L 20370-65
ACCESSION NR: AP4038528

4

0.1 gm were irradiated by electrons of 1.6 Mev in the resonator at 100 K. An assymetric line of paramagnetic absorption was observed with a width $\Delta H = 10 \pm 1$ oersted. The line decayed exponentially with $\tau = 2.5 \pm 0.5$ sec. The decay of the triplet state can be explained by the transfer of excitation energy to the aromatic molecules and by formation of radicals. "The authors are grateful to I.V. Alexandrov, A.T. Koritskiy, and V.G. Nikol'skiy for the discussion of results." Orig. art. has: 3 figures

ASSOCIATION: Institut khimicheskoy fiziki Akademii nauk SSSR (Institute of Chemical Physics, Academy of Sciences, SSSR)

SUBMITTED: 09Jan64 ENCL: 00

SUB CODE: NP, OC NR REF SOV: 008 OTHER: 004

Card 2/2

L 27364-66 EWI(l)/EWI(m)/EWP(j) IJP(c) WW/GG/RM
ACC NR: AP6011553 SOURCE CODE: UR/0051/66/020/003/0424/0426

AUTHORS: Alfimov, M. V.; Buben, N. Ya.; Pristupa, A. I.; Shamshev, V. N.

ORG: none

TITLE: Determination of the concentration of organic molecules in the triplet state upon excitation with fast electrons

SOURCE: Optika i spektroskopiya, v. 20, no. 3, 1966, 424-426

TOPIC TAGS: electron paramagnetic resonance, electron bombardment, electromagnetic wave absorption, line width, absorption probability, nonmetallic organic derivative, fast particle, molecule

ABSTRACT: This is a continuation of earlier work (DAN SSSR v. 156, 630, 1964 and earlier) in which it was shown that the method of electron paramagnetic resonance can be successfully used to study triplet states of organic molecules excited by bombardment with fast electrons. To improve on the accuracy of the results, the authors determined experimentally the ratio of the probabilities of absorption of a

Card 1/3 UDC: 535.34:538.113

ACC NR: AP6011553

microwave quantum for the transition with $\Delta m = \pm 2$ to the transitions with $\Delta m = \pm 1$, by investigating the stationary concentrations of $C_{10}D_8$ molecules in the triplet state and the kinetics of their accumulation at different irradiation dose intensities. The sample preparation and their measurement technique are briefly described. Irradiation of a solid solution of $C_{10}D_8$ in polystyrene at 100K produced a single paramagnetic absorption line at a field 5927 Oe (f = 9205 Mcs), the line width between maximum slope points was 7 ± Oe. The probability ratio was determined by determining the stationary concentration of the molecules by comparison with a standard. In addition, the kinetics of accumulation of $C_{10}D_8$ molecules in the triplet state following irradiation with fast electrons was measured by the procedure used in the earlier investigation. Expressions are given for the stationary concentration and for the characteristic accumulation time, which agree well with the experimental data. The experimental value of the probability ratio (~22) is much larger than the theoretical value (4.5). It is shown further that by using

the EPR method to determine the characteristic accumulation time and the lifetime of the molecules in the triplet state after cessation of the irradiation it becomes possible to determine the molecule concentration in the triplet state without involving the probability-ratio coefficients. In view of the uncertainty of the actual value of this coefficient and this disparity with the theoretical value, the elimination of this coefficient is considered an advantage. The authors thank I. V. Aleksandrov, V. L. Yermolayev, and K. K. Pukhov for a discussion of the results. Orig. art. has: 2 figures and 6 formulas.

SUB CODE: 20/ SUBM DATE: 11Jan65/ ORIG REF: 004

BOGDANOV, A.G.; SHAMSHEVA, A.L.

Formation of the image of small details in the developing with various types of developers. Usp. nauch. fot. 10:202-213 '64.
(MIRA 17:10)

S/117/62/000/011/002/002
A004/A101

AUTHOR: Shamshin, A. P.

TITLE: Milling cutter for machining heat-resistant and titanium alloys

PERIODICAL: Mashinostroitel', no. 11, 1962, 29

TEXT: In forging and die-forging blanks of heat-resistant and Ti-alloys, surface cracks appear, which makes it necessary to increase the machining allowances. In the roughing of blanks with a machining allowance of 10 - 30 mm, the milling cutters used cause the machine tool to vibrate at cutting depths of more than 10 - 15 mm. The innovator V. G. Gulynin has suggested a milling cutter having a lead angle $\alpha = 75^{\circ}$, number of teeth $z = 3$, spiral pitch $s = 63$ mm and the length of the cutting part $l = 125$ mm. The larger lead angle eliminates vibrations and the cutter life attained four hours at milling depths of 25 - 30 mm. This milling cutter is made of P 18 (R18) steel and operates at speeds in the range of 12 - 17 m/min. There is 1 figure.

Card 1/1

SHASHIN, Andrey [illegible] kand. sel'khoz. nauk; [illegible], red.

[Erosion is an enemy of soil; new methods for erosion control] Eroziia - vrag pochvy; novye sposoby bor'by s eroziei pochvy. Moskva, Izd-vo "Znanie," 1964. 30 p. (MIRA 18.1)

SHAMSHIN, I.

Simultaneous translation of speeches. Radio no.9:26-27 S '60.
(MIRA 13:10)

(Translating and interpreting)

BA[illegible], Anatoliy Anatol'yevich; RABINOVICH, Gersh Naftulovich.
SHAMOHIN, I.A., red. otv.

[Synchronous speech conversion technique] Tekhnika sinkhronnogo perevoda rechi. Moskva, Sviaz', 1964. 200 p.
(MIRA 17:9)

SHAMSHIN, I. A.

PA 19T56

USSR/Loudspeakers
Amplifiers

Feb/Mar 1946

"An Experiment in Sound Transmission by Use of Round Loudspeakers," I. A. Shamshin, 3 pp

"Vestnik Svyazi - Elektro Svyaz'" No 2/3 (71-72)

Describes the public address system used during the Moscow Aviation Day in 1945 at the Moscow City Airport. The speakers, rather than being the conventional type, were round and pointed upward rather than horizontally. This system is supposed to have guaranteed good hearing even when planes were flying over at low altitudes. Diagrams and a picture of one of the loudspeakers.

19T56

SHAMSHIN, I. A.

PA 19T66

USSR/Transmission Lines, High Voltage Apr/May 1946
Radio transmission lines

"Method of Safeguarding High Voltage Transmission Lines for Radio," I. A. Shamshin, 3 pp

"Vestnik Svyazi - Elektro Svyaz'" No 4/5 (73-74)

These high voltage transmission lines are usually strung from poles and traverse houses as well as other places occupied by people. Article discusses the need to adopt proper precautionary measures so as to safeguard the people from the extremely high voltage. Contains circuit diagrams and some tables.

19T66

USSR/Communications - Radio May 1947
Electronic Tubes

"Remote-controlled High-power Amplifier Station"
I A Shamshin, 3 pp

"Vestnik Svyazi" Vol 7, No 86

One of a series of stations built in the Moscow area beginning in 1944. Operating details and figures.

1T17

SHAMSHIN, I. A.

USSR/Communications Apr 1948
Relays, Telephone
Telephones - Apparatus

"The Choice of a System for Cooling Tubes in the Output Stages of Wired Broadcasting Stations," N. N. Pavlov, I. A. Shamshin, Engineers, 4 pp

"Vest Svyazi -Elektro-Svyaz'" No 4 (97)

Three-ring (bell) telephone system for large cities requires powerful booster stations. Gives methods to determine the number of booster stations required for any given municipal network. Much interest is displayed in methods for proper cooling of the tubes of large booster stations. Briefly describes some of the methods used for such cooling.

PA 65T32

[illegible], I. A.

Ac[illegible]prove[illegible]e televideniia. [For introduction of wire television]. (Radio, 1951, No. 1, p. 50). LC: TK540.R76

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

SHAMSHIN, I. A.

Provodnoe veshchanie v krupnykh gorodakh. [Wire broadcasting in large cities]. (Radio, May 1951, no. 5, p. 28).

DLC: TK540.R76

Razvitie radiofikatsii Moskvy. [Radio development in Moscow]. (Radio, 1947, no. 9, p. 6-8, illus.).

DLC: TK540.R76

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

SHAMSHIN, I.A.

Important tasks for the improvement and broadening of technical installations for radio broadcsting service. Vest.sviazi 15 no.12: 13-15 D '55. (MLRA 9:3)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.

