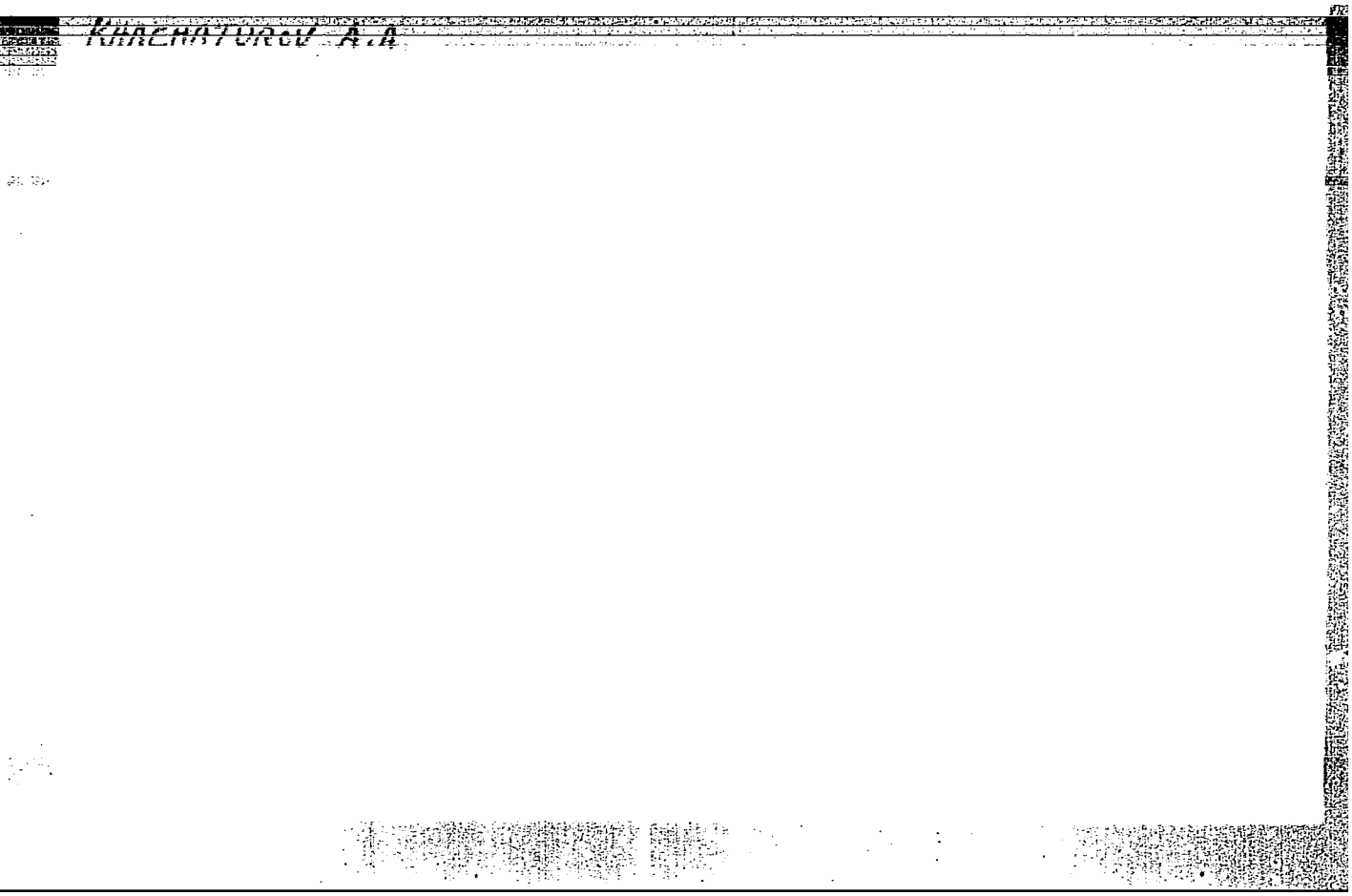
"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5



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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.A., inzhener.

Nonsynchronous switching tests on a 110 kv line. Elek.sta. 27 no.3: 40-44 Mr '56. (MLRA 9:8)

(Electric lines)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.A., kandidat tekhnicheskikh nauk.

Asynchronous operation and resynchronization of hydrogenerators. (MLRA 9:10)
Elek.sta. 27 no.8:40-43 Ag '56.

(Electric generators)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

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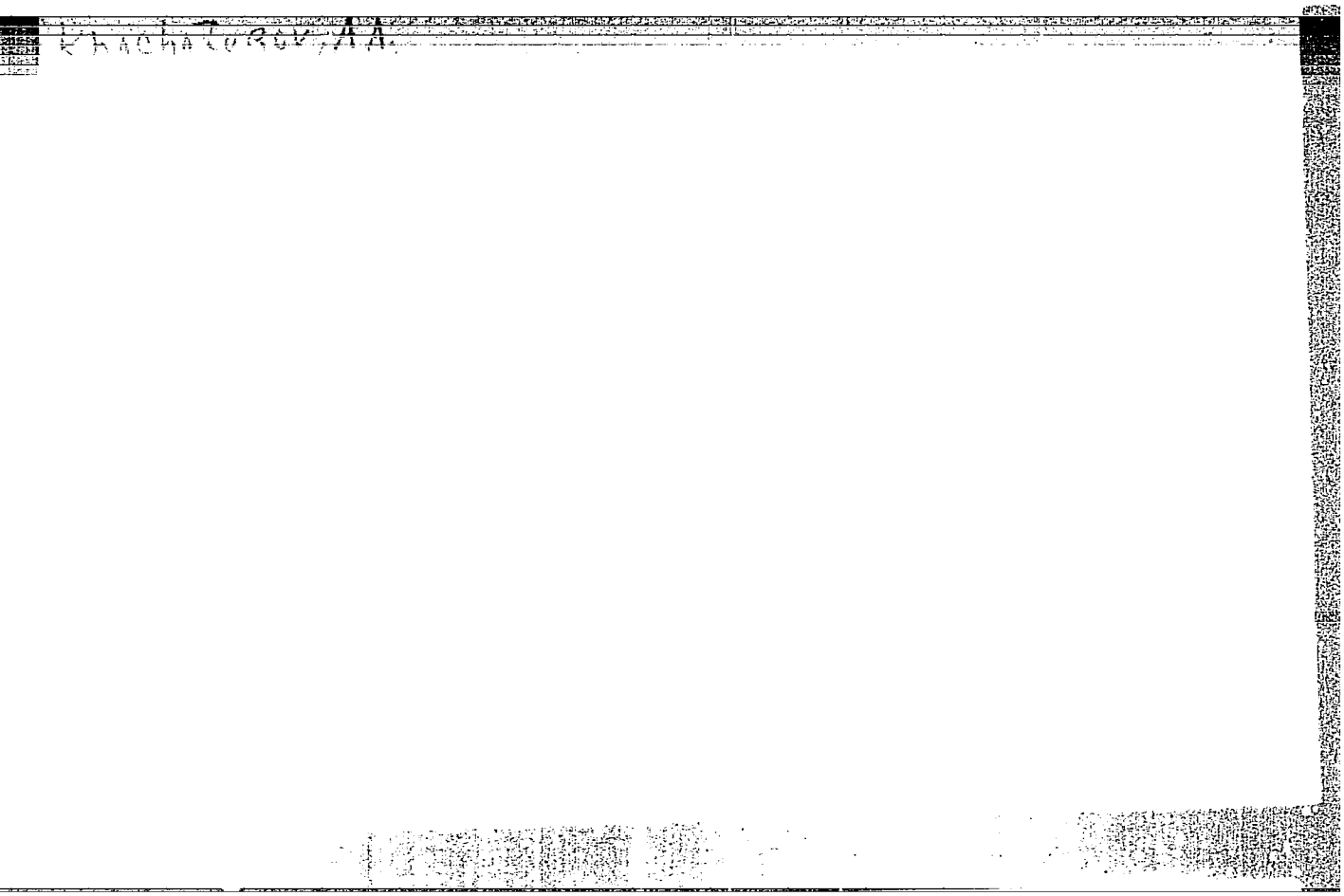

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

ARTEM'YEV, S.; BABKOV, V.; BIRULYA, A.; BOGOMOLOV, A.; BOCHIN, V.; BRILING, N.; VAKHRUSHIN, N.; VOLKOV, M.; GURARIY, M.; DADENKOV, Yu.; YEFREMOV, V.; ZELENKOV, G.; IVANOV, N.; IGOLKIN, N.; KUDRYAVTSEV, A.; LITVIN, N. MIKHAYLOV, V.; PROKOF'YEV, I.; SARKIS'YANTS, G.; ROMANENKO, I.; STRAMENTOV, A.; FEDOROV, V.; KHACHATUROV, A. i dr.

