom. 35[i.e. 36] no.2:41-44 F '62. (MIRA 15:4)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

(Sugar manufacture)

LITVAK, I.M.; BARABANOV, M.I.

Behavior of glutamic acid during the heating of its impure solutions. Report No.2. Trudy KTIPP no.25:4-6 '62. (MIRA 16:5)

(Glutamic acid) (Molasses)

BARABANOV, M.I.; BARABANOVA, K.A.; DANIL'TSEV, V.A.; MATEUSH, Ya.I.

Pay more attention to the second saturation. Sakh.prom. 36 no.4:17-19 Ap '62. (MIRA 15:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana (for Barabanov). 2. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti (for Barabanova). 3. Gnivanskaya gruppovaya laboratoriya (for Danil'tsev, Mateush).
(Sugar manufacture)

BARABANOV, M.I.; LITVAK, I.M.

Effect of the pH of the medium on the optical activity of glutamic acid. Trudy KTIPP no.25:19-20 '62. (MIRA 16:5)
(Glutamic acid)

BARABANOV, M.I.; VIL'CHINSKIY, S.T.; LITWAK, I.M.

Colorimetric method for determining the betaine content of feed molasses and separation waste alkalies. Trudy KTIPP no.25:69-73 '62. (MIRA 16:5)

(Betaine) (Colorimetry) (Sugar industry—By-products)

BARABANOV, M.I.; GRIVTSEVA, E.A.

More about the use of sugar beet molasses as raw material for the production of glutamic acid. Sakh. prom. 37 no.3:26-27 Mr '63. (MIRA 16:4)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti im. Mikoyana.

(Gutamic acid) (Molasses)

POLYACHENKO, M.M.; BARABANOV, M.I.

Polarographic analysis of caramel obtained from saccharose.
Izv.vys.ucheb.zav.; pishch.tekh. no.5:52-54 '63. (MIRA 16:12)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra obshchey i neorganicheskoy khimii.

LIKHITSKIY, M.Kh.; BORROVNIK, L.D.; BARABANOV, M.I.

Testing the method of the sedimentation of the first carbonation juice by the addition of diffusion juice. Trudy KTIPP no.27: 46-51 '63. (MIRA 17:5)

BARABANOV, M.I.

Some problems of the improvement of the second carbonation in juice purification. Sakh.prom. 38 no.3:25-28 Mr '64. (MIRA 17:4)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

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).

LITVAK, I.M., doktor tekhn. nauk; BARABANOV, M.I., kand. tekhn. nauk; BOBROVNIK, L.D., kand. tekhn. nauk; PRIKHOD'KO, I.A., kand. tekhn. nauk

Research work in the department of the production technology for sugary substances of the Kiev Technological Institute of the Food Industry; on the occasion of the 35th anniversary of the department. Pishch. prom. no.2:216-225 '65. (MIRA 18:11)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.

BARABANOV, M.I.

MATIYENKO, A.S.; BARABANOV, M.I.

Putting power transformers into operation faster. Energ.biul. no.5: 30-31 My '54. (MLRA 7:5)

(Electric transformers)

BARABANOV, M.I.

AID P - 2369

Subject : USSR/Electricity

Card 1/1 Pub. 28 - 3/13

Authors : Barabanov, M. I. and Matiyenko, A. S.

Title : Protection of a relay operating on alternating current

Periodical : Energ. Byul., 6, 9-10, Je 1955

Abstract : The authors briefly describe the use of the TKB-type saturable transformer and the IT-81 relay (with ammeter included in the chain) for protection of electric installations. Three drawings are attached.

Institution: None

Submitted : No date

BARABANOV, M.I.

Regulating the operation of equipment in the petroleum industry. Energ.biul. no.1:19-21 Ja '56. (MLRA 9:5)
(Electric machinery)

BARABANOV, M.N.

LITVAK, I.M.; BARABANOV, M.N.

Testing the Kodriavtsev SA-1 automatic saccharimeter. Sakh. prom. 32 no.1:44-45 Ja '58. (MIRA 11:2)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

(Saccharimeter)

PYSIN, S.L.; KISELEV, A.I.; IZMALKOV, I.G.; BARABANOV, M.TS.

