"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, R.M.

"Direct methods for the solution of three-dimensional and contact problems for blocks and foundations" by L.P.Vynokirov. Reviewed by R.M.Sazonov. Prykl.mekh. 4 no.3:349-350 '58. (MIRA 13:8)

(Structures, Theory of)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

VAYNBERG, D.V., doktor tekhn.nauk, prof. (Kiyev); SAZONOV, R.M., kand.-tekhn.nauk, dotsent (Kiyev); SEMENOV, P.I., kand.tekhn.nauk, dotsent (Kiyev)

Designing corrugated shells. Rasch.prostr.konstr. no.7:49-71 '62. (MIRA 15:4)

(Roofs, Shell)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, R.P., inzhener.

Condensate collection and utilization of its heat in industrial plants. Prom.energ. 11 no.1:28-31 Ja '56. (Steam power plants) (MLRA 9:6)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, R.P., inzhener.

Improving the design and thermal characteristics of shell and tube water heaters. Prom. energ. 11 no.10:14-17 O '56. (MLRA 9:11)

1. Vsesoyuznyy teplotekhnicheskiy institut.
(Water heaters)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, R.P.

Apparatus for heating water with steam. Adm.-byt. komb. ugol'. shakht. no.4:70-79 '61. (MIRA 15:8)

1. Vsesoyuznyy teplotekhnicheskiy institut im. F.E.Dzerzhinskogo.
(Water heaters)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

LAPOTYSHKINA, N.P., kand.tekhn.nauk; SAZONOV, R.P., inzh.

Experience in using magnetic water treatment in a closed heat supply network. Elek.sta. 32 no.6:27-28 Je '61. (MIRA 14:8)
(Heating from central stations) (Water--Purification)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SOKOLOV, Ye.Ya., doktor tekhn. nauk; SAZONOV, R.P., inzh.; DUBNITSKAYA, L.Ye., inzh.

Protection of local hot water supply systems from internal corrosion. Elek. sta. 35 no.8:27-32 Ag '64. (MIRA 17:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, R.P., inzh.

Corrosion of towel-dryer registers in hot-water supply systems and measures for controlling it. Vod. i san. tekh. no.11:31-33 N '64. (MIRA 18:2)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, S.

AUTHOR: Sazonov, S. 2-3-2/14

TITLE: Computer-Stations, the Technical Base of Centralized Statistical Registration and Surveys (Mashinoschetnyye stantsii - tekhnicheskaya baza tsentralizatsii ucheta i statistiki)

PERIODICAL: Vestnik Statistiki, 1957, No 3, May-June, pp 14-19 (USSR)

ABSTRACT: The computer stations which are presently being organized at the statistical offices including the Central Statistical Office of USSR (TsSU SSSR), are of paramount importance for the state statistics system. The current radical re-organization of administration brings great changes to the administrative system as well as to the state statistics system. The new, territorial administration principle will enable a centralized survey and statistics system, along with a radical abridgement and simplification of the accounting and reporting practices. N. S. Khrushchev pointed out in the 7th session of the Supreme Soviet, the necessity of an extensive mechanization of statistical work - computers at the statistical offices. Till now, the TsSU SSSR and the local statistical offices evaluated the yearly indexes by the reports of industrial enterprises and construction units within a wide scope of programs of industry branches, and

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did not concern themselves with collecting current reports. The current reports went from the enterprises to ministries and other administrative offices, from where the data were directed to statistical offices in the form of summary reports. The ministries and central administrative offices, financial organizations, banks, as well as some more institutions also collected reports, this time considerably more detailed. From now on, only the statistical offices will collect reports. Since the TsSU and all its offices throughout the country will have to collect and process reports from more than 200,000 industrial enterprises and more than 100,000 construction units, the importance of the computer stations is evident. These stations will start their work with the reports of June 1957. At first, the industrial plants and construction units only will report in the new way: the other branches of state economy will follow suit later. The mechanization of accounting and reporting will free a considerable number of workers who are occupied with statistical calculations. Preparation of the stations is at the present time in the final stage. The equipment is arriv-

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2-3-2/14

Computer-Stations, the Technical Base of Centralized Statistical Registration and Surveys

ing and the personnel is being prepared. Altogether there will be 107 stations: 70 in RSFSR, 11 in the Ukr. SSR, 9 in the Kazakh SSR, 4 in the Uzbek SSR, and 1 in each of the remaining republics, with branch offices in separate oblast's. The Central Statistical Office of RSFSR (Statisticheskoye Upravleniye RSFSR) will have a station with 4 sets of calculators operating on punched cards (schëtno-perforatsionnyy -) and about 150 keyboard operated calculators (schëtno-klavishnyy-). The station of Leningrad and the Leningrad oblast' will have 4 sets of the card-operated and about 80 keyboard-machines. Its personnel will be about 160. Such stations will be organized in Moskva, in Kiyev (at the Statistical Office of the Ukrainian SSR), in Minsk (at the Statistical Office of BSSR). Alma-Ata, Sverdlovsk and Stalino will have smaller stations, with 3 sets of card machines. The Alma-Ata station will have about 50 keyboard machines in addition to the 3 sets of card machines. The personnel of these smaller stations will be about 85. The stations of large industrial towns like Gor'kiy, Kuybyshev, Baku, Stalingrad, Tbilisi, Khar'kov, Voroshilovgrad, will have 2 sets of card machines and about

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2-3-2/14

Computer-Stations, the Technical Base of Centralized Statistical Registration and Surveys

30 keyboard machines. Their personnel will be 75. Some stations of oblast's and autonomous republics will have keyboard machines only, such as in Yakutsk with 7 adding, 8 computing and 1 bookkeeper's counting machine, and a personnel of 20. Like stations will be in Murmansk, Chita, Magadan, Yuzhno-Sakhalinsk and some other towns. The stations serving the large economic regions will be the proper place for electronic computers. The Central Counting Machine-Station of the TsSU SSSR and the largest of the statistical office stations will have to be equipped with such electronic computers in future. In this connection, it is to be pointed out that the design of the existing electronic computers will have to be changed to provide for a faster input of data and a faster output of results. The Central station of the TsSU SSSR should be directly connected by teleprinters with the stations in republics, krays and oblast's. To enable other statistical offices to process the data fast enough and to convey them in time to the statistical office of the republic or to the local administration, they will also be provided with counting machines. After the statistical offices, the

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2-3-2-/14

Computer-Stations, the Technical Base of Centralized Statistical Registration and Surveys

rayon-inspections of TsSU will be provided with counting machines, which will enable them to centralize faster the materials within the rayon. Operators for counting machines will be prepared in a 1.5 to 2-month course. Preparation of mechanics will require from 7 to 8 months. Medium school education is necessary for both of these personnel categories, and the mechanics must also have some former experience. The selection and placing of workers for accepting and issuing statistical materials, as well as of the leading personnel of computer stations will constitute the most complex of the personnel problems. These latter workers must well know how to operate the machines and also know the processing procedures of statistical materials and the instructions for composing the reports. They must also have a certain amount of experience in statistical work.

All received statistical material must be carefully scrutinized since any mistake can distort the results. Every mistake in reports of plants or enterprises must be revealed and eliminated before giving the report in to mechanized processing.

Card 5/6 The centralized survey and statistics combined with central

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2-3-2/14

Computer-Stations, the Technical Base of Centralized Statistical Registration and Surveys

statewide planning and financing are a powerful lever against the possible local tendencies to build up a separate economy within a region and against the cases of non-compliance with state discipline. The Soyuzmashuchet TsSU SSSR will play a large part in organization of new stations. This office is by now occupied mainly with the projecting of stations and with assistance to statistic offices in assembling of equipment and provisions of materials and equipment. The different report forms must be consolidated. The Soviet plants are at the time producing yearly only about 2000 card machines, like tabulators, sorting machines, perforating machines. Of 10-key machines only a few are being produced, of multi-key tabulators - none at all. There is also no production of bookkeeper machines, invoice machines and some more of needed counting machines. The Ryazan'plant produces adding machines of obsolete design and poor quality. Quantity production of the acutely needed counting machines must be organized in the shortest possible time.