(Radio--Apparatus and supplies)

SHAMSHIN, I.A., inzhener.

Public-address system for sports events in Hungary and Czechoslovakia. Vest.sviazi 16 no.5:28-31 My '56. (MLRA 9:8)
(Hungary--Loudspeakers) (Czechoslovakia--Loudspeakers)

SHAMSHIN, I.A., inzhener.

Circuit for simultaneous translation installations carrying speech translations in several languages. Vest.sviazi 16 no.9: 9-11 S '56. (MLRA 9:11)
(Translating and interpreting) (Electric circuits)

SHAMSHIN, I.A., otvetstvennyy red.; BABENKO, A.A., red.; FIRSOVA, A.G., tekhn. red.

[Collection of instructions concerning the Moscow City a-f radio rediffusion network] Informatsionnyi sbornik MGRS. Moskva, Sviaz'-izdat, 1957. 61 p. (MIRA 11:7)

1. Moscow. Gorodskaya radiotranslyatsionnaya set'.
(Moscow--Radiobroadcasting)

107-57-7-35/56

AUTHOR: Ivanitskiy, V.

TITLE: Radio at the Festival (Radio na festivale)

PERIODICAL: Radio, 1957, Nr 7, pp 31-32 (USSR)

ABSTRACT: Briefly described are public-address systems, radio communication and tv services at the Sixth International Festival of Youth and Students and at the sport contests (July 29 to Aug 10, 1957) organized by the Olympic Committee of the USSR. Officials responsible for communication facilities at the festival were interviewed.

I.A. Shamshin, Chief Engineer of the Moscow City Wire-Broadcast Network, said: We have installed public-address systems in the streets, parks, squares, etc., also on the stages. We also installed the facilities for simultaneous interpretation of speeches into 8 foreign languages. We also use mobile public-address outfits. Most of the equipment was developed, manufactured, and installed by our organization.

The Institute of Radio Reception and Acoustics (IRPA) has developed a new radio system for language-interpretation facilities. A number of small-power superlong-wave transmitters operate on a common loop antenna which surrounds the building. Each member of the meeting selects the channel he needs in his pocket-size receiver which is equipped with a magnetic "antenna". The band used is 40 to 145 kc.

Card 1/3

Radio at the Festival

Another interpretation outfit was developed by the VEF factory in Riga; wire communication is used.

O.V. Vislenev, Chief of the Engineering Dept., Chief Administration of Radio Information, said:
We furnished studio equipment and sound-recording equipment. We use a new "Reporter-2" type portable tape recorder; its circuits including the motor are supplied by dry batteries. We also trained personnel for tone monitoring and other functions. We will be doing transcribing and phonogram copying at the festival. The sum total of the rooms at the "Radio House of the Festival", where foreign guests will work, is 20,000 m^3.

A.M. Varbanskiy, Chief Engineer of the Moscow TV Center, Ministry of Communications, said:
We have a few live pickups like that at the Luzhniki Stadium, and five mobile autobus-type pickups; we also brought an h-f cable to 17 theaters for possible pickup connections. A type UZTP-1 outfit, developed by the Science Research Kino-Photo Institute, will record tv programs and will be used for printing films. The films will be distributed over many cities.

Yu. N. Andress, Deputy Chief of the Moscow Directorate of Radio Communication and Radio Broadcasting, said:

SHAMSHIN, I.A.

Radiobroadcasting in Finland. Vest. sviazi 17 no.3:31-32 Mr '57.
(MLRA 10:4)

1. Glavnyy inzhener Direktsii Moskovskoy radiotranslyatsionnoy seti.

(Finland--Radiobroadcasting)

111-9-28/28

AUTHOR: Shamshin, I.A., Chief Engineer of the Moscow Municipal Rebroadcasting Network

TITLE: Wire Broadcasting and Wire Television in England (Provodnoye veshchaniye i provodnoye televideniye v Anglii)

PERIODICAL: Vestnik Svyazi, 1957, No 9, pp 34-35 (USSR)

ABSTRACT: The author of this article has been traveling, during May and June of 1957, throughout Western Europe and has been interested in the development of foreign broadcasting, television and radio-servicing technics. Being unable to give all the details in this limited space, especially about the above development in England and France, he limits his article to a description of wire broadcasting and wire television in England. The author noticed the absence of many safety devices at stations and substations, which are utilized in USSR.

ASSOCIATION: The Moscow Municipal Rebroadcasting Network (Moskovskaya gorodskaya radiotranslyatsionnaya set')

AVAILABLE: Library of Congress

Card 1/1

SOV/111-58-4-10/34

AUTHOR: Shamshin, I.A., Chief Engineer MGRS

TITLE: Questions Arising in the Standardization of Quality Indexes of Wire Broadcast Channels (Nazrevshiye voprosy normirovaniya kachestvennykh pokazateley traktov provodnogo veshchaniya)

PERIODICAL: Vestnik svyazi, 1958, Nr 4, p 7 - 8 (USSR)

ABSTRACT: The author considers questions of standardizing quality indexes of wire broadcasting channels. He divides the existing wire broadcast networks into six groups: 1) networks in large cities; 2) networks in towns or sections of large cities; 3) small towns or centers of rural districts; 4-6) rural areas, kolkhozes, etc. In his opinion the past experience with wire broadcasting is adequate to establish at least temporary standards. In Table 1, the author gives an example of the various quality classes divided into three categories for range of reproducible frequencies, irregularity of the frequency characteristic, harmonic factor and noise level. He points out that the NII of the USSR Ministry of Communications together with the chairs of broadcasting of MEIS, LEIS and NIITS of the USSR Ministry of Com-

Card 1/2

Questions Arising in the Standardization of Quality Indexes of Wire Broadcast Channels

munications are engaged in studying problems of standardizing quality indexes of wire broadcast channels. The author invites engineers and technicians of wire broadcast networks to state their opinion on this subject. There are 2 tables and 1 graph.

ASSOCIATION: MGRS

1. Communication systems--USSR 2. Radio broadcasting--Standards

Card 2/2

AUTHOR: Shamshin, I., Chief Engineer SOV-107-58-4-23/57

TITLE: New Tasks for Radio Amateurs (Novyye zadachi dlya radio-lyubiteley)

PERIODICAL: Radio, 1958, Nr 4, pp 16-17 (USSR)

ABSTRACT: The author deals with one-way loop coupler apparatus working in the a.f. band, explains the principle of its operation and lists the uses to which it could be put: 1) for translating speeches into a foreign language; 2) for use in demonstration halls (museums, picture galleries, etc), where it would replace the normal guide book; 3) for dispatcher control in hospitals and in industry. In all cases the a.f. source is an amplifier with a loop coupler assembly in its output and the broadcast is picked up on simple transistor receivers. For multi-channel reception, e.g. to receive a translation of a speech in several foreign languages, a long-wave loop coupler apparatus is used. A typical receiver section, working on transistors and made by Phillips, is described. A disadvantage of the long-wave loop coupler is the HF disturbance that the loop can set up in the receivers. Multi-program wire broadcasting is now a practical proposition since the receivers may be built around transistors. By this multi-

Card 1/2

plexing method, one basic program and 2-3 additional programs in the 50-150 kc band can be broadcast and the author recommends the system to school or student radio-amateur groups. Loudspeakers can advantageously be arranged in acoustic columns to give high directional or, by using several columns, circular sound beaming. Amateur radio clubs should adopt the method for wiring up lecture rooms and meeting halls for sound. There is 1 drawing and 1 diagram.

ASSOCIATION: MGRS

1. Radio equipment--Operation 2. Circular coils--Applications
3. Coupling circuits--Applications 4. Radio operators--Training

Shamshin, I. A.

111-58-5-10/27

AUTHOR: None Given

TITLE: The Advanced Collective of Radio Workers(Peredovoy kollektiv radiofikatorov).

PERIODICAL: Vestnik Svyazi, Nr 5, 1958, pp 19-21(USSR).