Anatolii Pavlovich Khmel'nitskii. Avt. dor. 21 no.12:30 D '58. (MIRA 12:1)

(Khmel'nitskii, Anatolii Pavlovich, 1907-1958)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

12(2) SOV/113-59-4-8/19

AUTHORS: Morozov, B.I., Candidate of Technical Sciences; Plechin, I.K., Candidate of Technical Sciences; Khachaturov, A.A., Doctor of Technical Sciences; Shef, A.L., Candidate of Technical Sciences

TITLE: The Calculation of an Elastic Coupling Element By Means of an Electric Model

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 4, pp 18-21 (USSR)

ABSTRACT: The suitability of an automobile for pulling a trailer depends to a great extent on the correct selection of the elastic element parameters of the coupling. The elastic element has the purpose of eliminating impacts on the coupling. Since the existing methods of calculating such elastic elements do not consider all factors influencing the work of the coupling, the authors suggest using an electrical model. The application of the electrical model for solving problems of the motion of mechanical systems is based on the fact than an electrical process takes place in the model which is analogous to the mechanical process at the coupling. Measuring the electrical magnitudes (current, voltage, etc), information

Card 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

The Calculation of an Elastic Coupling Element By Means of an Electric Model

on mechanical magnitudes (force, speed, etc) may be obtained. on the dynamic system under investigation. This means that the dynamic system is replaced by an equivalent electrical one. Figure 3 shows an electric equivalent of a dynamic system. In addition, the author describes, the sequence of operations for performing such an investigation. There are 1 circuit diagram, 1 diagram, 1 block diagram, 3 graphs and 6 Soviet references.

ASSOCIATION: NAMI, Moskovskiy avtomobil'no-dorozhnyy institut (Moscow Automobile and Highway Institute).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.A., kand.tekhn.nauk

Currents and electromagnetic moments originating in generators in nonsynchromous phase-by-phase switching-in. Trudy VNIIE no.8: 217-232 '59. (MIRA 13:9)

(Electric generators)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.A., kand. tekhn. nauk; SYROMYATNIKOV, I.A., doktor tekhn. nauk, prof., red.

[Use of electric generators; wider uses of nonsynchronous automatic reclosing] Ekspluatatsiia generatorov; rasshirenie oblasti primeneniia nesinkhronnogo APV. Lektsiia 2 dlia studentov elektroenergeticheskogo fakul'teta i slushatelei fakul'teta usovershenstvovaniia inzhenerov. Moskva, Vses.zaochnyi energ.in-t, 1961. 28 p. (MIRA 15:6)
(Electric power distribution) (Electric protection)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

ANDREYEV, B.V.; ARTEM'YEV, S.P.; ARKHANGEL'SKIY, V.M; AFANAS'YEV, L.L.; BABKOV, V.F.; BRONSHTEYN, L.A.; BURKOV, M.S.; BURYANOV, V.A..; VARSHAVSKIY, I.L.; VELIKANOV, D.P.; VOINOV, A.N.; VYRUBOV, D.N.; DORMIDONTOV, A.V.; D'YACHKOV, A.K.; YEFREMOV, V.V.; ZHABIN, V.M.; ZELENKOV, G.I.; KALABUKHOV, F.V.; KALISH, G.G.; KRAMARENKO, G.V.; KRASIKOV, S.M.; LAKHTIN, Yu.M.; MIKULIN, A.A.; ORLIN, A.S.; OSTROVSKIY, N.B.; OSTROVTSOV, A.N.; RUBETS, D.A.; STEPANOV, Yu.A.; STECHKIN, B.S.; KHACHATUROV, A.A.; KHOVAKH, M.S.; CHAROMSKIY, A.D.; SHARAPOV, K.A.

Nikolai Romanovich Briling; obituary. Avt.transp. 39 no.4:57 Ap '61. (MIRA 14:5)
(Briling, Nikolai Romanovich, 1876-1961)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 17995-63 BDS

ACCESSION NR: AP3004221 S/0105/63/000/007/0029/0033

AUTHOR: Glagoleva, N. B. (Engineer); Gorbunova, L. M. (Engineer); Portnoy, M. G. (Candidate of technical sciences); Khachaturov, A. A. (Candidate of technical sciences)

TITLE: Asynchronous characteristics of synchronous generators

SOURCE: Elektrichestvo, no. 7, 1963, 29-33

TOPIC TAGS: synchronous generator

ABSTRACT: For calculating asynchronous conditions and for resynchronization of generators in power systems, it is necessary to know the synchronous machine parameters as functions of slip within 0.001-0.1. The article suggests a simple method of experimental determination of asynchronous characteristics of steam- and hydro-turbine generators and describes a few actual measurements. The generator is disconnected and demagnetized; then, an a-c voltage

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 17995-63
ACCESSION NR: AP3004221

from a separate source is applied to the stator while the rotor is driven at various rpm's. Stator current, voltage, and active power are recorded by an oscillograph. From this data, the electromagnetic torque and direct-axis and quadrature-axis impedances vs. slip can be calculated (formulas supplied). A type T-2-50-2, 50-Mw, steam-turbine generator, an ASEA 3.4-Mw, salient-pole hydro-, a VG-500/9500 7.4-Mw hydro-, and a VGS-700/100-48 21-Mw hydro-turbine generators were tested. Detailed data is tabulated. G. A. Bakunts, A. P. Germanov, L. M. Zisman, P. I. Lapchenko, and Yu. G. Fokina took part in the tests. The method is recommended for testing prototypes at generator-manufacturing plants. Its drawbacks are: (a) inapplicability in the case of hydroelectric generators without amortisseur windings and (b) neglectance of machine saturation. Orig. art. has: 6 figures, 16 formulas and 1 table.

ASSOCIATION: Vsesoyuzny*y nauchno-issledovatel'skiy institut elektroenergetiki, Moscow (All-Union Scientific Research Institute of Electrical Power Engineering)

SUBMITTED: 07Mar62 DATE ACQ: 08Aug63 ENCL: 00

SUB CODE: EE NO REF SOV: 003 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

AFANAS'YEV, V.L.; KHACHATUROV, A.A.

Recording of the microprofile of highways and its statistical characteristics. Avt. dor. 27 no.9:11-12 S '64.
(MIRA 17:11)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

PCHELIN, I.K., kand. tekhn. nauk; KHACHATUROV, A.A., doktor tekhn. nauk

Equations of kinematic relations of a wheel and an elastic tire and the investigation of its rolling at a variable angle of tilt. Avt. prom. 30 no.12:12-15 D '64. (MIRA 18:2)

1. Moskovskiy avtomobil'no-dorozhnyy institut.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

MAMIKONYANTS, L.G., doktor tekhn. nauk; KHACHATUROV, A.A., kand. tekhn. nauk

Conditions governing the use of nonsynchronous cutting-in in electric power systems. Elektrichestvo no.1:14-17 Ja '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektroenergetiki.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

PCHELIN, I.K., kand.tekhn.nauk; [illegible], [illegible] tekhn.nauk

Nonlinear vibrations of a motor vehicle moving on a road with a natural microprofile. Avt.prom. 31 no.5:17-19 My '65.
(MIRA 18:5)

1. Moskovskiy avtomobil'no-dorozhnyy institut.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

GUREVICH, Yu.Ye., inzh.; KHACHATUROV, A.A., kand. tekhn. nauk

Study of the operational stability of synchronous motors with asynchronous system operation. Elektrichestvo no.3:35-41 Mr '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektroenergetiki.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

BURKSDORF, V.V.; GORTINSKIY, S.M.; DROZDOV, N.G.; KULAKOVSKIY, V.B.; LINDORF, L.F.; MEL'NIKOV, N.A.; PETROV, I.I.; PORTNOY, M.K.; SYROMYATNIKOV, I.A.; FEDOSEYEV, A.M.; KHACHATUROV, A.A.; EL'KIND, Yu.M.

Lev Grazdanovich Mamikoniants; on his 50th birthday and the 30th anniversary of his scientific and practical work. Elektrichestvo no.5:90 My '65. (MIRA 18:6)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

TER-ZAKHARYAN, Yu.Z.; KHACHATRYAN, A.A.

Absorption and distribution of nalecin in the organism of experimental animals. Izv. AN Arm. SSR. Biol. nauki 18 no.8:50-55 Ag '65. (MIRA 18:9)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

PCHELIN, I.K.; KHACHATUROV, A.A.