AVAILABLE: Library of Congress

Card 6/6

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

AUTHORS: Sazonov, S., Dzhaparidze, V. 2-58-3-7/17

TITLE: On the Organization of State Statistics in the German Democratic Republic (Ob organizatsii gosudarstvennoy statistiki v Germanskoy demokraticheskoy respublike)

PERIODICAL: Vestnik Statistiki, 1958, Nr 3, pp 32-46 (USSR)

ABSTRACT: The article is a report by the following employees of the USSR Central Statistical Administration, (Sazonov, S.V.; Dzhaparidze, V.V.; Malychev, S.V., Statistical Administration of White Russian SSR; Melekhin, V.V., Leningrad Factory of Mechanized Calculations; and Nikitin, L.A., Moscow Repair-Mechanical Calculating Machine Factory) of a visit in October-November 1957 to East Germany. The visitors were impressed by the Germans' efficient organization and rapid processing of statistical material. A numeral system of product nomenclature for feeding statistics into calculating machines is praised, as are examples of standard forms for completion by industrial undertakings and firms and farms in state, co-operative and private sectors. Budget analysis is inefficiently carried out, however, and calculating station mechanization and organization is rather backward by Soviet standards, although computers and punchcard calculating

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2-58-3-7/17

On the Organization of State Statistics in the German Democratic Republic

machines produced by the Factory for Electronic Calculating Machines in Karl Marx-Stadt and the Rheinmetall Factory in Sömmerda (Thüringen) come in for praise. The Germans are commended for their success in producing full and reliable statistical abstracts, popularizing their statistical material, and using highly efficient photographic reproduction methods.
There is one table and two forms.

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV S. A. AND KHISIN Ya O

Azot V Slantsakh I Slantsevykh Smolakh, Goryuchiye Slantsy, 1933, No 2,26

SO:

Goryuchiye Slantsy # 1934-35, TN .871
G .74

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, S. A. KHISIN, Ya O

Sernokislotnaya Ochistka Slantsevykh Smol, Goryuchiye Slantsy, 1933, No 6,64

SO:

Goryuchiye Slantsy # 1934-35, TN .871
G .74

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

PROCESSES AND PROPERTIES INDEX

18

Recovery of sulfur from ores. Ya. I. Khisin and S. A. Sazonov. Russ. 43,637, July 31, 1935. S ore is heated to 800-1000° with shale in retorts for the evapn. of the bitumen. S is sepd. in the usual manner from gases passed through the incandescent layers of the charge.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

Ca

72

Preparation of sulfonic acids from the heavy fraction of the Kashpir shale tar. S. A. Sazonov. *J. Applied Chem.* (U. S. S. R.) 11, 989-94(in French 994)(1938). The optimal conditions for the sulfonation of the shale-tar fraction b. 200-340° and d_{15} 0.9694 were: 15 min. of mixing, 102% concn. of H_2SO_4 (H_2SO_4 100 and SO_3 2%), at 80° and the amt. of acid 150% of the initial oil. The yield of sulfonic acids and their salts increased with the increase of b. p. of the fraction. Sulfonation by steps is not recommended. Data are tabulated. Four references.

A. A. Podgorny

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

AUTHOR INDEX

1ST AND 2ND LETTER

2ND LETTER

3RD AND 4TH ORDERS

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

CA

22

Transformation of sulfur in the thermal treatment of the Kashpir shale. S. A. Sazonov. *J. Applied Chem.* (U. S. S. R.) 12, 1187-90(in French, 1190)(1939).—The org. S compds. of the Kashpir shale are thermally very unstable and S passes mainly into tar and gas. An increase of the length of passage of pyrogenous gas decreased the H_2S content in gas, which was especially important in coking of shale with the cracking of tar for the prepn. of gas having high calorific value. An increase of org. S in the shale presumably increased the percentage of S in tar, while the pyrite S caused an increase of H_2S in gas.

A. A. Podgorny

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SASONOV, S.A.

202. COKING COALS OF THE KUZNETSK BASIN. Sasonov, S.A. (Koks i Khim. (Coke & Chem., Moscow), 1956, (3), 5-7). The coking quality of Kuzbass coals varies greatly from one seam to another and even from one part

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

KASHCHENKO, D.S.; SAZONOV, S.A.

Coke and its use in blast furnaces for the production of iron.
Koks i khim.no.6:21-26 '56. (MLRA 9:10)

1.Glavtrubostal' Ministerstva chernoy metallurgii SSSR (for Kashchenko).
2.Glavkoks Ministerstva chernoy metallurgii SSSR (for Sazonov).
(Coke) (Iron) (Blast furnaces)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, S.A.

AFONIN, K.B.; BURTSEV, K.I.; BYSTROV, S.N.; VINETS, G.B.; VODNEV, G.G.; VORONIN, A.S.; GEVLICH, A.S.; GRYAZNOV, N.S.; GUDIM, A.F.; GUSYATINSKIY, M.A.; DVORIN, S.S.; DIDENKO, V.Ye.; DMITRIYEV, M.M.; DONDE, M.M.; DOROGOBID, G.M.; ZHDANOV, G.I.; ZAGORUL'KO, A.I.; ZELENETSKIY, A.G.; IVASHCHENKO, Ya.N.; KAFTAN, S.I.; KVASHA, A.S.; KIREYEV, A.D.; KLISHEVSKIY, G.S.; KOZYREV, V.P.; KOLOBOV, V.N.; LGALOV, K.I.; LEYTES, V.A.; LERNER, B.Z.; LOBODA, N.S.; LUBINETS, I.A.; MANDRYKIN, I.I.; MUSTAFIN, F.A.; NEMIROVSKIY, N.Kh.; NEFEDOV, V.A.; OBUKHOVSKIY, Ya.M.; PERTSEV, M.A.; PETROV, I.D.; PODOROZHANSKIY, M.O.; POPOV, A.P.; RAK, A.I.; REVYAKIN, A.A.; ROZHKOV, A.P.; ROZENGAUZ, D.A.; SAZONOV, S.A.; SIGALOV, M.B.; STOMAKHIN, Ya.B.; TARASOV, S.A.; FILIPPOV, B.S.; FRIDMAN, N.K.; FRISHBERG, V.D.; KHAR'KOVSKIY, K.V.; KHOLOPTSEV, V.P.; TSAREV, M.N.; TSOGLIN, M.E.; CHERNYY, I.I. CHERTOK, V.T.; SHELKOV, A.K.

Samuil Borisovich Bamme. Koks i khim. no. 6:64 '56. (MLRA 9:10)
(Bamme, Samuil Borisovich, 1910-1956)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

68-58-4-16/21

AUTHORS: Filippov, B. S., Candidate of Technical Sciences, Sazonov, S. A., Engineer and Shchukin, P. A., Candidate of Technical Sciences

TITLE: Summary of the Conference of Workers of the Coking Industry in Poland (Itogi konferentsii rabotnikov koksokhimicheskoy promyshlennosti v Pol'she)

PERIODICAL: Koks i Khimiya, 1958, Nr 4, pp 54-58 (USSR)

ABSTRACT: The conference took place on October 26 to November 2, 1957. More than 200 delegates were present. The problems of resources of coking raw materials, improvements in the production of coke, and new methods of coking gas and non-coking long flame coals were mainly discussed. The contents of the papers read are given in general terms.

1. Coal--Processing 2. Coke--Production

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SOV/68-59-9-3/22

AUTHOR: Sazonov, S.A.