Automatic device for simultaneous drilling of four nail holes in window sashes. Suggested by S.L.Pysin, A.I.Kiselev, I.G.Izmalkov, M.TS.Barabanov. Rats.i izobr.predl.v stroi. no.16:45-46 '60. (MIRA 13:9)

1. Rabotniki derevoobrabatyvayushchego kombinata No.3 Glavmospromstroymaterialy Mosgorispolkoma, Moskva, 1-ya Karacharovskaya ul., d.8.

(Windows) (Drilling and boring machinery)

BARABANOV, Mikhail Vasil'yevich; LEPNIKOVA, Ye., red.; DUDNICHENKO, E., mladshiy red.; NOGINA, N., tekhn.red.

[Economic competition between the two systems; criticism of the opinions of bourgeois ideologists of the U.S.A.] Ekonomicheskoe sorevnovanie dvukh sistem; kritika vzgliadov burzhuaznykh ideologov SSHA. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 185 p. (MIRA 14:4)

(Economics)

BARABANOV, M.V.

All-Union seminar on the use of explosion power in metal cutting.
Mashinostroenie no.2:42 Mr-Ap '62. (MIRA 15:4)
(Metal cutting)

BARABANOV, M. Ye.

RUTSKIY, A.I.; LEONKOV, A.M.; GEYLER, L.B.; SLEPYAN, Ya.Yu.; MOSEYEV, I.V.; SOBOLEV, A.I.; TINYAKOV, N.A.; VOLKOV, N.P.; BOTVINNIK, Ya.Ye.; BARABANOV, M.Ye.; BRAZGOVKA, V.A.; PEKELIS, G.B.; KUZOVNIKOVA, Ye.A.; KUZ'MIN, Yu.P.; SHIMKO, N.I.; PALLADIY, N.L.; KHUTSKIY, G.I.

G.I. Dobkin; obituary. Izv. vys. ucheb. zav.; energ. no.4:128 Ap '58. (Dobkin, Grigorii Izrailevich, 1892-1958) (MIRA 11:6)

BARABANOV-N.L.

Reaction of organic sulfur compounds with a ferrous contact mass. A. N. Bashkirov and N. L. Barabanov (M. V. Lomonosov Inst. Fine Chem. Technol., Moscow). *Doklady Akad. Nauk S.S.S.R.* 104, 415-17(1955).—Various org. S compds. were passed through a hot tube filled with 2-3 mm. grains of Fe_2O_3 pretreated with 5% NaOH, a material similar to the ferrous masses used for the removal of S contaminants from industrial gases. At 250° CS_2 gave 75% CO_2 and some 20% C; during the process the contact mass is reduced to the ferrous form. The S component is fixed on the contact mass, some 35% of it as Fe and Na sulfides and some 25% as elemental S; no sulfite S was found. At 200° COS gave 80% CO_2, some 13% C, and the remainder formed CO. At 300° EtSH gave 25% C, 10% CO_2, and 4% CO, along with 45% H_2O and 1-2% H; the rest of the mercaptan decompd. to C_2H_4 and C_2H_6. At 350° Pr_2S gave 60% propene, 7% C_3H_8, 15% C, 2% CO and H, and 20% combined CO_2, H_2O, and C; the reaction run in a water-gas atm. gave 20% C_3H_8 and less propene. At 350° iso-Bu_2S gave 43% combined C and CO_2 (28% C), 37% H_2O, 30% $Me_2C:CH_2$, 20% Me_3CH, and 2% CO and H. Thiophene at 450° gave 50% decompn., with 45% forming C and H, 33% CO_2, and about 60% H_2O, with 10% butylene and C_4H_8.

G. M. Kosolapoff

BARABANOV—N. L.