ABSTRACT: The Collective of the "Moskovskaya Gorodskaya Radiotranslatsionnaya Set' "MGRS" (Moscow City Radio Relay Network) is managed by "MGRS" Chief R.M. Asoyan and the chief engineer I.A. Shamshin. Between 1956-1958 it has received the Banner of the USSR Ministry of Communications and of the "TsK profsoyuza svyazi"(Central Committee of the Trade Union of Communications) and the Banner of the USSR Council of Ministers and VTsPS 4 times each and first prizes in the All-Union Socialist Competitions of Com unication Workers.The USSR's largest wire broadcasting network was built in Moscow with the assistance of this collective. It has almost 1,200,000 subscribers. In the past few years, modern high power amplifier and sound transformer substations with remote control were put into operation. Control, supervision and measuring systems have been widely automated,the equipment for complex control stations, and special control rooms

Card 1/2

were developed and put into operation. Mobile sound amplifying stations, placed on the automobiles of "ZIM", "ZIS-110", "Pobeda", "ZIL-151", "ZIL-155", "PAZ", "RAF" and "GAZ-69" types are widely utilized, as well as the mobile electric power plants, automobile trailers with loudspeakers, complete sets of sound amplifiers with a power of 6 to 600 w, radio and wire devices for simultaneous translations of speeches into different languages, electro-megaphones, acoustic columns and many other new radio service devices. The names of several workers having high labour efficiency are cited. There are 7 photos.

AVAILABLE: Library of Congress

Card 2/2 1. Radio engineering-Citations

AUTHOR: Shamshin, I.A., Chief Engineer SOV-111-58-9-11/30

TITLE: Simple Portable Sets for Transmitting Speeches in Several Languages (Prosteyshiye portativnyye ustanovki dlya perevoda rechey na raznyye yazyki)

PERIODICAL: Vestnik svyazi, 1958, Nr 9, p 14 (USSR)

ABSTRACT: For transmitting speeches in a foreign language at small conferences or in a lecture room, MGRS has produced a small portable set, a 3w amplifier using transistors, miniature microphones and a distribution network, consisting of a cable with sockets taped on to the seats of the people who desire to hear the translation, and into which they can plug headphones. The set is designed for an audience of 20-30 persons and weighs 4-5 kg. An even more compact assembly could be designed as a 1-1.5w amplifier built on transistor triodes and with thin flexible cord for the distribution network. A similar version with 2-channels could be designed for transmitting into two languages and fitted with an extension microphone for a second interpretor. There are are 2 photos.

ASSOCIATION: MGRS

1. Communication systems--USSR 2. Speech transmission--Equipment
Card 1/1 3. Communication systems--Design

SHAMSHIN, I.A.

Radio service techniques in certain West European countries. Vest. sviazi 18 no.2:26-28 F '58. (MIRA 11:2)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.
(Europe, Western--Radio--Equipment and supplies)

SHAMCHIN, I.A.

Urgent problems in standardizing the qualitative indices of wire-broadcasting channels. Vest.sviazi 18 no.4:7-8 Ap '58. (MIRA 11:4)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.
(Wire broadcasting)

SHAMSHIN, I.A.

Radio rebroadcasting systems in Moscow. Gor. khoz. Mosk. 32 no.9:7-9 S '58. (MIRA 11:9)

1.Glavnyy inzhener Upravleniya Moskovskoy gorodskoy radiotranslyatsionnoy seti.
(Moscow--Radio--Transmitters and transmission)

AUTHOR: Shamshin, I.A., Chief Engineer SOV/111-59-1-10/35

TITLE: Attention to the Problems of Wire Broadcasting Must Not Be Slackened (Ne oslablyat vnimaniya k voprosam provodnogo veshchaniya)

PERIODICAL: Vestnik svyazi, 1959, Nr 1, pp 11 - 12 (USSR)

ABSTRACT: The author thinks that wire broadcasting and its technological and organizational aspects are still an important problem and should by no means be neglected. Operation of the rediffusion centers should be increasingly automated and much better receivers placed at the subscribers' disposal. Equipment of the ADU, RDP, STP, STR, SVK, AVK, TU-5, TU-600, KRU-40 types for use in wire broadcasting, should be produced in sufficient quantity. In large and medium-sized towns a three-link diffusion-distribution system of TsS-OUS -TP and TsS-BS-TP should be established as soon as possible, while rural areas are served best by one large center and numerous small branches.

ASSOCIATION: MGRS

Card 1/1

6(4) SOV/111-59-3-23/26

AUTHOR: Shamshin, I.A., Chief Engineer

TITLE: The Warszawa Session of Study Group Nr 1 of the OIR (Varshavskaya sessiya gruppy izucheniya No 1 OIR)

PERIODICAL: Vestnik svyazi, 1959, Nr 3, p 39 (USSR)

ABSTRACT: The article reports on the regular session of study groups Nr 1 of the International Radiobroadcasting Organization (OIR), which took place in Warszawa, and was attended by delegations of the USSR, Poland, Czechoslovakia, Rumania, and Bulgaria. The agenda included problems of wire broadcasting technique, and questions relating to standardization of wire and radio-relay broadcasting channels for the international exchange of programs. The session heard a series of reports on multi-program wire broadcasting technique, including one devoted to work in progress in that field in the USSR by the Soviet delegation. The session passed resolutions on the direction of further research in the field of multi-program wire broadcasting. Problems of single-program wire broad-

Card 1/4

The Warszawa Session of Study Group Nr 1 of the OIR

casting were also dealt with by the session. Discussions, based on reports by the Soviet and Polish delegations, showed that much attention is being given to problems of increasing the quality of single-program wire broadcasting systems. In its decisions the session noted the importance of further development of single-program wire broadcasting systems, and outlined a number of concrete measures of interest to the member nations of OIR. Special attention was directed to raising the quality of channels and loudspeakers. The session considered Soviet proposals for standardization of channels for international exchange of programs, and passed appropriate resolutions. The author cites the session as a demonstration of mutual understanding and close collaboration of the participating delegations. The session adopted a resolution for calling the following conference of study group Nr 1 during the first quarter of 1960, and outlined a broad agenda for this session. Reports

The Warszawa Session of Study Group Nr 1 of the OIR

on many concrete problems of development and improvement of wire broadcasting technique, radio service, international exchange of programs, and electroacoustics will be prepared by the administrations of the USSR, Poland, Czechoslovakia, Rumania, and Bulgaria. In particular the following reports are proposed for delivery and discussion: on automation of wire broadcasting systems; on control and measurement of wire broadcasting channels; on plans for construction and formation of centers for rural and urban wire broadcasting systems; on the organization of operation. In the period between sessions, administrations will have serious preparatory work, as well as research to perform in connection with the subject matter outlined in the "study problems" approved by the session. These "study problems" embrace a number of specific fields in broadcasting technique: e.g. study of the possibility of extending the band of frequencies, transmitted on wire

Card 3/4

The Warszawa Session of Study Group Nr 1 of the OIR

broadcasting channels; the establishment of norms for pairs of telephone cables used for broadcasting purposes, and quality norms for amplifiers used in wire broadcastings; a preliminary study of the problems of stereophonic broadcasting, etc. Much attention will be given to problems of automation.

ASSOCIATION: MGRS

Card 4/4

SHAMSHIN, I.A.

Meeting of the Technical Commission of the Internation Broadcasting Organization held in Pyongyang. Vest. sviazi 19 no.7:29-30 Jl '59. (MIRA 13:8)

(Radiobroadcasting--Congresses)

SHAMSHIN, I.A.

Questions on the creation of stereophonic radiobroadcasting systems.
Vest. sviazi 19 no.11:11-12 N '59. (MIRA 13:8)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.
(Stereophonic sound systems)
(Radiobroadcasting)

SHAMSHIN, I.A.

Some problems in controlling noise in the city of Moscow.
Gor.khoz.Mosk. 33 no.10:21-22 O '59. (MIRA 13:2)

1. Glavnyy inzhener Upravleniya moskovskoy radiosoti.
(Moscow—Noise)

SHAMSHIN, I.A.; NYURENBERG, V.A., dots.

Measurment of fading in distributing transmission lines by the use of a method which involves storing of the signal. Vest.sviazi 20 no.1:8-10 Ja '60. (MIRA 13:5)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti (for Shamshin). 2. Moskovskiy elektrotekhnicheskiy institut svyazi (for Nyurenberg).
(Electric lines) (Electric measurements)

SHAMSHIN, I.A.

Current meeting of the International Organization of Radiobroadcasting and Television. Vest. sviazi 20 no.11:29 N '60. (MIRA 13:12)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.

(Radiobroadcasting--Congresses)
(Television--Congresses)

SHAMSHIN, I.A.

Principal trends in the development and improvement of wire broadcasting engineering. Vest. sviazi 21 no.4:8-9 Ap '61. (MIRA 14:6)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.

