POPOV, V., polkovnik meditsinskoy sluzhby; PIKOVSKIY, A., gvardii podpol-
kovnik meditsinskoy sluzhby

Overcoming optical illusions. Vest. Vozd. Fl. no.11:70-72 N
'61. (MIRA 15:2)
(Optical illusions) (Airplanes--Piloting)

POPOV, V.

Great Donets Basin. Nauka i zhyttia 13 no.10:16-21 N '63.
(MIRA 16:12)

1. Glavnyy geolog Glavnogo upravleniya geologii i okhrany nedr pri Sovete Ministrov UkrSSR.

POPOV V.

(13)

(104)

Zhivotnovodstvo, Sofia, Vol 13, No 3, 1952

1. V. [illegible] (Deputy Minister -Zam-ministor) (Ministry of Agriculture -Ministerstvo na zemedelieto): Highly Productive Meadows and Pastures Mean Improved Feed for Our Animals, pp 1-4.

2. Boris [illegible] (Prof): Effect of Composition of Pasture on Constitution of Animals Feeding Thereon, pp 5-8.

3. Dimitr KAYDAMIEV: One of Our Reserves (Pasture from Park, Tr.) Is Mobilized, pp 9-10.

4. Zhivko [illegible] (Junior Scientific Associate, CNIISS -abbr. not identified-) and Dimitrina [illegible] (Pasture Agronomist, District People's Council -Okrozhen narodeń sovet- in Pleven): Efficient Use of Natural Pastures, pp 11-14.

5. Boris PETROV: Increase in Motivation is our Primary Task, pp 15-19.

6. Krum GERGOV and Petor [illegible]: Causes of Non-Infectious Gastro-Intestinal Disturbances in Pigs and Means of Preventing Their Occurrence, pp 20-24.

7. Dimitr [illegible] (Senior Research Associate, CNIIZh -abbr. not identified- City of Kostinbrod): Effect of Feeds Varying in Vitamin A and Carotene Concentration on Milk, pp 25-26.

8. Lyubomir [illegible]: The Fishing Industry in the City of Smolyan, pp 27-29.

9. Vladimir POPOV (Senior Research Associate, CNIIZh Kostinbrod) and Velko VELKOV (Head, Department of Horse Economy, Ministry of Agriculture): Purebred Horses in Our Horse-Breeding Establishments, pp 30-33.

10. Dimitr AVRAMOV, (Dr, Head of Veterinary Health Inspection in Plovdiv): Implementing Hygiene in the Milking Farm in the Parushchina village, pp 34-36.

11. Cvyatko VASILEV (Director NIIZh -not ident.- Kolarovgrad): Swine Farming in Czechoslovakia, pp 37-42.

(continued)

POPOV, V., nauchnyy sotrudnik

An engineer's resourcefulness. Na stroi. Ros. no.7:10 Jl '61.
(MIRA 14:8)

1. Rostovskiy nauchno-issledovatel'skiy institut po stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR.
(Rostov-on-Don--Soil compaction)

POPOV, V.

Be as good as the best. Zhil.-kom. khoz. 11 no.8:7 Ag '61.
(MIRA 14:9)

1. Nachal'nik tramvayno-trolleybusnogo upravleniya, Leningrad.
(Leningrad--Municipal services)

MINAYEV, N., master; KALININ, V., naladchik; POPOV, V., naladchik

From goal to goal. Sov. profsoiuzy 16 no.22:7-10 N '60.
(MIRA 14:1)

1. Rukovoditel' brigady kommunisticheskogo truda avtomaticheskoy linii zavoda "Krasnyy proletariy" (for Minayev). 2. Chleny brigady kommunisticheskogo truda avtomaticheskoy linii zavoda "Krasnyy proletariy" (for Kalinin, Popov).
(Moscow--Machine-tool industry)
(Socialist competition)

POPOV, V.

Suggestions for greater efficiency introduced at the Voronezh Feed Mill. Muk.-elev. prom. 27 no.7:18 Jl '61. (MIRA 14:7)

1. Glavnyy inzh. Voronezhskogo kombikormovogo zavoda.
(Voronezh--Feed mills)

32229
S/196/61/000/011/008/042
E194/E155

24.7700 (1043, 1145, 1153)

AUTHOR: Popov, V.

TITLE: The electrical conductivity of mica in strong electric fields

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.11, 1961, 6, abstract 11B 29. (Dokl. Bolg. AN, v.13, no.4, 1960, 387-390). (summary in German)

TEXT: According to the theory of A.I. Gubanov the specific conductivity σ of dielectrics in strong electric fields follows Pauli's law so long as the field is below a certain value of E_1; and in stronger fields the relationship between σ and the field intensity E follows Ya.I. Frenkel's law. The results of investigations of σ of Muscovite mica in the temperature range 100-300 °C are in qualitative agreement with Gubanov's theory. With field intensities of from 10^5 to $(5.0\text{-}8.2) \times 10^6$ V/cm, σ measured by the remanent current increases with E according to Pauli's law; the relationship between $\log_e \varepsilon$ and E is linear. In stronger fields $\log_e \varepsilon$ increases linearly with increase in $\sqrt{E}$, i.e. Frenkel's law is followed.

Card 1/2

POPOV, V.

Urorosein reaction in the urine of cattle. Ukr. biokhim. zhur. 32 no.5:684-691 '60. (MIRA 14:1)

1. Vysshiy veterinarnyy institut, Sofiya, Bolgariya.
(UROROSEIN) (CATTLE--PHYSIOLOGY)

POPOV, V. (Novocherkassk)

Public inspector Andrei Kirsanov. Za rul. 18 no.10:23 O '60.
(MIRA 14:1)

(Traffic safety)

POPOV, V.

Results of extra-articular arthrodesis of the spine in children with tuberculos spondylitis. Khirurgiia, Sofia 13 no.7/8:666-675 '60.

1. Detski sanatorium za kostno-stavna tuberkuloza, Kotel.
(TUBERCULOSIS SPINAL in inf. & child.)

POPOV, V.

Antibiotics section of the Voronezh Feed Mill. Muk.-elev. prom. 26 no.9:18-19 S '60. (MIRA 13:9)

1. Galvnyy inzhener Voronezhskogo kombikormovgog zavoda.
(Voronezh --Feed mills) (Antibiotics)

POPOV, V.

"International standardization of welding."

p. 33 (Ratsionalizatsiia, Vol. 7, no. 12, Dec. 1957, Sofiia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

POPOV, V.