TITLE: Coking Coals of the Kuznetsk Basin

PERIODICAL: Koks i khimiya, 1959, Nr 9, pp 7 - 9 (USSR)

ABSTRACT: Changes in the proportions and quality of coals delivered for coking from the Kuznetsk Basin are discussed. It is shown that there is a continuous trend towards decreasing the proportion of better coking coals - Table 1; and to some extent a deterioration in the properties of coals of the same type - Table 2, delivered in successive years. This is explained by an insufficient number of sinking new shafts for coking and fat coals (during 1950 - 1958 only three new mines were put into operation) and the slow rate of increasing the capacity and efficiency of coal washeries. The latter fact causes a considerable tonnage of coking coals being used in power generation - Table 3. It is concluded that the development of new mines for winning coking and fat coals as well as of coal beneficiation plants should be speeded up. The construction of coke oven batteries utilising stamped charging linked with preferential crushing of coals should be started. VUKhIN should prepare design data for Giprokoks for air ellutriation

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SOV/68-59-9-3/22

Coking Coals of the Kuznetsk Basin

plants which should replace electrically heated screens. The problem of application of Pechor fat coals for coking in Ural works should be solved. At present a large proportion of these coals is utilised in power generation. There are 3 tables.

ASSOCIATION: Gosplan RSFSR

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

FRISHBERG, V.D.; SAZONOV, S.A.

Developing the resources of raw materials for coking in the East of the U.S.S.R. Koks i khim. no.5:6-9 '60. (MIRA 13:7)

1. Vostochnyy uglekhimicheskiy institut (for Frishberg).
2. Gosplan RSFSR (for Sazonov).
(Coke industry)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

DVORIN, S.S.; ZHITOV, B.N.; LERNER, R.Z.; MAKAROV, G.N.; SAZONOV, S.A.; SYSKOV, K.I.

Coking of preheated coals as a method of intensifying the production of coke and improving its quality. Trudy MKHTI no.28:28-37 '59. (MIRA 13:11)

(Coal--Carbonization)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

KASHCHENKO, D.S.; SAZONOV, S.A.

Coke and its use in blast furnaces for the production of iron.
Koks i khim.no.6:21-26 '56. (MLRA 9:10)

1.Glavtrubostal' Ministerstva chernoy metallurgii SSSR (for Kashchenko).
2.Glavkoks Ministerstva chernoy metallurgii SSSR (for Sazonov).
(Coke) (Iron) (Blast furnaces)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

BERLIN, L.Ye., inzh.; MIRKIN, R.D., inzh.; SAZONOV, S.G., inzh.

Mastics for sealing joints of exterior wall panels. Stroi. mat. 9 no.10:22-24 O '63. (MIRA 16:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

PARTIGUL, S.P.; TITEL'BAUM, N.P.; SAZONOV, S.V., redaktor; DEMINA, V.N., redaktor; MELENT'YEV, A.M., tekhnicheskiy redaktor

[Soviet commerce; a statistical compendium] Sovetskaia torgovlia; statisticheskii sbornik. Moskva, Gos. statisticheskoe izd-vo, 1956. 351 p. (MLRA 9:10)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye.
(Russia--Commerce)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, S.V., red.; MAKAROVA, O.K., red.

[Soviet trade; a statistical abstract] Sovetskaia torgovlia; statisticheskii sbornik. Moskva, Statistika, 1964. 502 p. (MIRA 17:9)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye. 2. Zamestitel' nachal'nika TSentral'nogo statisticheskogo upravleniya SSSR (for Sazonov).

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21386
S/194/61/000/009/038/053
D256/D302

27.4000

AUTHOR: Antonov, A.K., Vasilevskiy, N.N., Naumenko, A.I. and Sazonov, S.Ya.

TITLE: Pressure and volume-pulse recording by a tensometric method

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 9, 1961, 6, abstract 9 E45 (Fiziol. zh. SSSR, 1961, 47, no. 2, 275-279)

TEXT: The absolute values of the pressure and its rapid as well as slow variations can be measured for medical purposes by the tensometric methods. For the pressure measurements a special unit was devised consisting of two hermetically enclosed halves divided by the sensing membrane. A capsule or a hypodermic needle for sensing the pressure respectively in a cavity or inside a blood vessel were connected to the bottom part of the unit filled with a liquid. In the top part constantan stress-gauges of 200 - 300 ohm

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

21386
S/194/61/000/009/038/053
D256/D302

Pressure and volume-pulse...

resistance were glued to the membrane. For volume-pulse measurements the unit consisted merely of the top part with the sensing membrane, and it was used by placing it in contact with the skin at the projection of an artery. A ТСУ-2 (TSU-2)-type multichannel tensometric unit was employed to amplify the signals so that several physiological processes could be recorded simultaneously. A carrying frequency of 3500 cs/sec from a R-C generator is used for amplification in each channel. The amplified signals rectified and filtered were displayed on a МПО-2 (MPO-2)-type oscillograph, the sensitivity of the instrument being adjustable. For calibration mercury or water manometers were used according to the purpose. The described instruments are suitable for absolute measurements of the following pressures: arterial, venous, intra-ocular; and for recording pulses: temple, somnous, radial, thigh, knee and intra-abdominal and also for recording their rapid and slow variations. The apparatus is comparatively simple in operation. 4 references.
[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, S.Ya.;

Effect of hypoxemia and hypercapnia on the intraocular pressure and the tonus of intraocular vessels. Fiziol. zhur. 51 no.9: 1057-1065 S '65. (MIRA 18:9)

1. Kafedra oftal'mologii i kafedra fiziologii I Meditsinskogo instituta imeni I.P.Pavlova, Leningrad.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

L 29211-66

ACC NR: AP6019080 SOURCE CODE: UR/0239/65/051/005/0585/0592

24
B

AUTHOR: Sazonov, S. Ya.

ORG: Department of Ophthalmology, First Medical Institute im. I. P. Pavlov, Leningrad(Kafedra oftal'mologii I Meditsinskogo instituta); Department of Normal Physiology, First Medical Institute im. I. P. Pavlov, Leningrad(Kafedra normal'noy fiziologii I Meditsinskogo instituta)

TITLE: Relation between intraocular pressure and systemic blood pressure 22

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 5, 1965, 585-592

TOPIC TAGS: blood pressure, dog, cat, pharmacology, brain, animal physiology

ABSTRACT: The relation between the intraocular pressure and the systemic blood pressure determined by measurements of the blood pressure in the femoral artery was studied in experiments with dogs and cats. Data obtained on alterations of the intraocular pressure with normal respiratory oscillations of the blood pressure and in experiments in which the blood pressure was changed by irritation of the peripheral end of the vagus or by blood transfusions indicated that the changes in intraocular pressure are parallel to those in blood pressure. In the experiments in which data to that effect were obtained, the tonus of intraocular blood vessels did not change. The magnitude of the parallel change in intraocular pressure was nine times lower in dogs and eleven times lower in cats than that of the change in the blood pressure. Upon rapid and large changes in the blood

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L 29211-66

ACC NR: AP6019080

pressure produced by blood-letting, parallelism between the intraocular pressure and the systemic blood pressure was observed only for 2-4 secs; after this, the local compensatory mechanism in the eyes began to operate and the parallelism disappeared. Parallelism was also absent upon intravenous injection of listenone, a drug with an activity of the curare type, because this drug produced dilation of intraocular blood vessels with a corresponding increase in the intraocular pressure. In asphyxia an intraocular pressure was observed which was higher than that which would have corresponded to the systemic blood pressure under normal conditions, because dilation of the blood vessels in the brain and apparently also in the eyes took place. Formulas were derived for the calculation of the intraocular pressure on the basis of the systemic blood pressure or local reaction of the intraocular blood vessels and coefficients determined for the dependence of the intraocular pressure on the systemic blood pressure for cats and dogs.