(Wire broadcasting)

SHAMSHIN, I.A.

Multiprogram broadcasting using telephone networks. Vest. sviazi 21 no.9:13-15 S '61. (MIRA 14:9)

1. Glavnyy inzhener Moskovskoy gorodskoy radiotranslyatsionnoy seti.

(Telephone) (Wire broadcasting)

SHAMSHIN, I.A.

Concerning the technical base of wire broadcasting and radio services. Vest. sviazi 23 no.2:4-6 F '63. (MIRA 16:2)

1. Glavnyy inzh. Moskovskoy gorodskoy radiotranslyatsionnoy seti. (Wire broadcasting) (Radio)

SHAMSHIN, I.A.

Some technological features of the organization of stereophonic radio braodcasting and improvement of the quality of single-channel low-frequency broadcasting systems. Vest. sviazi 22 no.11:10-11 N '62. (MIRA 16:12)

1. Glavnyy inzh. Moskovskoy gorodskoy radiotranslyatsionnoy seti.

Development of wire broadcasting in Moscow. Vest. svyazi 25
no.5:24-25 My '65. (MIRA 18:5)

1. Glavnyy inzh. Moskovskoy gorodskoy radiotranslyatsionnoy seti.

SHAMSHIN, I.A.

Principal trends in the development of the technological base of wire broadcasting. Vest.sviazi 25 no.2:13-14 F '65.
(MIRA 18:6)

1. Predsedatel' komissii Tekhnicheskogo progressa tekhniko-ekonomicheskogo soveta partiynogo komiteta predpriyatiy i uchrezhdeniy svyazi g. Moskvy.

PA 19T101

SHAMSHIN, M. A.

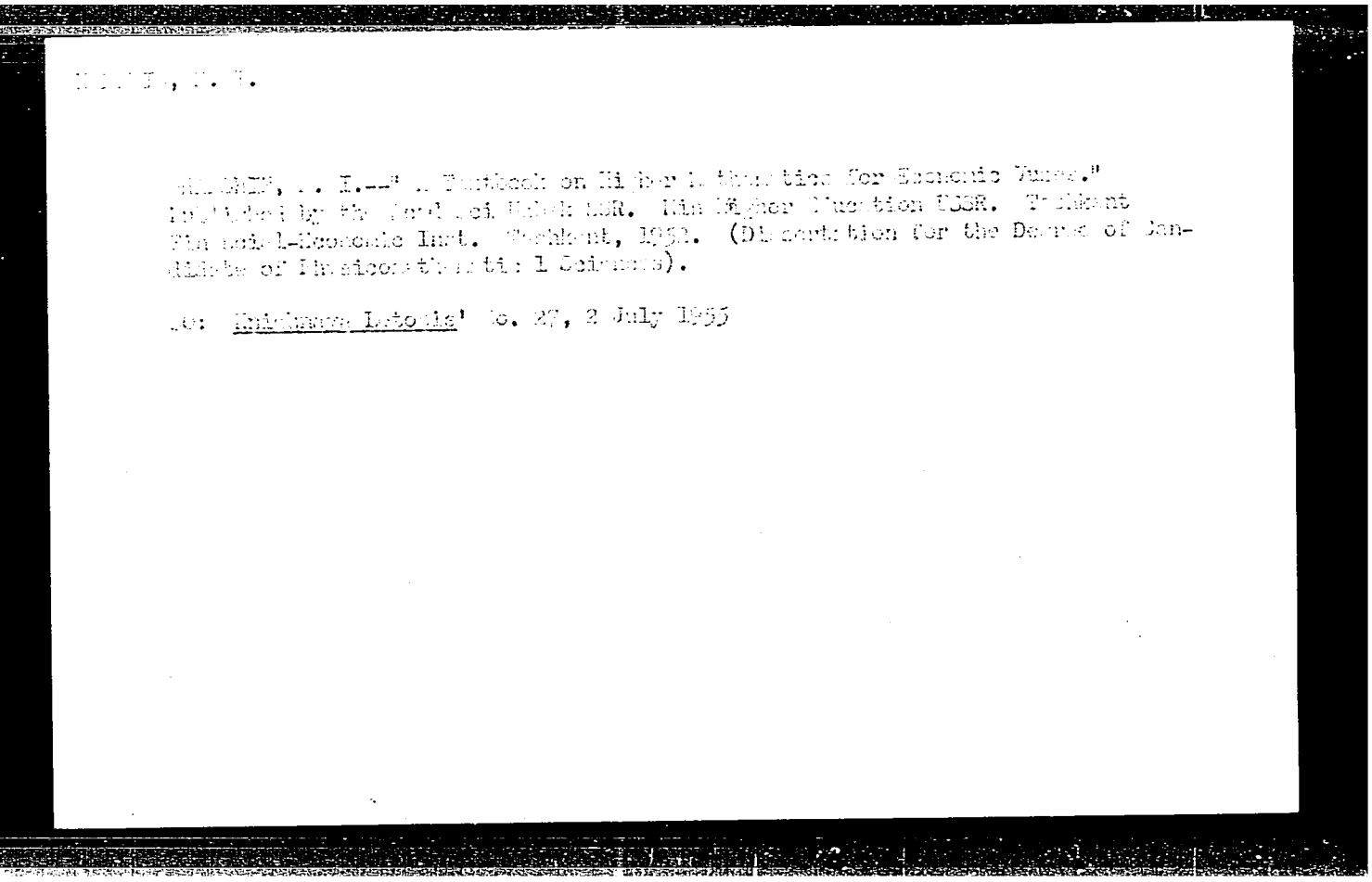
USSR/Communications - Development Nov 1946
Communications - Maintenance and repair

"Some Conditions of Reconstruction and Development of Communications in Large Cities of the USSR," M. A. Shamshin, 7 pp

"Vestnik Svyazi - Elektro Svyaz'" No 11 (80)

Discusses methods of evaluating operations of municipal communications networks with the objective of improving service and securing data for the development of new communications networks. Well illustrated. Deals at some length with transformer and booster sub-stations.

19T101



[illegible], . . I.--" . Textbook on Higher Education for Economic Vuzes."
[illegible] by the Komitet po Delam Vysshei Shkoly SSSR. Vysshee Obrazovanie SSSR. Tashkent
Filial-Ekonomicheskii Inst. Tashkent, 1952. (Dissertation for the Degree of Candidate of Pedagogical Sciences).

SO: Knizhnaya Letopis' No. 27, 2 July 1955

В. В. Фураев,
С. И. Кречмер

Текущая автокорреляция речевого сигнала.

9 июня
(с 18 до 22 часов)

И. Д. Симонов,
С. Г. Корсунский

Электромузыкальные инструменты

В. С. Мальцовский

О возможности правильной передачи движения кажущегося источника звука при стереофоническом и псевдостереофоническом воспроизведении

Л. И. Кононович

Стереофоническое воспроизведение звука

10 июня
(с 10 до 16 часов)

В. А. Нюренберг,
Н. А. Шамшин

Контроль и измерение трактов в крупных системах проводного вещания.

А. С. Голубчик

Методы коррекции соединительных линий трактов в крупных системах проводного вещания

В. М. Яхно

Полупроводниковые корректирующие усилители МГРС для соединительных линий.

В. А. Нюренберг

Новый прибор для дистанционного измерения качественных показателей в проводном вещании

10 июня
(с 18 до 22 часов)

Н. Д. Никифоров

Звукоусилительные станции на полупроводниковых элементах.

Н. И. Павлов

Анализ нелинейных искажений, возникающих при воздействии на нелинейную систему одним и двумя синусоидальными токами

11 июня
(с 10 до 16 часов)

ВЫЕЗДНОЕ ЗАСЕДАНИЕ НА МОСФИЛЬМЕ

М. З. Высоцкий

Новая система широкоформатного стереофонического кинематографа с демонстрацией экспериментального фильма, снятого по этой системе.

report submitted for the Centennial Meeting of the Scientific Technological Society of Radio Engineering and Electrical Communications im. A. S. Popov (VNORIE), Moscow, 8-12 June. 1959

SHAMSHIN, V.A.

Felling age of the larch forests of Kamchatka. Vop. geog. Kamch. no. 2:112-113 '64 (MIRA 19:1)

SHAMSHIN, V.M., inzh.; BURGUN, A.K., inzh.; IL'IN, A.G., inzh.

