SAATCHAN, G. G.

O vozmozhnosti dopoinitel'nogo pitaniia reki Usy dlia obespecheniia bespereboinogo sudokhodstva. / About possibilities of additional feeding of Usa river for uninterrupted navigation /. (Vodnyi transport, 1940, no. 12, p. 27-28, map).
DLC: HE561.R8

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

SAATCHYAN, G.G., kandidat tekhnicheskikh nauk.

Methods of determining the necessary degree of packing required for railroad embankments. Transp.stroi. 6 no.5:24-26 My '56. (MLRA 9:8)

(United States--Railroads--Earthwork)

SAATCHYAN, G.G., kandidat tekhnicheskikh nauk.

Machinery for packing fill-ins. Transp. stroi. 6 no.8: 25-26 Ag '56. (MLRA 9:10)

(Europe, Western--Road machinery)

SAATCHYAN, G.G., kandidat tekhnicheskikh nauk.

Stability of roadbeds in the areas of the Ust'-Kamenogorsk reservoir. Transp.stroi. 6 no.11:5-8 N '56. (MLRA 10:1)
(Ust'-Kamenogorsk--Railroads) (Soil mechanics)

SAATCHYAN, G.G., kandidat tekhnicheskikh nauk.

On elastic deformation in railroad fills. Trudy TSNIIS no.18:5-13 '56. (Railroads--Earthwork) (MLRA 9:10)

SAATCHYAN, G.G., kandidat tekhnicheskikh nauk; BRODOV, Ye.Yu., kandidat tekhnicheskikh nauk.

Some remarks concerning technical specifications for planning railroad construction. Transp. stroi. 7 no.3:22-24 Mr '57. (MLRA 10:6)
(Railroads--Construction)

SAATCHYAN, G.G., kand. tekhn. nauk; TSVELODUB, B.I., inzh.

Results of the conference on mechanized soil compaction in construction. Transp. stroi. 7 no.12:24-25 D '57. (MIRA 11:2)
(Earthwork)

SAATCHYAN, G.G., kand. tekhn. nauk.

Results of investigations made on soil compaction in railroad embankments. Trudy MIIT no.94:21-29 '57. (MIRA 11:5)
(Railroads--Earth work) (Soil stabilization)

SAATCHYAN, G.G., kand. tekhn. nauk

Constructing roadways across reservoirs and along banks subjected to scouring. Transp. stroi. 8 no.1:24-25 Ja '58. (MIRA 12:12)

(Great Salt Lake--Railroads--Construction)

SAATCHYAN, G.G., kand. tekhn. nauk

Interesting studies in the stability of highway embankments.
Avt.dor. 21 no.10:28-29 O '58. (MIRA 11:11)
(Embankments)

SAATCHYAN, G.G., kand.tekhn.nauk; DRUZHININ, M.K., inzh.

Deformation of a high embankment in Perm. Transp.stroi. 9 no.2:50-52 F '59. (MIRA 12:5)
(Perm—Embankments)

SAATCHYAN, G.G., kand.tekhn.nauk; TSVELODUB, B.I., inzh.

Improving the quality of roadbed construction. Transp. stroi. 9 no.7:17-21 Jl '59. (MIRA 12:12)
(Railroads--Earthwork)

SAATCHYAN, G.G., kand.tekhn.nauk

Using the D-365 pneumatic motor roller in stabilizing roadways. Transp.stroi. 9 no.12:24-26 D '59. (MIRA 13:5)
(Rollers(Earthwork)) (Railroads--Construction)

SAATCHYAN, G.G., kand.tekhn.nauk

Issuing a draft of Technical Norms and Specifications for Permafrost Regions. Transp.stroi. 10 no.3:49-51 Mr '60. (MIRA 13:6)

(Frozen ground)
(Russia, Northern--Railroads--Earthwork)

SHAKHUNYANTS, Georgiy Mikhaylovich, doktor tekhn. nauk; AMELIN, S.V., prof., retsenzent; KONSTANTINOV, V.N., dots., retsenzent; SMIRNOV, M.P., retsenzent; YAKOVLEV, V.F., retsenzent; BOCHENKOV, M.S., kand.tekhn. nauk, retsenzent; BROMBERG, Ye.M., retsenzent; YERSHKOV, O.P., retsenzent; ZVEREV, B.N., retsenzent; ZOLOTARSKIY, A.F., retsenzent; IVASHCHENKO, G.I., retsenzent; LINEV, S.A., retsenzent; MARKAR'YAN, M.A., retsenzent; POPOV, V.V., retsenzent; POPOV, S.N., retsenzent; SEREBRENNIKOV, V.V. retsenzent; SHAFRANOVSKIY, A.K., retsenzent; NOVITSKIY, G.I., inzh., retsenzent; VIKTOROV, I.I., kand.tekhn.nauk, retsenzent; VYSOTSKIY, A.F., kand.tekhn.nauk, retsenzent; SAATCHYAN, G.G., kand.tekhn.nauk, retsenzent; YAKOVLEVA, Ye.A., kand.tekhn.nauk, retsenzent; TITOV, V.P., kand.tekhn.nauk, retsenzent; GRUSHEVOY, N.G., inzh., red.; BROMBERG, Ye.M., kand.tekhn.nauk, red.; KHITROV, P.A., tekhn. red.

[Railroad tracks] Zheleznodorozhnyi put'. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1961. 615 p. (MIRA 14:12)

1. Kafedra "Zheleznodorozhnyy put'" Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta (for Amelin, Konstantinov, Smirnov, Yakovlev). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta (for Bochenkov, Bromberg, Yershkov, Zverev, Zolotarskiy, Ivashchenko, Linev, Markar'yan, Popov, V.V., Popov, S.N., Serebrennikov, Shafranovskiy, Novitskiy). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva (for Viktorov, Vysotskiy, Saatchyan, Yakovleva, Titov)

(Railroads--Track) (Railroad engineering)

SAATCHYAN, G.G.