Reaction of organic sulfur compounds with a reduced iron contact mass. A. N. Bashkirov and N. L. Barabanov (M. V. Lomonosov Inst. Fine Chem. Technol., Moscow), *Doklady Akad. Nauk S.S.S.R.* 104, 854-6(1955); cf. preceding abstr.—An Fe contact-mass prepd. by reduction of the oxide with H at 500° was employed in the following reactions, in which the org. S compds. were passed through the contact substance. At 200° CS_2 gave some 85% C, and some CO and CO_2 (from incompletely reduced Fe oxides); the S is totally fixed in the Fe mass. COS at 200° gave 75% CO with some 15% C. EtSH at 250° gave 63% C_2H_6 and 25% C_2H_4. Pr_2S at 300° gave 68% propene, 24% C_3H_8, and 5% H. Bu_2S at 300° gave 80% butane-butylene and 3% H. iso-Bu_2S at 260° gave 79% $Me_2C:CH_2$, 1% Me_3CH, and 5% $(CH_3CHMe_2)_2$. Thiophene at 450° gave 65% C and 28% butane-butylene, with some 25% H. PhSH at 260° gave 85% C_6H_6, 10% Ph_2, and 4% H. Ph_2S at 350° gave 85% Ph_2 and 10% C_6H_6. G. M. Kosolapoff

Chem

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SOV/65-59-8-5/17

AUTHORS: Barabanov, N.L., Tyuryayev, I.Ya. and Mukhina, T.N.

TITLE: The Rate of Reaction During the Pyrolysis of Ethane

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1959, Nr 8, pp 19-22 (USSR)

ABSTRACT: The pyrolysis of ethane proceeds in the form of three reactions (Ref 4 - 8): the dehydrogenation and cracking of ethane and the decomposition of ethylene; the stoichiometric equations for these reactions are given (Formulae 1 and 2). The ethane was pyrolised in a quartz reactor whilst using a continuous process. Results obtained by chromatographic analysis of the pyrolysed gas are given (Table 1). The reaction rate during the decomposition of ethane can be expressed by a first order equation according to A.I.Dintses and A.V.Frost (Ref 9). The coefficient of inhibition β equalled 0.94; the rat constant was found to depend on the temperature. The to rate of decomposition increases only slightly when the action period varies between less than 0.5 to 0.7 sec hes a maximum and then decreases due to the the ethane concentration (Fig 1). A certa

BARABANOV, N.L.; MUKHINA, T.N.

Pyrolysis of ethane-propane mixtures. Neftekhimia 1 no.3: 386-391 My-Je '61. (MIRA 16:11)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov i organicheskikh produktov.

FEYGIN, Ye. A.; PLATONOV, V. M.; MUKHINA, T. N.; BARABANOV, N. L.

Calculating the process of ethane pyrolysis by means of the "Ural-1" electronic digital computer. Neftekhimia 2 no.4: 498-506 Jl-Ag '62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov i organicheskikh produktov.

(Ethane) (Pyrolysis)

L 19368-66 EWT(m)/EWP(j)/T WW/WE/RM

ACCESSION NR: AP5016028 UR/0065/64/000/010/0040/0043

AUTHOR: Barabanov, N. L.; Butovskiy, V. A.; Feygin, Ye. A.

TITLE: Designing a tubular reactor for the pyrolysis of straight-run gasoline on a computer

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 10, 1964, 40-43

TOPIC TAGS: petroleum industry, petroleum refinery equipment, gasoline, pyrolysis, computer

Abstract: In connection with a planned expansion of the petrochemical industry in the near future, ethylene, propylene, and other low olefins will be produced by pyrolysis (cracking) of low-octane straight-run gasoline in tubular reactors of the pipe-still type. Design of these reactors under consideration of the kinetics of chemical conversion of the mixture of substances present in gasoline, heat transfer, and dynamics of flow is extremely complex. A model is proposed on the basis of which the required design calculations can be carried out on a computer. It was established in connection with the development of the design procedure that the overall kinetics of decomposition of gasoline in the reactor correspond to an

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L 19368-66
ACCESSION NR: AP5016028

equation for the cracking of hydrocarbons proposed by A. I. Dintses and A. V. Frost, Dokl. Akad. Nauk SSSR, Vol. 3, No 7, 1934, p 510. To calculate the length of the pipe coil in the reactor, the temperatures of the gas mixture at the exit from the pipes were assumed to be in the range of 780-800°, 750-760°, and 730-735° for the production of ethylene, propylene, and butylene-butadiene, respectively, with the degree of conversion of the feed stock varying with the exact temperature at the exit. The effects of the addition of water vapor on the kinetics, yield of olefins, temperature, and the required length of tubing in the reactor were considered. It is held that the kinetics of the reaction, rather than heat transfer, consitute the limiting factor in the conversion. On the basis of the precision of laboratory experiments on which the design procedure is based, it is assumed that the precision of the calculations will be approximately ± 15%. Orig. art. has 10 formulas, 1 graph, and 1 table.

