ALEKSEYEV, A.V.

Classification key for borers of the genus Agrilus Curtis (Coleoptera, Buprestidae) in the European part of the U.S.S.R. Sbor. rab. po ekol. i sist. zhiv. no.1:3-25 '59. (MIRA 15:1)
(Borers (Insects))

ALEKSEYEV, A.V.

Recent data on the synonymics of borers of the genus Agrilus Curtis (Coleoptera, Buprestidae) from the fauna of the U.S.S.R. and the Chinese People's Republic. Sbor. rab. po ekol. i sist. zhiv. no.1: 26-27 '59. (MIRA 15:1)

(Borers (Insects))

ALEKSEYEV, A.V.

Borers (Coleoptera, Buprestidae) hitherto unknown in the fauna of the U.S.S.R. Sbor. rab. po ekol. i sist. zhiv. no.1:28-30 '59.
(MIRA 15:1)
(Borers (Insects))

ALEKSEYEV, A.V.

Morphology and systematics of larvae of some buprestid species of the genus Agrilus Curt, occurring in the European part of the U.S.S.R. (Coleoptera, Buprestidae). Zool. zhur. 39 no. 10:1497-1510 O '60. (MIRA 13:11)

1. Orekhovo-Zuevo Pedagogical Institute.
(Borers (Insects)) (Larvae--Insects)

ALEKSEYEV, A.V., inzh.

Determining the location of damaged cable sheaths by radioactive isotopes. Avtom., telem.i sviaz' no.9:3-5 S '57. (MIRA 11:4)
(Electric cables)
(Radioisotopes--Industrial applications)

1. ALEKSEYEV, A. V.

2. USSR (600)

4. Convulsions

7. Treatment of convulsions in 4-6 year old children with E. I. Karmanova's tablets. Zhur.nevr. i psikh. 52 no. 11, 1952

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

ALEKSEYEV, A.V., vrach

Something to be kept in mind. Zdorov'e 1 no.7:11-12 Jl '55(MLRA 9:5)

(ALCOHOL--PHYSIOLOGICAL EFFECT) (CHILDREN--CARE AND HYGIENE)

ALEKSEYEV, A.V.,

The imaginary sick. Zdorov'e 1 no.10:14-15 O '55 (MLRA 9:5)

(HYPOCHONDRIA)

RYBKIN, I.N.; ALEKSEYEV, A.V.; FEL'DMAN, S.B. (Moskva)

Treatment of stenocardia with novocaine block of the sympathetic ganglia and cardio-aortic plexuses. Klin.med. 37 no.8:82-87 Ag '59. (MIRA 12:11)

1. Iz propedevticheskoy terapevticheskoy kliniki (dir. - deystvitel'nyy chlen AMN SSSR prof.V.Kh.Vasilenko) I Moskovskogo instituta imeni I.M.Sechenova.
(ANGINA PECTORIS, therapy)
(ANESTHESIA, CONDUCTION)

ALEKSEYEV, A.V.

Medical researcher. Zdorov'e 6 no.5:6-8 My '60. (MIRA 13:6)

(MASLOV, MIKHAIL STEPANOVICH, 1885-)

ALEKSEYEV, A.V., vrach-psikhiatr

Mysterious manifestations of the human spirit by L.L. Vasil'ev. Reviewed by A.V. Alekseev. Zdorov'e 6 no.7:29 Je '60. (MIRA 13:7)

(MIND AND BODY)

ALEKSEYEV, A.V., vrach-psikhiatr

Stop in time! Zdorov'e 7 no.8:20-21 Ag '61. (MIRA 14:9)
(ALCOHOLISM)

ALEKSEYEV, A.V., vrach-psikhiatr

Lethargy. Nauka i zhizn' 28 no.4:77-78 Ap '61. (MIRA 14:5)
(LETHARGY)

ALEKSEYEV, A.V., vrach-psikhiatr

Exorcised blood. Nauka i zhizn' 28 no.12:90-94 D '61.
(MIRA 15:2)

(Mental suggestion)

ALEKSEYEV, Anatoliy Vasil'yevich; STAROSTENKOVA, M.M., red.; RAKITIN, I.T., tekhn. red.

[Disposition and health]Nastroenie i zdorov'e. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no.20) (MIRA 15:12)
(MENTAL HYGIENE)

ALEKSEYEV, A.V., vrach-psikhiart

Hunger cure. Nauka i zhizn' 29 no.2:79-81 F '62. (MIRA 15:3)
(FASTING)

ALEKSEYEV, A.V., vrach-psikhiatr

Four temperaments. Nauka i zhizn' 29 no.5:90-92 My '62.
(MIRA 15:11)

(Temperament)

ALEKSEYEV, A.V., vrach-psikhiatr

Veiled reflex. Nauka i zhizn' 30 no.1:97-99 Ja '63.
(MIRA 16:4)

(REFLEXES) (REASONING(PSYCHOLOGY))

AUTHOR: Alekseyev, A. V.; Dmitriyev, A. Ia.

TITLE: Coupling of coaxial resonators via small holes

CITED SOURCE: Izv. elektrotekh. in-ta, vyp. 52, 1964, 57-73

TOPIC TAGS: coaxial resonator, coaxial resonator coupling, small hole coupling

Card 1/1 SUB CODE: EC ENCL: 00

ALEKSEYEV, N.YE.