Determining dynamic loads of motor vehicles on the road. Avt.dor. 28 no.6:15-17 Je '65. (MIRA 18:8)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

MAMIKONYANTS, L.G., doktor tekhn. nauk; PORTNOY, M.G., kand. tekhn. nauk; KHACHATUROV, A.A., kand. tekhn. nauk

Generalization on practices of using asynchronous modes of operation in electric power systems. Elektrichestvo no.6:1-5 Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektroenergetiki.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

MAMIKONYANTS, L.G., doktor tekhn.nauk, prof.; KHACHATUROV, A.A., kand. tekhn.nauk

Authors' reply. Elektrichestvo no.12:78-79 D '65.
(MIRA 18:12)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 22157-66
ACC NR: AP6012997 SOURCE CODE: UR/0105/65/000/006/0001/0005

AUTHOR: Mamikonyants, L. G. (Doctor of technical sciences); Portnoy, M. G. (Candidate of technical sciences); Khachaturov, A. A. (Candidate of technical sciences)

ORG: VNIIE

TITLE: Generalization of the results of experimental application of asynchronous operating conditions to power systems

SOURCE: Elektrichestvo, no. 6, 1965, 1-5

TOPIC TAGS: hydroelectric power plant, turbine, electric switch

ABSTRACT: Over the past 15 years brief asynchronous operating conditions have been often used for the increase in stability and reliability of power systems. It is of importance for the further development of the theory and practice of asynchronous operation to survey and generalize the results of experiences with such types of operation. Consequently, asynchronous operating conditions affecting entire power systems or their separate parts are being discussed. The results of the study of a large body of data shows that 1) turbogenerators with indirect cooling of windings may work without excitation through 30 min intervals without signs of damage; 2) in hydrogenerators excitationless work leads to significant overloading and, consequently, hydroelectric plants should contain protective devices separating the generator in question from the

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UDC: 621.31

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 22157-66
ACC NR: AP6012997

general network; 3) although the devices for repeated switching with self-synchronization are effective in establishing parallel operation, they are only seldom installed because of their relative complexity; 4) nonsynchronous repeated switching devices are, on the other hand, simple setups for fast re-establishment of synchronization; in 80% of the switching there occurs resynchronization; in only 1% of cases there appeared a prolonged asynchronous situation; 5) some resynchronizations failed to materialize only because of related network interruptions caused by incorrect operation of protecting devices or of the plant personnel; and 6) greatest damage was reported in instability cases involving small power-deficient systems connected to large power networks. The article concludes with a list of problems deserving further attention. Orig. art. has: 5 tables. [JPRS]

SUB CODE: 10, 09 / SUBM DATE: none / ORIG REF: 003

Card 2/2 dda

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 11051-66

ACC NR: AP6004792 SOURCE CODE: UR/0105/65/000/005/0090/0090

AUTHOR: Burgsdorf, V. V.; Gortinskiy, S. M.; Drozdov, N. G.; Kulakovskiy, V. B.; Lindorf, L. S.; Mel'nikov, N. A.; Petrov, I. I.; Portnoy, M. K.; Syromyatnikov, I. A.; Fedoseyev, A. M.; Khachaturov, A. A.; El'kind, Yu. M.

ORG: none

TITLE: Doctor of engineering sciences, Professor L. G. Mamikonyants

SOURCE: Elektrichestvo, no. 5, 1965, 90

TOPIC TAGS: electric engineering personnel, electric engineering

ABSTRACT: The article was written in honor of Lev Grazdanovich Mamikonyants on the occasion of his 50th birthday and upon his completion of 30 years of scientific and industrial activity. He graduated from the Azerbaydzhan Industrial Institute in 1938, whereupon he worked at the Central Industrial Research Laboratory of Azenergo first as Electrical Engineer and then as Chief Engineer. His scientific activity begun during the student years at the university laboratories for electrical machinery and high-voltage techniques. From 1941 to 1945 he served in the Soviet Army and became a member of the Communist Party in 1942. Since 1945 he has been working with the VNIIE (All-Soviet Scientific-Research Institute of Electric Power) at the State Industrial Commission on Power and Electrification of the USSR, in charge of the Electrical Machinery Laboratory now and also as head of the Department of Electrical Machinery, Insulation and Automation. Since 1953 he has also been the Vice-Director of the Institute of Scientific Affairs. He received the degree of Doctor of

Card 1/2 UDC: 621.331

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 3051-66

ACC NR: AP6001792

4

Engineering Sciences in 1959 and was appointed Professor in 1961. Much theoretical and practical work has been done under his leadership at the Electrical Machinery Laboratory which he helped to set up. Problems concerning the theory of synchronous machines leading to their improved operation were worked out here (asynchronous condition after loss of excitation, simplified method of compensator starting, self-synchronization of generators, etc.). L. G. Mamikonyants is also active in scientific research coordinating committees on power and electrification in the USSR. He sits also on the Committee for the Determination of Electrical Equipment Parameters and on the Joint Scientific Council of the Moscow Power Institute. Furthermore, he is on the editorial board of Elektrichestvo. During his entire career he has published about 60 works, many of them resulting from basic research. At the Moscow Power Institute he taught a course on "Special Problems in Electric Power Stations" from 1952 to 1954 and on "Testing of Synchronous Machines" from 1953 to 1954. The texts of his lectures were printed in the form of a compendium. He is very effective in training the young generation of students and assisting them in earning their degrees. L. G. Mamikonyants participates in the activities of the VNIIE both as recruiter and as lecturer. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 40336-66

ACC NR: AP6017626 (A) SOURCE CODE: UR/0113/66/000/002/0023/0027

AUTHOR: Afanas'yev, V. L.; Khachaturov, A. A. (Doctor of technical sciences) 33

ORG: Moscow Automobile and Highway Institute (Moskovskiy avtomobil'no-dorozhnyy institut) 32 B

TITLE: Statistical characteristics of road surface irregularities and automobile vibration

SOURCE: Avtomobil'naya promyshlennost', no. 2, 1966, 23-27

TOPIC TAGS: surface roughness, statistic analysis, vibration, spectrum, vehicle suspension system, road

ABSTRACT: The electrical analog method is used to derive formulas for the statistical characteristics of road surface irregularities and automobile vibrations. A diagram is given showing the distribution functions for road surface irregularities which are recorded at a speed of 40 km/hr and in the case of dirt roads at 20 km/hr. It is suggested that the distribution of road surface irregularities is nearly normal. The experimental data prove this. The mean square height of the road surface irregularities is given for various roads. The function $S_q(\omega)$ is given for the spectral density of dispersion in the effect which road surface irregularities have on the automobile. This function shows the distribution of dispersion density in a given frequency range.

Card 1/2

UDC 629.113.001.5

L 40336-66

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

ACC NR: AP6017626

1

A spectral analyzer with filters is used to determine the points of the spectral density function. A formula is given for determining dispersion within the given frequency band. The statistical characteristics of vertical vibrations of a truck are considered. Error is estimated for spectrial density of dispersion in this case. A statistical study of the interaction between automobile and road may be used to evaluate automolibe suspensions and road surface smoothness. Orig. art. has: 8 figures, 1 table, 6 formulas. 17

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 001

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

SEID-RZA, M.K.; SHERSTNEV, N.M.; YADULLAYEV, N.N.; KHACHATUROV, A.A.

Effect of the magnetization of a drilling tool on the occurrence of complications. Burenie no.11:12-14 '64.

(MIRA 18:5)

1. AzNIIburneft'.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.

KHACHATUROV, A., inzhener.

Thermal processes in the freezing of fish in an air stream.
Khol.tekh. 34 no.3:66-71 Jl-S '57. (MIRA 10:10)
(Fish, Frozen)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHATCHATUROV, A. B.

Khatchaturov, A. B. and Romanov, M. N. (Scientific Research Institute of the Refrigerating Industry of the USSR, Moscow): "Conveyer Apparatus with High Speed Air Circulation for the Quick Freezing of Fish" /French - 6 pages/

report presented at the International Inst. of Refrigeration (IIR), Annual Meeting of Commissions 3,4, and 5, Moscow, 3-6 Sep 1958

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A., inzh.; POPOV, M., inzh.

Automatic unit for the manufacture of ice cream sandwiches [with summary in English]. Khol. tekh. 35 no.1:9-13 Ja-F '58. (MIRA 11:2)
(Ice cream industry--Equipment and supplies)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A. B.

"Evaporation of Moisture from Products during Freezing in an Air Blast."

Rep rt submitted for the 10th Intl. Refrigeration Congress, Copenhagen, 19 August - 2 September 1959.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

Khachaturov, A.

PHASE I BOOK EXPLOITATION SOV/3747

International Congress of Refrigeration. Moscow, 1953

Sbornik dokladov ot SSSR (Collected Soviet Reports) Moscow, Gostorgizdat, 1959. 214 p. Errata slip inserted. 2,000 copies printed.

Ed. (Title page): Sh. N. Kobulashvili; Ed. (Inside book): N. V. Chichkov; Tech. Ed.: V. V. Babisheva.

PURPOSE: This collection of articles is intended for those interested in the problems of food refrigeration.