Orig. art. has: 4 figures and 1 table. /JPRS/

SUB CODE: 06/ SUBM DATE: 08Sep64/ ORIG REF: 008/ OTH REF: 007

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

L 29016-66 EWT(1) SCTB DD

ACC NR: AP6018857 SOURCE CODE: UR/0239/65/051/009/1057/1065

28
B

AUTHOR: Sazonov, S. Ya.

ORG: Department of Ophthamology, First Medical Institute, im. I. P. Pavlov, Leningrad (Kafedra oftal'mologii I Meditsinkogo instituta); Department of Physiology, First Medical Institute im. I. P. Pavlov, Leningrad (Kafedra fiziologii I Meditsinskogo instituta)

TITLE: Effect of hypoxemia and hypercapnia on the intraocular pressure and the tonus of intraocular vessels

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 9, 1965, 1057-1065

TOPIC TAGS: hypoxemia, hypercapnia, cat, dog, hypoxia, blood pressure, animal physiology

ABSTRACT: In experiments with cats and dogs, hypercapnia produced by inhalation of air with an increased CO_2 content and hypoxemia produced by reduction of air pressure in a pressure chamber resulted in a rapid increase in intraocular pressure. The effect of hypercapnia in increasing the pressure which set in with a high frequency and degree of reproducibility at CO_2 concentrations of 10-20%, was more pronounced than that of hypoxia. Asphyxia due to hypoxemia invariably produced a strong increase in intraocular pres-

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L 29016-66

ACC NR: AP6018857

sure. The increase in intraocular pressure was not a relaible index of the reaction of intraocular blood vessels, because the general blood pressure also had an effect on the latter. One may assume that while the tonus of intraocular vessels affected to a significant extent the intraocular pressure, the intraocular pressure did not necessarily exert an effect on the intraocular vascular tonus. Apparently the blood vessels of the retina reacted very rapidly to a shortage of O_2 or an excess of CO_2, just like the blood vessels of the brain. A distention of the blood vessels of the choridea and of the uveal tract took place, the reaction of the vessels of the uveal tract, which formed the most essential part of the mechanism, producing an increase in the intraocular pressure. Orig. art. has: 2 figures and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 08Sep64 / ORIG REF: 013 / OTH REF: 012

Card 2/2 BLG

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, T.P.; BULYNKO, Ye.S., FINOGENOV, V.N.; TIKHOMIROV, V.P.; PAMYATNYKH, L.S.

Change in the mining industry to the shorter working day and new wage scale. Gor.zhur.no.5:8-14 My '60. (MIRA 14:3)
(Mining industry and finance)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V., podpolkovnik, komandir polka

High firing skill for young officers. Komm. Vooruzh. Sil 46 no.22:32-36 N '65. (MIRA 19:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SOV/52-3-2-8/10

AUTHOR: Sazonov, V.

TITLE: On Characteristic Functionals (Zamechaniye o kharakteristicheskikh funktsionalakh)

PERIODICAL: Teoriya veroyatnostey i yeye primeneniya, 1958, Vol III, Nr 2, pp 201-205 (USSR)

ABSTRACT: Two conditions can be shown for the case of separable Hilbert space H with the functional $\chi(f)$, $f \in H$ being the characteristic functional of some probability distribution of H. These are: $\int \|x\|^2 dP < +\infty$ and the continuity $\chi(t)$ in the $\mathcal{T}$ topology. For the functional $\chi(f)$ to be the characteristic functional of probability distribution P in such H that the first condition is satisfied, it is necessary and sufficient that the following are also satisfied: (i) $\chi(f)$ positive, $\chi(\theta) = 1$, (ii) $\chi(f)$ continuous, (iii) $\sum_{n=1}^{\infty} a_{nn} < +\infty$, where $a_{nn} = \int_{-\infty}^{\infty} x^2 dF^n(x)$, $F^n(x)$ - distribution R^1 with the characteristic function

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On Characteristic Functionals

$\varphi_n(t) = \chi(te_n)$. Examples: (a) If $\chi(f)$ = positive, and $\sum_{m=1} \sigma_m^2 < +\infty$ then $a_{mm} = \sigma_m^2$ and $\chi(f)$ = characteristic function of the distribution. (b) A normal distribution H can be called the distribution of characteristic functional if

$$\chi(f) = e^{im(f) - \frac{1}{2}(Sf, f)}$$

where m-linear functional, S-linear symmetrical, non-negative, continuous operator. Of the second condition for the functional $\chi(f)$ to be considered as the characteristic functional of probability distribution H , it is necessary and sufficient to satisfy the following conditions: (i) $\chi(f)$ positive, $\chi(\theta) = 1$, (ii) $\chi(f)$ continuous at θ in $\mathcal{T}$-topology. The necessary condition of the weak compactness of the set (P_α) distributed as R^n is the continuity of the characteristic function $\chi(t, P_\alpha)$ at zero point. If (P_α) is a set of the distribution H and the characteristic functional is

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SOV/52-3-2-8/10

On Characteristic Functionals

continuous at θ in $\mathfrak{J}$-topology, then the set (P_α) is of weak compactness. There are 7 references, of which 1 is Soviet, 3 French and 3 English.

SUBMITTED: March 20, 1958.

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

V 680 Cygni. V.Sazonov. Astron.tsir. no.208:21-22 Ja '60.
(MIRA 13:11)

1. Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

YANUSHKOVSKIY, G.; SAZONOV, V.

School as a front runner of socialist competition. Prof.-tekh. obr. 18 no.10:24 O '61. (MIRA 14:11)
(Mtsensk--Farm mechanization--Study and teaching)
(Socialist competition)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

Sazonov, V. (N) (Lieutenant Colonel, Regimental Commander)

ORG: None

SOURCE CODE: UR/0395/65/000/022/0032/0036

TITLE: Training young officers to be tank gunnery experts

SOURCE: Kommunist vooruzhennykh sil, no. 22, 1965, 32-36

TOPIC TAGS: gunnery training, specialized training, training ammunition, training area, training procedure, military tank, ~~military personnel, ordnance personnel~~

ABSTRACT: The role of the officer in training tank crews, and the importance of proper training, is discussed on the assumption that the goal of any activity, in the classroom or in the field, is to impart knowledge essential for use in battle to the trainee. Officers must have thorough knowledge of the subject before they can properly conduct such training so they must study independently in order to become familiar with the latest scientific, technical and training developments. The training schedule must be strictly observed and attempts made to increase the role of tank commanders in training crews. The tank firing range, for example, is equipped with tank hulls placed on rocking frames and with training turrets (some of which are movable), and is mechanized and electrified so that by firing sub-caliber rounds simulated tank gunnery training can be conducted using targets which are located at

Card 1/2

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

Variable BV 114 Cygni. Astron.tsir. no.219:25 Mr '61. (MIRA 14:10)

1. Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

Specification of the elements of eclipsing variable V 729 Cygni. Astron.tsir. no.223:26-27 Jl '61. (MIRA 15:3)

1. Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

V 393 Cygni. Per.zvezdy 13 no.4:302-303 Mr '61. (MIRA 15:3)

1. Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

Uninvestigated variables BV 114 Cygni. Per.zvezdy 13 no.6:440-442 '61. (MIRA 16:9)

1. Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

V729 Cygni. Per.zvezdy 13 no.6:445-446 '61. (MIRA 16:9)

1.Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.

HK Lyrae. Per. zvezdy 14 no.2:129-131 Je '62. (MIRA 17:2)

1. Otdel peremennykh zvezd Moskovskogo otdeleniya Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.A.

AUTHOR: SAZONOV, V.A., SEREBRYAKOV, E.P., and KOVALEVA, L.S. 20-6-31/59

TITLE: Production and Analytical Properties of Tetra (α-Thienyl) Boric and Tetra (p-Anisyl) Boric Salts of Alkali Metals. (Sintez i analiticheskiye svoystva tetra(α-tienil) bornykh i tetra (p-anizil) bornykh soley shchelochnykh metallov. Russian).