Significance of the central nervous system in pharmodynamics of some vapor-phase drugs administered in respired air. A. B. Alekseev (Sci. Research Inst. Remedial Surg. Orthopedics, and Traumatol., Gorki). *Farmakol. i Toksikol.* 18, No. 6, 22-4(1955).—Tests with rats and frogs show that the pharmacodynamics of vapor-phase narcotics ($CHCl_3$, formalin, paraldehyde) will vary in accord with how closely the central nervous system maintains its regulatory control over the functioning of pulmonary membranes. Julian P. Smith

MD

KULEV, Nikolay Nesterovich; NOSOV, N.T., otv.red.; ALEKSEYEV, A.Ya., spetsred.; KUZ'MINA, V., red.; NIKOLAYEVA, T., tekhn.red.

[Preliminary processing of the Atlantic herring; manual for headfishermen working on fishing ships] Pervichnaia obrabotka atlanticheskoi sel'di; posobie dlia rybmasterov promyslovykh sudov. Kaliningrad, Kaliningradskoe knizhnoe izd-vo, 1960. 78 p. (MIRA 14:2)

(Herring fisheries)

T

USSR/Human and Animal Physiology - The Nervous System.

Abs Jour : Ref Zhur Biol., No 3, 1959, 13247

Author : Alekseyev, A.Ye., Shishulina, G.P.

Inst :

Title : Data on Status of Cortical Processes in Children with Poliomyelitis

Orig Pub : Zh. vyssh. nervn. deyat-sti, 1957, 7, No 3, 381-388

Abstract : In 8 children from 10 - 16 years of age, who underwent tendon-muscle plastic surgery, a study was made of conditioned reflex activity developed by the motor technique with verbal support. Restoration of the function of the transplanted muscles occurred more rapidly in children of the stimulated group. In 40 children with residual manifestations of poliomyelitis without application of tendon-muscle plastics there were revealed a disturbance of the normal relationships between stimulatory and inhibitory processes,

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ALEKSEYEV, A.Ye.; VORONTSOV, D.V.; LEONT'YEVA, A.A.; TELESHEVA, N.I.; SHATUNOVSKAYA, Ye.G.

Problem of the permeability (resorption) of the capillaries in transplanted skin under experimental and clinical conditions. Ortop.,travm.i protez. 20 no.11:36-42 N '59. (MIRA 13:4)

1. Iz Gor'kovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (direktor - dotsent M.G. Grigor'yev).
(SKIN TRANSPLANTATION exper.)
(CAPILLARY PERMEABILITY)

ALEKSEYEV, A.Ye.

Combined apparatus for thermal and pain stimulation. Fiziol.zhur. 45 no.11:1394-1395 N '59. (MIRA 13:5)

1. From the physiological laboratory, Institute of Traumatology and Orthopaedics, Gorki.
(TEMPERATURE)
(PAIN exper.)

ALEKSEYEV, A.Ye.

Soma data on lung-to heart reflexes in amphibians. Biul. eksp. biol. i med. 54 no.12:18-22 D'62. (MIRA 16:6)

1. Iz fiziologicheskoy laboratorii (rukovoditel' A.Ye. Alekseyev) Gor'kovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (dir. - dotsent M.G. Grigor'yev).
(ANESTHESIA) (HEART—INNERVATION)
(LUNGS—INNERVATION)

ALEKSEYEV, A.Ye.

Some characteristics of the onset of narcotic sleep during the inhalation of ether vapors following bilateral section of the vagosympathetic nerve trunks in frogs. Biul.eksp.biol. i med. 59 no.5:71-74 '65. (MIRA 18:11)

1. Fiziologicheskaya laboratoriya (zav. A.Ye.Alekseyev) Gor'kovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (direktor - dotsent M.G.Grigor'yev). Submitted January 9, 1964.

ALEKSEYEV, A. Ye.

"The Basic Structural Features of Hydro Generators for Spillway Power Stations," paper presented at the All-Union Scientific and Technical Session on Electrical Machines in Leningrad.
Elektrichestvo, No 2, pp 87-89, 1947

PA 15/49T16

ALEKSEYEV, A. YE., PROF

USSR/Electricity Jul 48
Electrical Equipment

"Electrical Engineers of the Leningrad Electrical Engineering Institute imeni Ul'yanov in Electrical Machine Building of the USSR," Prof A. Ye. Alekseyev, Dr Tech Sci, Leningrad Elec Eng Inst imeni V. I. Ul'yanov, 3½ pp

"Elektrichestvo" No 7

Describes achievements of Soviet electrical engineers at Institute.

15/49T16

ALEKSEYEV, A. Ye. (Prof.)

"Design of Electric Machines," 1949.

The author pointed out that this book was a result of his many years of work in the design of electric machines. The size of the book was originally 40 octavos. To comply with a request of the publisher, it had to be cut to 24 octavos, and therefore many subsections, particularly tables concerning the procedure used in designing electric machines, and most of the numerical examples were eliminated.

M-19896, 24 Sep 51

ALEKSEYEV, A. YE., PROF PA 40/49T99

USSR/Physics Feb 49
Electromagnetism
Terminology

"New Unit System for Measuring Electromagnetic Quantities," Prof A. Ye. Alekseyev, Dr Tech Sci, Leningrad Inst of RR Transp Engineers, 1 p

"Elektrichestvo" No 2

Very strong criticism of new system of units (newtons) proposed by M. F. Malikov and P. L. Kalantarov for measuring electromagnetic quantities. All-faculty seminar of Leningrad Inst of RR Engineers criticized system as

40/49T99

USSR/Physics (Contd) Feb 49

being practical only for teachers, and stated that since the quantity 4pi must be used in calculating inductance and capacitance of cables, proposed system actually is of no value.