ASSOCIATION: NIISS

SUBMITTED: 00 ENCL: 00 SUB CODE: FB, GC

NO REF SOV: 006 OTHER: 001 JPRS

Card 2/2 bG

BARABANOV, N.N., inzh.; KOYKOV, S.N., kand.fiziko-matematicheskikh nauk; FOMIN, V.A., inzh.; TSIKIN, A.N., kand.tekhn.nauk

Ionization aging of polymer films in a wide range of temperatures, voltages, and frequencies. Elektroteknika 34 no.12:15-19 D '63. (MIRA 17:1)

ITSEK, S. Ye.; MUKHINA, T. N.; BARABANOV, N. L.;

Effect of aromatic hydrocarbons on the distribution of the products of gasoline pyrolysis. Khim prom no. 3:163-165 Mr '64. (MIRA 17:5)

BARABANOV, N., inzhener-korablestroitel'.

Rebuilding large lumber carriers to transport locomotives from the U.S.A. to the U.S.S.R. Mor.flot 7 no.1:8-13 Ja '47. (MLRA 9:5)

(Locomotives--Transportation) (Steamboats)

BARABANOV, N.

Some methods to avoid and correct distortions in steel structures in welding; from American shipbuilding plant practices. Mor.flot 7 no.3:29-34 Mr '47. (MLRA 9:5)
(United States--Shipbuilding) (Ships, Iron and steel--Welding)

BARABANOV, N.

PA 25/49T15

USSR/Engineering Jul 48
Ships -- Construction
Propellers, Ship

"The Work of Icebreakers With Bow Propellers," N. Barabanov, Ship-Constr Engr, 4 pp

"Morskoy Flot" No 7

Recommends that all icebreakers operating in ice-bound waters be equipped with bow propellers. Mentions icebreakers with equipment permitting smashing of the ice by working on the lower surface of the ice sheet. Suggests reversible pitch propellers for the bow. Theory is in practice on several icebreakers with good results reported.

25/49T15

PA 61/49T28

USSR/Engineering Dec 48
Ship Construction
Welding

"Certain Construction Features of Welded Ships," N. Barabanov, Engr, Ship Constr, 5½ pp

"Morskoy Flot" No 12

Author describes stimulating effect of World War II on welded ship construction to save steel and develop more production techniques. Gives advantages and disadvantages of welded ships. Pays particular attention to cracks in welded ships and analysis of their possible origin (whether caused by stresses

[redacted] 61/49T28

USSR/Engineering (Contd) Dec 48

set up around welded joints, etc.). Discusses possibility of decreasing thickness of outer shell.

BARABANOV, N.

[redacted] 61/49T28

1. BARABANOV, N.

2. USSR (600)

4. Shipbuilding

7. Reinforcement of right-angeled openings in the deck. Mor. flot. 13, No. 2, 1953.

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

BARABANOV, N. V.

USSR/ Electronics - Telephone communications

Card 1/1 Pub. 133 - 11/18

Authors : Morozov, A. P.; Chistyakov, V. M.; and Barabanov, N. V., Engineers

Title : Experiences with the (BUS-12) auxiliary amplifier station

Periodical : Vest. svyazi 2, 20 -22, Feb 1955

Abstract : The experiences gained during the exploitation of the auxiliary amplifier station BUS-12 are described. The BUS-12 was considered a modern device with excellent technical-tactical characteristics. The circuit diagram and mode of operation of the BUS-12 are described. Diagrams.

Institution: ..... Leningrad Interurban Telephone Office

Submitted: .....