"Rebuilding indicators for high voltage."

p. 40 (Tekhka Promishlenost, Vol. 7, no. 2, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9, September 1958

POPOV, V.

"Problems in the new plant for refractory materials and the need of introducing the semidry method of work.

p. 18 (Stroitelstvo, Vol. 4, no. 10, 1957, Sofiia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

POPOV, V.

Intensively, with enthusiasm. Okhr.truda i sots.strakh. no.5:48 My '59. (MIRA 12:9)

1. Doverennyy vrach Chelyabinskogo oblastnogo soveta profsoyuzov.
(Chelyabinsk--Insurance, Social--Employees)

[redacted], V.; [redacted], V.

Experiment in the organization of labor requirements in production in the Svetogorsk Woodpulp and Paper Combine. Trudy LIITsBP no.15:150-[redacted] '[redacted]. (MIRA 18:8)

POPOV, V.

"The strength of steel in raised and lowered temperature."

p.36 (Ratsionalizatsiia, Vol. 7, no. 3, Mar. 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

Popov, V.

TECHNOLOGY

Periodical STUDII SI CERCETARI DE ENERGETICA Vol. 8; No. 3, 1958

Popov, V. Evaluation of the solutions of some nonautonomous systems of differential equations intervening in problems of automatic control; criteria for the limitation of solutions. p. 405.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 3
~~May~~ March 1959, Unclass.

POPOV, V.

Transition between two fields of conductivity in the mica with high electric ranges. p. 235.

GODISHNIK. MATEMATIKA I FIZIKA. Sofiia, Bulgaria, Vol. 50, No. 1 1955/56 (Published 1957)

Monthly List of East Accession (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl.

POPOV, V.

Evaluating the solutions of nonautonomous systems of differential equations that occur in problems concerning automatic control and criteria for the boundness of their solutions. In English. p.259.

REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. JOURNAL OF ELECTROTECHNICS AND ENERGETICS. (Academia Republicii Populare Romine. Institutul de Energetica)
Bucuresti, Rumania
Vol. 3, no. 2, 1958.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11
November 1959
Uncl.

AZOS, S.; ARKF'YEV, A.; ARTAMONOV, I.; BABINA, I.; BEREGOVSKIY, V.; BLOZHKO, V.; BRAVERMAN, A.; BYKHOVSKIY, Yu.; VINOGRADOVA, M.; GALANKINA, Ye.; GIL'DENGERSH, F.; GLOBA, T.; GREYVER, N.; GORDON, G.; GUL'DIN, I.; GULYAYEVA, Ye.; GUSHCHINA, I.; DAVYDOVSKAYA, Ye.; DAMSKAYA, G.; DERKACHEV, D.; YEVDOKIMOVA, A.; YEGUNOV, V.; ZABELYSHINSKIY, I.; ZAYDENBERG, B.; AZMOSHNIKOV, I.; ITKINA, S.; KARCHEVSKIY, V.; KLUSHIN, D.; KUVINOV, Ye.; KUZNETSOVA, G.; KURSHAKOV, I.; LAKERNIK, M.; LEYZEROVICH, G.; LISOVSKIY, D.; LOSKUTOV, F.; MALEVSKIY, Yu.; MASLYANITSKIY, I.; MAYANTS, A.; MILLER, L.; MITROFANOV, S.; MIKHAYLOV, A.; MYAKINENKOV, I.; NIKITINA, I.; NOVIN, R.; OGNEV, D.; OL'KHOV, N.; OSIPOVA, T.; OSTRONOV, M.; PAKHOMOVA, G.; PETKER, S.; PLAKSIN, I.; PLETNEVA, N.; POPOV, V.; PRESS, Yu.; PROKOF'YEVA, Ye.; PUCHKOV, S.; REZKOVA, F.; RUMYANTSEV, M.; SAKHAROV, I.; SOBOL', S.; SPIVAKOV, Ya.; STRIGIN, I.; SPIRIDONOVA, V.; TIMKO, Ya.; TITOV, S.; TROITSKIY, A.; TOLOKONNIKOV, K.; TROFIMOVA, A.; FEDOROV, V.; CHIZHIKOV, D.; SHEYN, Ya.; YUKHTANOV, D.

Roman Lazarevich Veller; an obituary. TSvet. met. 31 no.5:78-79 My '58. (MIRA 11:6)
(Veller, Roman Lazarevich, 1897-1958)

A-15

COUNTRY : Bulgaria
CATEGORY :

ABS. JOUR. : RZKhim., no. 22 1959, No. 79250

AUTHOR : Popov, V.
INST. : Not given
TITLE : Possibilities for the Production of Alumina Refractories in Bulgaria

ORIG. PUB. : Tezhka Promishlenost, 8, No 5, 40-41 (1959)

ABSTRACT : No abstract.

CARD: 1/1

Card 1/1

POPOV, V., inzh.

Rectangular plate-type filters. Mias. ind. SSSR 29 no.5:50 '58. (MIRA 11:10)

1. Stavropol'skiy myasokonservnyy trest.
(Filters and filtration)

POPOV, V., kand. tekhn. nauk; YEVSIKOV, A., kand. tekhn. nauk.

The gluing of parts. Tankist no.5:39-40 My '58. (MIRA 11:6)
(Clutches (Machinery))
(Brakes)

BASOV, I.; POPOV, V., doktor sel'skokhozyaystvennykh nauk

Applying chemistry in weed control. Nauka i pered. op v sel'khoz. 8 no.4:34-35 Ap '58. (MIRA 11:5)

1.Chlen kollegii Ministerstva sel'skogo khozyaystva USSR (for Basov).
(Herbicides)

POPOV, V.

Condition and prospective development of the fireproofing industry in Bulgaria.

p. 1 (STROITELSTVO) Vol. 4, no. 8, 1957,
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

PCPOV, V.

Fireproofing industry in the Soviet Union.

P. 43, (Teshka Promishienost) Vol. 6, no. 4, Apr. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

POPOV, V.

Fiftieth anniversary of the Leningrad streetcar lines. Zhil.-kom. khoz. 7 no.11:24-26 '57. (MIRA 10:12)

1. Glavnyy inzhener Tramvayno-trolleybusnogo upravleniya Lengorispolkoma.

(Leningrad--Street railways)

POPOV, V.