40/49T99

ALEKSEYEV, A YE

N/5
663.3
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Tyagovyye elektrodvigateli (Tractional electric motors)
Moskva, Transzheldorizdat, 1951.
484 p. illus., diagrs., tables.

ALEKSEYEV, A. Ye.

Professor V.I.Polonskiy (60th Birthday and 30 Years of Scientific and Teaching Activity), M.A.Shatelen, M.P.Kostenko, S.A.Sinkevich, S.S.Mordevin, A.P.Sakharov, P.M.Kharadzhe, A.Ye. Alekseyev, Elektrichestvo, No. 7, p. 94, Jul '51.

199T28

ALEKSEYEV, A. YE., Prof, Dr Tech Sci

USSR/Electricity - Generators Jan 52
"Elektrosila" Plant

"Concerning the Problem of Asymmetrical Operating Conditions of Hydroelectric Generators," Prof A. Ye. Alekseyev, Dr Tech Sci

"Elektrichestvo" No 1, p 74

Supports F. K. Arkhangel'skiy, Chief Engineer of the "Elektrosila" Plant imeni S. M. Kirov, in his criticisms of G. N. Ter-Gazaryan, who contended that hydroelec generators with welded bases could withstand more than the 5% load unbalances prescribed by the "Elektrosila" Plant.

201T13

ALEKSEYEV, A. Ye.

SHATELEN, V. A., ZALESSKIY, A. M., LEBEDEV, V. P., TYLESHEV, B. A., ZHEBRIN, S. M., ARKHANGEL'SKIY, F. K. BAUMGOL'TS, A. I., ZOLOTAREV, T. L., BUSHUYEV, V. N., PROSKURYAKOV, V., GURVICH, A. M., YES'MAN, A. I., SHVETS, F. T., KONDRAT'YEV, G. M., USOV, S. V., ALEKSEYEV, A. YE., BOLOTOV, V. V., TIKHODEYEV, I. M., GERASIMOV, M. V., MELENT'YEV, L. A., LEVIT, G. O., OBLOVSKIY, A. V., VLADIKHOV, V. N., STRIKOVICH, M. A., GEYGNER, I. K., MUKIFOROV, V. M., SOLODOVNIKOV, G. S. SMIRNOV, S. P., ZOLOTAREVA, M. A., KALEKINA, M. M., GOL'DENSHTEYN, T. L., KLEBANOV, L. D., SAMOYEV, N. F., ZAIKO, A. A., MATTUS, M. F.

A. S. Rumyantsev, Obituary. Elektrichestvo, No. 2, 1952.

SO: Monthly List of Russian Accessions, Library of Congress, July 1952 /1953, Uncl.

ALEKSEYEV, A.Ye.; VORONOV, A.A.

Conference on the automatic control of power systems. Avtom. i telem. 15 no.2:181-189 Mr-Ap '54. (MLRA 10:3)

1.Zam.predsedatelya orgkomiteta, chlen-korrespondent AN SSSR(for Alekseyev) 2. Lichnyy sekretar' orgkomiteta (for Voronov).
(Automatic control) (Power plants)

ALEKSEYEV, A. Ye.

AID P - 3024

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 11/33

Authors : Alekseyev, A. Ye., Corr. Memb. Academy of Sci. Prof. of USSR, A. S. Yeremeyev, Eng., and R. A. Lyuter, Dr. of Tech. Sci.

Title : Problems of the domestic water-wheel generator design

Periodical : Elektrichestvo, 7, 55-65, Jl 1955

Abstract : The tremendous development of hydroelectric power stations in the USSR creates the problem of designing more and more powerful water-wheel generators. This in turn places several technical problems to be solved by Soviet machine manufacturers and designers. Among these problems are: rationalized grouping of all the elements; static and dynamic stability under operation for long transmission lines; improvements in construction details, like that concerning the total height of the generators in relation to the rotation speed of the water wheel, etc. Eleven

Alekseyev, A. Ye.

KULEBAKIN,V.S.; ALEKSEYEV,A.Ye.; LARIONOV,A.N.; BOGORODITSKIY,N.P.; CHILIKIN,M.G.; VASIL'YEV,D.V.; ODINTSOV,G.V.; PETROV,I.I.; FATEYEV,A.V.; GOLOVAN,A.T.; MOROZOV,D.P.; BASHARIN,A.V.

S.A.Rinkevich. Elektrichestvo no.9:85 S'55. (MLRA 8:11)
(Rinkevich, Sergei Aleksandrovich, 1886-1955)

ALEKSEYEV, A. Ye.

112-2-3475

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 2, p.138 (USSR)

AUTHOR: Alekseyev, A.Ye.

TITLE: The Problem of Single Phase, Power Frequency Railroad Electrification in the USSR (K voprosu ob elektrifikatsii zheleznykh dorog v SSSR na odnofazom toke promyshlennoy chastoty).

PERIODICAL: In Sbornik: Materialy nuach.-tekhn. soveshchaniya po tyagovomu elektrooborudovaniya. Noyabr' 1953 Riga, 1955, pp. 61-76.