COVERAGE: The collection contains 26 reports which were submitted at the meeting of the 3rd, 4th, and 5th Committees of the International Institute of Refrigeration. The meeting was held in Moscow, September 3-6, 1953, and was attended by 265 Soviet specialists and 115 representatives from other countries. The 73 reports discussed at this meeting cover such broad areas as the automation of the cooling of refrigerating installations, the use of finned-tube type refrigerating devices, fast-freezing food freezers, the theory and technique of rapid cooling and freezing of meat and fish, the use of antibiotics in the cold storage of food, and the operation of refrigerators and cooling systems. A complete account of the proceedings of this meeting was published by the International Institute of Refrigeration in 1959. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

Golovkin, N., N. Alyamovskiy, L. Perahina, and O. Shagan [Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti, Kafedra kholodil'noy tekhnologii (Leningrad Technological Institute of the Refrigeration Industry, Department of Refrigeration Technology)]. Mechanical Chemistry of Muscular Tissue in the Refrigeration of Meat and Fish 112

Dobrova, G. B., Yu. A. Ravich-Shcherbo, Ye. A. Gretsyagara, and A. Ya. Onikiyenko [Nauchno-issledovatel'skiy institut mekhanizatsii rybnoy promyshlennosti (Scientific Research Institute for Mechanization of the Fishing Industry)]. The Use of Tetrachlorocycline for Preserving Fresh Fish 119

Novotel'nov, N. V., and E. R. Stavrova [Leningrad Technological Institute of the Refrigeration Industry]. Antibiotic and Anti-oxidizing Properties of the C + P Vitamin Complex 124

Reshova, G. L., and G. Ya. Pak [All-Union Scientific Research Institute of the Refrigeration Industry imeni A. I. Mikoyan]. Temperature Dependence of the Reproduction and Biochemical Activity of Psychrophyl Bacteria Within the Range of Temperatures Required for the Cold Storage of Food Products 130

Pisarev, A. I. [All-Union Scientific Research Institute of the Refrigeration Industry imeni A. I. Mikoyan]. The Effect of the Preliminary Conservation of Fish on Histological Structure and Hydrophylic Properties During Refrigeration 140

Rystov, D. G. [All-Union Scientific Research Institute of the Refrigeration Industry imeni A.I. Mikoyan]. Calculation of the Refrigeration Time for Food Products 147

Khachaturov, A. [All-Union Scientific Research Institute of the Refrigeration Industry imeni A. I. Mikoyan]. Thermal Processes in Fish Freezing in an Air Stream 153

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COMMITTEE NO. 5

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

Khachaturov, A. B.

PHASE I BOOK EXPLOITATION SOV/3747

International Congress of Refrigeration. Moscow, 1959

Sbornik dokladov ot SSSR (Collected Soviet Reports) Moscow, Gostorgizdat, 1959. 214 p. Errata slip inserted. 2,000 copies printed.

Ed. (Title page): Sh. N. Kobulashvili; Ed. (Inside book): N. V. Chuchkov; Tech. Ed.: V. V. Babicheva.

PURPOSE: This collection of articles is intended for those interested in the problems of food refrigeration.

COVERAGE: The collection contains 26 reports which were submitted at the meeting of the 3rd, 4th, and 5th Committees of the International Institute of Refrigeration. The meeting was held in Moscow, September 3-6, 1958, and was attended by 265 Soviet specialists and 115 representatives from other countries. The 73 reports discussed at this meeting cover such broad areas as the automation of the cooling of refrigerating installations, the use of finned-tube type refrigerating devices, fast-freezing food freezers, the theory and technique of rapid cooling and freezing of meat and fish, the use of antibiotics in the cold storage of food, and the operation of refrigerators and cooling systems. A complete account of the proceedings of this meeting was published by the International Institute of Refrigeration in 1959. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

Badylkes, I. [All-Union Scientific Research Institute of the Refrigeration Industry imeni A. I. Mikoyan]. Ammonium System With Two-Stage Compression With Steam Ejectors 169

Maksimov, P. [State Institute for the Design and Planning of Refrigerators, Dry- and Water-Ice Plants, and Ice Cream Plants]. Pumpless Ammonium System With Ammonium Supply From Bottom 176

Shteshkin, A., and Ten Hoi. [Ministerstvo stroitel'stva RSFSR (Ministry of Building, RSFSR)]. Rotary [Drum-Type] Semiautomatic Freezer for Food Products in Block and Plate Form 179

Khachaturov, A. B., and M. N. Romanov. [All-Union Scientific Research Institute of the Refrigeration Industry imeni A. I. Mikoyan]. Double-Freezing Conveyor-Type Apparatus With Intensive Air Flow for Fish Freezing 185

Kobulashvili, Sh., and A. Rotenberg [All-Union Scientific Research Institute of the Refrigeration Industry imeni A. I. Mikoyan]. Oscillation Conveyor-Type Fast-Freezing Apparatus for Freezing Food Products 195

Filimonov, M. A. [Gosudarstvennyy institut po proyektirovaniyu predpriyatiy myasnoy promyshlennosti (State Institute for the Design and Planning of the Meat Industry Establishments)]. Pump-Equipped Small-Capacity System With Overhead Ammonium Supply 204

Shaffer, A. P. [All-Union Scientific Research Institute of the Meat Industry]. [illegible] Apparatus for Freezing and Defrosting Food Products in Blocks 209

5

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.B.

Progress in domestic refrigerator production. Khol. tekh. 38 no. 1:1-4 Ja-F '61. (MIRA 14:4)

1. Glavnyy spetsialist Goskomiteta Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu.
(Refrigerators)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.B., inzh.

Standarization of compression and absorption system domestic refrigerators. Khol.tekh. 40 no.2:32-34 Mr-Ap '63. (MIRA 16:4)

1. Gosudarstvennyy komitet po avtomatizatsii i mashinostroyeniyu pri Gosplane SSSR.

(Refrigerators--Standards)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 46760-66 EWT(1)/T WR

ACC NR: AR6004330 SOURCE CODE: UR/0274/65/000/009/A038/A038

AUTHOR: Khachaturov, A. I.

REF SOURCE: Tr. uchebn. in-tov svyazi. M-vo svyazi SSSR, vyp. 21, 1964, 72-78

TITLE: Reciprocal resistance of antennas mounted on a common platform

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 9A276

TOPIC TAGS: loop antenna, antenna interference

TRANSLATION: The reciprocal resistance of symmetric horizontal antennas fixed above a semiconducting surface is considered. In calculating the mutual resistance, the field at the passive antenna is described as the result of the interference of the direct wave and the wave reflected from the surface of the earth. Comparison of the calculated and experimental values of mutual resistance shows satisfactory agreement between the data for values of R/λ from 5 to 20, where R is the distance between antennas and λ is the wavelength. The measurements were carried out on both dry and moist ground for λ=7.15 m. 2 figures, 3 references. B. P.

SUB CODE: 09/ SUBM DATE: none

UDC: 621.396.674

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 47189-66 EWT(d)/FSS-2

ACC NR: AR6020714 SOURCE CODE: UR/0274/66/000/002/A033/A033

38
B

AUTHOR: Korchov, Yu. F.; Khachaturov, A. I.

TITLE: Effect of strong interference on the input of receiving equipment

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 2A230

REF SOURCE: Tr. Uchebn. in-tov svyazi, vyp. 25, 1965, 19-26

TOPIC TAGS: signal interference, communication, ultrashort wave, frequency modulated transmitter, frequency converter

ABSTRACT: The effect of signal interference of the local frequency-modulated transmitter on the receiving channel has been investigates for combined radio reception and transmission on ultrashort waves. The relative amplification change of a converter cascade, resulting from interference, is designated as the supression coefficient. Its function depends on the errors of measuring antenna noises and on the reduction of useful time of communication in interrupted communication. Theoretical and experimental data on the permissible value of the supression coefficient are presented Orig. art. has: 3 figures. Bibliography of 2 titles. [Translation of abstract] [NT].

SUB CODE: 17

UDC: 621.391.827

Card 1/1 pb

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A I.

107-57-5-26/63

AUTHOR: Ovcharenko, E.