"Metal plating."

p. 34 (Ratsionalizatsiia) Vol. 7, no. 7, July 1957
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

POPOV, V.

"The Rock Bridge Near the Village of Liliache, Vratsa Okoliya."

p. 7 (Geografiia, Vol. 8, No. 6, 1958, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11, Nov. 1958

POPOV, V.B., inzh.

Redesign of a dredge pumping system. Energetik no.9:13-14 S '64.
(MIRA 17:10)

POPOV, V.B., inzh. (Sverdlovsk)

Utilization of the firing heat of the boilers of thermal electric power plants. Energetik 13 no.10:9-10 O '65. (MIRA 18:10)

POPOV, V. B.; MISHEV, K. V.

Periodic oscillations of a two-frequency self-generator under heavy conditions of self-excitation. Godishnik mash elekt 12 no. 1:53-58 '62 [publ. '63].

POPOV, V.B., inzh.

Network of prestart acid flushing of a drum boiler. Energ. stroi. no.1: 35-37 '65. (MIRA 18:7)

POPOV, V.B.; ABAKIN, S.V.

Mass vaccination of sheep against brucellosis with dry brucellosis vaccine from strain no. 19. Veterinariia 33 no. 10:33-39 O '56. (MLRA 9:10)

1. Nachal'nik veterinarnogo otdela Stavropol'skogo krayevogo upravleniya sel'skogo khozyaystva (for Popov)
2. Starshiy veterinarnyy vrach Stavropol'skogo krayevogo upravleniya sel'skogo khozyaystva (for Abakin)
(Stavropol Territory--Brucellosis in sheep--Preventive inoculation)

DUBININ, Nikolay Petrovich, kand.tekhn.nauk; ZHEVTUNOV, Petr Prokhorovich, kand.tekhn.nauk; STOROZHEV, Mikhail Vasil'yevich, kand.tekhn.nauk; POPOV, Yevgeniy Aleksandrovich, kand.tekhn.nauk; NAZAROV, Sergey Tikhonovich, kand.tekhn.nauk; GLADILIN, Anatoliy Nikolayevich, kand.tekhn.nauk; KRASAVIN, Vasiliy Stepanovich, kand.tekhn.nauk; PANCHENKO, Konstantin Petrovich, kand.tekhn.nauk; POPOV, Viktor Aleksandrovich, kand.tekhn.nauk; RASTORGUYEV, Ivan Sergeyevich, kand.tekhn.nauk [deceased]; SHEMSHURINA, Ye.A., red.izd-va; UVAROVA, A.F., tekhn.red.; MODEL', B.I., tekhn.red.

[Technology of metals] Tekhnologiia metallov. Pod red. N.P. Dubinina. Izd.3. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 564 p. (MIRA 13:7)

1. Prepodavateli Moskovskogo vysshego tekhnicheskogo uchilishcha imeni N.Ye.Baumana (for all except Shemshurina, Uvarova, Model').
(Metals) (Metalwork)

POPOV, V. D.

PHASE I BOOK EXPLOITATION SOV/6177

Akademiya nauk SSSR. Institut neftekhimicheskogo sinteza

Radioliz uglevodorodov; nekotoryye fiziko-khimicheskiye problemy (Radiolysis of Hydrocarbons; Some Physicochemical Problems) Moscow, Izd-vo AN SSSR, 1962. 207 p. Errata slip inserted. 5000 copies printed.

Resp. Eds.: A. V. Topchiyev, Academician, and L. S. Polak, Doctor of Physics and Mathematics; Ed.: L. T. Bugayenko; Tech Ed.: Ch. A. Zentsel'skaya.

PURPOSE: This book is intended for physical and industrial chemists interested in the properties and behavior of irradiated hydrocarbons.

COVERAGE: The book gives a systematic presentation of the results of research on the radiolysis of hydrocarbons carried out from 1957 through 1961 at the Laboratory of Radiation Chemistry, Institut neftekhimicheskogo sinteza AN SSSR (Institute of Petro-

Card 1/4

POPOV,V.D.; VUKOV, Konstantin [translator]

Calculation of time necessary to boiling and crystallization of pulp. Cukor 11 no.2:46-48 F'58

1. Cukoripari Kutatointezet tudomanyos osztalyvezetoje; "Cukoripar" szerkeszto bizottsagi tagja (for Vukov).

POPOV, V.D.; MIROSHNICHENKO, M.M.

Experience in the use of nappy nylon cloth in the production of asbestos cement products in the United States. Stroi. mat. 9 no.8:40, 3 of cover. Ag'63. (MIRA 17:5)