ABSTRACT: The history of the progress of single phase, power frequency railroad electrification railroad is given in brief. Results of the conversion of railroads in France to this system of electric traction are given, as well as the costs of this operation, etc. It is pointed out that there is at the present time voluminous disseminated published material comparing 3,000-volt d-c system, with the single-phase, power-frequency system. This material has been tested in various countries of Europe and in the United

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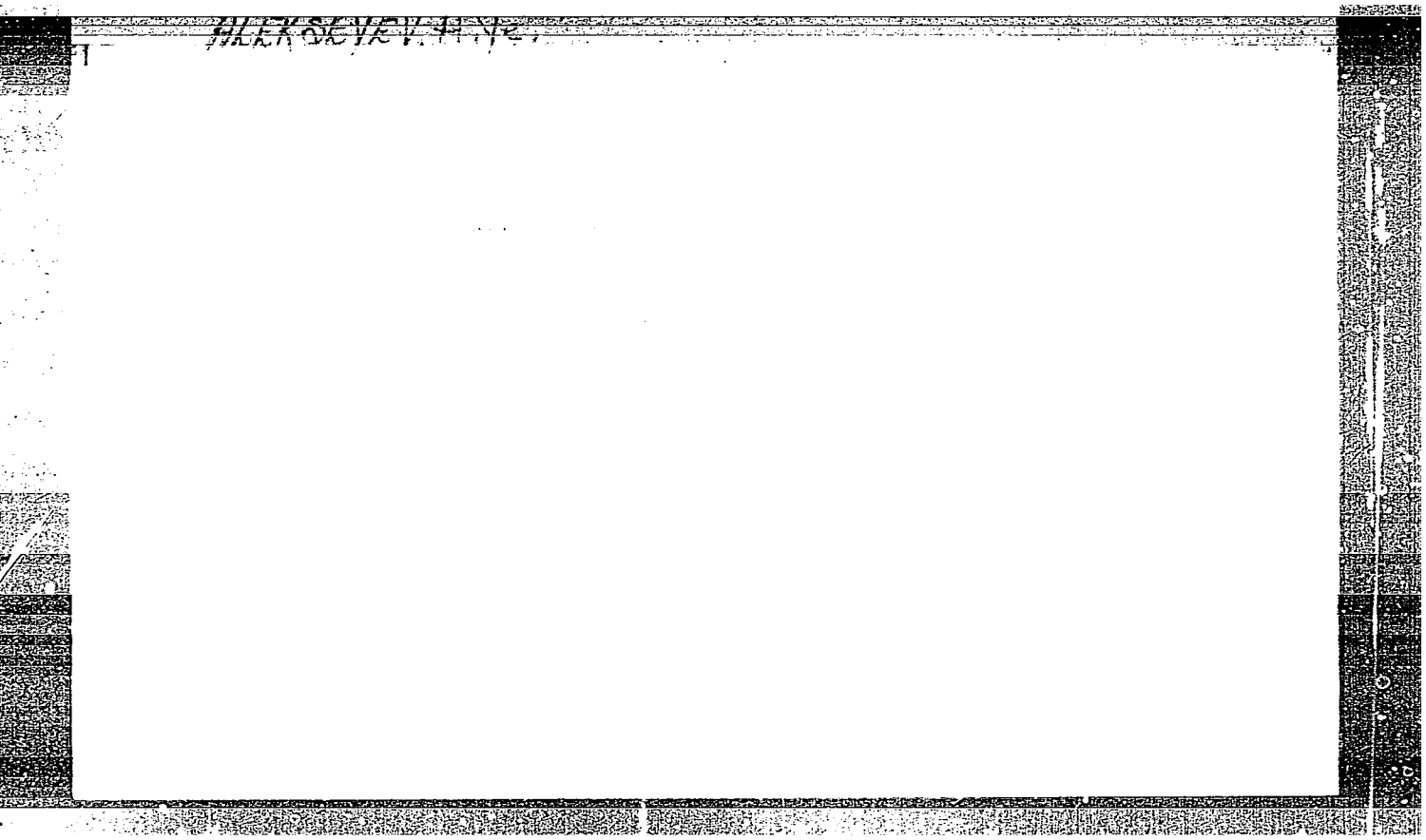

ALESHIEV, A.Ye.

Problem of joining two systems of current. Zhel.dor.transp. 39 no.7:38-44 Jl '57. (MLRA 10:8)

1.Chlen-korrespondent Akademii nauk SSSR.
(Electric railroads)

ALEKSEYEV, A.Ye.

ALEKSEYEV, A.Ye., prof. (Leningrad).

Prospective electric locomotives for railroad mainlines. Zhel. dor. transp. 39 no.12:40-41 D '57. (MIRA 11:1)

1. Chlen-korrespondent AN SSSR.
(Electric locomotives)

ALEKSEYEV, A. Ye.

8(2); 28(1) PHASE I BOOK EXPLOITATION SOV/1433

Soveshchaniye po avtomatizirovannomu elektroprivodu peremennogo toka, Moscow, 1955

Trudy... (Transactions of the Conference on Automated A-C Electric Drives) Moscow, Izd-vo AN SSSR, 1958. 398 p. 4,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.

Resp. Eds: V.S. Kulebakin, Academician, and M.G. Chilikin, Doctor of Technical Sciences; Professor; Ed. of Publishing House: D.M. Ioffe; Tech. Ed.: I.P. Kuz'min.