Translation M-1348, 11 Dec 56
and 519821-

BARABANOV, N., kandidat tekhnicheskikh nauk.

Some structural elements of a welded ship hull. Mor.flot 17 no.5:22 My '57. (MLRA 10:7)

1. Dal'nevostochnyy politekhnicheskiy institut.
(Hulls (Naval architecture))

BARABANOV, N.V., kand. tekhn. nauk

Damage done to the welded tanker "Chersones" and its repair.
Sudostroenie 24 no.11:20-22 N '58. (MIRA 12:1)
(Tank vessels--Maintenance and repair)

BARABANOV N.V

AUTHOR: Sheratyuk, V.N., Engineer SOV-135-58-11-17/21

TITLE: A Welding Conference of Pacific Coast Plants (Konferentsiya po svarke predpriyatiy Tikhookeanskogo basseyna)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 11, p 39 (USSR)

ABSTRACT: A welding conference of the Pacific coast plants convened at Vladivostok by the Scientific Technical Section of Water Transports. The following reports were delivered: Engineer V.N. Sherstyuk on "Further Development of Welding Practice in Far-East Plants"; Dotsent, Candidate of Technical Sciences M.S. Kulikov on the repair welding of crankshafts; Dotsent, Candidate of Technical Sciences, N.V. Barabanov on a rational design of welded ship hulls; Engineer S.N. Agranomov on the use of the latest methods in semi-automatic and automatic welding processes; Alekseyev, Gubskiy, Yung, Mallopuro, Tsirkul'nikov, Kagner and other plant workers made various valuable suggestions on the further development of the welding process in Far-East plants. The Conference decided to

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establish a welding laboratory on the Pacific coast, and resolved to take various measures to improve welding practice in this region.

1. Welding—USSR

Card 2/2

[V.]

BARABANOV, N., dots.

Reinforced construction for welded ships. Mor. flot 18 no.8: 19-20 Ag '58. (MIRA 11:9)

1. Dal'nevostochnyy politekhnicheskiy institut im. V.V. Kuybysheva. (Ships--Welding)

BARABANOV, N.V., kand. tekhn. nauk.

Structural defects in welded lumber carriers built in Finland. Sudostroenie 24 no.2:12-15 F '58. (MIRA 11:3)
(Finland--Shipbuilding) (Ships--Welding)

BARABANOV, N.V., kand. tekhn. nauk; EYDEL'KIND, L.Sh., inzh.

Improving the repair of ship hulls. Sudostroenie 25 no.7:40-43 Jl '59. (MIRA 12:12)

(Ships--Maintenance and repair)

BARABANOV, Nikolay Vasil'yevich; BELKIN, V.P., prof., doktor tekhn. nauk, retsenzent; TKACHEVA, P.Ye., dots., kand. tekhn. nauk, retsenzent; KAZAROV, Yu.S., red.; KAMOLOVA, V.M., tekhn. red.

[Design of ship hulls] Konstruktsiia korpusa morskikh sudov. Pod red. V.P.Belkina, Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1961. 467 p. (MIRA 15:2)
(Hulls (Naval architecture))

S/229/62/000/007/001/001
I060/I260

AUTHOR: ~~Barabanov, N.V.~~, Candidate of Technical Sciences, Borisov, E.K., Engineer, and Lavrenkov, L.V., Engineer

TITLE: Influence of ulcerous corrosion on tensile strength of steel

PERIODICAL: Sudostroyeniye, no. 6, 1962, 47-49

TEXT: The purpose of this work was to test steel which suffered ulcerous corrosion (corrosion of submerged parts) on tensile strength. The experiments were conducted on 36 samples of steel cut out from the hull of a ship operating for 26 years. The conclusions reached were: 1. When calculating strength of steel corroded by ulcerous corrosion, it is necessary to take into account the mean remaining width of metal. 2. Presence of ulcerous corrosion does not affect either the yield point σ_T or the yield strength σ_B. 3. As a result of ulcerous corrosion the plasticity of steel decreases by 15-20%.

Card 1/1

BARABANOV, N.V., kand.tekhn.nauk; BORISOV, Ye.K., inzh.