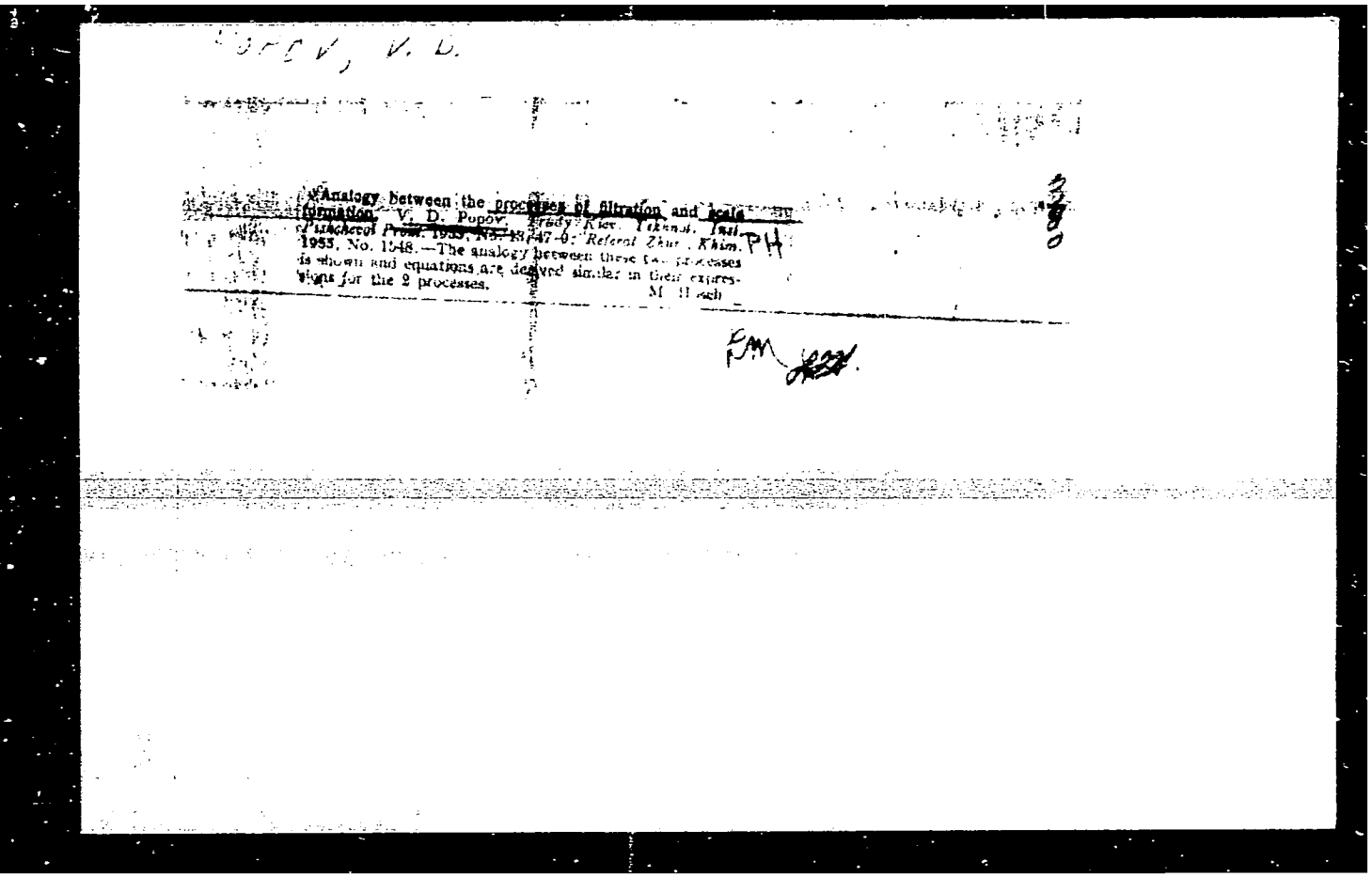
POPOV, V.D.

Entrainment in vacuum pans. Sakharnaya Prom. 26, No.12, 13-14 '52.
(CA 47 no.13:6688 '53) (MLRA 5:11)

1. A.I. Mikoyan Technol. Inst. Food Ind., Kiev.

POPOV, V.D., inzh.; PROKHOROV, B.F., kand.tekhn.nauk; SBOROVSKIY, A.K., kand.tekhn.nauk

Dynamic characteristics of structural plastics. Sudostroenie 30 no.1:36-39 Ja '64. (MIRA 17:3)



POPOV, V. D.

"Analogy between the processes of filtration and scale formation." V. D. Popov. *Trudy Kiev. Tekhnol. Inst. Pishchevoi Prom.* 1955, No. 18, 147-9; *Referat Zhur. Khim.* 1955, No. 1048.—The analogy between these two processes is shown and equations are derived similar in their expressions for the 2 processes.

M. Hirsch

POPOV, V. L.

Heat-exchange diagram for the cooking of fillmass. V. D. Popov. *Trudy Kiev. Tekhnol. Inst. Pishchevoi Prom.* 1953, No. 13, 131-6; *Referat. Zhur., Khim.* 1954, No. 47456.—A working diagram for calcg. the operation of vacuum pans in sugar production and for detg. the heat flow is given. In combination with the existing nomograms and correction functions it permits the detn. of the effect of nonsugars in the fillmass. M. Hoseh

CH

Popov V. D.

Viscometer with an automatic registration of the drop-time of the sphere. R. I. Derazhne, V. D. Popov, and Yu. B. Frenkel. *Zavodskaya Lab.* 21, 731-3(1955).—A viscometer is described for measuring η up to 3000 poises by the drop-time of a sphere falling through the liquid. The time is registered automatically by the passage of the sphere through an elec. coil. Automatic differential viscometer. N. A. Shchurkin. *Zavodskaya Lab.* 21, 734-5(1955).—An automatic differential viscometer is described which is particularly useful for a comparative evaluation of η for a liquid with respect to a standard. J. Rovtar Leach

(3)

YAPASKURT, V.V.; YEPISHIN, A.S.; SHAKIN, A.N.; SILIN, P.M.; ZHIDKOV, A.A.; KHELEMSKIY, M.Z.; SHEMYAKIN, P.N.; NOVIKOV, V.A.; POPOV, V.D.; BENIN, G.S.; NAYDENOV, A.K.; KURBATOVA, V.S.; KARTASHOV, A.K.; YARMOLINSKIY, A.K.; ZIBOROV, D.K.; VAYSMAN, M.L.; ZAMEROVSKIY, V.A.; SVYATENKO, M.M.

IUlii Markovich Zhvirblianskii; obituary. Sakh.prom.29 no.6:48 '55. (Zhvirblianskii, IUlii Markovich, 1894-1955) (MLRA 9:1)

POPOV, V. D. (KTIIP)

"Heat Transfer during Boiling of Crystallising Solutions,"

report presented at the scientific and technical session on Heat Exchange during Change of Aggregate State of Matter, (Comm. on High Steam Conditions, Power Inst, Acad. Sci. USSR, and Inst. of Thermal Engineering, Acad. Sci. Ukr SSR, Kiev, 23-28 Sep 1957.

FEDOROV, P.D.; STABNIKOV, V.N.; GLYBIN, I.P.; BELYAVSKIY, V.V.; BOYCHENKO, N.G.; BUZYKIN, N.A.; GOLOVIN, P.V.; DEMCHUK, A.P.; ZHURA, K.D.; KORCHINSKIY, A.I.; KURILENKO, O.D.; KLIMKO, N.G.; LITVAK, I.M.; MAL'TSEV, P.M.; NIKOLAYCHUK, I.M.; NAUMOV, A.L.; POPOV, V.D.; RED'KO, F.A.; SKOBLO, D.I.; KHRISTENKO, M.M.; TSYGANKOV, P.S.; SHLIPCHENKO, Z.S.; SHVETSOV, P.D.

Gleb Mikhailovich Znamenskii; obituary. Sakh. prom. 31 no.12:68 D '57. (MIRA 11:1)

(Znamenskii, Gleb Mikhailovich, 1901-1957)

POPOV, V.D.