Methods for determining the swelling of packed soils. Pochvovedenie no. 5:110-111 My '61. (MIRA 14:5)
(Soil physics)

SAATCHYAN, G.G., kand.tekhn.nauk

"Methodological instructions on determining the physicomechanical properties of soils in a semiportable laboratory of research expeditions" by [inzh.] A.N.Chukhrova, [inzh.] D.S.Nevel'son. Reviewed by G.G.Saatchian. Transp. stroi. 12 no.8:60-61 Ag '62. (MIRA 15:9)

(Soils—Testing) (Chukhrova, A.N.) (Nevel'son, D.S.)

SAATCHYAN, G.G., kand.tekhn.nauk

Total moisture capacity of clay fill. Transp.stroi. 12 no.10: 36-37 O '62. (MIRA 15:12)

(Clay--Testing)

SAATCHYAN, L.O., inzh.; KHAINSON, Ya.I., inzh.

Concerning the choice of the efficient structure of power sources in electric power systems. Elektrichestvo no.5:20-27 My '62. (MIRA 15:5)

1. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut Ministerstva elektrostantsiy SSSR.
(Electric power plants)
(Fuel)

SAATCHAN, L.O., ZEYLIGER, A.V.

Long-term Plan for Development of a Unified Power System for Siberia for the Period 1965-1980.

Report to be submitted for the Conference on Electrification of Siberia, Development and unification of its power systems, 7-9Dec61.

IVANOV, Ye.S.; SAATCHYAN, S.A.

Manufacturing plasticate packing collars for hydraulic presses. Der. prom. 7 no.2:22-23 F '58. (MIRA 11:1)

1. Leningradskaya mebel'naya fabrika im. Khalturina.
(Packing (Mechanical engineering)) (Plastics)

SAATCHIAN, S.A.

Manufacture of plastic seals for hydraulic presses. Sbor.vnedr.rats. pred. v les. i meb.prom. no.2:183-185 '59. (MIRA 13:8)

1. Mebel'naya fabrika im. Khalturina.
(Hydraulic presses) (Sealing (Technology))

IVANOV, Yevgeniy Sergeyevich; MORUSHKIN, Georgiy Vasil'yevich; SAATCHAN, Sergey Aleksandrovich; GOLUBEVA, T.M., red.; TELYASHOV, R.Kh., red.izd-va; GVIRTS, V.L., tekhn.red.

[Mechanization experiments at the Khalturina Furniture Factory] Opyt mekhanizatsii na mebel'noi fabrike im. Khalturina. Leningrad, 1963. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no.4) (MIRA 16:10)
(Leningrad--Furniture industry--Equipment and supplies)

SAATOV, M., assistent

Giant calculus of the thyroid gland. Med. zhur. Uzb. no. 1:65-66 Ja '60. (MIRA 13:8)

1. Iz kafedry normal'noy anatomii (zav. - prof. I.G. Mardershteyn) Andizhanskogo gosudarstvennogo meditsinskogo instituta.
(THYROID GLAND--DISEASES) (CALCULI)

SAATOV, M., assistent

Case of the development of cartilaginous tissue in the thyroid gland of a fetus. Med. zhur. Uzb. no.6:69 Je '60. (MIRA 15:2)

1. Iz kafedry normal'noy anatomii (zav. - prof. I.G.Mardershteyn) Andizhanskogo gosudarstvennogo meditsinskogo instituta.
(THYROID GLAND--TUMORS)

SAATOV, M., assistent

Comparative morphology of a case of a double Vena azygos. Med. zhur. Uzb. no.5:84-85 My '60. (MIRA 15:3)

1. Iz kafedry normal'noy anatomii (zav. - prof. I.G. Mardershteyn) Andizhanskogo gosudarstvennogo meditsinskogo instituta.

(ABNORMITIES AND DEFORMITIES)
(VENA AZYGOS)

BABAYEVA, V.A., dotsent; SAATOV, M.S., assistent

Anomalies of the ureters in fetuses and newborns. Med. zhur. Uzb. no.2:46-48 F '60. (MIRA 15:2)

1. Iz kafedry normal'noy anatomii (zav. - prof. I.G.Mardershteyn) Andizhanskogo gosudarstvennogo meditsinskogo instituta.
(URETERS--ABNORMITIES AND DEFORMITIES)

SAATOV, M.S.

Study of evaporation in the Amu Darya Delta. Izv.AN Uz.SSR 3:39-46 '56. (MIRA 12:6)
(Amu Darya Valley--Evaporation)

USSR / Soil Science. Physical and Chemical Properties of Soils. J-2

Abs Jour: Ref Zhur-Biol., No 8, 1958, 34330.

Author : Saatov, M. S.
Inst : AS UzSSR.
Title : Experimental Study of Evaporation under Conditions Prevalent in the Delta of Amu-Darya.

Orig Pub: Izv. AN UzSSR, 1956, No 3, 39 - 46.

Abstract: Nature and size of daily evaporation from the surface of solonchak (salt marsh) with sparse shrubs of saltwort (Salsola), from meadowy-saliniferous soil under reed, from meadowy weak-salty soil under cotton plants, have been studied. The highest intensity of evaporation from the solonchak was observed in May - June (47.4 - 56.8 mm), when the level of subsurface waters was

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MIL'KIS, B.Ye.; MOGEL'NIKOV, L.P.; SAATOV, M.S.

Evaporation from the surface of the Katta Kurgan Reservoir. Izv. AN Uz. SSR. Ser. tekh.nauk no.6:56-66 '60. (MIRA 14:1)

1. Institut vodnykh problem i gidrotekhniki AN UzSSR.
(Katta Kurgan Reservoir—Evaporation)

MIL'KIS, B.Ye.; MOGIL'NIKOV, L.P.; SAATOV, M.S.