Considerations on the construction of bulwarks. Sudostroenie 28 no.6:4-10 Je '62. (MIRA 15:6)
(Hulls (Naval architecture))

BARABANOV, N.V., kand.tekhn.nauk; BORISOV, Ye.K., inzh.; LAVRENKOV, L.V., inzh.

Effect of pitting corrosion on the tensile strength of steel. Sudostroenie 28 no.7:47-49 Jl '62. (MIRA 15:8)
(Hulls (Naval architecture)—Corrosion)

BARABANOV, N.V., kand. tekhn. nauk; PETRISHCHEV, K.F., inzh.

Deformation of intercostal girders. Sudostroenie 30 no.10:31-32 O '64. (MIRA 17:12)

BARABANOV, P.I., inzhener (Krasnodar); GILEVICH, I.I., inzhener (Krasnodar).

Build open oil pumpin stations. Stroi.pred.neft.prom.2 no.10:25-29 O '57. (MIRA 10:10)

(Oil well pumps)

BARABANOV, S.R.

5(2),(3) PHASE I BOOK EXPLOITATION SOV/2554

Akademiya nauk SSR. Otdeleniye khimicheskikh nauk. Komissiya po khromatografii

Issledovaniya v oblasti ionoobmennoy, raspredelitel'noy i osadochnoy khromatografii (Studies in the Field of Ion Exchange, Distribution and Precipitation Chromatography) Moscow, Izd-vo AN SSSR, 1959. 150 p. Errata slip inserted. 3,500 copies printed.

Ed. of Publishing House: N.G. Yegorov; Tech. Ed.: I.N. Ouseva; Editorial Board: K.V. Chmutov, Corresponding Member, USSR Academy of Sciences (Resp. Ed.); F.M. Shemyakin, Professor; K.M. Ol'shanova, Professor; K.M. Saldadze, Docent, and N.N. Tunitskiy, Professor.

PURPOSE: This book is intended for chemists and chemical engineers.

COVERAGE: The book discusses studies in ion-exchange, distribution, and precipitation chromatography. Various problems of the theory of chromatography and its application are also considered. This is the 4th collection of articles published by the Committee on Chromatography. The first collection was published in 1952 under the title: "Issledovaniya v oblasti khromatografii" (Studies in the Field of Chromatography); the second was published in 1955 under the title "Teoriya i praktika primeneniya ionoobmennykh materialov" (Theory and Practice of the Use of Ion-exchange Materials); and the third was published in 1957 under the title "Issledovaniya v oblasti ionoobmennoy khromatografii" (Studies in the Field of Ion-exchange Chromatography). No personalities are mentioned. References are given after most of the articles.

Davydov, A.T. and O.M. Lisovina. Study of the Sorption Value and the Exchange Energy of Cations on Wofatite With Relation to Temperature 21

Rachinskiy, V.V. Theory of the Stationary Front of Dynamic Sorption 24

Saldadze, K.M., and Ye. N. Fedotova. Effect of the Ionite Structure on the Ion Exchange Process 39

Saldadze, K.M., and Ye. A. Shaynina. Kinetics of Cation Exchange Processes on Carboxylic Cationites 48

Suyt, L.R., and F.M. Shemyakin. Purification of Salts With the Aid of an Ion-exchange Counterflow Installation 55

Fedoseyeva, O.P., N.N. Tunitskiy, and Ye. P. Chernaya. Study of the Kinetics of Complete Cation Exchange on Sulfonated Resins 63

Chernaya, Ye. P., A. B. Pashkov, S.R. Barabanov, and N.N. Tunitskiy. Change in the Selectivity of Strongly Acidic Monofunctional Cationites in Relation to the Concentration of Sulfo Groups and Interchain Bonds in Cationites 70

Fedoseyeva, O.P., Ye. P. Chernaya, and N.N. Tunitskiy. Study of the Diffusion of Ions Through a Cationite Membrane 76

Shemyakin, F.M. Organic Reagents Used in Adsorption and Distribution Chromatography, Their Classification, and Trends of Investigation 80