Diagrams of the heat exchanging process in evaporator sections sugar plants. Sakh. prom. 31 no.4:53-58 Ap '57. (MLRA 10:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.
(Heat--Transmission) (Sugar machinery)

POPOV, V.D.; ZHUHA, S.K.

Heat conduction of glucose solutions. Trudy KTIPP no.17: 115-121 '57. (MIRA 13:1)
(Heat--Conduction) (Glucose--Thermal properties)

POPOV, V.D.; CHERNYY, A.M.

Modifications in the viscosity of the mother liquor in the boiling of second product massecuite. Trudy KTIPP no.17:109-113 '57. (MIRA 13:1)

(Sugar manufacture)

POPOV, V.D.;SAGAN', I.I.

Scheme of the thermal processes of a sugar factory employing the continuous method of sugar crystallization without massecuite boiling. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:133-137 '58. (MIRA 11:10)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni A.I.Mikoyana, Kafedra spetsial'nogo oborudovaniya pishchevykh proizvodstv.

(Sugar manufacture)

POPOV, V.D.; KORCHINSKIY, A.I.; SKOBLO, D.I.

Gleb Mikhailovich Znamenskii (1901-1957). Trudy KTIPP no.19:3-7 '58. (MIRA 12:12)

(Znamenskii, Gleb Mikhailovich, 1901-1957)

POPOV, V.D.; ZHURA, S.K.

Thermophysical parameters of glucose solutions. Trudy KTIPP no.19: 15-22 '58. (MIRA 12:12)
(Glucose)

POPOV, V.D.

Industrial calculations of vaccum apparatus. Trudy KTIPP no.19:23-37 '58. (MIRA 12:12)
(Sugar industry--Equipment and supplies) (Evaporating appliances)

POPOV, V.D.; BAZHAL, I.G.

Use of the conductometric method for determining the volume of crystals in massecuite. Izv.vys.ucheb.zav.; pishch.tekh. no.2:136-141 '59. (MIRA 12:8)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Sugar manufacture) (Conductometric analysis)

STABNIKOV, Vsevolod Nikolayevich, prof.; POPOV, Vladimir Dmitriyevich, prof.; RED'KO, Fedor Akimovich, inzh.; ZHIGALOV, S.F., doktor tekhn.nauk, retsenzent, spetsred.; ROMANKOV, P.G., doktor tekhn. nauk, retsenzent; KHMEL'NITSKAYA, A.Z., red.; SOKOLOVA, I.A., tekhn.red.

[Processes and equipment of food industries] Protsessy i apparaty pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1959. 584 p. (MIRA 13:2)

(Food industry--Equipment and supplies)

POPOV, V.D.; GARYAZHA, V.T.; YATSENKO, Ye.A.

Physical parameters of molasses waste. Trudy KTIPP no.22:43-47 '60. (MIRA 14:3)
(Molasses)

GULYY, I.S.; POPOV, V.D.

Outfitting the section of continuous sugar crystallization without the boiling of massecuites. Trudy KTIPP no.22:48-55 '60.
(MIRA 14:3)

(Sugar manufacture)

POPOV, V.D.; BAZHAL, I.G.

Instrument for determining the volume concentration of crystals in massecuite. Izv.vys.ucheb.zav.;pishch.tekh. no.4:154-157 '60.
(MIRA 13:11)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. Kafedra spetsoborudovaniya.
(Sugar manufacture)

POPOV, V.D.; BAZHAL, I.G.

Instrument for determining the optimum saturation coefficient in the cooking of massecuite. Sakh.prom. 34 no.9:14-17 S '60. (MIRA 13:9)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.

(Sugar manufacture)

POPOV, V.D.; KONSTANTINOV, S.M.

Viscosity and specific gravity of molasses waste. Spirt. prom. 26 no.1:27-30 '60. (MIRA 13:6)
(Molasses)

SAGAN', I.I.; POPOV, V.D.

Diagram of the heat exchange process for a counterflow evaporating system. Trudy KTIPP no.24:111-114 '61. (MIRA 15:6)
(Sugar manufacture--Equipment and supplies)

GULYY, I.S.; POPOV, V.D.

Effect of the rate of rotation of the heat exchange surface of crystallizers on the intensity of massecuite cooling. Trudy KTIPP no.24:59-64 '61. (MIRA 15:6)
(Sugar manufacture)

GULYY, I.S.; POPOV, V.D.

Studying the heat exchange in the cooling of massecuite in crystallizers. Trudy KTIPP no.24:44-54 '61. (MIRA 15:6)
(Sugar manufacture) (Heat--Transmission)

POPOV, V.D.; BAZHAL, I.G.

Kinetics of massecuite boiling. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:136-143 '61. (MIRA 14:5)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. Kafedra spetsoborudovaniya.
(Sugar manufacture)

POPOV, V.D.; BAZHAL, I.G.

Relation between heat and mass transfer in the cooking of sugar massecuites. Izv.vys.ucheb.zav.;pishch.tekh. 1:101-105 '61. (MIRA 14:3)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, Kafedra spetsoborudovaniya.
(Sugar manufacture) (Heat--Transmission) (Mass transfer)

POPOV, V.D., doktor tekhn.nauk, prof.; KONSTANTINOV, S.M., inzh.

Generalization on some experimental data on heat transfer during the boiling of some liquids and aqueous solutions. Izv. vys. ucheb. zav.; energ. 5 no.7:70-78 Jl '62. (MIRA 15:7)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. Predstavlena kafedroy teploenergetiki.
(Heat--Transmission)

POPOV, V.D.; KONSTANTINOV, S.M.; DEMCHUK, G.S.

Results of the thermal testing of the evaopration station for vinasse. Trudy KTIPP no.25:9-12 '62. (MIRA 16:5)
(Evaporating appliances—Testing)

SHAPRAN, V.Z.; POPOV, V.D.

Investigating the coefficients of friction of some food products depending upon the sliding speed over various materials. Trudy KTIPP no.25:13-17 '62. (MIRA 16:5)
(Friction) (Proportioning equipment)

TROYNO, V.P.; POPOV, V.D.

Effect of the liquid level and circulation rate on heat exchange in the boiling of massecuite. Trudy KTIPP no.25: 89-98 '62. (MIRA 16:5)
(Vacuum apparatus) (Heat—Transmission) (Sugar manufacture)

GULYY, I.S.; POPOV, V.D.

Relationship between the amount of heat eliminated from the massecuite and massecuite temperature in the process of its cooling in crystallizers. Trudy KTIPP no.25:112-117 '62.