System of air dehumidification in tanks of the tanker "Peking."
Sudostroenie 26 no.8:18-22 Ag '60. (MIRA 13:10)
(Tank vessels--Corrosion)

USSR/Electronics - Personalities Mar 51
Nizhegorodskaya Radio Laboratory

"An Outstanding Soviet Scientist (Honoring the 70th Birthday and 50th Year of Scientific Activity of V. P. Vologdin)," V. Shamshin

"Radio" No 3, pp 8, 9

Vologdin is credited with the development of inf elec machines used in naval ship-shore communications equipment, the application of high-voltage mercury rectifiers, the development of equipment for surface hardening of metals (awarded Stalin prize in 1943 for work in this fld), and the

188T28

188T28

USSR/Electronics - Personalities (Contd) Mar 51

organization of the radio industry. Vologdin began teaching at Nizhegorodskaya Radio Lab and continued at Sci Res Inst of High Frequencies.

188T28

SHAMSHIN, V.

MURADYAN, Ashot Gerigenovich; SHAMSHIN, Valentin Maksimovich; BORISOV, Aleksandr Ivanovich; MIKIRTICHAN, Grigoriy Makertitivich; RIZKIN, I.Kh., otv. red.; VOLODARSKAYA, V.Ye., red.; CHURAKOVA, V.A., tekhn. red.

[Use of transistors in long-distance telecommunication equipment] Primenenie tranzistorov v apparature dal'nei sviazi. Moskva, Sviaz'izdat, 1963. 71 p. (MIRA 16:7) (Transistors) (Telecommunication--Equipment and supplies)

IONTOV, L.Ye.; KOVALEV, S.M.; PUSTOVOYTENKO, O.D.; SHAMSHIN, V.M.; YARTSEV, G.Ye.; IONTOV, L.Ye., otv. red.; BOGACHEVA, G.V., red.; ROMANOVA, S.F., tekhn. red.

[24-Channel apparatus for multiplexing cable communication lines] 24-kanal'naia apparatura uplotneniia kabel'nykh linii; informatsionnyi sbornik. [By L.E.Iontov i dr.] Moskva, Sviaz'izdat, 1963. 184 p. (Telephone) (MIRA 16:6)

S/106/63/000/003/002/004
A055/A126

AUTHOR: Shamshin, V.M.

TITLE: Basic parameters of transistorized amplifiers with combined feedback

PERIODICAL: Elektrosvyaz', no. 3, 1963, 15 - 21

TEXT: A set of formulae is given, permitting the calculation of the basic parameters of transistorized amplifiers with combined (series and parallel) feedback shown in Figure 1, where the four-poles B_1 and B_2 are replaced by the two-terminal networks Z_1 and Z_2, respectively (the arrows indicating the direction of currents and voltages assumed as positive). The basic parameters are (subscripts 1 and fb standing for load and feedback, respectively):

voltage amplification factor with feedback: $$K_{1fb} = \frac{U_1}{U_{inp}} = \frac{K_1}{1 \lfloor \beta_{11} + \beta_{12} \rfloor K_1}, \quad (3)$$

" " " " " : $$K_{Efb} = \frac{U_1}{E_{gen}} = \frac{K_E}{1 \lfloor \beta_{E1} + \beta_{E2} \rfloor K_E}, \quad (4)$$

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Basic parameters of transistorized amplifiers ....

current amplification factor with feedback: $$K_{cfb} = \frac{K_c}{1 + [\gamma_1 + \gamma_2] K_c}, \quad (5)$$

input impedance with feedback: $$z_{inp\ fb} = z_{inp} \frac{1 + [\beta_{11} + \beta_{12}] K_1}{1 + [\gamma_1 + \gamma_2] K_c}, \quad (6)$$

output impedance with feedback: $$z_{out\ fb} = z_{out} \frac{1 + \delta_1 + \delta_2}{1 + \xi_1 + \xi_2}. \quad (7)$$

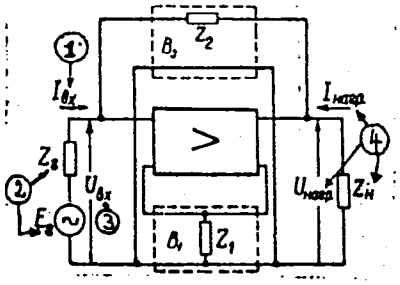
In these formulae, K_1, K_E, K_c, z_{inp} and z_{out} are, respectively, the voltage amplification factors, the current amplification factor and the input and output impedances of the amplifier without feedback; β_{11} and β_{E1} are series voltage feedback factors corresponding to two determinations of voltage amplification K_1 and K_E, respectively; β_{12} and β_{E2} are parallel voltage feedback factors in the amplifier subjected to series feedback; γ_1 is the series current feedback factor; γ_2 is the parallel current feedback factor in the amplifier subjected to series feedback. Accurate (and rather cumbrous) and approximate (and simple) formulae giving the various feedback factors (β_{11}, β_{12}, β_{E1}, β_{E2}, γ_1, γ_2, δ_1, δ_2, ξ_1, ξ_2) are listed in a table. The author considers next the case

Basic parameters of transistorized amplifiers ....

of amplifiers with heavy feedback. Here also, formulae are deduced giving the basic parameters ($K_{1\ fb}$, $K_{E\ fb}$, $K_{c\ fb}$, $z_{inp\ fb}$ and $z_{out\ fb}$). The case of matched impedances at the input and output of an amplifier with combined heavy feedback is examined. A numerical example of the calculation of an amplifier with combined heavy feedback is reproduced. There are 2 figures and 2 tables.

SUBMITTED: May 8, 1962

Figure 1: 1 - inp; 2 - gen; 3 - inp; 4 - 1.



Card 3/3

SHAMSHIN, V.M., inzh.; MUNDINGER, A.A.

Modernizing the air heating system on the lumber carrier "Pavlin Vinogradov." Sudostroenie 30 no.1:47-49 Ja '64.
(MIRA 17:3)

SHAMSHIN, V.M., inzh.; MONINGER, A.A., inzh.

Ventilation of engine and boiler rooms on large-tonnage ships with steam turbine power plants. Sudostroenie no.6:20-23 Je '65.
(MIRA 18:8)

[illegible], T.V.; SHAKHOV, V.M.

Development of the design of systems of transport ships.
Sudostroenie no. 11:25-29 N '65 (MIRA 19:1)

L 36950-66 EWT(1) RO/GD

ACC NR: AT6017935 (N) SOURCE CODE: UR/0000/65/000/000/0005/0044

AUTHOR: Shamshin, V. M.

ORG: none

TITLE: Present and future developments in air conditioning on seagoing vessels

SOURCE: Vsesoyuznaya konferentsiya po elektrosnabzheniyu i konditsionirovaniyu vozdukha na transporte. Riga, 1965. Energosnabzheniye i konditsionirovaniye vozdukha na transporte (Power supply and air conditioning in transportation); materialy konferentsii. Riga, Izd-vo Zinatne, 1965, 5-44

TOPIC TAGS: air conditioning equipment, ships, marine equipment

ABSTRACT: The author describes air conditioning systems on Soviet vessels and plots projected developments in this area. The cost of air conditioning for freighters is 1.5 to 2.5% and for passenger ships 5.0 to 8.0% of the total cost of the vessel. The required plant capacity in warm weather for freighters is 50 to 160 kw and for passenger ships up to 300 kw. In accordance with the health regulations the outside air parameters used to calculate the requirements for air conditioning in Soviet ships with unlimited cruising range are as follows: summer: temperature 34°C, relative humidity 80%, which corresponds to heat content of $24.6 \cdot 10^3$ cal/kg of air, winter: temperature 25°C, relative himidity 85%. Under these conditions, the inside temperature has to be

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L 38950-66

ACC NR: AT6017935

maintained in summer and in winter at a relative humidity of about 50%. Ship air conditioning systems are designed by a central organization and manufactured by specialized factories and, in some instances, by ship yards. Various types of air conditioning systems are utilized in seagoing vessels, such as the low velocity (or low pressure), high velocity (or high pressure), autonomous systems and several modifications of these types. In the majority of air conditioning systems, Freon 12 (CF_2Cl_2) is utilized as the coolant. Domestic cargo carrying vessels use plants with a cooling capacity of 30,000, 60,000, 90,000 and 180,000 thousand calories per hour. Beginning in 1967 direct evaporation plants will be in increasingly wider use on Soviet ships. At the present time the development of ship air conditioning in Soviet vessels is progressing in the following directions: 1. Series of standard central air conditioning plants with direct evaporation refrigerators and, alternately, with intermediate heat carrier systems. Such plants will be delivered complete with devices for automatic control. 2. Series of refrigerating machines having adjustable output for air conditioning. 3. Hygienic filters from synthetic materials. 4. Silent fans and mufflers. 5. Standard ducts from synthetic materials. 6. Reliable pneumatic and electrical regulating modules and, in particular, much more reliable and accurate humidity transducers. The author also describes dehumidifying systems for cargo ships. Systems using humidity-absorbing liquids in cyclon-foam type apparatus are promising and currently under consideration in the Soviet Union. The use of inert gases (combustion products of liquid fuel) for lowering oxygen content in the holds of the tankers offers convenient means for humidity control, leading to reduction of fire danger and structural corrosion. Future deve-

Card 2/3

ACC NR: AP6026503 (N) SOURCE CODE: UR/0066/66/000/005/0006/0009

AUTHORS: Shamshin, V. M.; Mundinger, A. A.