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 6, pp 1295-1298 (U.S.S.R.)

ABSTRACT: It is known that tetraphenylcarbonsodium has in recent times been used as reagent for potassium ion. Caesium- and rubidium ions are also precipitated by it. These salts of potassium, rubidium, and caesium are only to a small extent soluble in water. A simple production method of tetraphenylboronsodium was suggested by A.N. Nesmeyenov and one of the authors: the action of bromphenylmagnesium on sodiumborfluoride. Also potassiumboronfluoride reacts easily with the magnesiumorganic compounds and forms corresponding tetraboric-aryl-salts. The reaction is also possible in the heterocyclic series. In the present paper new potassium-rubidium-, caesium-, andthallium salts are described which can become interesting for analytical chemistry. It is shown that when using the tetrathienylboranion a separation method for caesium and probably a quantitative thallium determination is possible. In the case of an action of iodine-α-thienylmagnesium on potassiumboronfluoride tetra (α-

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

20-6-31/59

Production and Analytical Properties of Tetra (α-Thienyl) Boric and Tetra (p-Anisyl) Boric Salts of Alkali Metals.

thienyl) bor-potassium is formed which, in contrast to tetraphenylborpotassium, is soluble in water. One of the most important properties of the former is the precipitation capacity of caesium- and rubidium atoms from aqueous solutions whereby reactions are not disturbed by lithium- and sodium ions. Constants of solubility in water in dependence on the temperature of the mentioned boric salts are given. The great solubility difference of the potassium- and caesium salts makes it possible to use the mentioned substance for determination and separation of caesium and other alkali metals. In the first report delivered by the authors the reaction of bromine-n-anisylmagnesium with KBF_4 was described which leads to tri-(n-anisyl) boron which was separated as ammoniacate. Later it was observed that some ammonium- and pyridinium-tetra-arylboron-ammonicates cannot be separated but the corresponding tri-arylbor-ammoniacates and -pyridinates are immediately formed. Tetraphenylborammonium and -pyridinium, however, can be separated in a pure state. In this the authors succeeded by the application of the aforementioned method. Tetra-(p-anisyl) borpotassium forms with cations of the quaternary ammoniumsalts corresponding salts. In the case of ammonium- and pyridinium salts, however, ammoniacate

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

20-6-31/59

Production and Analytical Properties of Tetra (α-Thienyl) Boric and Tetra (p-Anisyl) Boric Salts of Alkali Metals.

and pyridinate are immediately obtained. In the experimental part individual reactions with methods, yields, and constants are given. (5 Slavic references).

ASSOCIATION: Moscow State University "M.V. Lomonosov"
PRESENTED BY: NESMEYANOV, A.N., Member of the Academy.
SUBMITTED: 24 October 1956
AVAILABLE: Library of Congress

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.A.

Level for direct reading of absolute signs. Podzem. gaz. ugl. no. 2:76-78 '58. (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Podzemgaz.
(Mine surveying)
(Leveling)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

TURCHANINOV, I.A., kand.tekhn.nauk; SAZONOV, V.A., inzh.

Peculiar features of the gasification of a coal seam and of the displacement of overlying rock in connection with underground gasification at the Shatskaya Coal Mine. Podzem. gaz. ugl. no.3: 11-16 '58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Podzemgaz.
(Moscow Basin--Coal gasification, Underground)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SERBIN, V.I.; BERESNEVICH, P.V.; ANDRYUSHCHENKO, A.V.; SAZONOV, V.A.; SHESTOKOV, M.M.

Experience in waste stacking in the zones of caving of operating mines. Gor. zhur. no.10:41-45 O '65. (MIRA 18:11)

1. Institut Krivbassproyekt (for Serbin, Beresnevich, Andryushchenko).
2. TSentral'nyy gornoobogatitel'nyy kombinat (for Sazonov, Shestakov).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

3(4)

SOV/6-59-7-5/25

AUTHORS: Polezhayev, V. I., Sazonov, V. A., Salomatin, S. A.

TITLE: On the Personnel of the North-Caucasus Aerogeodetic Service (O lyudyakh Severo-Kavkazskogo aerogeodezicheskogo predpriyatiya)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 7, pp 21 - 24 (USSR)

ABSTRACT: The enterprise mentioned in the title was established in January 1945. It disposes of a photographic laboratory, a photogrammetric and a stereotopographic workshop, as well as of highly qualified cooperators. A survey of the meritorious cooperators is given here. Aleksey Ivanovich Kayukov, Chief Technician, has built signals since 1925. One of the most highly qualified engineers is the Land Surveyor Pavel Ivanovich Kolin'ko who has worked since 1930. Aleksey Yevgen'yevich Garbarev has worked in the field since 1931. Aleksandr Nikolayevich Il'in, Topographer, started his activity in 1924, and is at present Chief Engineer Inspector in the department for technical control. Ivan Tikhonovich Velikanov, Topographer, has been working 25 years in the field. Vladimir Georgiyevich Tkachev has worked as a Topographer since 1931. Yevgeniy Nikolayevich Vasyutkin has been working 25 years, including some years in the Taiga

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

On the Personnel of the North-Caucasus Aerogeodetic Service SOV/6-59-7-5/25

of the Soviet Far East. His work is described in the book by G. A. Fedoseyev. The leaders of the largest parties of the department are Yu. N. Bochkov and M. I. Kalganov. Among the young cooperators, the following are mentioned: Margarita Dement'yevna Dubrova has worked for 5 years and is the best Topographer of the enterprise. She completed her studies at the Leningradskiy topograficheskiy tekhnikum (Leningrad Topographical Plant). The pupils of the Tbilisskiy topograficheskiy tekhnikum (Tbilisi Topographical Plant), the Members of the Komsomol Genrikh Grigor'yevich Ozhegov and Valentina Grigor'yevna Ozhegova have become the best cooperators within 5 years. At present, they are studying at a university. Yevgeniy Andreyevich Pavlyukov, Topographer, attended the course of topographers in 1954. Engineer Petr Nikolayevich Pronchenko attended the MIIGAiK in 1956, conducted a party since 1958, and is at present Chief Engineer of the topographical department. Valeriy Mikhaylovich Izvekov attended the L'vovskiy politekhnicheskiy institut (L'vov Polytechnical Plant) and has been a party leader since 1959. Mikhail Petrovich Galkin attended the Kiyevskiy topograficheskiy tekhnikum (Kiyev Topo-

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

graphical School). Mariya Selivanovna Abramova, Topographer, attended the same school in 1956. V. M. Filippova, G. A. Yurkova, V. S. Mel'nikova, K. F. Ovsyannikova, and T. B. Malakhova have worked for over 10 years as draftswomen in the final compilation of topographic maps. More than 120 topographer-technicians, draftsmen and other cooperators are studying at the correspondence secondary schools and universities, such as: Yu. M. Nikitin, Chief-Topographer, L. N. Nikitina, Map Editor, V. M. Sapatova, Technician, Yu. N. Vostrikov, Technician. The following persons have already completed their studies: Comrade A. G. Kariy, P. F. Dobritsa, L. Ye. Mikhaylov, I. I. Belyakov, V. K. Shevchenko, Ye. I. Demeshko, B. G. Telezhkin attended the Kiyevskiy topograficheskiy tekhnikum (Kiyev Topographical School). G. A. Chernova, Chief-Technician, attended the Leningradskiy gosudarstvennyy universitet (Leningrad State University)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Zinkenite from the Ziddi arsenic deposit (Gissar Range). Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh.SSR 1:91-96 '60. (MIRA 15:1)

1. Institut geologii AN Tadzhikskoy SSR.
(Gissar Range--Zinkenite)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Absolute hardness of some hypogene minerals from skarn-complex ore deposits of Kurusay (western Karamazar Mountains). Dokl. AN Tadzh. SSR 3 no.3:15-19 '60. (MIRA 16:2)

1. Institut geologii AN Tadzhikskoy SSR. Predstavleno chlenom-korrespondentom AN Tadzhikskoy SSR. Predstavleno chlenom-korrespondentom AN Tadzhikskoy SSR R.B. Baratovym.
(Kurusay region--Minerals--Testing)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Determination of the formation temperatures of sphalerites based on the iron content in them. Trudy Inst.geol. AN Tadzh. SSR 4: 215-233 '61. (MIRA 15:12)

1. Institut geologii AN Tadzhikskoy SSR.
(Sphalerite)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SHAPENKOV, M.P.; SAZONOV, V.D.