TITLE: Long-Distance VHF Propagation (Dal'neye rasprostraneniye UKV)

PERIODICAL: Radio, 1957, Nr 5, pp 22-23 (USSR)

ABSTRACT: Recently a conference on long-distance vhf propagation was held in Moscow; it was organized by these three organizations: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi imeni A.S. Popova (Scientific and Engineering Society of Radio-Engineering and Electrocommunication), Vsesoyuznyy nauchnyy sovet po radiofizike i radiotekhnike AN SSSR (All-Union Scientific Council for Radiophysics and Radio Engineering, AS USSR), Institut rdaiotekhniki i elektroniki AN SSSR (Institute of Radio Engineering and Electronics, AS USSR). Over 250 persons took part in the activities of the Conference; among them scientists and professors from Leningrad, Khar'kov, Gor'kiy, Odessa, Tomsk, and other cities. Fifteen reports were delivered and discussed, of which 6 were devoted to vhf tropospheric scatter propagation. Professor A.G. Arenberg, Doctor of Technical Sciences, opened the Conference. A brief outline of today's investigations and uses of tropospheric propagation is presented in the article. Professor A.N. Kazantsev delivered a report on the "Diffused Propagation of Meter Radio Waves in the Ionosphere" in which he briefly reviewed the materials of the Eighth Plenary Conference of the International Consultative Committee for Radio (Warsaw, September 1956). American and Canadian commercial scatter-propagation communication lines were mentioned.

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Long-Distance VHF Propagation

Kazantsev noted that the USSR is lagging in the matter of scatter propagation. V.A. Bubnov reported the results of the recording of levels of the Khar'kov tv station at various distances and also the experiments of twin reception of 67.6/71.1 and 77.25/83.75 mc between Khar'kov and Izyum. A.I. Khachaturov reported preliminary results of a trans-horizon scatter reception Moscow-Odessa and Leningrad-Odessa observed in May to September 1955. A type IP-14 noise meter and a four-element Yagi antenna with a loop radiator were used. S.K. Sotnikov, a radio amateur, reported his experiments of tv dxing during the summer of 1956. His results are described in Radio, 1956, Nr 12 and in 107-57-5-28/63. M.V. Boyenkov in his report "About a Long-Distance Ionospheric Propagation of VHF" examined the peculiarities of propagation of 6 to 10-m waves over distances of a few thousand kilometers. Monthly predictions of vhf communication conditions for various routes from 1,600 to 14,500 km are published in the USSR. D.M. Vysokovskiy dealt with theoretical and mathematical problems in his report "Some Problems of the Theory of VHF Diffuse Propagation in the Troposphere". Also these theoretical reports were delivered: "Diffusion of Radio Waves in the Ionosphere and Long-Distance Propagation of VHF" by Ya. L. Al'pert; "Turbulent Intermixing and Diffusion of Radio Waves in the Ionosphere" by B. N. Gershman; "An Altitude-Wise Study of the Multiple Structure of Ionospheric Stratum With a

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107-57-5-26/63

Long-Distance VHF Propagation

Frequency-Separated Reception" by S. F. Mirkotan; "On the Methods of Calculation of Radio-Wave Diffusion on Random Inhomogeneities" by V.A. Zverev.

The Conference found necessary to organize broad theoretical and experimental investigations of vhf scatter propagation in 1957-1960. Steps toward this end are listed in the article.

There are two Soviet references.

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Card 3/3

Special interest was caused by the lecture delivered by A.I.KHACHATUROV on "The problem of the stability of reception for retranslation in aircraft". A.A.RIZKIN spoke about "Generalized equivalent schemes and generalized amplifier cascades."

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 1/1

Khachaturov, A. O.--"On the painless reflector-tonic [illegible] in [illegible]-sacral area disorders," Sbornik nauch. rabot, posvyashch. 70--letiyu prof. Serpa, Moscow, 1948, p. 16[illegible]-67

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

BAZHENOV, N.M.; VOL'KENSHTEYN, M.V.; KOL'TSOV, A.I.; KHACHATUROV, A.S.

Investigating polymers by the method of nuclear magnetic resonance. Part 1. Vysokom.soed. 1 no.7:1048-1055 Jl '59. (MIRA 12:11)

1. Institut vysokomolekulayrnkh soyedineniy AN SSSR.
(Polymers)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

BAZHENOV, N.M.; VOL'KENSHTEYN, M.V.; KOL'TSOV, A.I.; KHACHATUROV, A.S.

Nuclear magnetic resonance study of polymers. Part 1: Temperature dependence of molecular mobility in different stereoisomeric forms of poly(methyl methacrylate). Vysokom. soed. 3 no.2:290-291 F '61. (MIRA 14:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Methacrylic acid)
(Nuclear magnetic resonance)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

S/190/63/005/003/019/024
B101/B203

AUTHORS: Abdrashitov, R. A., Bazhenov, V. M., Vol'kenshteyn, M. V., Kol'tsov, A. I., Khachaturov, A. S.

TITLE: Study of polymers by nuclear magnetic resonance. III. Mobility of polyhalogen styrene macromolecules

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 5, no. 3, 1963, 405-411

TEXT: The temperature dependence of the width and of the second moments of the nmr absorption bands of fluorine and hydrogen nuclei was studied in poly-2-fluoro-5-methyl styrene at 20-125°C. The curves $\Delta H_F(T)$ and $\Delta\overline{H_F^2}(T)$ showed distinct transitions at 85 and 115°C, the curves $\Delta H_H(T)$ and $\Delta\overline{H_F^2}(T)$ showed only one indistinct transition at 110°C. The experimental values at 20-80°C are: $\Delta H_F = 5.8\pm0.3$ gauss; $\Delta\overline{H_F^2} = 5.0\pm0.3$ gauss^2; $\Delta H_H = 8.2\pm0.3$ gauss; $\Delta\overline{H_H^2} = 15.2\pm0.6$ gauss^2; and at 90-110°C, $\Delta H_F = 5.3\pm0.3$ gauss; $\Delta\overline{H_F^2}$

Card 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

Study of polymers by nuclear...

$= 3.6 \pm 0.3$ gauss^2. A comparison of the experimental values for $\overline{\Delta H_F^2}$ with the values calculated according to J. H. Van Vleck (Phys. Rev., 74, 1168, 1948) suggests a flat syndiotactic chain as the most probable configuration of the polymer. The transition point at 85°C is caused by torsional oscillations. The observed decrease of $\overline{\Delta H_F^2}$ can be explained by cooperative synphase torsional oscillations; this is also most probable for steric reasons. The transition point at 115°C is caused by softening. The decrease of $\overline{\Delta H_H^2}$ with increasing temperature is due to another form of intramolecular motion which does not affect $\overline{\Delta H_F^2}$. There are 4 figures and 1 table.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR (Institute of High-molecular Compounds AS USSR)

SUBMITTED: September 20, 1961

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

BAZHENOV, N.M.; VOL'KENSHTEYN, M.V.; KHACHATUROV, A.S.

Study of polymers by the nuclear magnetic resonance method. Part 4: Stereospecific methyl acrylate and butyl acrylate polymers. Vysokom.soed. 5 no.7:1025-1029 Jl '63. (MIRA 16:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Acrylic acid) (Polymers--Spectra)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.S.; BAZHENOV, N.M. [deceased]; NAUMOVA, S.F.; TSYKALO, L.G.; YEROFEYEV, B.V.

Nuclear magnetic resonance spectra and structure of oligomers of 1,3-cyclohexadiene. Dokl. AN BSSR 7 no.7:459-463 Jl '63. (MIRA 16:10)

1. Institut fiziko-organicheskoy khimii AN BSSR i Institut vysokomolekulyarnykh soyedineniy AN SSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

GLADKOVSKIY, G.A.; SKOROKHODOV, S.S.; SLYVINA, S.G.; KHACHATUROV, A.S.

Synthesis and properties of vinyltropylium perchlorate. Izv. AN SSSR. Ser.khim. no.7:1273-1277 Jl '63. (MIRA 16:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Tropylium compounds)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

VOL'KENSHTEYN, M.V.; KOL'TSOV, A.I.; KHACHATUROV, A.S.