Evaporation from the surface of the Uch-Kizil Reservoir. Vop. gidr. no.11:82-86 '63. (MIRA 17:6)

MIL'KIS, B. Ye.; SAATOV, M.S.

Concerning the radiation balance of a cotton field. Vop. gidrotekh. no.2[illegible]44-52 '64 (MIRA 18:1)

TURAKULOV, Ya.Kh.; SAATOV, T.

Fractionation of proteins as to their solubility of a normal and pathological thyroid gland. Uzb. biol. zhur. 9 no.5: 5-9 '65. (MIRA 18:10)

1. Uzbekskiy institut krayevoy meditsiny AMN SSSR.

SAB, S.

"Causes of the Bad Taste of Oils and Fats after Dehydration and the Dehydration of Oils and Fats by means of Steam." p.258
(PRZEMYSL ROLNY I SPOZYWCZY Vol. (7) no. 7, July 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

SABAC, Mihai

Compatible $\mathcal{T}$-topologies with vectorial space structure. Studii cerc mat 15 no. 5:617-619 '64.

SABACEK, Tomas, inz.

Plaster replacement for manufacturing molds for making household pottery by turning. Sklar a keramik 13 no.3:65-67 Mr '63.

1. Keramicke zavody, narodni podnik, Znojmo.

HOUBAL, Vaclav; SABACKA, Marie

Non-parasitic liver cysts. Cas.lek.cesk 100 no.6:175-180 10 F '61.

1. V.interni a infekcni oddeleni KUNZ fakultni nemocnice v Brne-Bohunicich, prednosta doc. MUDr. V. Houbal.

(LIVER DISEASES)

SABACKA, M.; JEZEK, P.; KUTALKOVA, O.; TOVAREK, J.

Proteolytic activity in epidemic hepatitis. Cas. Lek. Cesk. 100 no.49: 1545-1548 8 D '61.

1. Infekcni oddeleni fakultni nemocnice v Brne-Bohunicich, prednosta doc. MUDr. V. Houbal. III vnitrni klinika fakultni nemocnice v Brne, prednosta prof. MUDr. et PhDr. J. Pojer.

(PROTEASES blood) (HEPATITIS INFECTIOUS blood)

SABACKY, Jaroslav; VRTILEK, Vladimir

Estrogens in childhood and in a case of congenital adrenogenital syndrome. Cesk.pediat.15 no.11:989-997 N'60.

1. I. detska klinika v Brne, prednosta prof.dr. Brunecky. Ustav klinickych vysetrovacich metod farmac. fakulty v Brne.
(ESTROGENS urine)
(ADRENOGENITAL SYNDROME urine)

2

CZECHOSLOVAKIA

SABACKY, J., MD; KELUSA, M., MD.

First Children's Clinic UJEvP (I. detska klinika UJEvP), Brno (for both)

Prague, Prakticky lekar, No 11, 1963, pp 414-417

"Clinical Experience with Kanamycin."

SABACKY, Jaroslav

A contribution to the autoimmune theory of rheumatic fever. Cesk. pediat. 17 no.1:44-48 Ja '62.

1. I detska klinika v Brne, prednosta prof. MUDr. Z. Brunecky.

(RHEUMATIC FEVER immunology)

SABACKY, Vladimir, inz.; HOMOLA, Bedrich, inz.; VAVRA, Miroslav, inz.; GALLAS, Jan

Effectiveness of the construction of main lumberyards depends on the use of heavy duty machines. Les cas 11 no.3:249-272 Mr '65.

1. Enterprise Management of State Forests, Brno (for Sabacky and Homola). 2. Forest Enterprise Telc (for Vavra). 3. Forest Enterprise Rajnochovice (for Gallas). Submitted November 3, 1964.

CZECHOSLOVAKIA

SABAD, L.

Prague, Ceskoslovenska hygiena, No 6, 1963, pp 349-356

"Cancerogenous Substances in External Environment and Their Suppression."

SABAD, L.M.

SABAD, L.M.

Atmospheric contamination by carcinogenic substances (3,4-benzopyrenes) and protective measures against it. Cas. lek. cesk. 96 no.52:1618-1624 27 Dec 57.

1. P-129, Institut onkologii. Akad. med. nauk SSSR, Berezovaja 3.
(BENZOPYRENES
atmospheric contamination by 3,4-benzopyrenes, prev. (Cz))
(AIR POLLUTION
by 3,4-benzopyrenes, prev. (Cz))

SABAD, L. M.

On prevention of tumors. Cas. lek. cesk. 101 no.24/25:784-787 22 Je '62.

1. Ustav experimentalni a klinicke onkologie Akademie medicinskych nauk, SSSR, reditel akademik N. N. Blochin. Oddeleni vyzkumu kancerogennich latek, prednosta akademik L. M. Sabad.

(NEOPLASMS prev & control)

SABAD, L.M.

Cancerogenic substances in the external environment and control measures. Cesk. hyg. 8 no.6:349-356 Jl '63.

(AIR POLLUTION) (CARCINOGENS)

SABAD, L.M., akademik

Experimental carcinoma of the lungs and various questions about the etiology and prevention of lung cancer in man. Cas. lek. cesk. 104 no.26: Cas. lek. cesk. 104 no.26:705-710 2 Jl '65.

1. Oddeleni kancerogennich latek (vedouci: akademik L.M. Sabad) Ustavu experimentalni a klinicke onkologie AMN SSSR (reditel: akademik N.N. Blochin, Moskva).

SABADAS, A.L.

Evolutionist bases of the radiobiological reactivity appreciation of cells and organisms. Analele biol 17 no.2:3-28 Mr-Ap '63.