Method of adjusting extrusion heads for profiling articles.
Plast.massy no.1:69-71 '63. (MIRA 16:2)
(Extrusion (Plastics))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Geochemical and physicochemical characteristics of the processes of hypogenic mineralization in the Kurusay ore zone. Report No.1: Pheumatolytic epoch. Trudy Inst.geol.An Tadzh.SSR 6:137-164 '62. (MIRA 16:5)

(Kara-Mazar Mountains--Mineralogy)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Skolite formation in granitoids near the Gaymak-kan arsenic and complex ore deposit in the Karamazar Mountains. Dokl. AN SSSR 152 no.2:411-413 S '63. (MIRA 16:11)

1. Institut geologii AN TadzhSSR. Predstavleno akademikom D.S. Korzhinskim.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Geochemical and physicochemical characteristics of supergene mineralization processes in the Kurusay ore zone. Trudy Inst. geol. AN Tadzh. SSR 8:182-218 '64. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.D.

Increase of lead and zinc bonding force with the depth of ore bodies in the Kansay region. Sov. geol. 7 no.12:115-118 D '64. (MIRA 18:4)

1. Tadzhikskiy institut geologii Gosudarstvennogo geologicheskogo komiteta SSSR.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV V. G.

Sazonov V. G. Sbornik instruktsiy k laboratornym rabotam po razdelu teorii regulirovaniya obshchego kursa "Avtomaticheskoye regulirovaniye teplosilovykh ustanovok" [Instruction Manual for Laboratory Work of the Regulation Theory Division of the General Course "Automatic Regulation of Heat Power Plants"], Moscow, 1953, 26 pages, 3 figures (USSR Ministry of Culture, V. M. Molotov Energy Institute of Moscow).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV V. G.

Sazonov V. G., "Diapason of Regulation and Rigidity of Mechanical Characteristics of the Motor in Generator-motor Systems with Reverse Connections for Voltage," in the book Raschet i konstruirovaniye zavodskogo oborudovaniya [Design and Construction of Factory Equipment], Moscow, Mashgiz, 1953, Pages 139-147, 3 figures; bibliography, 1 item (Urals Polytechnic Institute, Issue 48).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.G., kandidat tekhnicheskikh nauk.

Control range and stability of the mechanical characteristics of motors in generator--voltage-feedback motor systems. Sbor.st. Ural.politekh.inst. no.48:139-147 '53. (MLRA 9:3)
(Machine tools--Electric driving) (Electric generators)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SOV/129-59-1-7/17

AUTHORS: Mironov, L.V., Engineer, Sazonov, V.G., Candidate of Technical Sciences, Levitin, V.V., Engineer and Rodigin, N.M., Candidate of Physico-mathematical Sciences

TITLE: Influence of Electric Heating on the Properties of Cold-rolled Stainless Steels (Vliyaniye elektronagreva na svoystva kholodnokatanykh nerzhaveyushchikh staley)

PERIODICAL: Metallovedeniye i Termicheskaya Obrabotka Metallov, 1959, Nr 1, pp 26 - 30 (USSR)

ABSTRACT: The influence was studied of electric annealing of the cold-rolled steels 1Kh18N9, 1Kh18N9T and Kh13N4G9 on their mechanical properties, the recrystallisation processes and the resistance of these steels against intercrystallite corrosion. The compositions and the main data of these steels are entered in Table 1, p 26. The specimens were heated with speeds of 100, 300, 600 and 1 000 °C/sec up to 900-1 400 °C and immediately after that were cooled in air. From thus-treated strips (20 × 200 mm), specimens for mechanical tests were prepared. The results of tensile tests are graphed in Figure 1, p 27 and it can be seen that the desired mechanical properties can be ensured by electric heating with speeds of 100 to 1 000 °C/sec without subsequent

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SOV/129-59-1-7/17

Influence of Electric Heating on the Properties of Cold-rolled Stainless Steels

holding at the particular temperature. The optimum properties are obtained after heating to 1 150 - 1 200 °C. In Figure 2, p 28, microphotos are reproduced of the structure of the steel 1Kh18N9T after annealing with electric heating as well as with ordinary heating. On the basis of the results of investigations of the resistance of materials to intercrystallite corrosion, the authors conclude that the process of recrystallisation of cold-rolled austenitic stainless steels, under conditions pertaining to electric heating, proceeds with a very high speed but at a higher temperature than in the case of ordinary heating: softening and the desired mechanical properties of the steels 1Kh18N9, 1Kh18N9T and Kh13N4G9 at heating speeds of 100 - 1 000 °C/sec are attained at 1 150 - 1 200 °C. On the basis of corrosion studies, it is concluded that the necessary resistance against intercrystallite corrosion can be ensured with any of the investigated heating speeds for steels 1Kh18N9 and Kh13N4G9 and with heating speeds of 100 and 300 °C/sec in

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SOV/129-59-1-7/17

Influence of Electric Heating on the Properties of Cold-rolled Stainless Steels

in the case of the steel 1Kh18N9T; if higher heating speeds are used, the carbon in this steel has to be combined first into titanium carbide.
There are 4 figures, 2 tables and 6 Soviet references.

ASSOCIATIONS: Ural'skiy institut chernykh metallov (Ural Institute of Ferrous Metals) and
Institut fiziki metallov UFAN (Institute of Physics of Metals of the Ural Branch of the Ac.Sc.)

Card 3/3

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

L 9828-66 E[illegible])/EWA(h)

ACC NR: AP6003970 SOURCE CODE: UR/0104/65/000/005/0093/0093

AUTHOR: Sarkisov, M. A.; Rokotyan, S. S.; Uspenskiy, B. S.; Sharov, A. N.; Zhulin, I. V.; Fedoseyev, A. M.; Korolev, M. A.; Kheyfits, M. E.; Yermolenko, V. M.; Petrov, S. Ya.; Azar'yev, D. I.; Krikunchik, A. B.; Polyakov, I. P.; Sazonov, V. I.; Khvoshchinskaya, Z. G.; Kartsev, V. L.; Smelyanskaya, B. Ya.; Kozhin, A. N.; Losev, S. B.; Dorodnova, T. N.; Rubinchik, V. A.; Smirnov, E. P.; Rudman, A. A.