(MIRA 16:5)

(Sugar manufacture) (Vacuum apparatus)

BELOKON', I. A.; POPOV, V. D.

Evaluating the quality of massecuite crystallization. Sakh. prom. 36 no.10:27-29 O '62. (MIRA 15:10)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.

(Sugar—Analysis and testing)
(Crystallization)

POPOV, V. D. (Kiev Institute of Foodstuff Industry)

"State of Investigations of heat exchange during crystallization of viscous substances."

Report presented at the Section on Heat Exchange During Change of Aggregate State, Scientific Session, Council of Acad. Sci. Ukr SSR on High Temperature Physics, Kiev, 2-4 April 1963.

Reported in Teplofizika Vysokikh temperatur, No. 2, Sep-Oct 1963, p. 321, JPRS 24,651. 19 May 1964.

SKRIPKO, I.S.; POPOV, V.D.

Equation for calculating the time of crystallization in a vacuum apparatus. Sakh.prom. 37 no.11:24-28 N '63. (MIRA 16:11)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti im. Mikoyana.

SKRIPKO, I.S.; POPOV, V.D.

Calculation of crystal weight content of massecuite. Sakh. prom. 37 no.4:18-21 Ap '63. (MIRA 16:7)

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti imeni Mikoyana.
(Sugar manufacture)

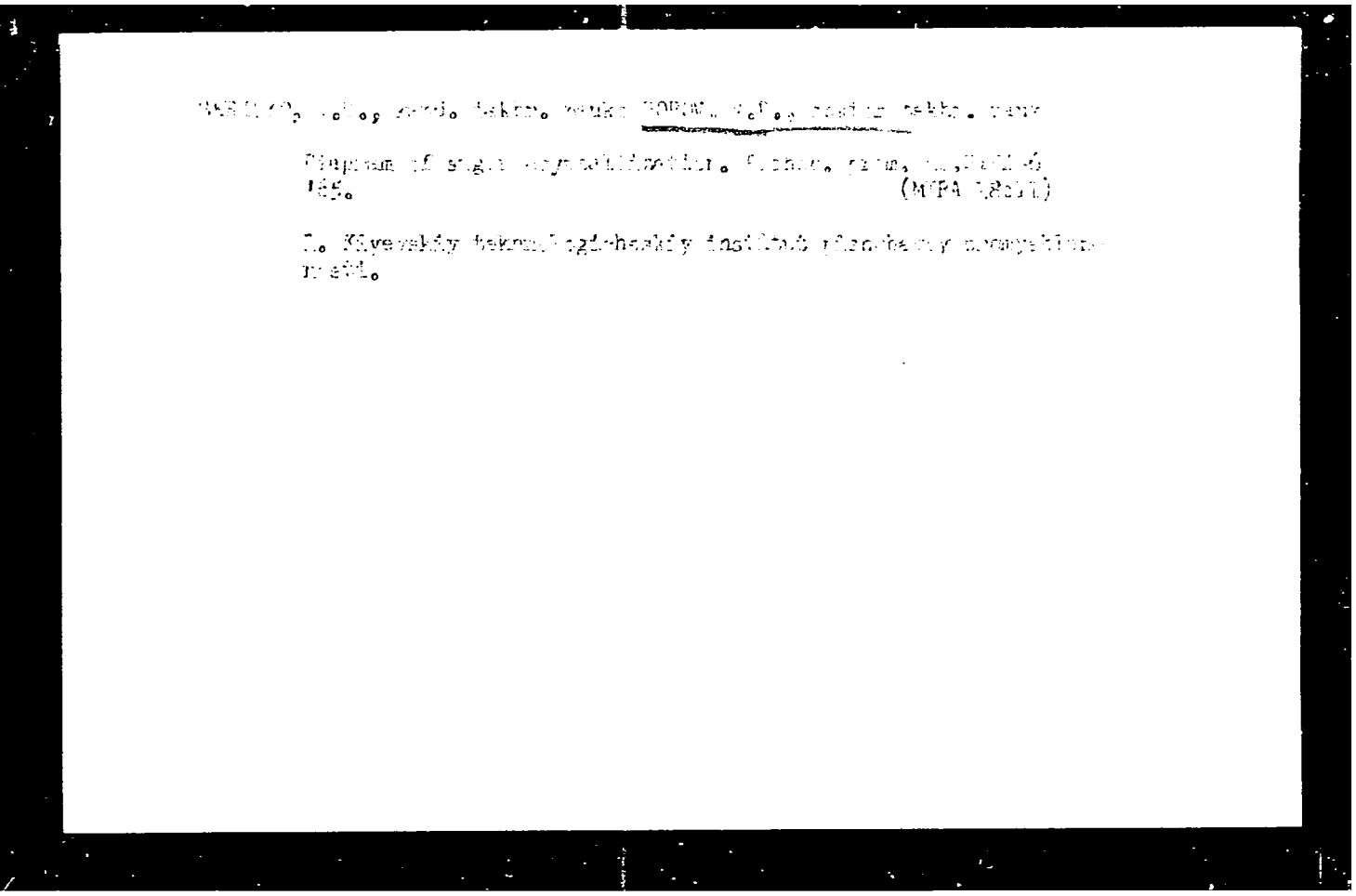
GULYY, I.S.; FOFOV, V.D.