1. SABADASH, S. L., ANTONOV, N. A., Min Engs.

2. USSR (600)

4. Mining Engineering

7. Readers conference in Magnitogorsk. Gor zhur No 12 1952.

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

SABADASH, Vasilisa Kirillovna, zasluzhennyy master sotsialisticheskogo zhivotnovodstva Kazakhskoy SSR; GUSEVA, N.P., red.; ZLOBIN, M.V., tekhn. red.

[How I increase milk yields] Kak ia povyshaiu nadoi moloka. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 13 p. (MIRA 11:7)

1. Doyarka kolkhoza imeni Chapayeva, Shemonaikhinskogo rayona, Vostochno-Kazakhstanskoy oblasti.
(Kazakhstan--Dairying)

SABADASH, Ye. V. Cand Med Sci -- (diss) "Nycto-hemeral rhythm of the content of microelements in the blood." Stalino, 1959. 16 pp (Stalino State Med Inst im A. M. Gor'kiy). (KL, 52-59, 126)

SABADASH, Ye.V.; SOROKA, V.R.

Twenty four hour rhythm of excretion of microelements with the urine. Biul. eksp. biol. i med. 52 no.8:64-66 Ag '61. (MIRA 15:1)

1. Iz kafedry biokhimii (zav. - prof. A.O.Voynar) Stalinskogo meditsinskogo instituta imeni A.M.Gor'kogo, Donbass. Predstavlena deystvitel'nym chlenom AMN SSSR S.Ye.Sererinym.
(URINE--SECRETION) (MINERALS IN THE BODY)

SABADASH, Ye.V.; SOROKA, V.R.

Twenty-four hour rhythm in the quantity of trace elements in the spinal fluid. Fizio.zhur. 48 no.8:994-996 Ag'62. (MIRA 16:6)

1. Kafedra biokhimii Meditsinskogo instituta, Donetsk.
(CEREBROSPINAL FLUID) (TRACE ELEMENTS IN THE BODY)
(PERIODICITY)

GREBENNIKOV, Ye.P.; SOROKA, V.R.; SABADASH, Ye.V.

Content of microelements in the milk of animals and humans.
Vop. pit. 22 no.1:87-88 Ja-F'63 (MIRA 16:11)

1. Iz kafedry biokhimii (nauchnyy rukovoditel' - prof. A.O. Voynar) i kafedry akusherstva i ginekologii (zav. - prof. P.P. Sidorov) Donetskogo meditsinskogo instituta.

ZAKHAROV, I.Ya.; SOROKA, V.R.; SABADASH, Ye.V.

Dynamics of the content of some trace elements in the blood of patients with microbial eczema and circumscribed neurodermatitis. Vest. derm. i ven. no.2:9-13 '64.

(MIRA 17:11)

1. Kafedra kozhnykh i venericheskikh zabolevaniy (zav. - prof. N.A. Trosuyev) Donetskogo meditsinskogo instituta imeni A.M. Gor'kogo.

SAATOV, Ya.U.

Vibrations in a centrifuge. Izv. AN Uz.SSR.Ser.tekh.nauk 6 no.2:22-26 '62. (MIRA 15:7)

1. Institut mekhaniki AN UzSSR.
(Centrifuges—Vibration)

SAATOV, Yu.U.

Theory of the point impact on an elastic diaphragm. Izv. AN Uz. SSR. Ser. tekh. nauk 7 no.4:37-41 '63. (MIRA 16:11)

1. Institut mekhaniki AN UzSSR.

SAATOV, Ya.U.

Numerical solution of the problem concerning the propagation of an elastic radially transverse wave. Vop. vych. mat. i tekh. no.3:30-48 '64. (MIRA 18:9)

SAATOV, Ya.U.

Theory of a normal impact on a flexible membrane. Izv. AN Uz. SSR. Ser. tekh. nauk 8 no.1:87 '64. (MIRA 17:6)

1. Institut mekhaniki AN Uzbekskiy SSR.

L 36295-66 EWT(1)/EWT(m)/EWP(w) IJP(c) WW/EM

ACC NR: AR6000724 SOURCE CODE: UR/0124/65/000/009/V014/V014

AUTHOR: Saatov, Ya, U.

TITLE: Numerical solution of the problem of the propagation of elastic radially transverse waves

SOURCE: Ref. zh. Mekhanika, Abs. 9V103

REF SOURCE: Sb. Vopr. vychisl. matem. i tekhn. Vyp. 3, Tashkent, 1964, 30-48

TOPIC TAGS: elastic wave, wave propagation, numeric solution, nonlinear differential equation, ordinary differential equation, difference equation, TRANSVERSE WAVE

ABSTRACT: The problem of the propagation of radially transverse waves (Kh. A. Rakhmatulin and Yu. A. Dem'yanov. Prochnost' pri intensivnykh kratkovremennykh nagruzkakh. M., Fizmatgiz, 1961) is considered, and a numerical method for its solution is described in detail. The problem, which is reduced to the integration of a system of two nonlinear ordinary differential equations, is solved with the help of the method of reduction to finite-difference equations. A computer program is compiled for the solution. Ye. I. Shemyakin [Translation of abstract]

SUB CODE: 20

Card 1/1

CZECHOSLOVAKIA

SABATA, V., DRAHOTA, Z., HAHN, P; Institute of Care for Mother and Child, Physiological Institute, Czechoslovak Academy of Sciences (Ustav pro Peci o Matku a Dite, Fysiologicky Ustav CSAV), Prague.

"Values of Acetoacetic Acid and Total Ketone Substances in Mother and Newborn Child."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 92-93

Abstract: In the blood of mothers 0.10 micromoles/ml of acetoacetic acid and 0.47 micromoles/ml of total ketone substances was found; the blood of newborn children contained about ½ of these amounts. The two values are in proportion to each other; the fetus does not accumulate or produce these substances. It seems that these substances do not influence metabolism of the fetus. 1 Figure, 1 Western reference. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

KOSTRIN, K.V.; SABADASH, Yu.S.