ORG: none

TITLE: Abram Borisovich Chernin

SOURCE: Elektricheskiye stantsii, no. 5, 1965, 93

TOPIC TAGS: electric engineering, electric engineering personnel

ABSTRACT: An engineer since 1929, A. B. Chernin has worked for years in developing new techniques and equipment for relay protection of electric power systems. In this 60th birthday tribute, he is credited with leading the group which produced the directives on relay protection, contributing to the development of a method for calculating transient processes in long distance 400-500 kv power transmission lines and with aiding in planning of the electric portions of power stations, substations and power systems. The results of his engineering and scientific work have been published 46 times, he is a doctor of technical sciences (since 1963), and has taught for 30 years at the Moscow Power Institute. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAMOHOV, V. V.:

SAMOHOV, V. V.: "Biochemical changes in the preserved blood of cattle and horses." Min Higher Education USSR. Khar'kov Veterinary Inst. Omsk, 1956. (Dissertation for the Degree of Candidate in Biological Sciences)

So: Knizhnaya letopis' No 36, 1956. Moscow.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

LEBEDEV, L.A., prof.; SAZONOV, V.M., kand.biol.nauk

New optimal media for the prolonged preservation of stored cattle and horse blood. Veterinariia 35 no.5:90-97 My '58. (MIRA 12:1)

1. Omskiy veterinarnyy institut.
(Blood--Collection and preservation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

L 07949-67 EWT(1)/EEC(k)-2/EWP(k) IJP(c) WG/GG
ACC NR: AP6027128 (A) SOURCE CODE: UR/0311/66/000/006/0022/0024

AUTHOR: Vol'kenshteyn, A. A. (Candidate of technical sciences); Yefremov, V. P. (Engineer); Kuvaldin, E. V. (Engineer); Matveyeva, O. K. (Engineer); Sazonov, V. M. (Engineer)

ORG: None

TITLE: Photometric equipment for pulsed light sources

SOURCE: Svetotekhnika, no. 6, 1966, 22-24

TOPIC TAGS: photometer, light pulse, laser pulsation, flash lamp

ABSTRACT: A unit for photometric measurement of pulsed light sources is described. This unit consists of three instruments: an FIL photometer for flash lamps, an FML-m photometer for lasers and a KOS standard light pulse generator. The FIL photometer may be used for measuring nearly all types of industrial flash tubes and the FML-m is used for measuring the radiation from free-emission lasers. The KOS instrument generates reproducible standard light pulses and is used for calibration of the two photometers. Photographs of each of the component instruments are given together with brief descriptions. The flash tube photometer may be used for measuring the luminous intensity of a light source with a maximum transverse dimension of 110 mm. The fundamental scale of the instrument has graduations of 100 candles/div, 10^5 nits/div and

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L 07949-67

ACC NR: AP6027128

10^{-3} ca·sec/div. These graduations may be expanded by five orders of magnitude for measuring higher intensities by changing the resistance of the load on the photocell or by using neutral light filters. The time characteristics of the instrument are: least resolved duration of the leading front -- $5 \cdot 10^{-7}$ sec, pulse duration -- no more than 10^{-2} sec. The approximate value of a graduation on the FML-m photometer is 10 w and 10^{-4} joules per unit of the reference scale. The upper limits of measurement are 10^{8} w and 10^{3} joules. The unit may be used for laser measurements in the 400-1100 mμ spectral region. The time resolution of the photocell is a few tenths of a microsecond. The KOS instrument generates pulses with a duration of approximately 3 μsec and a luminous intensity of 200,000 ca. The authors consider it their pleasant duty to mention the considerable part played by N. F. Shipul', L. I. Mel'nikova, R. V. Tsyvkin, V. M. Shpan'kov and V. N. Kornilov in development of this photometric equipment. Orig. art. has: 3 figures.

SUB CODE: 13, 20/ SUBM DATE: None/ ORIG REF: 005

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

GROMAKOVSKIY, P.I., dotsent; GRINYK, M.A., assistent; SAZONOV, V.N., assistent.

The preparation bios in veterinary practice. Veterinariia 33 no.7: 74-77 Jl '56. (MLRA 9:9)

1.Veterinarnyy fakul'tet Odesskogo sel'skokhozyzystvennogo instituta. (Vitamins--B) (Veterinary medicine)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

KOGAN, G.I.; SAZONOV, V.N.

Grinding elliptoid teeth of spur gear wheels. Stan. i instr. 36 no.9:10-13 S '65. (MIRA 18:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

KUKLIN, N.V.; SAZONOV, V.N.

Characteristics of the distribution of granite pegmatites in the Urals. Mat.po geol.i pol.iskop.Urala no.10:99-106 '62. (MIRA 16:2)

(Ural Mountains—Pegmatites)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.P., inzh.

Use of plastics in marine engineering (from foreign publications). Sudostroenie 25 no.9:61-63 S '59. (MIRA 12:12)

(Marine engineering) (Plastics)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

V. P. SAZONOV

"Perfection of a Measuring Apparatus for Investigation of Electromagnetic Fields by the High-Resistance Probe Method and Analysis of the Method of Small Disturbing Bodies" from Annotations of Works Completed in 1955 at the State Union Sci.Res. Iust: Min. of Radio Engineering Ind.

So: B-3,080,964

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

V. P. SAZONOV and M.M. SBITNEVA

"Investigation of Electromagnetic Fields in Some Complex Systems" from Annotations of Works Completed in 1955 at the State Union Sci. Res. Inst; Min. of Radio Engineering Ind.

So: B-3,080,964

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SUBMITTED: December 7, 1957 SOV/109-3-3-22/23

AUTHORS: Golubkov, P.V. and Tsimring, Sh. Ye.

TITLE: The Second All-Union Conference on Radioelectronics of the Ministry of Higher Education of the USSR (Vtoraya vsesoyuznaya konferentsiya MVO SSSR po radioelektronike) - News Item

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol 3, Nr 3, pp 440 - 444 (USSR)

ABSTRACT: The conference took place during September 23 - 29, 1957, at Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo (Saratov State University imeni N.G. Chernyshevskiy). Apart from the universities, the conference was attended by the representatives of some scientific research institutes of the Soviet and Ukrainian Academies of Science, various industrial establishments and the interested ministries. This arrangement stimulated the discussion and evaluation of the papers presented and permitted the determination of plans for the future research to be carried out by the universities in the field of radioelectronics.

Card1/16

A.I. Shtyrov proposed (and proved by means of the reciprocity theorem) an interference method of the "cold" investigation of delay systems. The method permits the measurement of electrical non-homogeneities of delay systems, gives a high accuracy and requires comparatively little effort. The paper "Production of Periodic Structures by Means of Ultrasonics" by Ye.M. Gershenzon was devoted to the experimental investigations of an interesting modification of a periodic structure, i.e. a regular waveguide filled with a liquid in which an ultrasonic standing wave was excited. V.P. Sazonov described the results of an investigation of the distribution of electric fields in a number of important delay systems (combs, stub systems, etc.) by means of two methods (probes with a high-resistance input) and small perturbing objects). The author also obtained the distributions of tangential components of the electric fields along certain boundary surfaces, which are of considerable interest. In a number of cases, the author also measured the coupling impedance. Some of the lectures were devoted to the problems of diffraction

Card2/16 which are important in the analysis of the directional patterns of antennae. Here one should mention the papers by Ye.N. Vasil'yev and S.M. Verevkin, dealing with the excitation of the solids of revolution. The analysis of the oscillations in π-type and toroidal volume resonators and in π-type and cross-shaped waveguides was given in the papers by V.L. Patrushev and V.M. Sedykh, respectively. A number of the papers in the Electrodynamics Section dealt with the complex phenomena appearing at the junctions of waveguides. Here, it is necessary to mention the papers: "The Calculation of Junctions" by Ya.M. Turover; "The Problem of Construction of Certain Wideband Matching Devices" by Ye.V. Anisimov and V.D. Luchinin and "Measurement of the Parameters of the Energy Outputs in U.H.F. Devices by Means of a Symmetrical Transformer" by L.A. Dukhovnikova and M.M. Rayner. The behaviour of various substances in electromagnetic fields at U.H.F. was discussed in the papers of O.V. Karpova, U.P. Radin, I.A. Shekhtman, A.I. Pilshchikov, A.L. Levinson, N.S. Sedletskaya and A.A. Kuznetsov.