ORG: none

TITLE: Calculation of two-stage high speed air conditioning systems for marine application

SOURCE: Kholodil'naya tekhnika, no. 5, 1966, 6-9

TOPIC TAGS: air conditioning equipment, marine equipment

ABSTRACT: The two major types of air conditioning systems (with intermediate cooling fluid circulation and with direct cooling fluid evaporation) shown in Figs. 1 and 2 are described and discussed. The procedure for calculating size of unit and associated controls required for marine application is described and demonstrated. Recommendations as to the type of equipment and controls to be chosen for typical marine applications are given.

UDC: 628.83:629.12.001.24

Card 1/2

ACC NR: AP6026503

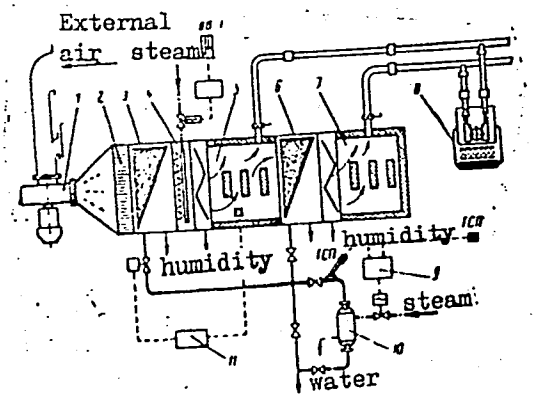

Fig. 1. Air conditioning system with intermediate coolant circulation: 1 - high pressure fan; 2 - filter; 3 - primary heat exchanger; 4 - humidifier; 5 - primary air distribution chamber; 6 - secondary heat exchanger; 7 - secondary air distribution chamber; 8 - ceiling air distributors; 9 - differential temperature regulator; 10 - steam water heater; 11 - proportional temperature regulator

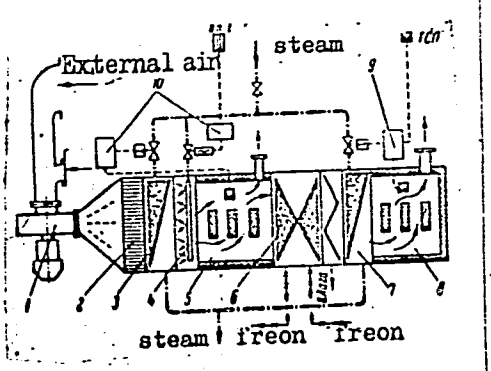

Fig. 2. Air conditioning system with direct coolant evaporation

Orig. art. has: 4 figures and 2 formulas.

Card 2/2 SUB CODE: 13/ SUBM DATE: none

MIKHAYLOV, V.G., prof., doktor tekhn.nauk; SIMILEYSKIY, M.G., dots., kand.tekhn.nauk; RYLEV, E.V., starshiy prepodavatel', kand. tekhn.nauk; SHAMSHIN, V.N., assistent

Investigation and selection of boring machine cutter bits. Trudy NPI 80:3-121 '59. (MIRA 13:12)
(Boring machinery)

SHAMSHINA, M.

On the Influence of Rapid Re-warming on Blood Pressure and Respiration in Acute Hypothermia.

Bull. Exper Medicine, 15, 1943, 1-2, 60-62

SHAMSHINA, M. F.; GAVRILOVA, G. P.; DAVIDSON, S. B.; BUDUNOVA, A. A.

"The Organization of the Treatment of Children with Chronic Dysentery," Avtoreferaty Dokladov 19-y Nauchnoy Sessii Saratovskogo Gosudarstvennogo Meditsinskogo Instituta, Saratov, 1952, pp 237, 238.

SHERISHORINA, S.I.;DAVIDSON, S.B.;MERINA, A.Ye.;BODUNOVA, V.A.;SHAMSHINA, M.F.; GAVRILOVA, T.P.

Certain data on the treatment of chronic dysentery in children with methylene blue with phthalazole. Pediatriia, Moskva no.3:24-26 May-June 1953. (CIML 25:1)

1. Professor for Sherishorina; Docent for Davidson; Assistant for Merina; Physicians of Children's Home No. 2 for Bodunova, Shamshina, Gavrilova.
2. Of the Department of Microbiology (Head -- Prof. S. I. Sherishorina) and the Department of Faculty Pediatrics (Head -- Docent S. B. Davidson) of Saratov Medical Institute.

Gynecology

Mechanism of development of pseudopegnancy. Akush. i gin. no. 5, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, DECEMBER 1952. UNCLASSIFIED

SHAMSHINA, T.T.

Comparative evaluation of the effects of Gordeev's solution and novocaine block in chronic cervicitis and stubborn erosions. Akush. i gin. no.6:69-72 N-D '54. (MLRA 8:2)

1. Iz 1-y akusherako-ginekologicheskoy kliniki (dir.-prof.A.A.Kogan) Tashkentskogo meditsinskogo instituta imeni V.M.Molotova.

(CERVIX, UTERINE, diseases
erosion, ther. Gordeev solution & procaine block)
(CERVICITIC, ther.
procaine block & Gordeev solution, evaluation)
(PROCAINE, ther. use
cervicitic & cervical erosion)
(ANESTHESIA, REGIONAL, ther. use
procaine block in cervicitis & cervical erosion)

1. VLADOS, Th. Kh., Prof., SHAMSHINA, E. V.
2. USSR (600)
4. Leukemia
7. Reticulosis and hemocytoblastosis. Terap. arkh. 24, No. 6, 1952.

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

USSR/Human and Animal Physiology - Blood Hematogenesis. T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45881

Author : Bogdanov, A.A., Rauchenbakh, M.O., Rogachova, L.S., Shepshelevich, L.L., Shamshina, Ye.V.

Inst :

Title : The Significance of the Functional State of Bone Marrow Hematogenesis during the Development of Acute Radiation Sickness.

Orig Pub : Probl. gematol. i perelivaniya krovi, 1956, 1, No 6, 9-13.

Abstract : Thirteen dogs were irradiated with 600 r dosages. Prior to such irradiations, six of them were subjected to 3 bloodlettings (8; 15-20 ml/kg) with 5-day intervals. Four to five days after the 3rd B, an acute irritation of the red outgrowth of the bone marrow (BM) was observed. Irradiations were then performed on that particular area. In 5 of the survived dogs the course of r

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Out of 20 tests in which constriction at a temperature of 20-22° C lasted for 10 minutes, in 6 cases restoration of life functions took place. Most of the animals were able to walk and to react to sound and light stimuli 1-1½ hours after they were released from the operating table. Four to seven hours after restoration has occurred, however, the animals' condition became poor, and they died within 10-18 hours. One to three minutes after vein constriction, heart contraction frequency was greatly reduced (by 30 percent). After 5 to 6 minutes, contraction frequency increased, almost reaching its initial level. Thereafter, beginning with the 7th-8th minute, contraction frequency diminished again. When a 7-minute long vein constriction was indicated at a temperature of 25° C, 5 of the cases presented restored life functions. Four cats died during the period of being warmed up. When supercooling reached a 25° C level, blood pressure amounted to 50 percent,

Card 2/3

- 12 -

A part of cellular BM elements retains their normal functions and regenerative abilities in such cases where radiation sickness occurs at a greatly increased CH. This fact was confirmed by dynamic studies of BM specimens obtained by puncture. Thus, it may be disclaimed with a great deal of probability that hypoxia plays a leading role. It is, however, quite possible that as a result of temporary hypoxia the genesis of hemopoietic substances which stimulate BM activities becomes intensified. -- A.D. Maborodova

Card 3/3

T-15

USSR/Human and Animal Physiology (Normal and Pathological).
Effects of Physical Factors. Ionizing Radiation.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51439

Author : Shamshina, Ye.V., Nikolayeva, N.V., Belyayeva, D.F.