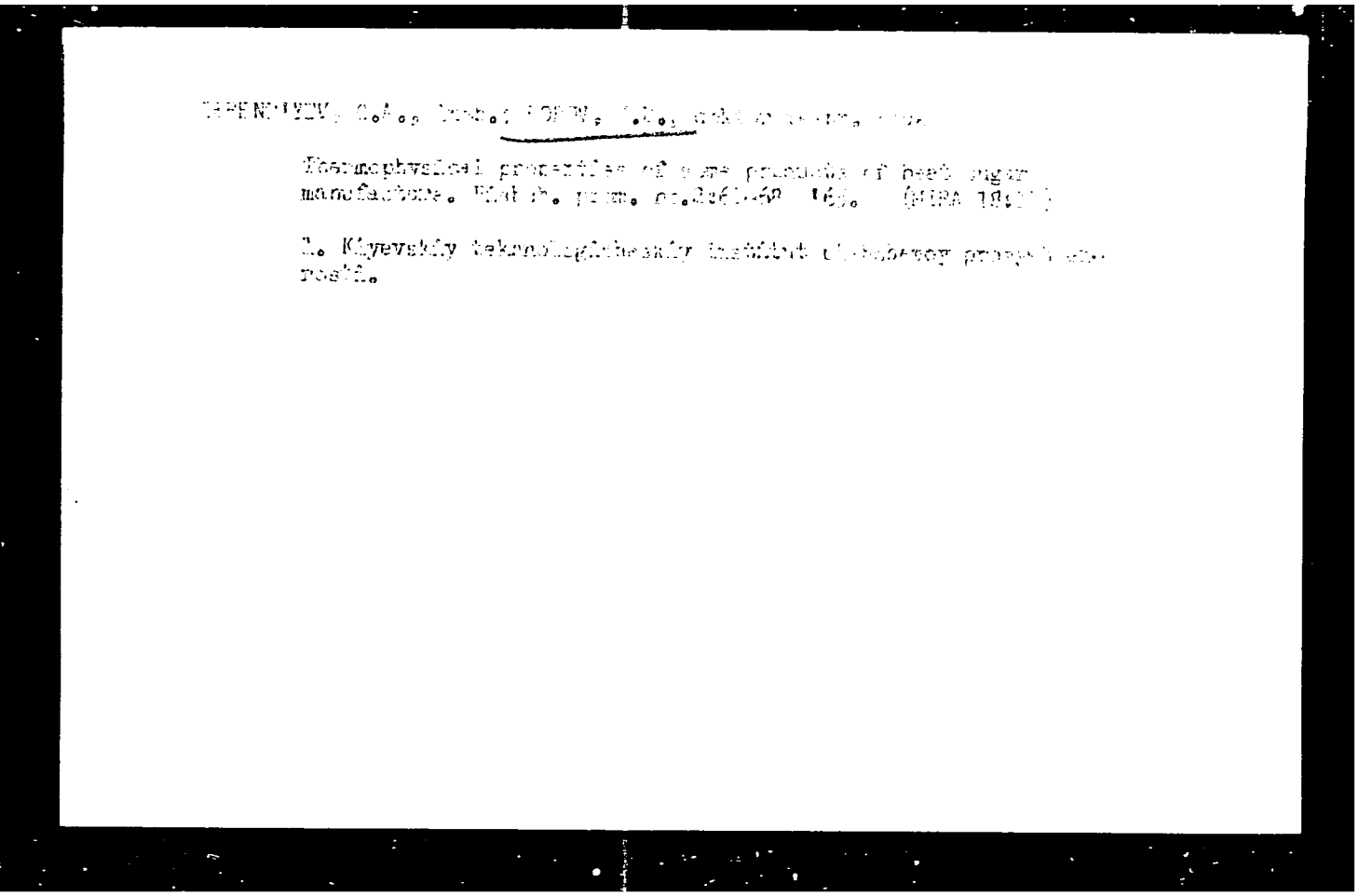
Criterion equation for the thermal design of massecuite crystallizers with cooling. Trudy KTIPP no.27:86-90 '63.
(MIRA 17:5)

POPOV, V. D.

Study of the working processes in the continuous crystallization of sugar. Izv.vys.ucheb.zav.; pishch.tekh.no. 2:122-125 '64. (MIRA 17:5)

1. Kiyevskiy tekhnologicehskiy institut pishchenoy promysh-lennosti.





IROYNO, V.F., kand. tekhn. nauk; POPOV, V.I., doktor tekhn. nauk

Hydrodynamic design of sugar refining vacuum [illegible] periodical and continuous action. Pishch. prom. no. [illegible] '65. (MIRA [illegible])

1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti.

TERENT'YEV, Yu.A., inzh.; POPOV, V.D., doktor tekhn. nauk;
KOT, Yu.D., kand. tekhn. nauk; YASINSKAYA, T.V., inzh.

Rheological properties of sugar massecuite. Pishch. prom.
no.1:38-46 '65. (MIRA 18:11)

L 14219-66 EWT(d)/EWT(m)/EWP(v)/EWP(k)/EWP(h)/EWP(l) DIAAP
ACC NR: AP6005535 SOURCE CODE: UR/0089/66/020/001/0063/0065

AUTHOR: Klimentov, V. B.; Nechiporuk, V. A.; Kopchinskiy, G. A.; Yaroshevich, V. F.; Strutsinskiy, V. A.; Popov, V. D.; Nikonov, A. V.

ORG: none

TITLE: Test stand at the Institute of Physics AN UkrSSR

SOURCE: Atomnaya energiya, v. 20, no. 1, 1966, 63-65

TOPIC TAGS: nuclear engineering, nuclear reactor, reactor fuel element, test stand

ABSTRACT: A test stand for critical assemblies was put into operation at the Institute of Physics AN UkrSSR at the end of 1964. The installation uses assemblies of fuel elements of the VVR-M research reactor; the moderator is ordinary water; the side reflector is made from the beryllium reflectors of the VVR-M reactor. The stand is located in a separate building. The radioactive zone is separated from the control panel by one meter of concrete shielding. The installation is equipped with sensitive monitoring and measuring systems as well as with systems for automatic and remote control. All precautions have been taken to assure reliable nuclear

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ACC NR: AP6005535

safety and automatic control of the critical assemblies. A dc amplifier is connected to a galvanometer for monitoring currents in the ionization chamber down to 10^{-12} amp. Two recording potentiometers and a pulse rate counter are used for monitoring the power level. The instruments give reliable readings below the subcritical power level. Automatic control of the process is possible during operation at a power of more than 0.03 w which corresponds to an average thermal neutron flux of about $0.4 \cdot 10^6$ neutrons/$cm^2 \cdot sec$. The automatic regulator consists of two KNK-56 ionization chambers connected in parallel, a potentiometric power controller with a high impedance input and a steel absorber, an electronic amplifier and an amplidyne. This automatic regulator is extremely convenient for operation with critical assemblies. It may be used for rapid compensation of a chain reaction at "zero" power levels and for calibration of control rods. The unit increases work safety and accuracy of holding a constant power level when detectors are activated. In addition to the steel absorber in the automatic regulator, chain reaction may be controlled by two or three boron remote control rods. An emergency signal automatically brings these rods together with three emergency safety rods into the radioactive zone of the assembly. All control and safety rods are moved by servo drives which are connected to selsyns and position indicators. Operational experience at

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L 14219-66
ACC NR: AP6005535

the Institute of Physics has shown that the test stand is a versatile tool which may be conveniently used for experimental research in physics and nuclear engineering. Orig. art. has: 4 figures. [14]

SUB CODE: 18/ SUBM DATE: 29Jul65/ ATD PRESS: 4195

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L 38196-66 EWT(1) GD

ACC NR: AT6022323 SOURCE CODE: UR/0000/66/000/000/0003/0003

AUTHOR: Berezin, A. S.; Kudryashova, T. S.; Patrikeyev, L. N.; Popov, V. D.