Light thermal cracking (viscosity breaking) of the heavy residues of sour crudes. Trudy BashNII NP no.6:18-23 '63.
(MIRA 17:5)

AKIMOV, V.S.; KOSTRIN, K.V.; KREYMER, M.L.; SABADASH, Yu.S.

Remodeling pressure-vacuum and thermal cracking devices. (MIRA 17:5)
Trudy BashNII NP no.6:271-278 '63.

CHERNYSH, M.Ye; CHEREK, M.I.; AKIMOV, V.S.; SABADASH, Yu.S.

Setting a combined system for the thermal reforming of straight-run gasoline from lightly cracked tar at the units of thermal cracking. Khim.i tekh.topl.i masel 6 no.1:6-11 Ja '61. (MIRA 14:1)

1. Upravleniye Bashneftekhimzavody i Bashkirskiy nauchno-issledovatel'skiy institut neftyanoy promyshlennosti.
(Gasoline) (Cracking process)

AKIMOV, V.S.; KOSTRIN, K.V.; KREYMER, M.L.; SABADASH, Yu.S.

Rebuilding pressure vacuum distillation thermal cracking units in the Bashkir petroleum refineries. Khim. i tekh. topl. i masel 6 no.11:11-14 N '61. (MIRA 14:12)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

(Bashkiria--Petroleum refineries--Equipment and supplies)

KOSTRIN, K.V.; SABADASH, Yu.S.

Thermal cracking of fuel oils and tars from high-sulfur crudes. Khim.i tekh.topl.i masel 7 no.2:1-5 F '62. (MIRA 15:1)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

(Bashkiria—Cracking process)

KOSTRIN, K.V.; SABADASH, Yu.S.

Improving the quality of automobile gasolines in Bashkir petroleum refineries. Neftianik 7 no.5:13-14 My '62.
(MIRA 15:12)

1. Sotrudniki Bashkirskogo nauchno-issledovatel'skogo instituta po pererabotke nefti.
(Bashkiria--Gasoline)

L 12297-63 EPF(c)/EWT(m)/BDS AFFTC/APGC Pr-4 BW/MN
S/081/63/000/005/054/075 63

AUTHORS: Kostrin, K. V., Sabadash, Yu. S., Malikov, F. Kh. and Sakayev, R. A.

TITLE: Thermal reforming of straight-run gasoline

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 501, abstract 5P163 (Tr. Bashkirsk. n.i in-t. po pererabotke nefti, 1962, no. 5, 41-50)

TEXT: Several sets of data were introduced on studies of reforming processes on both experimental and industrial apparatus. On the basis of the experiments a plan was developed and proposed for complex utilization of thermal cracking establishments for light fractions of semi-tars (with removal of middle fractions from them which might be used after purification as components of diesel fuel) and reforming of lower octane fractions of straight-run gasolines. The straight-run gasoline entering the cracking apparatus need not contain head fractions; the distillation of the latter may occur directly on atmospheric vacuum pipe stills or normal pressure pipe stills or on secondary distillation apparatus. The adoption of the above described plan on petroleum industry plants will result in the possibility of increasing the production of diesel fuel, and also gasolines with a higher than A-66 octane number. A plan was introduced for reconstruction of a typical thermal cracking system. A. Nagatkina.

[Abstractor's note: Complete translation]

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SABADASH, Yu.S.; TERENT'YEV, G.A.

Effect of the quality of the starting gasoline on the economics of its reforming. Trudy Bash NIINP no.5:51-56 '62.

(MIRA 17:10)

SABADASH, Yu.S.; ABDRAZYAKOVA, A.P.

Redesigning thermal-cracking units for deep stabilization of gasolines. Nefteper. i neftekhim. no.8:3-4 '63.
(MIRA 17:8)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

SABADASH, Yu.S.

Use of additives in the thermal cracking of heavy petroleum residues. Nefteper. i neftekhim. no.9:17-19 '63. (MIRA 17:8)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

TERENT'YEV, G.A.; SABADASH, Yu.S.

Certain problems of the economics of the production of automobile gasolines. Khim. i tekh. topl. i masel 8 no.10: 29-34 O '63. (MIRA 16:11)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.

SABADASHEV, V. P., Cand Tech Sci -- (diss) "Development and study of contactless magnetic elements designed for certain telemechanical equipment of industrial enterprises." Novocherkassk, 1957. 20 pp with drawings (Min of Higher Education USSR, Novocherkassk Polytechnic Inst im S. Ordzhonikidze, Chair of Electrification of Industrial Enterprises), 130 copies (KL, 52-57, 108)

SABADASHEV, V. P.

"The Development and Study of Contactless Magnetic Elements Designed for Certain Telemechanical Devices of Industrial Enterprises,"
pp 83-119, ill, 7 ref

Abst: A series of narrow-band phase-sensitive circuits, as well as contactless relays, are examined with an aim of utilizing them in certain telemechanical devices with AC power supply from a line.

SOURCE: Trudy Novocherkasskogo Politekhn. In-ta im. S. Ordzhonikidze MVO SSSR (Works of the Novocherkasskiy Polytechnic Institute imeni S. Ordzhonikidze of the Ministry of Higher Education USSR), Volume 48/62, Works of the Electromechanical Faculty in Connection With the 50th Anniversary of the Institute (1907-1957), Taganrog, 1957

Sum 1854

SABADASHEV, V. P.

"A Servo System Using Noncontact Magnetic Elements,"
pp 121-126, ill

Abst: Description of a follow-up system and its individual components (data units, phase inverters and phase-sensitive circuits) is given. The device is intended for use in copying lathes which machine parts with smooth profiles, as well as for many other cases. The basic peculiarities of the system (absence of electronic tubes, movable contacts, etc.) are discussed.