Molecular motion in poly-2,5-difluorostyrene as determined by nuclear magnetic resonance. Vysokom. soed. 7 no.2:296-298 F '65. (MIRA 18:3)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

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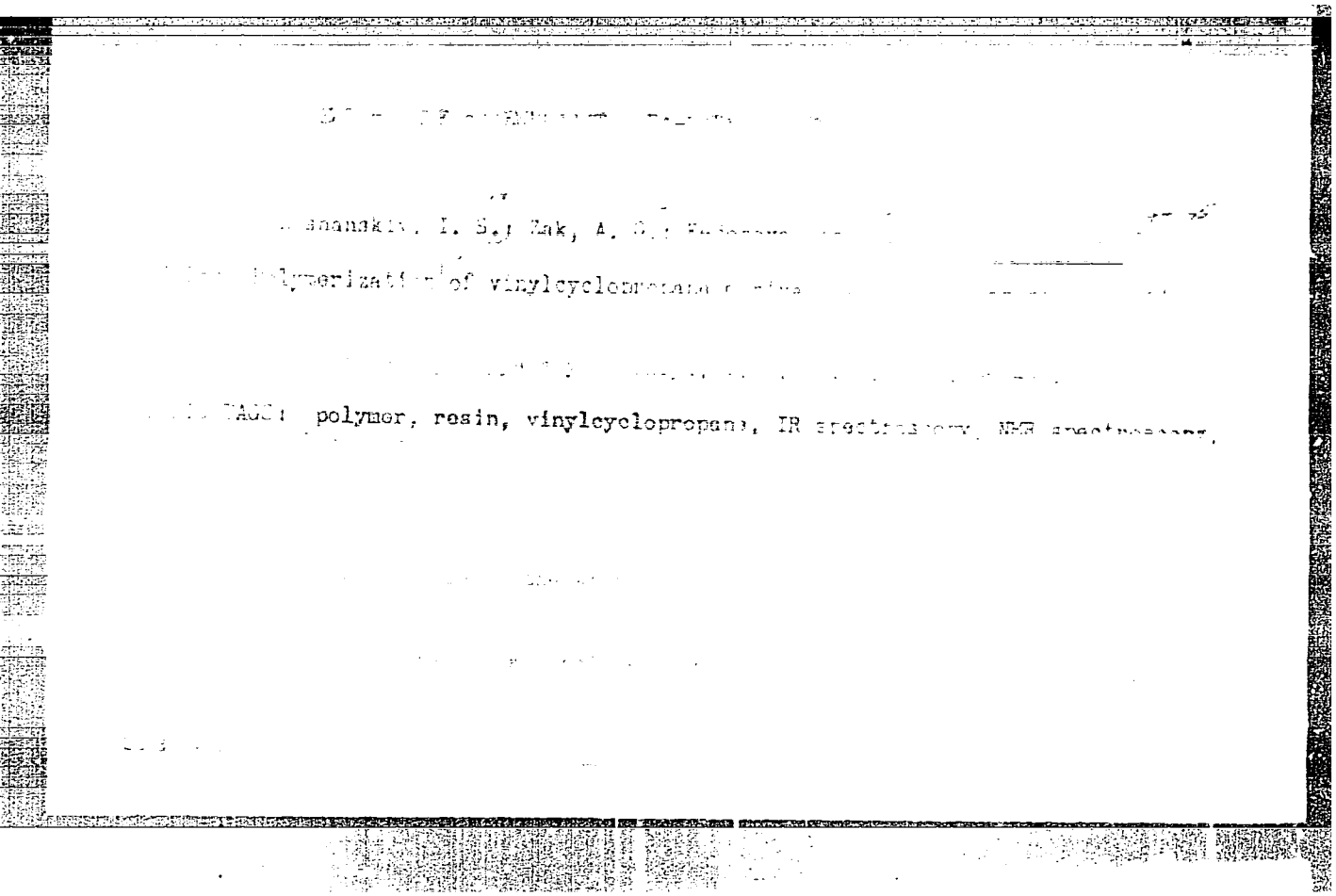

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ACCESSION NR: AP5016499

Card 2/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

L 11778-66 EWT(1)/EWT(m)/EWP(j)/EWA(c) IJP(c)/RPL WW/GG/RM

ACC NR: AP6001091 SOURCE CODE: UR/0138/65/000/012/0006/0010

AUTHOR: Khachaturov, A. S.; Vol'kenshteyn, M. V.; Dolgopol'skiy, I. M.; Kol'tsov, A. I.; Bazhenov, N.M. (Deceased)

ORG: Institute of High Molecular Compounds, AN SSSR, Leningrad (Institut vysokomolekulyarnykh soyedineniy AN SSSR)

TITLE: Nuclear magnetic resonance study of fluorinated rubbers

SOURCE: Kauchuk i rezina, no. 12, 1965, 6-10

TOPIC TAGS: nuclear magnetic resonance, synthetic rubber, spectrum analysis, elastomer, fluorinated organic compound

ABSTRACT: Two samples of fluorinated rubberlike elastomers were studied by means of NMR: polyperfluoromethoxyperfluoropropyl acrylate (PFMPA)

$$\left[\begin{array}{l} -CH_2-CH- \\ \quad\quad | \\ \quad CO-O-CH_2-CF_2-CF_2-O-CF_3 \end{array}\right]_n$$

and polyperfluorobutyl acrylate (PFBA)

$$\left[\begin{array}{l} -CH_2-CH- \\ \quad\quad | \\ \quad CO-O-CH_2-CF_2-CF_2-CF_3 \end{array}\right]_n$$

The temperature of the experiments ranged from 20C to the liquid nitrogen temperature. To analyze the temperature dependence of the width of partially superimposed absorption lines, a method was proposed and used in which the width of the spectral

UDC: 678.743.31-134.341:541.6

Card 1/2

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L 11778-66

ACC NR: AP6001091

lines was determined from the contour of their outer shoulders. In PFMPA, the fluorine-containing groups separated by an oxygen atom have a much greater mobility than the corresponding groups in PFBA at the same temperatures. Experimental values of the second moments were determined for fluorine and hydrogen nuclei in the temperature range from -50 to -200C for both rubbers. Theoretical values of the second moments were calculated for rubbers in the hard, nonelastic state. It was shown by comparison that only the terminal CF_3-O- group retains its capacity to move at -180C. Orig. art. has: 4 figures.

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 012

HW

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, A.S.

Properties of high-molecular weight compounds studied by the nuclear magnetic resonance method; a survey. Zav. lab. 31 no.8: 948-956 '65. (MIRA 18:9)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

S/0020/64/154/006/1389/1392

ACCESSION NR: AP4019976

AUTHOR: Nefedov, O. M.; Kolesnikov, S. P.; Khachaturov, A. S.; Petrov, A. D. (Deceased, Corresponding member)

TITLE: Properties of 1,1-dichloro- and 1,1-dimethylgermane cyclopentenes-3

SOURCE: AN SSSR. Doklady*, v. 154, no. 6, 1964, 1389-1392

TOPIC TAGS: 1comma1 dichlorogermanecyclopentene, 1comma 1 dimethylgermanecyclopentene 3, trichloro germane, 1comma1 dichloro-1-germanecyclopentene-3, 1comma1 dimethyl 1 germanecyclopentene 3, germanium compound, germanium

ABSTRACT: During the reaction of an excess of divinyl with $HGeCl_3$ at a temperature interval of -80 to 50C, higher molecular germanium organic compounds are formed together with the compounds $CH_3CH{=}CHCH_2GeCl_3$ (I) and 1,1-dichloro-1-germane cyclopentene-3 (II). A dimeric was separated (yield 5%) which corresponded more closely to the structure $H(-CH_2CH{=}CHCH_2GeCl_2-)_2CL$ (III) and also separated were liquid and solid polymers (weight relation 10:1), made up mostly of the monomer units $-CH_2CH{=}CHCH_2GeCl_2-$ (total yield 15-30%, molecular weight > 1500). The catalytic dehydrogenation of 1,1-dimethyl-1-germane cyclopentene-3 (IV) was also

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ACCESSION NR: AP4019976

studied. This unsaturated heterocycle dehydrates more easily and more fully than the substituted cyla-and germane cyclopentanes. Thus, at 450C over $Al_2O_3.Cr_2O_3.K_2O$(84:14:2) or at 350-400C over 10% Pt/C, the conversion of (IV) is 60% with H_2 content in the gaseous dehydrogenation products from 96-98%, whereas the 1,1-dimenthylgermane cyclopentane does not change in these conditions. However, 1,1-dimethylgermane cyclopentadiene-2,4 in pure form was not separated from the dehydrogenate because of its extreme tendency to condense. The structure of dimers and polymers developing from (II) and (IV) or directly from divinyl and $HGeCl_3$, like compounds of the general form $X(-CH_2CH{=}CHCH_2GeR_2-)Y$ (R = Cl or CH_3, X and Y = H and Cl or CH_3) is shown by a significant similarity of proton spectra to a spectra of corresponding monomer heterocycles (II) and (IV). The presence of three basic types of protons in these compounds which correspond to the monomer unit $CH_2CH{=}CHCH_2Ge(CH_3)_2$ (τ 9.83-9.9; duplicate 8.47-8.49 and 8.30-8.36; 4.72-4.75 m.d.) is indicated. Orig. art. has: 2 figs.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskovo Akademii nauk SSSR (Institute of Organic Chemistry, Academy of Sciences SSSR)

Card 2/3

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

NEFEDOV, O.M.; SHIRYAYEV, V.I.; KHACHATUROV, A.S.

Arylcarbenes from lithium aryls and methylene chloride.
Zhur. ob. khim. 35 no.3:509-520 Mr '65.
(MIRA 18:4)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, E.

AID P - 1648

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 7/19

Author : Khachaturov, E.

Title : The speed of the leader and of the follower in a turn

Periodical : Kryl. rod., 3, 7, Mr 1955

Abstract : The following problem often faced by sport pilots is discussed: What speed should the leader maintain to make it possible for the follower to keep the proper position in the formation. An analytical explanation and practical advice are given.