COVERAGE: The conference was organized on the initiative of the Institute of Automation and Telemechanics of the Academy of Sciences, USSR, and the Moscow Power Engineering Institute and had as its aim the planning of the most progressive ways of developing automatic control of electric drives. The first conference on the subject of automated electric drive took place more than ten years before the present one and was concerned with d-c electric drives. The results of this conference were found to be most valuable in the task of rebuilding postwar Soviet industry and in furthering industrial development. Present technical development of Soviet industry demands high speeds, simplicity of construction, reliability of operation, and economy. The squirrel-cage induction motor with frequency control appears to be the most promising type of controlled a-c drive. For wide application of this drive in the Soviet economy there is a need of developing new types of frequency converters. Some interesting studies were made in this connection at the Institute of Automation and Telemechanics of the USSR Academy of Sciences and its Leningrad branch, at the Moscow Power Engineering Institute, the Central Design Bureau of the "Elektroprivod Plant, the State Design Institute of the Ministry of Construction, of the RSFSR, and in other design organizations. These studies were discussed at the present conference. The transactions contain material concerning the theory and design of reactor, pulse, and frequency methods of controlling a-c electric drives.

Candidate of Technical Sciences I.V. Utkin and Engineer V.A. Kokoreva participated in the preparation of this collection of papers. The volume was reviewed by Professor Ya. V. Mitusov, Doctor of Technical Sciences. Some of the papers include a bibliography.

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8(5) PHASE I BOOK EXPLOITATION SOV/1717

Alekseyev, Aleksandr Yemel'yanovich

Konstruktsiya elektricheskikh mashin (Design of Electric Machines) Moscow, Gosenergoizdat, 1958. 426 p. 25,000 copies printed.

Ed.: A.A. Zuyeva; Tech. Ed.: Ye.M. Soboleva.

PURPOSE: This book is intended for students of electrotechnical and power vuzes and departments, and may also be of interest to electrical engineers dealing with the design and operation of electrical machines.

COVERAGE: The book consists of fourteen chapters and deals with various aspects of the design of electrical machines. In the introduction the author outlines past developments and discusses the present trends in Soviet electric-machine building. Chapter 1 presents basic construction features and diagrams of electrical machines. Basic factors determining the design and the types of devices of electrical machines and their classification on the

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basis of constructional features, are presented along with methods of mechanical protection. Chapter 2 deals with the principles of ventilation design of electrical machines. Various methods of cooling, ventilating schemes, types of fans, and examples of ventilation design are presented. Chapter 3 presents the basic principles of thermal design. Thermal regimes of the steady and nonsteady states are discussed, and examples of the thermal design of electrical machines are presented. Chapter 4 presents basic data on materials used for building electrical machines and remarks on the methods of manufacture of machine parts. Chapter 5 covers windings and poles of direct-current and induction machines. Various types of windings, methods of fastening revolving windings, and the construction of poles and interpole-spacers are described. Chapter 6 deals with the design of slip rings and commutators. Types of commutators, slip rings for converters, and of synchronous and induction machines are described. Chapter 7 presents some designs of rotors and methods of calculating the strength of rotor components. Chapter 8 deals with shafting. Operating conditions for shafts, their construction, methods, design, types of shaft vibrations, and determination of critical speeds are presented. Chapter 9 describes the bearings used in electrical machines. The elements of the theory of hydrodynamic friction are

discussed, and the methods of designing bearings are presented. Chapter 10 deals with the construction of magnetic yokes. Types of windings and poles of magnetic yokes are described. Chapter 11 deals with stators of a.c. machines. The construction and design of a.c. machine frames, stator windings, dimensions, arrangement, and fastening of coil ends, and the construction of stator cores are presented. Chapter 12 describes various current-carrying components of electrical machines. Brushes, brush holders, brush rockers and terminal connections are described. Mechanical couplings, pulleys, and base plates, and the general procedures for designing electrical machines are presented in Chapters 13 and 14. The author thanks the design group of the "Uralelektro-apparat" plant (Ural Electrical Equipment Plant), for reviewing the manuscript, especially plant Chief of Design, Z.B. Neyman, and group leaders of the Design Bureau, N.P. Tugarinov, and K.F. Kostin. Several new drawings were received from the "Electrosila" plant and "Dinamo" plant imeni S.M. Kirov. For these the author thanks N.P. Ivanov, I.N. Rabinovich and B.I. Kuznetsov. A.P. Dero is mentioned for his contribution in preparing the manuscript for publication. There are no references.

TABLE OF CONTENTS:

Design of Electric Machines

Design of Electric Machines SOV/1717

AVAILABLE: Library of Congress

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GO/ad
6-18-59

AUTHORS: Alekseyev, A. Ye., Atabekov, G. I., 105-58-6-29/33
Bron, O. B., Gorodskiy, D. A., Kostenko, M. P., Kurenev, S. I., Neyman, L. R., Polivanov, K. M., Reyngol'dt, Yu. A., Romanovskiy, V. B.