SOURCE: Trudy Novocherkasskogo Politekhn. In-ta im. S. Ordzhonikidze MVO SSSR(Works of the Novocherkasskiy Polytechnic Institute imeni S. Ordzhonikidze of the Ministry of Higher Education USSR), Volume 48/62, Works of the Electromechanical Faculty in Connection With the 50th Anniversary of the Institute (1907-1957), Taganrog, 1957

Sum 1854

SOV/144-58-10-10/17

AUTHORS: Sabadashev, V.P., Candidate of Technical Sciences, Assistant
Gerasimov, V.B., Assistant

TITLE: A Contactless Magnetic Device for Automatic and Semi-Automatic Self-Synchronisation of Synchronous Generators (Beskontaktnoye magnitnoye ustroystvo dlya avtomaticheskoy i poluavtomaticheskoy samosinkhronizatsii sinkhronnykh generatorov)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Elektromekhanika, 1958, Nr 10, pp 104-114 (USSR)

ABSTRACT: Existing circuits for automatic and semi-automatic self-synchronisation have a number of contacts and tend to be unreliable. This article suggests for the purpose the use of contactless magnetic elements. The arrangement consists of a phase sensitive circuit (which has been investigated theoretically and experimentally by A.D.Drozdov,) (Ref 4), a magnetic amplifier with feed-back for even harmonics and automatic equipment that serves to connect the generator to the circuit and to deliver field currents. The frequency comparison device consists of a phase sensitive circuit and an

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A Contactless Magnetic Device for Automatic and Semi-Automatic Self-Synchronisation of Synchronous Generators

amplidyne. The phase sensitive circuit consists of two peaking transformers. When the generator is nearing synchronous speed the voltage vectors of the system and of the generator to be connected to it coincide long enough for the relay to operate and connect the generator to the system provided that conditions are suitable. The processes that take place in the phase sensitive circuit during paralleling are then described. As the voltage phase of one saturating transformer alters relative to the other, the mean emf in their secondary circuit varies as shown graphically in Fig 2. It is shown that the load characteristic of the protection depends on the wave shape of the secondary current impulses of the saturating transformers. Formulae are given for calculation of the relay current. Finally, formula (15) is derived for the load current of the protective system, this formula gives the effective value of the load current in the secondary circuit of the saturated transformers of the phase sensitive system when the current impulses of the saturated transformers

A Contactless Magnetic Device for Automatic and Semi-Automatic Self-Synchronisation of Synchronous Generators

are of triangular wave shape as will occur in the operation of the system. Experimental and calculated values of mean and effective current are compared in Tables 1 and 2 and the maximum error that results from calculating the currents by formulae (7) and (9) does not exceed 10% which is quite acceptable. Fig 7 gives test and calculated load characteristics of the phase sensitive circuit and it will be seen that formula (15) is sufficiently accurate over the range considered. Further analysis is given of the conditions under which the relay will operate. The conditions under which synchronisation is possible are discussed. One of these devices for automatic and semi-automatic self-synchronisation of alternators was made and tested in the Novocherkassk Polytechnical Institute. The design and construction of the components is briefly described. The test results are briefly described. An oscillogram of the process of operation of the synchronising device when the speed of the generator is very different from

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the synchronous speed is given in Fig 12 and a similar oscillogram is given in Fig 13 for the case when the alternator is running at synchronous speed. This latter oscillogram shows that the generator was connected in parallel with the system. It is concluded that the contactless magnetic synchronising device is reliable and will not need much adjustment in operation. Variations in supply voltage have no influence on the operation of the device. The system frequency also has no influence on the operation of the device. When the difference between frequencies of the system and generator is 1 to 2 c/s the self-synchronising device operates reliably at accelerations of 0.45 to 2 c/s per second, which is better than with other frequency relays now used for self-synchronisation. By using an amplidyne with feed-back of even harmonics it was possible to use a phase sensitive circuit without rectifiers with beneficial effects on the sensitivity

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and life of the equipment. There are 13 figures, 2 tables and 6 Soviet references.

ASSOCIATION: Kafedra avtomaticheskikh i Izmeritel'nykh Ustroystv Novocherkasskogo Politekhnicheskogo Instituta (Chair of Automatic and Measuring Apparatus, Novocherkassk Polytechnical Institute)

13,4000

68132

SOV/144-59-2-11/19

AUTHORS: Drozdov, A.D., Doctor of Technical Sciences, Professor, Dean, Sabadashev, V.P., Candidate of Technical Sciences, Senior Lecturer and Vegera, Yu.A., Scientific Worker

TITLE: Phase-selective Device with Impulsive Alternating Current for Remote Control

PERIODICAL: Izvestiya vysshikh uchenbykh zavedeniy, Elektromekhanika, 1959, Nr 2, pp 90 - 93 (USSR)

ABSTRACT: The circuit shown in Figure 1 works on the principle of adding and subtracting pulses. Two separate load resistances T_1 and R_2 are shown. In a practical application these would be substituted by the control windings of a differential magnetic amplifier. The operation of the circuit has already been considered in some detail in Refs 1 and 3, where analytical expressions were found for the instantaneous (e), average E_{cp} and effective (E) values of the voltage in the load circuit. The magnetization curve for the core is represented by a hyperbolic sine as in Eq (1).