Institution: None

Submitted : No date

KHACHATUROV, G.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

Basic problems in the economy of railroad transportation. p. 3.

Vol. 7, No. 8. 1955. TRANSPORTNO DELO. Sofiya, Bulgaria.

SOURCE: East European Accessions List (EEAL) Library of Congress. Vol. 5, No. 1, January, 1956.

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, G.

Improve the organization of supply. Stroi. truboprov. 9 no.3:33-34 Mr '64. (MIRA 18:2)

1. Trest Yuzhgazprovodstroy, Rostov-na-Donu.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

ACC NR: AP6029996 SOURCE CODE: UR/0413/66/000/015/0197/0197

INVENTORS: Dobrovol'skiy, P. I.; Khachaturov, G. A.; Kats, Ya. I.; Feygina, Ts. V.

ORG: none

TITLE: A device for stopping an airplane after landing. Class 62, No. 184154

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 197

TOPIC TAGS: aircraft landing system, airfield auxiliary equipment

ABSTRACT: This Author Certificate presents a device for stopping an airplane after its landing on a runway. The device includes a cable system consisting of braking parts and a receiving part of the cable with cable holders, two braking drums with frictional disk brakes and with conical clutches, a regulator for winding and stretching the braking cable, and pneumo(hydro)electrical systems for directing the work of the device. To lower the dynamic loads at the moment of contact of the airplane and the receiving cable, the device is provided with block-and-tackle absorbers. The casings of these absorbers contain rigidly fixed blocks and movable block carriers tied to the casing with elastic bands.

SUB CODE: 13/ SUBM DATE: 17Aug64

UDC: 629.139

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

KHACHATUROV, G.Kh.

Lithologic and facies changes in reservoir rocks (in the thickness of the whole series and of sand layers of granulometric composition) in southwestern Apsheron deposits and their connection with oil potential. Izv.AN Azerb.SSR. Ser.geol.-geog.nauk no.2:67-80 '58. (MIRA 11:12)

(Apsheron Peninsula--Petroleum geology)

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, G.Kh.

Change in the thickness of sand reservoir rocks of a producing formation in the southwestern part of the Apsheron Peninsula and its relation to oil potential. Azerb. neft. khoz. 37 no.1:7-9 Ja '58. (MIRA 11:6)

(Apsheron Peninsula--Petroleum geology)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

TOPCHIYEV, A.V., akademik, glavnyy redaktor; TRAPEZNIKOV, V.A., otvetstvennyy redaktor; LIBENSON, D.Ya., redaktor; STRAKHOVA, L.P., redaktor; SHVAB, A.F., redaktor; KHACHATUROV, G.S., redaktor; ASTAF'YEVA, G.A., tekhnicheskiy redaktor

[Session of the U.S.S.R. Academy of Sciences on the scientific problems of automatization of production, October 15-20, 1956; plenary meeting] Sessiia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proizvodstva, 15-20 oktiabria 1956 g.; plenarnye zasedaniia. Moskva, 1957. 271 p. (MLRA 10:3)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent Akademii nauk SSSR (for Trapeznikov)
(Automatic control) (Information theory)
(Electronic calculation machines)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, I.B., brigadir montazhnikov

Promoting labor safety for assembly mechanics. Bezop. truda v prom. 3 no.11:30-31 N '59. (MIRA 13:3)

1.Novorossiyskoye upravleniye tresta Yuzhtekhmontazh.
(Machine-shop practice--Safety measures)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Khristofor Georgiyevich; LYNDIN, Nikolay Ivanovich; SEMENOV Yuriy Aleksandrovich; BASOK, Semen Izrailevich; FAVORSKIY, V.Ye., red.; ALABYSHEVA, N.A., red.izd-va; GVIRTS, V.L., tekhn. red.

[Practices of the "Avtoarmatura" Plant in the bending of contacts and the efficient organization of die storage] Opyt zavoda "Avtoarmatura" po gibke kontaktov i ratsional'noi organizatsii khraneniia shtampov. Leningrad, 1963. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Goriachaia i kholodnaia obrabotka metallov davleniem, no.7) (MIRA 17:3)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, M., nauchnyy sotrudnik

Index of planning the wide use of chemistry. Plan. khoz. 41 no.1:75-77 Ja'64. (MIRA 17:2)

1. Institut ekonomiki AN ArmSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, M., starshiy nauchnyy sotrudnik

Synthesis gas and its utilization in the chemical industry of Armenia. Prom.Arm. 4 no.11:13-14 N '61. (MIRA 15:1)

1. Institut ekonomiki AN Armyanskoy SSR.
(Armenia—Water gas)
(Synthetic products)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, M.

Some problems in the utilization of synthesis gas. Prom.Arm. 5 no.1:25-29 Ja '62. (MIRA 15:2)

1. Institut ekonomiki AN Armyanskoy SSR.
(Armenia--Water gas)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

S/081/62/000/018/036/059
B166/B180

AUTHOR: Khachaturov, M.

TITLE: Some questions on the use of synthetic gas

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 18, 1962, 450, abstract 18M177 (Prom-st' Armenii, no. 1, 1962, 25-29 [Arm. and Rus.])

TEXT: A synthetic gas is obtained as a waste product from the thermooxidizing pyrolysis of natural gas for the production of acetylene at the Kirov Plant. The article shows that it is economically so under to use it for the production of methanol and ammonia, instead of burning it mixed with natural gas as a fuel for generating electric power. [Abstracter's note: Complete translation.]

Card 1/1

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..., N. A.

..., . . A.: "Aspects of the technique of sowing cotton under conditions of the heavy 'corky' soils of Shirvan." Min Higher Education USSR. Azerbaydzhan Agricultural Inst. Kirovabad, 1956. (Dissertation for the degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

COUNTRY : USSR
CATEGORY : Cultivated Plants. Industrial, Oleiferous, Sugar. M

ABS. JOUR. : RZhBiol., No. 23 1958, No. 104753

AUTHOR : Belousov, A. S., Khachaturov, N. A.
INST. : Azerbaydzhan Scientific Research Institute of Cotton *)
TITLE : Securing Uniform Germination of Cotton Plant on the Heavy Soils of Shirvan'.

ORIG. PUB. : Tr. 1-y nauchn. sessii dovets po koordinatsii AN azerbSSR, Baku, AN AzerbSSR, 1957, 175-184

ABSTRACT : A survey of studies on the causes of crust formation on the cotton fields in Shirvan'. Data of Azerbaydzhan Scientific Research Institute are cited on the effectiveness of planting cotton on ridges in the conditions of badly-crusting heavy sierozem soils. Experiments were conducted during 1952-1953 under field and laboratory conditions at Shirvan' Composite Zonal Experiment Station and at the kolkhoz of Udzhrskiy rayon. In comparison with the

*) Growing

Card: 1/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"Efficient use of turbodrill turbines made by precision casting. Neft.khoz. 41 no.8:64-67 Ag. '63. (MIRA 17:10)

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T.S., otv.red.; BAKULEV, G.D., prof., doktor ekonom.nauk, red.; KLIMENKO, K.I., doktor ekonom.nauk, red.; MITROFANOV, A.I., kand.ekonom.nauk, red.; PUCHKOV, S.G., red. [deceased]; BUDARINA, V., red.; MOSKVINA, R., tekhn.red.

[Economic effectiveness of capital investments and new technology] Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i novoi tekhniki. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 614 p. (MIRA 13:4)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Chlen-korrespondent AN SSSR (for Khachaturov).

(Capital investments) (Technology)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

SHADRIN, Nikolay Aleksandrovich, prof.; PEREL'MAN, Lev Moiseyevich, dotsent; REPNEV, Andrey Ivanovich, dotsent; SMAGIN, Ivan Sergeyevich, dotsent; UL'RICH, Sergey Sergeyevich, dotsent. Prinimali uchastiye: KHACHATUROV, R.A., dotsent; SHURYGIN, V.P., kand.tekhn. nauk; MOZES, B.N., inzh.; ALEKSEYEV, V.N., ekonomist. GRINEVSKIY, I.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Railroad construction] Stroitel'stvo zheleznykh dorog. Pod red. N.A.Shadrina. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 344 p. (MIRA 13:9)
(Railroads--Construction)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, S.G., inzh.

Relation between the shearing resistance of soils and compressive strength. Sbor.trud. MISI no.26:294-307 '59. (MIRA 12:7)
(Soil mechanics)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, S.G., inzh. (Tashkent); SHNEYER, I.A., dotsent (Tashkent)

Some properties of loess loams important in the construction of dams by the method of mechanized dumping of soil into water. Gidr. i mel. 13 no.8:46-52 Ag '61. (MIRA 14:8)

(Dams)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

Producing the bushings of turbodrill blade rows by casting in ceramic molds obtained by hot pressing. Trudy VNIIBT no.14: 151-155 '65. (MIRA 18:5)

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, S.S., dotsent

Steels for roller teeth and bit legs for continuous drilling. (MIRA 16:6)
Trudy VNIIBT no.6:98-120 '62.
(Boring machinery—Testing) (Steel)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T.