TITLE: Professor A.Ye. Kaplyanskiy (Professor A.Ye. Kaplyanskiy)

PERIODICAL: Elektrichestvo, 1958, Nr 6, pp. 92-92 (USSR)

ABSTRACT: On the occasion of his 60-th birthday. He was born on May 27, 1898. In 1925 Aleksandr Yevseyevich Kaplyanskiy, Doctor of Technical Sciences, Professor of the Leningrad Military-Air-Engineering Academy graduated from the Leningrad Institute for Electrical Engineering with a gold medal, then he worked in the factory "Krasnaya nit' " and later, until 1932, in the factory "Elektrosila". He planned and constructed the new system for the electric supply of the factory and a number of test stations, among them stations for asynchronous motors and turbogenerators up to 100 MW. In 1925 he began his pedagogical activity in the field of theoretical electrical engineering at the Leningrad Institute for Electrical Engineering. Later he also taught at the Institute for Electrical Engineering for Telecommunication En-

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Professor A.Ye. Kaplyanskiy

105-58-6-29/33

gineers, at the Institute for Railroad Engineers, at the Military-Air-Engineering-Academy, at the Institute for Water Transport Engineers. In these institutes he organized and directed the chairs for the theoretical principles of electrical engineering. - He wrote about 60 printed works. A number of his works are devoted to the theory of inverse and nonlinear circuits and to electromechanical analogies. In 1938 he took doctor's degree. He made many inventions in various fields of electrical engineering. He worked out universal alternating current apparatus which are used everywhere at present. In 1957 he edited a textbook "A Method of Teaching the Theoretical Principles of Electrical Engineering". In January 1958 the All Union Scientific Conference of Methods on the Theoretical Principles of Electrical Engineering was organized and carried out at his suggestion. There is 1 figure.

1. Electrical engineering--USSR 2. Scientific personnel--USSR

Card 2/2

ALEKSEYEV, A.Ye.,prof.; BAYKO, V.F.,kand.tekhn.nauk; NORNEVSKIY, B.I.,kand. tekhn.nauk, dots.; NAYDENOV, V.N.,inzh.; YUDINA, I.F.,inzh.

Selecting parameters for two-stage longitudinal field rotating amplifiers. Sbor.LIIZHT no.159:207-222 '58. (MIRA 12:2)

1. Chlen-korrespondent AN SSSR (for Alekseyev).
(Rotating amplifiers)

ALEKSEYEV, A.Ye., prof.; BAYKO, V.F., kand.tekhn.nauk; BOLDYREV, G.L., inzh.; NORNEVSKIY, B.I., kand.tekhn.nauk, dots.; ROSIN, Ye.I., inzh.; CHUPYATOV, I.N., kand.tekhn.nauk, dots.

Internal feedbacks in multistage amplifiers with various numbers of terminal pairs. Sbor.LIIZHT no.159:232-235 '58. (MIRA 12:2)

1. Chlen-korrespondent AN SSSR (for Alekseyev).
(Rotating amplifiers)

ALEKSEYEV, A.Ye.; ASHCHEULOV, V.P., inzh.; MAKSIMOV, Yu.I., inzh.; MERZLYUTIN, Yu.B., inzh.; MIKHAYLOV, V.A., kand.tekhn.nauk; NORKEVSKIY, B.I., kand. tekhn.nauk

System of self-excitation and compounding for synchronous generators used on ships. Sudostroenie 25 no.1:58-62 Ja '59. (MIRA 12:3)

1. Chlen - korrespondent AN SSSR (for Alekseyev).
(Electric generators) (Electricity on ships)

ALEKSANDROV, B.K., prof.; prinimali uchastiye: IVANOV-SMOLENSKIY, A.V., dots.; KORKHOVA, V.I., inzh.; OBOROTOVA, M.G., inzh.; KVYATKOVSKIY, V.S., prof.; ALEKSEYEV, A.Ye., prof.

Hydroelectric power stations with horizontal generating units. Gidr. stroi. 30 no.6:1-8 Je.'60. (MIRA 13:7)

1. Chlen-korrespondent AN SSSR (for Aledsandrov).
(Hydroelectric power stations)

ALEKSEYEV, A.Ye.; TIKHOMIROV, V.A.

Electric braking of transportation units with collector-type single-phase motors. Vest. elektroprom. 31 no.10:17-22 O '60. (MIRA 15:1)

1. Chlen-korrespondent Akademii nauk SSSR (for Alekseyev).
(Electric railroads--Brakes) (Electric railway motors)

REYNGOL'DT, Yuriy Anatol'yevich; ALEKSEYEV, A.Ye., retsenzent; LAPIN, A.V., kand. tekhn. nauk, dots., retsenzent; KUZ'MENKOV, O.P., inzh., retsenzent; SHORIN, V.P., red.; VOLCHOK, K.M., tekhn. red.

[Electrical equipment of industrial enterprises for inland-water transportation] Elektricheskoe oborudovanie promyshlennykh predpriiatii rechnogo transporta. Leningrad, Izd-vo "Rechnoi transport," 1961. 356 p. (MIRA 15:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Alekseyev).
(Hydraulic structures—Electric equipment)
(Harbors—Electric equipment)
(Docks—Electric equipment)

ALEKSEYEV, Aleksandr Yemel'yanovich

Second all-Union conference on the commutation of d.c. machinery. Izv. vys. ucheb. zav.; elektromekh. 4 no.12:119-120 '61. (MIRA 15:1)

1. Institut elektromekhaniki AN SSSR, Leningrad. Chlen-korrespondent AN SSSR. Predsedatel' organizatsionnogo komiteta i prezidiuma Vtoroy vsesoyuznoy nauchno-tekhnicheskoy konferentsii po kommutatsii mashin postoyannogo toka.
(Electric machinery--Congresses) (Electric machinery--Direct current)

ALEKSEYEV, A.Ye.; BULGAKOV, K.V.; ZILITINKEVICH, S.I.; IVANOV, V.I.; PETROV, I.I.; RYZHOV, P.I.; SYROMYATNIKOV, I.A.; TIMOFEYEV, V.A.; SHCHEDRIN, N.N.; FATEYEV, A.V.