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Phase-selective Device with Impulsive Alternating Current for Remote Control

The formula for e is Eq (4). In the present application there is an additional pair of input terminals and the modified expression is Eq (5). The separate outputs are e_1, where the pulses add (Eq (6)) and e_2, where they subtract (Eq 7). Depending on the phase relationships at the inputs three important cases arise:
1) In R_1 the phase of one set of input pulses coincides with the supply; the separate outputs are Eqs (9) and (10) and the differential output is Eq (11).
2) The phase of the input pulses shifts 180^o compared with the previous case; the differential output is now Eq (12).
3) The phase relations are more general and the phase response is Figure 2. The corresponding waveforms are in Figure 3.
There are 3 figures and 3 Soviet references.

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68132

SOV/144-59-2-11/19

Phase-selective Device with Impulsive Alternating Current for Remote Control

ASSOCIATION: Elektromekhanicheskiy fakul'tet, Novocherkasskiy politekhnicheskiy institut (Electromechanical Faculty, Novocherkassk Polytechnical Institute)

SUBMITTED: January 16, 1959

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68133

SOV/144-59-2-12/19

AUTHORS: Sabadashev, V.P., Candidate of Technical Sciences, Senior Lecturer and Vegera, Yu.A., Scientific Worker

TITLE: Contactless High-speed Remote-control Phase Device Using Impulsive Alternating Current

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1959, Nr 2, pp 94 - 104 (USSR)

ABSTRACT: An equipment, the TU-TS, has been developed which is faster, less susceptible to supply fluctuations and more reliable than comparable devices at the present time. For a 3-phase system using zeros the relation between the number of symbols n and the number of codes is Eq (4), which is valid for $60 > N > 15$. When, for greater reliability, zeros are excluded, Eq (5) is relevant; in which case the range of validity is $12 > N > 3$. In the arrangement described pulse trains are used with 2-phase pulses. The number of possible symbols is 60, enabling 30 binary devices to be controlled. Figure 1 is a simplified diagram of the equipment. This consists of two sub-sets. The sub-set at the despatching point looks after the coding of the pulses, their transmission

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Contactless High-speed Remote-control Phase Device Using Impulsive Alternating Current

and the control of the transmission line. The two saturated transformers UT-1 and UT-2 are used to generate the pulses. Operating switches V and O select the transmission line. At the receiving point there are 6 phase-sensitive detectors and differential magnetic amplifiers controlling individual relays. The primary windings of the receiving transformers are connected to the appropriate supply phases according to Table 1. The connections between the relays and magnetic amplifiers are listed in Table 2. In the decoder the relay used is the polarized type TRM . The relation between codes and supply phases is given in Table 3. The operation of all switches and relays is described for the particular case of selecting object Nr 1. Experiments have been carried out on a mock-up of the system in the NPI laboratories. Figures 2 and 3 are oscillograms of line currents, amplifier and relay currents when receiving the orders "switch on Nr 1" and "switch off Nr 1",

Contactless High-speed Remote-control Phase Device Using Impulsive Alternating Current

respectively. The decoder takes about 0.1 sec to operate, the majority of the delay being in the amplifier. The sending time for "switch-on" is 0.11 sec and for "switch-off", 0.06 sec. Figures 4,5 and 6 show the effect of system deterioration on performance. In the first two diagrams the line resistance has increased to 7 000 Ω. The maximum resistance permitted would be 6 000 Ω . In Figure 6 the line capacitance is twice the permitted value of 0.25 μF. The supply voltage can be changed ± 15% without ill effects. The transmission distance is intended to be not greater than 15 km. Disadvantages of the system are the use of a large number of rectifiers and the fact that both ends of the system must be within reach of an electrical supply network.
There are 6 figures, 4 tables and 1 Soviet reference.

4

68133
SOV/144-59-2-12/19

Contactless High-speed Remote-control Phase Device Using Impulsive Alternating Current

ASSOCIATIONS: Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnical Institute)
Kalininskiy elektrotekhnicheskiy nauchno-issledovatel'skiy institut (Kalinin Electrical Engineering Scientific Research Institute)

SUBMITTED: December 22, 1958

Card 4/4

SOV/144-59-8-8/14

AUTHORS: Sabadashev, V.P. (Cand.Tech.Sci., Docent) and Zagorodnyuk, V.T. (Assistant)

TITLE: Design of a Phase-sensitive Circuit with Variconds

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1959, Nr 8, pp 79-85 (USSR)

ABSTRACT: Variconds are capacitors with siegnette-ceramic dielectric. In the circuit of Fig 1, which works on the principle of adding and subtracting pulses, type VK1-B devices are used. The load resistance r_H is assumed to be much less than the reactance of either capacitor. The effective value of the load current, as a function of the phase shift between the capacitor currents is Eq (4). The instantaneous values of the currents may be found using the approximate relation between charge and voltage as suggested in Ref 1. The coefficients α and β in this relation (Eq (5)) are given in Table 1 for three types of varicond. The separate expressions for capacitor current are Eqs (8) and (9) and the square of the load current is Eq (11). The three terms of this equation, which must be integrated, are processed in different ways. The first suffers a change of variable $y = \tan z$ and is then

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Design of a Phase-sensitive Circuit with Variconds

treated as a rational function, Eq (14). The second is evaluated by the approximation given in Ref 2. The third is treated like the first, Eq (15). The final expression for load current is Eq (16). Charge-voltage curves for several types of capacitor are given in Fig 2, while Fig 3 compares calculated (curve 1) and measured (curve 2) values of capacitor current versus phase angle. Table 2 gives values of the function $N_i(\delta)$ which appears in Eq (16). The phase-detection characteristics for VKI-6 units at various voltages are in Fig 4, the discrepancy between theory and experiment being about 4%. Analogous results for VKI-2 and VKI-3 units are summarized in Table 3, where the errors are 5-7%. The detection characteristics depend on the peak-currents in the capacitors and differ from the sinusoidal curves described in Ref 3 for linear capacitors.

SOV/144-59-8-8/14

Design of a Phase-sensitive Circuit with Variconds

There are 4 figures, 3 tables and 3 Soviet references.