Inst :

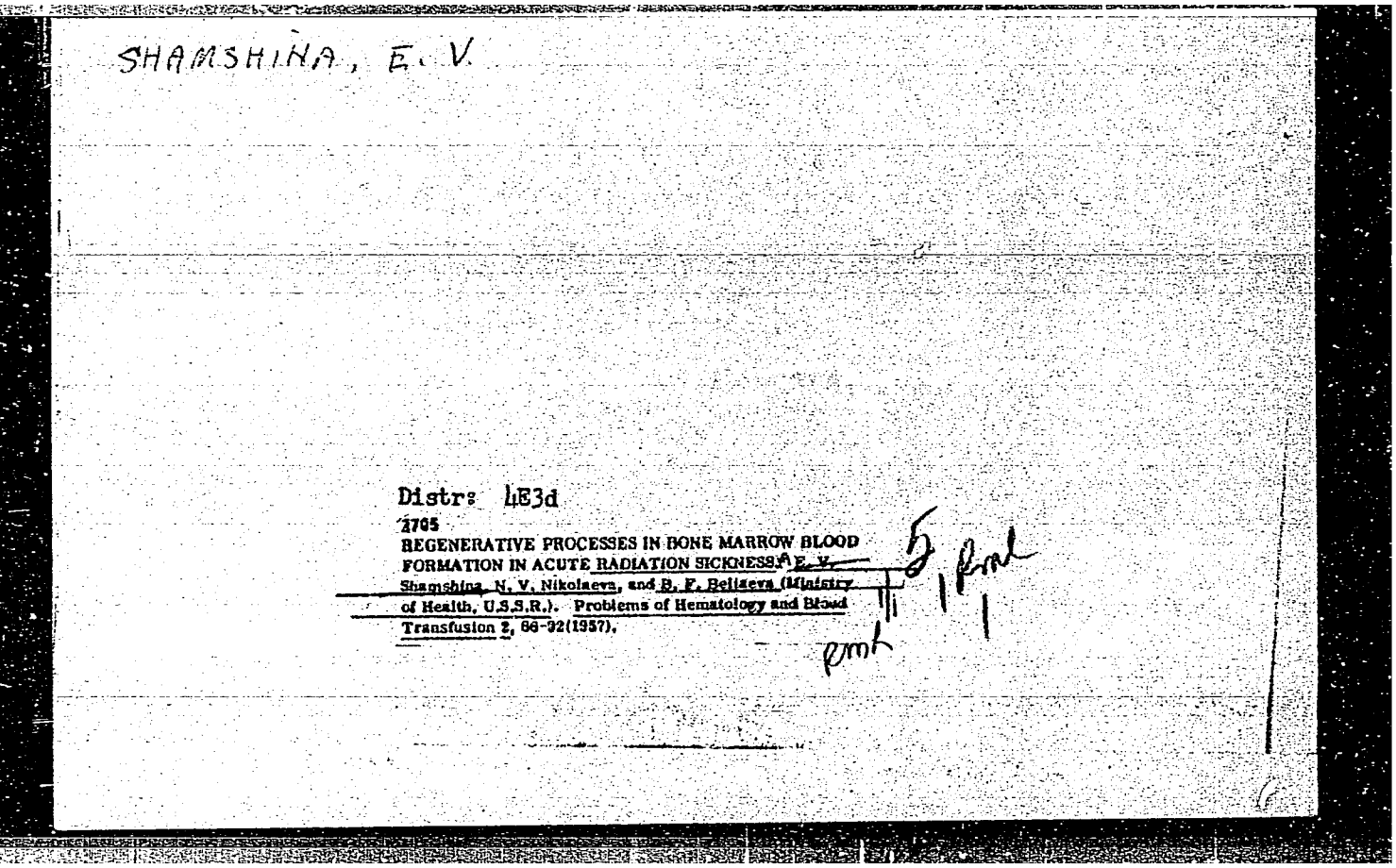
Title : Regeneration Processes of Bone Marrow Hematogenesis in Acute Radiation Sickness.

Orig Pub : Probl. gematol. i perelivaniya krovi, 1957, 2, No 2, 13-17, 63

Abstract : The role of red and white bone marrow markings in processes of hematogenetic regeneration were analysed. Functional investigation data of smears from specimen obtained through a sternal puncture of 75 dogs, who were subjected to general roentgen irradiation with a 600 r dosage (and subsequent therapy) were used. The processes were directly connected with the functional state of erythropoiesis. It is to be assumed that restoration of active

Card 1/2

hematogenesis is initiated by erythroid elements. [illegible] aplasia of bone marrow a peculiar reticulosis [illegible] of reticular

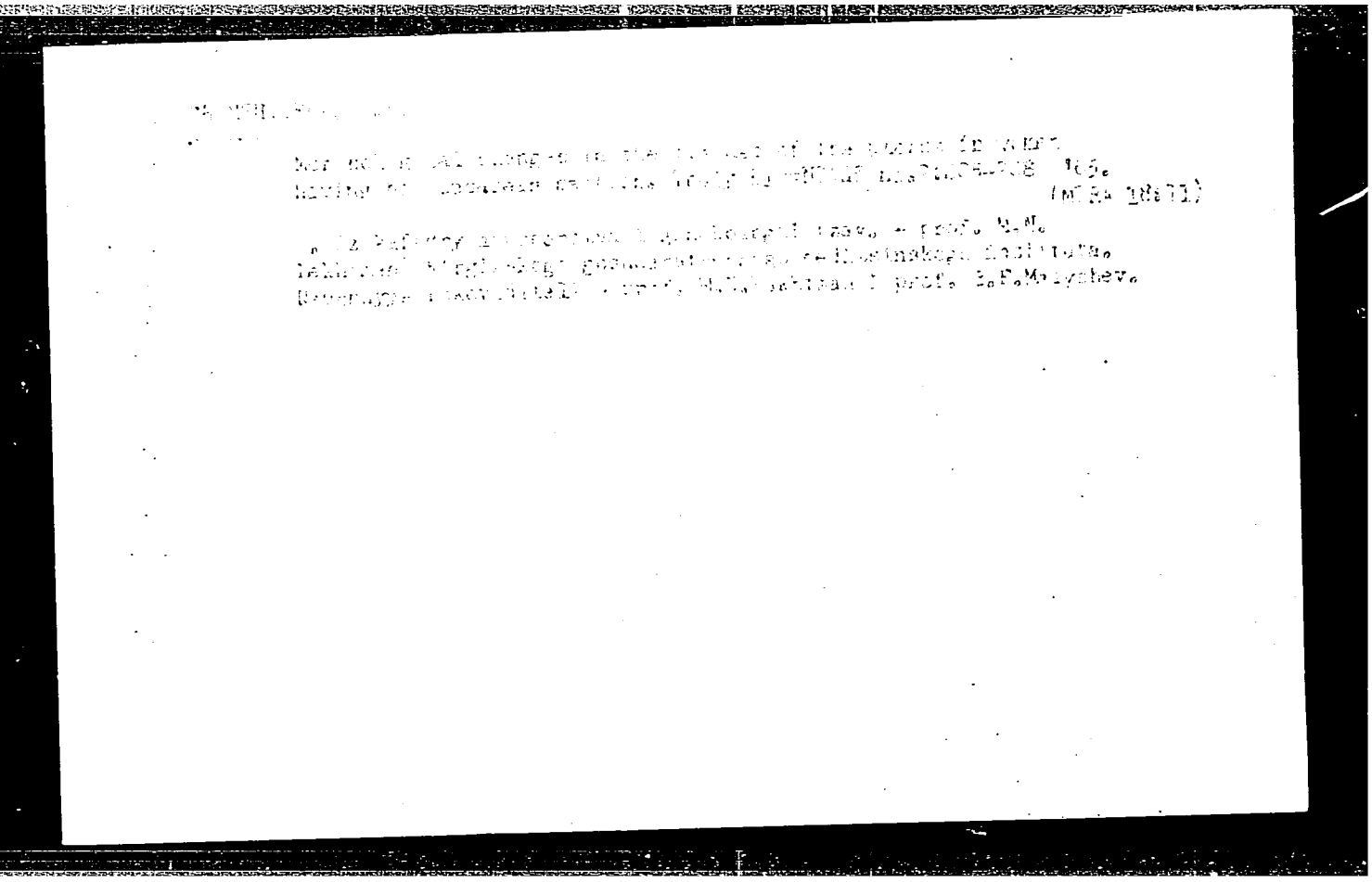


SHAMSHINA, E. V.