The paper of N.G. Basov and his collaborators described the principle of operation of a molecular clock having an accuracy of 10^{-9}. The results of a theoretical investigation of the molecular radiation in high-frequency fields were given in the papers of V.M. Fayn, entitled "Radiation of the Molecules in Strong High-frequency Fields" and "The Spontaneous Radiation of Molecules at Ultra-high Frequencies". In the second of the above papers, the author came to the conclusion that the width of the spectral line of the spontaneous radiation at U.H.F. is finite. The author also proposed a classical analogy for the phenomenon of coherence in the spontaneous radiation.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

SAZONOV, V.P.

SOV/142-58-4-29/30

AUTHOR: Stolyarov, A.G.

TITLE: All-Union Session Marking "Radio Day" (Vsesoyuznaya nauchnaya sessiya, posvyashchennaya "Dnyu Radio")

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Radiotekhnika, 1958, Nr 4, pp 517-521 (USSR)

ABSTRACT: During the period May 12-17, 1958, an All-Union Scientific Session was held in Moscow, devoted to "Radio Day". It was organized by the Scientific Technical A.S.Popov Association for Radio-Engineering and Electro-Communications. 280 papers were read at the session, 25 in the field of information theory and more than 20 in the field of electronics, dealing with theoretical/experimental research on electronic equipment. V.I.Siforov spoke on "The Transmission Capacity of Single-Ray and Multi-Ray Communication Canals". L.I.Filippov looked at the potential interference resistance of an ideal radio receiver. D.A.Novik spoke on "The Transmission System of Electric Signals by the Optimal Code of Shannon-Fano." A. Yemsharinov and B.S.Fleyshman discussed "The Use of the Successive Analysis Method in Equipment for Determining Weak Signals in Noise", and L.M.Fink examined "The Potential Interference Resistance in a Non-Definite Signal Phase". V.A.Kashirin and G.A.Shustova discussed "The Optimal Parameters of the Tele-measuring System with regard to Interference Resistance". B.S.Fleyshman spoke on the question of creating an optimal code - in the Shannon conception - in the case of a binary symmetrical canal. L.F.Borodin discussed "The Method of Creating Several Codes with a Simple Base". In the field of electronics, P.A.Tarasov spoke on "Broad Band Electron Ray Tubes for Observation and Recording of Electric Impulses and Ultra-High Frequencies" and V.P.Radchenko examined the question of the practical utilization of tubes with a cathode net. G.F.Semenov, V.P.Sazonov, M.M.Shitneva and A.S.Bondarev examined: "Use of the Radiosonde with a High-Ohm Feed for Examining Electromagnetic fields in resonators and wave guides".

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and Yu. Katsman spoke on "The Selection of Oscillatory Energy of an Electronic Current, Modulated According to Density". M.B.Golant discussed a negative clystron with a wide range of electron adjustment. S.I.Bychkov explained the phenomenon of electron displacement and gave an approximate description of the frequency characteristics of the magnetron under conditions of high amplitude oscillations. A.I.Tereshchenko spoke on "The Influence of Various Factors on a Critical Magnetic Magnetron Field with a Grid". A.I.Lebedev-Karmanov spoke on "Modern Television Stations" and V.M.Katushkina and Z.I.Model' discussed "Bridge Methods of Combining the Outputs of Several Generators". G.Sh.Kevanishvili spoke on "The Theory of Non-Linear Oscillations in Radio Engineering". V.A.Khromov and G.L.Suchkin spoke on "The Electro-Magnetic Radiation in Systems not Conditioned by the Theory of Reciprocity in the Ultra-High Frequency Range".

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

VASIL'YEV, B.G., inzh.; MALYSHEV, A.S., inzh.; SAZONOV, V.P., inzh.

Use of synthetic materials in ship piping and systems. Sudostroenie 30 no.8:55-58 Ag '64. (MIRA 18:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

ACC NR: AM6029191 Monograph UR/

Silin, Robert Andreyevich; Sazonov, Vilior Pavlovich

Delay structures (Zamedlyayushchiye sistemy) Moscow, "Sovetskoye radio," 1966. 631 p. illus., biblio. Errata slip inserted. 4600 copies printed.

TOPIC TAGS: delay circuit, propagation, waveguide, waveguide element, superhigh frequency

PURPOSE AND COVERAGE: This book is intended for scientists, engineers, and students concerned with super-highfrequency (SHF) techniques, radio physics, the design of linear acceleration systems using SHF delay lines and antennas, and solid state physics. The properties of unidimensional and two-dimensional periodic delay structures used in SHF devices are presented and the methods of their calculation described. Formulas, tables and graphs facilitating the design of delay structures are given. Materials published in the Soviet and non-Soviet press have been used in the book. Chapters I, II, III, VII—XV and appendices I, II, X—XVIII were written by R. A. Silin; chapters IV—VI, XVI and appendices III—IX were written by V. P. Sazonov; §7, Ch. III was written jointly by the authors. O. N. Aristarkhova, G. V. Kurilov, L. A. Pinchuk, Z. N. Pasechnik, M. I. Poygina, I. Sh. Beluga and S. S. Samokhin participated in the measurements and processing of the results. Z. D. Kovtunova assisted

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

ACC NR: AM6029191

in calculating of the concrete systems and in editing the manuscript. I. Sh. Beluga, V. M. Dashenkov, V. N. Ivanov, V. S. Il'yin, V. P. Kiryushin, Yu. A. Kovalev, B. P. Kutenin, V. M. Lopukhin, V. S. Mikhalevskiy provided comments and advice. References follow each chapter.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

ACC NR: AM6029191

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9

1. RODDATIS, K. F.; SHAPKIN, I. F.; SAZONOV, V. R.; KUZENTSOV, N. I.

2. USSR (600)

4. Steam boilers

7. Results of testing a small capacity, two-drum, vertical waste-tube boiler, Energ. viul., No. 1, 1953.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001447510019-9"

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RODDATIS, K. F., SHAPKIN, I. F., SAZONOV, V. R., KUZNETSOV, N. I.

Steam Boilers

Examining internal processes of a two-drum, vertical water-tube boiler of small capacity. Energ. biul. No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress June 1953. UNCL.

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SOV/96-59-8-24/27

AUTHOR: Sazonov, V.R., Engineer

TITLE: Boiler Set PK-40-100 SP-640/140

PERIODICAL: Teploenergetika 1959, Nr 8, pp 90-91 (USSR)

ABSTRACT: The Podol'skiy works imeni Ordzhonikidze and the Moscow Division of the Central Boiler Turbine Institute have designed a once-through boiler with an output of 640 tons per hour at a pressure of 140 atms and super-heated steam temperature of 570°C, with one gas reheat to a temperature of 570°C at 27 atms. The boiler is intended for operation as a unit with turbine type PVK-200 (200 MW) and is designed for burning hard coal of high humidity. Two variants of the design have been prepared: double and single inverted-U. The main design characteristics at full load and the leading weights and dimensions for both variants are given in Table 1. The double inverted-U variant is first described with particular reference to the arrangement of the super-heaters, the steam-water duct, super-heat temperature control, steam scrubbing devices and method of starting. The single inverted-U set is then described;

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Boiler Set PK-40-100 SP-640/140

there are differences in the arrangement of the steam-water duct and in the method of temperature control. Information about the diameters and grades of steel tubes used in the heating surfaces are given in Table 2. Soot-blowing and draught arrangements are briefly mentioned. The designs have been considered by the Technical Council of the Ministry of Power Station Construction and by the Technical-Economic Council of the Moscow District Council of National Economy and it has been decided to endorse the double inverted-U variant, subject to certain improvements. There are 2 tables.

Card 2/2

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RODDATIS, K.F. (Moskva); Prinimal uchastiye: SAZONOV, V.R.

Questions on the use of natural gas in large thermal electric power plants. Izv. AN SSSR. Otd. tekh.nauk.Energ. i avtom. no.4:53-58 Jl-Ag '60. (MIRA 13:8)
(Electric power plants) (Gas, Natural)

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