Sixtieth anniversary of the birth of Dmitrii Vasil'evich Vasil'ev. Elektrichestvo no.3:93 Mr '62. (MIRA 15:2)
(Vasil'ev, Dmitrii Vasil'evich, 1901-)

ALEKSEYEV, A. Ye.; KASHARSKIY, E. G.

Some long-range scientific and technical problems confronting the Soviet turbogenerator industry. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.6:3-10 N-D '62. (MIRA 16:1)

(Turbogenerators)

ALEKSEYEV, Aleksandr Yemel'yanovich, prof.

Transient process arising when power is suddenly applied to a rotating electric motor. Izv.vys.ucheb.zav.; elektromekh. 5 no.9:1067-1075 '62. (MIRA 16:1)

1. Zaveduyushchiy kafedroy elektricheskikh mashin Leningradskogo instituta inzhenerov zheleznodorozhnogo transporta. Chlen-korrespondent AN SSSR.
(Electric railway motors) (Electric driving)
(Transients (Electricity))

AIEKSEYEV, A.Ye., prof.

Problems concerning the electrification of railroads, standardization of cars and traction motors of electric and diesel locomotives. [Trudy] LIIZHT no.193:12-17 '62. (MIRA 15:12)

1. Leningradskiy institut inzhenerov zheleznodorozhnogo transporta; chlen-korrespondent AN SSSR.
(Railroads--Electrification)
(Railroads--Standards)

ALEKSEYEV, A.Ye., laureat Stalinskoy premii, doktor tekhn. nauk, prof.; ZAROKHOVI, A.Ye., red.; VERINA, G.P., tekhn. red.

[Electric traction motors] Tiagovye elektrodvigateli. Moskva, Transzheldorizdat, 1951. 484 p. (MIRA 16:8)
(Electric railway motors)

ALEKSEYEV, A.Ye.; VASIL'YEV, V.A.; DEMBO, A.R.; KOZHEVNIKOV, V.A.; KOCHNEV, A.V.

Premises and features of the standardization of the traction motors of diesel locomotives and single-phase d.c. locomotives. Sbor.rab.po vop. elektromekh.no.8:327-336 '63. (MIRA 16:5)

(Electric locomotives) (Diesel locomotives)

ALEKSEYEV, A.Ye.; KHVOSTOV, V.S.; KURBASOV, A.S., kand. tekhn. nauk

Concerning A.S. Kurbasov's articles "Principles of the energy theory of the commutation of d.c. machines" and "Calculation of the commutation of d.c. machines." Elektrichestvo no.12: 75-81 D '63. (MIRA 17:1)

1. Chlen-korrespondent AN SSSR (for Alekseyev).

ALEKSEYEV, A.Ye.; KOZHEVNIKOV, V.A., kand.tekhn.nauk

Commutational stability factor of d.c. motors. Vest. elektroprom. 34 no.4:44-47 Ap '63. (MIRA 16:10)

1. Chlen-korrespondent AN SSSR (for Alekseyev).

ALEKSEYEV, A.Ye. (Leningrad)

Problems of the manufacture of modern electric traction machines.
Izv. AN SSSR. Energ. i transp. no.1:8-15 Ja-F '64. (MIRA 17:4)

L 2967-66 EWT(d)/EWP(k)/EWP(l) JKT
ACCESSION NR: AP5026357 UR/0105/64/000/009/0093/0094

AUTHOR: Baluyev, V. K.; Grudinskiy, P. G.; Izyumov, N. M.; Kulebakin, V. S.; Mirolyubov, N. N.; Sotskov, B. S.; Tsirlin, A. D.; Alekseyev, A. Ye.; Bogoroditskiy, N. P.; Berger, A. Ya.; Yavorskiy, V. N.; Narledov, D. N.; Vasil'yev, D. V. 38 27 B

TITLE: Nikolay Nikolayevich Lutsenko (Obituary)

SOURCE: Elektrichestvo, no. 9, 1964, 93-94

TOPIC TAGS: electric engineering personnel

ABSTRACT: Doctor of Technical Sciences, Major General in the Technical Engineering Service, Professor N. N. Lutsenko died in May of this year after a long and serious illness. He graduated from the Moscow Higher Technical Academy in 1914 and was closely associated with his specialty of electrical engineering till the end of his life. He spent the first years of his practical activity at the Academy working in the electrical engineering laboratory of K. A. Krug. After that he began his career in the Soviet Army as a lowly laboratory assistant in the radiotechnical laboratory and worked his way up over thirty years to be head of the

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ACCESSION NR: AP5026357

Department of Electrical and Military Engineering. He wrote several books: "Alternating Currents," "The Theory of Alternating Currents," "Course in General Electrical Engineering," "Radio Engineering" and, together with his co-workers, problem books on "A Course in Alternating Currents" and "The Physical Principles of Electrical Engineering." He set up a number of special courses (military application of electric power, military portable electric power stations, electric equipment for armies, electrification of military engineering works, etc.) and also participated in many engineering projects with the Soviet Army. He has written many textbooks, monographs and articles on the theoretical and applied divisions of military electrical engineering. These include "Electric Circuits" and "Fundamentals for the Design and Planning of Mobile Electric Stations." Many of N. N. Lutsenko's students are working in sections of the Soviet Army, in scientific institutes and in colleges, and in industry. These students are continuing the work of their teacher, the founder of Soviet military electrical engineering. He received his professorship in 1938 and his doctorate in 1949. He has received the Order of Lenin, three "Red Banners," the Order of the "Red Star" and many medals. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EE

NO REF SOV: 000 OTHER: 000 JPRS

Card 2/2 Lch

ALEKSEYEV, B., obshchestvennyy instruktor

Viktor Petrov shoots. Voen. znan. 41 no.3:40 Mr '65. (MIRA 18:5)

ALEKSEYEV, B., inzh.