Mitselovskiy, K.S., and F.M. Shemyakin. Some New Phenomena Which Accompany the Process of Electromigration of Organic Substances 90

Polyanskiy, N.G. Study of Thermal Desulfonation of Sulfophenolformaldehyde Resin KU-1 95

Koprlova, V.D., and K.M. Ol'shanova. Precipitation Chromatography 105

Koprlova, V.D., and K.M. Ol'shanova. Secondary Phenomena in Precipitation Chromatography 113

Ol'shanova, K.M., and M.M. Morozova. Determination of Calcium by the Precipitation Chromatography Method With the Indicator Murexide 124

Ol'shanova, K.M., and Z.A. Koloskova. Ion-exchange Paper Chromatography in Qualitative Analysis 128

Grigor'yeva, N.V. Chromatographic Method of Qualitative Analysis for Fur Dyestuffs 134

Saldadze, K.M., K.M. Ol'shanova, and I.I. Ivanova. Sorption of Mineral Acids and of Their Salts on Cationites 138

Gorbacheva, N.A., and K.M. Saldadze. Absorption of Complex Zinc Anions on Anionites With Different Basicity 143

76-32-6-40/46

AUTHORS: Cherneva, Ye.P., Pashkov, A.B., Barabanov, S.R., Tunitskiy, N.N.

TITLE: The Effect of the Capacity of Sulphostyrene Cations on the Ion-Exchange Equilibrium (O vliyanii yemkosti sul'fostirol'nykh kationov na ionoobmennoye ravnovesiye)

PERIODICAL: Zhurnal fizicheskoy khimii, 1958, Vol. 32, Nr 6, pp. 1423-1424 (USSR)

ABSTRACT: The problem of the influence of the capacity of the ionites on their selectivity is insufficiently investigated as, e. g. the assumption of the paper by Bauman (Ref 1) was not verified, and in the experiments conducted by Boyd (Ref 3) besides the structural change also a chemical change of the composition of the cationites may have taken place. In order to avoid the disadvantages of the desulphurization method in the investigation of the selectivity the authors synthetized highly acidous sulphostyrene cationites of a different content of sulfo groups and interchain-bonds according to the method of direct sulphurization. The equilibria Na-H, Rb-H-and Ca-H were investigated with 0,1 n solutions and samples having been used; the selectivity of the exchange was

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The Effect of the Capacity of Sulphostyrene Cations on SOV/76-32-6-40/46
the Ion-Exchange Equilibrium

determined according to an equation. From the mentioned data of the experiments may be seen that the assumption can be made that the selectivity of Rb and Na in resins of small capacity is smaller than in those of high capacity. The experiments carried out with the equilibrium Ca-H also showed that with the increase of the capacity of the resin also the selectivity increases. The individual values as well as the corresponding resin compositions are given. There are 4 references, 1 of which is Soviet.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova, Moskva (Institute of Physics and Chemistry imeni L.Ya. Karpov, Moscow)

SUBMITTED: October 9, 1957

1. Gases--Condensation 2. Gases--Decomposition 3. Mathematics

Card 2/2

S/076/61/035/001/012/022
B004/B060

AUTHORS: Cherneva, Ye. P., Barabanov, S. R., Bryukhanov, V. A., Pashkov, A. B., and Tunitskiy, N. N. (Moscow)

TITLE: Change in the selectivity of monofunctional sulfonated cation exchangers as a function of the concentration of initial electrolyte solutions and the charges of exchanging ions

PERIODICAL: Zhurnal fizicheskoy khimii, v. 35, no. 1, 1961, 189-191

TEXT: The authors wanted to study the selectivity of the sulfonated cation exchanger of the type КУ-2 (KU-2). The exchanger was obtained by copolymerization of styrene with divinyl benzene and the subsequent sulfonation by means of chloro sulfonic acid. In H form, this resin is a polyacid, while in salt form it is a polyelectrolyte, whose anions are strongly bound to the resin, and whose cations are mobile. The following aspects were investigated through a study of the equilibrium of ion exchange: a) the dependence of selectivity on the exchanger capacity; b) the dependence of selectivity on the cross linking; c) on the initial