ORG: none

TITLE: Investigation of parametrons designed with new types of nonlinear capacitors

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966 Sektsiya mikroelektroniki. Doklady. Moscow, 1966, 3-9

TOPIC TAGS: parametron, nonlinear capacitor, varactor diode

ABSTRACT: Parametrons designed with varactors and with reverse-gradient capacitors (Soviet-made test specimens) were investigated. Findings: (1) Oscillation rise or fall time does not exceed 10 periods of fundamental frequency (or 20 periods of pumping frequency); (2) The parametron can be excited with $Q_{min} = 2.2$; (3) The parametron can operate at zero bias voltage; (4) The reverse-gradient-capacitor parametron can operate in wide frequency band. The load characteristic of an experimental parametron is shown. Orig. art. has: 6 figures and 8 formulas.

SUB CODE: 09 / SUBM DATE: 05Apr66 / ORIG REF: 004 / ATD PRESS: 5045

Card 1/1

POPOV, V.D., doktor tekhn. nauk; TROYNO, V.P., kand. tekhn. nauk

Hydraulic resistance in the flow of sugar massecuite. Pishch. prom. no.1:122-130 '65. (MIRA 18:11)

KUDRYASHEVA, T.S.; PATRIKEYEV, L.N.; POPOV, V.P.

Study of the parametric effects of RC circuits. Izv. vys. ucheb. zav.; radiotekh. 8 no.2:282-284 Mr-Ap '65.

(MIRA 18:7)

BUDNICHAVA, A.M., [illegible]; [illegible], A.I., inzh.; BOL'SHINSKIY, M.I., inzh.; POPOV, V.D., inzh.

Opening a coal seam with preliminary lowering of the gas pressure in it. Shakht. stroi. 9 no.3:23-24 Mr '65. (MIRA 18:7)

1. SU No.6 tresta Donetskshakhtostroy.

BABARINA, G.V.; GRISHCHENKO, N.V.; PEN'KOV, V.Ya.; SELIVERSTOV, V.P.; POPOV, V.D.

Efficiency of the group-bonus wage system for integrated brigades in stopes. Nauch. trudy KNIUI no.14:427-438 '64.

Ways of improving the overall organization of work in Karaganda Basin stopes. Ibid.:455-464 (MIRA 18:4)

KOSTENYUK, A.M.; POPOV, V.D.

Ionic protector for preventing the contamination of high-voltage insulators of electrostatic precipitators. Energ. i elektrotekh. prom. no.4:62-64 Oct-Dec '63. (MIRA 17:10)

[illegible]OV, V.[illegible], kand.ekonom.nauk

Asbestos reinforced plastics. Stroi.mat. 10 no.4:[illegible] Ap '64. (MIRA [illegible])

PERKUL',M.M.,inzh.; PORSHNEV, V.M., inzh.; POPOV, V.E., inzh.

Mining and ore-dressing combines for the extraction of coking coal. Izv. vys. ucheb. zav.; gor. zhur. 6 no.9:63-67 '63. (MIRA 17:1)

1. Kemerovskiy gornyy institut. Rekomendovana kafedroy ekonomiki i organizatsii proizvodstva.

Opyt bor'by za snizheniye sebestoimosti uglya na shakhtakh kuzbassa
(Experience of the struggle for lowering costs of coal in the Kuznetz Basin)
Moskva, Ugletekhizdat, 1955.
60, (3) p. tables.
Bibliography: p. (62)

POPOV, VITALIY ERASTOVICH
Ekonomika Ugol'noy Promyshlennosti Sibiri. Moskva, Gosgortekhizdat, 1960.
210 p. Tables.
Bibliography: p. 209

POPOV, Vitaliy Erastovich; NAYMANOV, B.S., otv.red.; GOLUBYATNIKOVA, G.S., red.izd-va; IL'INSKAYA, G.M., tekhn.red.

[Economics of the Siberian coal industry] Ekonomika ugol'noi promyshlennosti Sibiri. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 210 p. (MIRA 14:2)
(Siberia--Coal mines and mining)

POPOV, Vitaliy Erastovich

Chernaya Metallurgiya Sibiri (by) V.E. Popov (1) I.S. Shapiro. Moskva, Izd-Vo Akademii Nauk SSSR, 1960.
117 (1) p. Tables.
At head of title: Akademiya Nauk SSSR.
Bibliography: P. 117-(118)

POPOV, V.E.

Role of V.I.Lenin in the development of production forces of Siberia. Geol. i geofiz. no.4:3-7 '60. (MIRA 13:9)
(Mineral industries) (Lenin, Vladimir Il'ich, 1870-1924)

POPOV, Vitaliy Erastovich; ZVYAGINTSEVA, Klavdiya Mikhaylovna; KUNDIN, M.B., otvetstvennyy redaktor; SUROVA, V.A., redaktor izdatel'stva; ALADOVA, ...I., tekhnicheskiy redaktor

[Ways of increasing labor productivity in mines of the Kuznetsk Basin] Puti povysheniia proizvoditel'nosti truda na shakhtakh Kuzbassa. Moskva, Ugletekhizdat, 1956. 69 p. (MLRA 10:1)
(Kuznetsk Basin--Coal mines and mining)

Popov, V. E.

AID P - 4322

Subject : USSR/Engineering

Card 1/2 Pub. 128 - 22/26

Author : Popov, V. E., Kand. Econom. Sci., Dotsent

Title : Some questions concerning the distribution of machine-building in Siberia.

Periodical : Vest. mash., #3, p. 72-75, Mr 1956

Abstract : The author discusses proper distribution of the heavy machinery industry in Siberia from the point of view of the national economy. He stresses that this industry should not be concentrated exclusively in the European parts of the Soviet Union, but that several industrial regions must be created in Siberia to serve this rapidly expanding territory, to develop and use its vast natural mineral, forest and agricultural resources, not only for local consumption but also for the needs of other Asiatic peoples. New educational and scientific research centers must be established for proper training