Distr: 4E3d

1705

REGENERATIVE PROCESSES IN BONE MARROW BLOOD FORMATION IN ACUTE RADIATION SICKNESS. E. V. Shamshina, N. V. Nikolaeva, and B. F. Beliaeva (Ministry of Health, U.S.S.R.). Problems of Hematology and Blood Transfusion 2, 86-92(1957).



SHAMSHTEYN, M.G.; VALUYSKIY, B.V.; FEYST, A.K.; PODLESNYKH, S.N.; RUD', R.U.

Printer for additive printing of color films. Tekh. kino i telev. 4 no.8:12-20 Ag '60. (MIRA 13:8)

1. Nauchno-issledovatel'skiy kinofotoinstitut, i Moskovskaya fabrika massovoy pechati tsvetnykh fil'mov.
(Color photography--Printing processes)
(Motion-picture photography--Equipment and supplies)

BERNSHTEYN, N.D.; GOLOD, I.S.; GOLOSINSKIY, S.Ya.; ZAYTEV, A.N.; POGORELOV, E.M.; SMIRNOV, S.V.; SHAMSHTEYN, M.G.; SHMAKOV, A.G.

23KTK-1 motion-picture contact printer set. Tekh.kino i telev. 4 no.10:10-19 0'60. (MIRA 13:10)

1. TSentral'noye konstruktorskoye byuro Ministerstva kul'tury SSSR i Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut, Laboratoriya obrabotki tsvetnykh fil'mov.
(Motion-picture photography--Equipment and supplies)
(Color photography--Printing processes)

SHAMSHULA, I. [Samsula, J.]

Measurement of frequency spectra of seismic signals. Prace ust naft 18:42-43 '61.

BERG, Aksel' Ivanovich, akademik, Geroy Sotsialisticheskogo Truda;
SHAMSHUR, V.I., red.

[Selected works] Izbrannye trudy. Moskva, Izd-vo "Energiia."
Vol.1. 1964. 167 p. (MIRA 17:6)

SHAMSHUR, V. I.

SHAMSHUR, V.

Radiolokatsiia vchera i segodnia. (Oktiabr', 1946, v. 23, no. 12, p. 104-120)
Title tr.: The radar yesterday and today.

AP50.045 1946

SC: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

SHAMSHUR, V. I.

Radiolokatsiia. [Radar]. Moskva, Gosenergoizdat, 1949

Radiolokatsiia i ee primenenie. [Radar and its application]. (Planovoe khoz-vo, 1946, no. 6, p. 66-74). DLC: HC331.P52.

Radiolokatsiia vchera i segodnia. [Radar yesterday and today]. (Oktiabr', 1946 no. 12, p. 104-120.) DLC: AP50.045

SO: Soviet Transportation and Communications, A Bibliography, Libra y of Congress, Reference department, Washington, 1951, Unclassified.

SHAMSHURA, V. T.

Teoriya i Tekhnika Radiolokatsii (Theory and technique of radiolocation), 163 pp., Mil. Publ. of the Min. of the Armed Forces, USSR, Moscow, 1947.

SHAMSHUR, V. I.

USSR/Academy of Sciences
Electricity

Jul/Aug 48

"First Laureate of the Gold Medal Imeni A. S. Popov," V. I. Shamshur, 4 pp

"Radiotekh" Vol III, No 4

Short biographical sketch of Valentin Petrovich Vologdin, Corr Mem, Acad Sci USSR, Laureate of Stalin Prize, awarded First Gold Medal imeni Popov. Lists some of his notable achievements in field of high-frequency transmissions.

[redacted]

6/49T1

SHAMSHUR, V. I.

D-44 SHAMSHUR, V. I. Tekhnika radiolokatsii (Techniques of radar), translated from English, ed. by V. I. Shamshur. Moscow, Voyenizdat, 1964. n.p. DLC TK6575.F518; SUNF No. 196-R; FRD Micro (Pt.I, II).

This translation of the work on radar omits the history of radar contained in the English original and introduces radar, in the editor's preface, as essentially a Soviet invention.

SHAMSHUR, V.I.

[Radar] Radiolokatsiia. Moskva, Gos.energ. izd-vo, 1949. 79 p. (MLRA 8:11)
(Massovaia radiobiblioteka, vyp.37)
(Radar)

SHAMSHUR, V. I.

"Review of G. I. Colovin's Book, 'A. S. Popov, Inventor of Radio,'" Radiotekhnika, No. 2, 1949.

SHNEYER, V.

"Review of Book 'People of the Progressive Science', Compiled and Edited I. V. Kuznetsov, and M. A. Shatelen's 'Russian Electrical Engineers of the Second Half of the Nineteenth Century'," Radio, No. 5, 1949.

SHAMSHUR, V.

20716. Shamshur, V. Sozdatel' shkoly sovetskikh radiospetsialistov. /K 10-letiyu so dnya smerti M.V. Shuleykina/. Radio, 1949, No. 6, s. 6-7, s portr

SO: LETOPIS ZHURNAL'NYKH STATEY - Vol. 28, Moskva, 1949

SHAMSHURA, V.I., redaktor.

[Radio amateur's handbook] Spravochnaia knizhka radioliubitelia. Moskva, Gos. energ. izd-vo, 1951. 319 p. (Massovaia radio-biblioteka, vyp. 128). (MLRA 7:3)

(Radio--Amateur's manuals)

SHAMSHUR, V. I.

USSR/Electricity - Literature May 51

"'An Eyewitness' (Review of M. A. Shatelen's Book, "Russian Electrical Engineers, 1859-1900")," V. I. Shamshur

"Radio" No 5, p 63

Gosenergoizdat published 2 editions of above books, 1949 and 1950. First part of book treats elec and magnetic phenomena, electrification, etc. Remainder recounts achievements of well-known Russian scientists, many of whom Shatelen knew personally.

182T48

USSR/Radio - Television Dec 51

"Behind the Scenes in American Television," V. Shamshur

"Radio" No 12, pp 59,60

Uses excerpts from "Electronics" and "Frequency Modulation-Television" to prove that all the modernizations and improvements in US television sets are nothing but money-making schemes of the manufacturers. Discusses the "scandal" of US color television, where the Supreme Court "is to

208T103

USSR/Radio - Television Dec 51
(Contd)

'study the matter' (decide which side will offer the largest bribe)". Also observes that color television has actually not reached a sufficient level of technical perfection.

208T103

SHAMSHUR, V.

SHIRSHOV, V. I.

A. S. Popov i sovetskaia radiotekhnika (A. S. Popov and the Soviet radio engineering). Moskva, Voennoe izd-vo, 1953. 174 p.

SO: Monthly List of Russian Accessions, Vol 6, No. 3, June 1953

SHAMSHUR V.I.

VVEDENSKIY, B.A., akademik, redaktor; SHAMSHUR, V.I., redaktor; URAZOVA, A.N., tekhnicheskiy redaktor.

[Mikhail Vasil'evich Shuleikin; collection of articles] Mikhail Vasil'evich Shuleikin; sbornik statei. Pod red. B.A.Vvedenskogo. Moskva, Sovetskoe Radio, 1952. 132 p. [Microfilm] (MLRA 7:10)
(Shuleikin, Mikhail Vasil'evich, 1884-1939)

SHAMSHURA, V. I.

Amateur Radio Operator's Handbook, State Energetics Publishing House, Moscow-Leningrad, 1952.

Book-CS-G-EG-1205

SHAMSHUR, V.

"Lenin's concern for the development of radio technology."

So. Radio, Vol. 1, p. 3, 1952

SHAMSHUR, V.

Popov, Aleksandr Stepanovich, 1859-1906

Valuable work dedicated to A. S. Popov.
Radio No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

SHAMSHUR, V.

"An eminent figure in the radio-technology of our homeland."

So. Radio, Vol. 7, p. 26, 1952