Card 1/3

concentration of the electrolytes, d) on the valence of exchanging ions. The weighed-in portion of dried resin was shaken for 35-40 hours at room temperature with an exactly known volume of an electrolyte solution of a known concentration, and the concentration of the components in the solution was then determined. A resin with equal cross linking (7%), but different capacity (0.18 mg-equiv/l and 4.63 mg-equiv/l) was taken for the RH^+ - Ca^{2+} system. The coefficient of selectivity was calculated by B. P. Nikol'skiy's equation:

$K = (N_{Ca}^{1/2}/n_{Ca}^{1/2})(n_H/N_H)$. N, n are the equivalent portions of cations in resin and in solution, respectively. The following results were obtained for resin with the capacity 0.18 mg-equiv/l: for 0.895 N $CaCl_2$ $K = 0.35 \pm 0.1$; for 1.90 N $CaCl_2$ $K = 0.12 \pm 0.03$. For resin with a capacity 4.63 mg-equiv/l, K amounted to 8.99 ± 0.82 for the first mentioned concentration of $CaCl_2$, and 4.75 ± 0.07 for the second concentration. Resin, cross-linked with 7% and resin with 24% divinyl benzene displayed no change of selectivity in the RH^+ - Na^+ system. Resin with 7% cross linking displayed

S/076/61/035/001/012/022
B004/B060

Change in the selectivity of ...

on a rising concentration of the external solution a reduced selectivity in the $RH^+ - Na^+$ and $RH^+ - La^{3+}$ systems. With constant specific loading, capacity, and cross linking, selectivity increased with the valence of the ion charge. There are 1 figure, 2 tables, and 11 references: 3 Soviet-bloc and 7 non-Soviet-bloc.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-chemical Institute imeni L. Ya. Karpov)

SUBMITTED: May 13, 1959

Card 3/3

BARABANOV, V., inzh.; ANTYSHEV, A., inzh.

Restoration of ferroaluminum bushings by plastic coating. Tekh.v sel'khoz. 19 no.5:31-34 My '59. (MIRA 12:7)

1. Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (for Barabanov). 2. Arbazhskaya remontno-tekhnicheskaya stantsiya, Kirovskoy oblasti (for Antyshev).
(Bearings(Machinery)) (Plastic spraying)

BARABANOV, V., inzh.; MANUKOV, N., inzh.

Repair and maintenance of storage batteries. Tekh.v sel'khoz. 21 no.8:75-79 Ag '61. (MIRA 14:7)
(Storage batteries)

BARABANOV, V., podpolkovnik, kand. voyennykh nauk; ROMASEVICH, V., inzh.-podpolkovnik, kand. tekhn. nauk

Maximum speed at group interception. Av. i Kosm. 47 no.1: 33-36 Ja '65 (MIRA 18:1)

BARABANOV, V. A.

CA

13

Artificial leather. D. I. Grafov and V. A. Barabanov. Russ. 57,121, May 31, 1940. A mixt. of synthetic rubber contg. at least 35% softeners and 00% (on the wt. of the rubber) of fibrous and friable fillers is applied to a fabric, passed through hot rolls, vulcanized and treated in the usual manner.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BARABANOV, V.A.

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.; BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV, N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.; GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT, Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.; GORBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.F., kand. s.-kh. nauk; GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO, Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK, A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.; KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.; KOSENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.; KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.; LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO, K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk; MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.; OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN, G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMEZOV, N.P.; ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.; RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.; SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY, Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA, Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.; TSISHEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN, N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA, I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SKIY,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIROSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBREZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.R., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; RUSSO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.
Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N., tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn. red.

[Volga-Don; technical account of the construction of the V.I. Lenin Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center, and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk. Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of construction. Specialized operations in hydraulic engineering] Organizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 4.

Glav. red. S.IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p. (MIRA 11:9)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

(Volga Don Canal--Hydraulic engineering)

L 21004-65
ACCESSION NR: AP5003826 S/0102/64/000/001/0061/0061

AUTHOR: Barabanov, V. A. (Kiev); Shydlovs'kyy, A. K. (Kiev)

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[illegible]

Card 1/2