Problems in creating the material and technical foundation for communism in the U.S.S.R. Vop.ekon. no.9:3-13 S '61.
(MIRA 14:8)

1. Chlen-korrespondent AS SSSR.
(Communism)
(Russia—Economic policy)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T.

Outstanding scholar and communist; on K.V.Ostrovitianov's 70th birthday. Vop. ekon. no.5:154-159 My '62. (MIRA 15:6)

1. Chlen-korrespondent AN SSSR.
(Ostrovitianov, Konstantin Vasil'evich, 1892-)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T.

Comprehensive development of a unified transportation system in the U.S.S.R. Vop. ekon. no.9:20-30 S '62. (MIRA 15:9)

1. Chlen-korrespondent AN SSSR.
(Transportation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T.

Ways to increase the economic efficiency of capital investments. Vop. ekon. no.11:27-38 N '63. (MIRA 17:2)

1. Chlen-korrespondent AN SSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, TIGRAN SERGEEVICH.

O vosstanovlenii i nekotorykh perspektivakh razvitiia transporta. [On restoration of transportation and the outlook for its development,]. (Zheldor. transport, 1943, no. 9-10 p. 15-25).

DLC: HE775.

- - - - - - -

Organization and development of railway transport in the U.S.S.R. (International Affairs, April 1945, P. 220-235).

A Soviet authorite describes the significance of transport in the U.S.S.R., Its development, types of railway transport, concentration of the flow of goods, technical reconstruction of railway transport, and new railway lines.

DLC: JX1.I53

- - - - - - -

Organization and development of railway transport in the U.S.S.R. (Railway gazette March 16, 1945, v. 82, p. 269-272).

DLC: TF1.R5

DBRE

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Osnovnaia ekonomicheskaia zadacha SSSR i puti razvitiia zheleznodorozhnogo transporta. [The basic economic problem of the U.S.S.R. and the means for the development of railroad transportation]. (Planovoe khoz-vo, 1940, no. 10 pl 30-42)

The list of projected new railroad lines on p. 39.

"A good article dealing with 10-15 year prospects (1947-52)."

DLC: HE331.P52

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeevich

Zheleznodorozhnyi transport v velikoe otechestvennoi voine. [The railroad transportation during the Patriotic war]. [Moskva] Gospolitizdat, 1943. 46 p.

DLC: TF85.K5

Zheleznye dorogi zapadnykh oblastei Ukrainyi i Belorussii. [The railroads of western provinces of the Ukraine and White Russia]. (Sots. transport, 1939, no. 11, p. 7-20, continued in no. 12, p. 39-58; map on p. 41.

DLC: HE7.S6

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeevich

KHACHATUROV, Tigran Sergeevich. O vosstanovlenii i nekotorykh perspektivakh razvitiia transporta. (Zheleznodorozhnyi transport, 1943, no. 9-10, p. 15-25.) DLC: HE735

SO: LC, Sovict Geography, Part I, 1951; Uncl.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, TIGRAN SERGEYEVICH

New lines, (His Organization and development of the transport in the U.S.S.R. in Railway gazette, March 16, 1945, v. 82, p. 271).
DBRE DLC: TF1.R5

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, TIGRAN SERGEYEVICH

Osnovy ekonomiki zheleznodorozhnogo transporta. [The economics of railroad transport] Moskva, Gos. trans. zhel-dor. izd-vo, 1946. (1) v. (Review by Chernomordik, D. In Zhel-dor. transport, 1946, no. 11-12, p.87)

DLC:HE3138.K45

CtY MH NNC

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

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KHACHATUROV, TIGRAN SERGEEVICH.

Transport. [River transportation, col.964. Prospects for development of river transportation in 1946-50, col.983]. (Bol.sov. ents., Suppl. 1947 DLC: AE58.B5 Suppl.

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeevich

O prezhnikh perspektivnykh planakh zheleznodorozhnogo transporta. [About the previous plans for railroad transportation]. (Sots. transport, 1932, no. 11-12, p. 51-65).

DLC: HE7.S6

O vosstanovlenii i nekotorykh perspektivakh razvitiia transporta. [About reconstruction and certain prospects for the development of transportation]. (Zhel.-dor. transport, 1943, no. 9-10, p. 15-25).

DLC: HE7.Z5

SSSR-velikaia zheleznodorozhnaia derzhava. [U.S.S.R. - the great railroad power]. Moskva, Transzhelodorizdat, 1944.

Transport: Railroads (col. 956). The prospects for the development of railroad transportation (col. 978). (Bol. sov. ents., Sullp. 1947).

DLC: AE55.B6

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeevich.

Puti razvitiia transporta SSSR. (Development ways of USSR transportation). Moskva, Transzheldorizdat, 1941. Razmeshchenie transporta v kapitalistichesk ikh stranakh i v SSSR. (Transport distribution in capitalist countries and the U.S.S.R.). Moskva, Gos. sots.-ekon. izd-vo, 1939. 715 p. illus., maps (part fold., in pocket). Pt. IV: Transportation in USSR (p. 501-710).
MH

DLC: HE151.K45

--------Transport i razmeshchenie proizvoditel'nykh sil. (Transportation and the distribution of productive forces). (Problemy ekonomiki, 1939, no. 6, p. 111-134).
MH

DLC: HB9.P75

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeevich, 1906-

Railroads of the western provinces of Byelorussia and Ukraine Moskva, Gos, transp. zhel-dor. izd-vo, 1940. (Mic 55-3682)
Collation of the original, as determined rom the film: 85 p.

Microfilm Slavic 392 AC

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

Puti razvitiia transporta SSSR. [The development ways of transportation in the U.S.S.R.]. Moskva, Transzheldorizdat. 1941.

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeevich

Transport: Air transport (col. 972); the prospects for the development of air transport, 1946-1950. (col. 988). (Bol. sov. ents., Suppl. 1947).

DLC: AE55.B6

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T. S.

PA 28T38

USSR/Engineering Jan 1947
Railroads
Communications

"Five-Year Plan of Research and Investigation of the Institute of Railway Transportation," Prof T. S. Khachaturov, Corresponding Member of the Academy of Sciences of the USSR, 5 pp

"Tekh Zheleznykh Dorog" No 1

The author states some of the requirements which should be fulfilled in this new Five-Year Plan: He hopes for advances in the field of technical policies and a planned development of policies; theoretical and experimental work in railway transportation; new constructions, technological processes and new

28T38

USSR/Engineering (Contd) Jan 1947

methods of operation. Each one of these developments has been assigned to a particular group of specialists. The author also recommends the use of radio communications and radar for use on trains.

28T38

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, T. S.

USSR/RR - Operating Conditions 4602.0324 Sep 1947
- Increasing Capacity 4602.0318

"Concerning the Work of Railroads in the USSR Under Winter Conditions," T. S. Khachaturov, A. I. Miklayev, 7½ pp

"Tekh Zhel Dor" Vol VI, No 9

Discusses climatic conditions under which Soviet railroads operate, including number of railroads operating in regions classified as severe, medium, and light; characteristics of railroad operations in winter conditions, such as diminished and slow traffic and specific reasons attributed to this inefficiency particularly in winter of 1946/47;

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USSR/RR - Operating Conditions 4602.0324 Sep 1947
(Contd)

vital measures to improve work of railroads in general, organization of freight work and movements of trains, locomotive economy, railroad-car economy and organization of labor and working conditions during winter; questions regarding transportation economy.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, Tigran Sergeyevich Prof.

Soviet Railroad Science," Tekh. Zhel.Dor., No.11, 1947

All-Union Sci.Res.Inst. Railway Transportation

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV, TIGRAN SERGEEVICH

The economic principles of railroad transportation, tr. by H. Hunter. Russian Research Center, Harvard, May, 1948. 18p.
"An exposition of mathematical methods used to calculate the advisability of alternative railroad capital investments by comparing these alternatives with their resultant operating expenses".

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

KHACHATUROV,T.S., professor

Thirty years of the scientific research institutes of the railroad transportation industry. Tekh.zhel.dor. 7 no.6:1-5 Je'48.
(Railroads) (MLRA 8:11)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

[redacted], Tigran Sergeyvich, 1906
Economic principles of railroad transportation. Subotica, Izd. Ministarstva zeleznica, 1950- (Prirucna biblioteka Ministarstva zeleznica, knj. 51) (55-27636)

HE3138.K458

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721620017-5

1. KHACHATUROV T.

2. USSR (600)

4. Transportation

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