ASSOCIATION: Kafedra avtomaticheskikh i izmeritel'nykh ustroystv, Novocherkasskiy politekhnicheskiy institut (Chair of Automatic and Measuring Apparatus, Novocherkassk Polytechnical Institute) (Sabadashev)
Kafedra gornoy elektromekhaniki, Novocherkasskiy politekhnicheskiy institut (Chair of Mining Elektromechanics, Novocherkassk Polytechnical Institute) (Zagorodnyuk)

Card 3/3

SUBMITTED: December 28, 1958

SABADASHEV, V.P.; ZAGORODNYUK, V.T.

Noncontact device for controlling a.c. contactors.
Trudy NPI 124:11-18 '62. (MIRA 15:11)
(Electric contactors) (Electric relays)

SABADASHEV, V.P.; GERASIMOV, V.B.; ZHMURIN, D.N.

A remote control device for industrial use with phase and qualitative method for selection. Trudy NPI 124:53-60 '62. (MIRA 15:11)

(Remote control—Equipment and supplies)

DENISOV, Aleksandr Aleksandrovich, kand. tekh. nauk, ispolnyayushchiy obyazannosti dotsenta; SABADASHEV, Viktor Petrovich, kand. tekhn. nauk, dotsent

Device for signaling shaft rotation. Izv. vys. ucheb. zav.; elektromekh. 8 no.5:599-601 '65. (MIRA 18:7)

1. Kafedra elektrifikatsii promyshlennykh predpriyatiy Novocherkasskogo politekhnicheskogo instituta (for Denisov). 2. Kafedra avtomatiki i telemekhaniki Novocherkasskogo politekhnicheskogo (for Sabadashev).

L 07073-67

ACC NR: AP6019231 (N) SOURCE CODE: UR/0144/66/000/002/0181/0186

AUTHOR: Denisov, A. A.; Sabadashev, V. P.

40
B

ORG: None

TITLE: Magnetic switch and its application in remote control systems

SOURCE: IVUZ. Elektromekhanika, no. 2, 1966, 181-186

TOPIC TAGS: electric switch, remote control system, telemetry system

ABSTRACT: A magnetic switch consisting of a contactless cyclic distributor is described. Magnetic contacts replace electrical ones. A steel armature is secured to a rotating shaft, around the circumference of which are transformers with open magnetic circuits and two windings. The primary windings of all elements are connected in series to an AC power supply. As the shaft rotates it opens and closes the magnetic circuits of the working element secondaries. The primary advantages of a telemechanics system with a magnetic switch are almost unlimited service life of magnetic contacts; pulse durations long enough to operate an electromechanical relay; AC at commercial frequency can be used for switching; all elements are contactless. Orig. art. has: 3 formulas and 7 figures.

SUB CODE: 09/SUBM DATE: 13Feb64/ORIG REF: 001

UDC: 621.316.3+621.397

Card 1/1 LC

DOMSA, A.; SANDOR, L.; BOTHA, L.; NICOLAE, V.; SABADEANU, D.; COLAN, H.; PALFALVI, A.

Study on the processing of sintered antifriction materials lubricated with MoS_2 at high temperatures. Bul stiint polit Cluj no.7:249-25[illegible]

SABADKA, Pavol

Experience with operational planning in group machining. Podnik organizace 17 no.1:16-17 Ja '63.

1. Strojarenske a metalurgicke zavody, Kubra-Trencin.

GROCH, J.; technicka spolupraca SABADOSOVA, S.; VRANAYOVA, E.

Hygienic problems of the organization of the daily regimen in school day-hostels. Cesk. hyg. 7 no.9:522-527 O '62.

1. Ustav hygieny a epidemiologie Lekarskej fakulty UPJS, Kosice.
(SCHOOL HEALTH)

STATICESCU, P., ing.; DIACONU, T., ing.; ZAMFIRESCU, M., ing.; SABADUS, M., ing.; LENGYEL, V., tehn.; JIANU, V.

Dynamics of sugar-beet growing and sugar accumulation in 1964. Ind alim 16 no.3:134-137 Mr '65.

1. Food Research Institute, Bucharest (for Staticescu, Diaconu, Zamfirescu). 2. Central Meteorological Institute (for Jianu). 3. Timisoara Sugar Plant (for Sabadus). 4. Tirgu Mures Sugar Plant (for Lengyel).

L 43563-65

ACCESSION NR: AP5012960 PO/0022/64/000/010/0285/0288

AUTHOR: Sabaj, Stanislaw (Engineer)

TITLE: Transistorized bridge-type repeater bay

SOURCE: Przeglad telekomunikacyjny, no. 10, 1964, 285-288

TOPIC TAGS: communication equipment, electronics, transistorized amplifier

Abstract: The article describes a bay containing transistorized bridge-type repeaters, its application, operation and construction. It is used for partial compensation of attenuation along cables, non-pupinized, which are installed in local or district networks. Each repeater consists of two branches, one lengthwise and one transverse. These two branches, each one being a negative-resistance type converter, are connected bridgewise to a transformer and assure stable operation under any condition from short circuit to open circuit. Each converter is actually a transistorized push-pull amplifier, Class A, with combined positive and negative feedback. A schematic circuit diagram of the bridge-repeaters and a schematic function diagram of the entire bay are shown and explained. Essential operating and performance data are listed. The bay dimensions are 2600x660x225 mm.

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L 43563-65

ACCESSION NR: AP5012960

with several chassis: for telephone, power supply, signal, protective and alarm circuit connections, for a set of 48 repeaters in 12 groups of four, for a set of 32 repeaters in 8 groups, for the power supply itself and for a drawer.
Orig. art. has 4 figures, 1 graph, and 1 table.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EC

NO REF SOV: 000 OTHER: 000 JPRS

Card 2/2 nlb