"Technical manual on internal combustion engines." Reviewed by B. Alekseev. Mukhelev.prom. 27 no.5:32,3 of cover My '61. (MIRA 14:6)

1. Tekhnicheskoye upravleniye Mininsterstva zagotovok RSFSR. (Gas and oil engines) (Alekseev, B.)

ALEKSEYEV, B., obshchestvennyy instruktor (Yaroslavl')

A club and primary organizations. Voen. znan. 41 no.1:40 Ja '65.
(MIRA 18:2)

ALEKSEYEV, B., obshchestvennyy inspektor

There should be more of such "nepotism." Voen. znan. 41 no.9:35-[illegible]
S '65. (MIRA 18:[illegible])

8(3) SOV/105-59-2-14/25

AUTHOR: Alekseyev, B. A., Engineer

TITLE: A New Method for Determining the Moisture Content in Transformer Winding Insulation (Novyy metod opredeleniya vlazhnosti izolyatsii obmotok transformatorov)

PERIODICAL: Elektrichestvo, 1959, Nr 2, pp 58-63 (USSR)

ABSTRACT: Since 1946 new methods have been developed in the USSR for determining the moisture content of the transformer insulation. From 1954 on, work for perfecting the check of moisture content by means of a capacitance are carried out by the VNIIE. It was found suitable to change over from repeating periodically the cycle "charge - discharge" at measuring the capacity of the object to charge and discharge the object but once. The new "capacitance - time" method is based on this principle. The method is described in detail, after having been investigated in the laboratory and in operation. The various factors effecting the relative capacity increase of the insulation as there are temperature, moisture content, oil filling and so on were examined. The peculiarities and characteristic properties of this method were stated. Devices of the type YeV for measuring with the new "capacity - time" method were de-

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A New Method for Determining the Moisture Content in Transformer Winding Insulation

veloped by the VNIIE. The last model is YeV-3. Some patterns have been produced in 1957 - 1958. They permit to measure the capacity and its increase at the transformer winding insulation with reference to the casing up to 50,000 pF. The measuring error lies below 5% at a test value of 200 pF to 50,000 pF. The apparatus is supplied with energy by a 200 V line. The consumption is about 40 VA. The weight is 5 kg, the dimensions 210.310.135 mm. The performance of the instrument is described. No skilled personnel is required, as the handling of the device is very simple. These instruments are proved since 1955 in some power systems. In 1957 - 1958 tests on new transformers without oil were carried out. The data of these tests are given in diagrams. Two groups can clearly be distinguished: transformers after drying and transformers with moisture content. The divide is at $\Delta C/C = 10\%$. C = capacity of the test object. There are 7 figures and 8 references, 2 of which are Soviet.

SUBMITTED: October 27, 1958

Card 2/2

ALEKSEYEV, B.A., inzh.

Use of a capacity-time method to control humidity in power transformers. Trudy VNIIE no.8:98-122 '59. (MIRA 13:9)
(Electric transformers)

Author: Alekseev, B. A.

Title: Experimental Work of Gage Makers in the Ural Machine Works. 25 pp., diagrs.

Date: 1948. Moscow

Subject: 1. Gages. 2. Ural'skii mashinostroitel'nyi zavod, Sverolovsk.

Available: Library of Congress, Call No: TJ1166.A58

Source: Lib. of Cong. Subj. Cat., 1950, Vol. 2.

ALEKSEYEV, B. A.

"The Manufacturing Methods and the Exploitation of Tools," State Sci. and Tech. Publ. House. Sverdlovsk, 180 pp., 1949

Foundry Practice

B.T.R.
ALEKSEYEV, B.A.

5137* **Production of Quality Cast Tools.** (In Russian.) P. S. Pershin and B. A. Alekseyev. *Stanki i Instrument*, v. 22, Aug. 1951, p. 22-25.

The casting of special high-speed steel tools is described and discussed.

FILE COPY NO. 11.

SHABASHOV, S.P., kandidat tekhnicheskikh nauk; GORELOV, V.M., inzhener, retsenzent; ALEKSEYEV, B.A., inzhener, retsenzent; SOLONIN, I.S., dotsent, redaktor; DUGINA, N.A., tekhnicheskiy redaktor.

[Durability of hard-alloy cutting tools;methods for increasing durability] Stoikost' tverdosplavnykh rezhushchikh instrumentov; puti povysheniia stoikosti. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1952. 172 p. [Microfilm] (MLRA 7:10)
(Cutting tools)

ALEKSEYEV, B.A.; ROZIN, A.I.; KLIMOV, V.I., inzhener, retsenzent; TOLSTOV, M.A., inzhener, retsenzent; SOMOVA, T.M., inzhener, vedushchiy redaktor, redaktor literatury po kholodnoy obrabotke metallov.

[Metal cutting tools; design and manufacture] Instrumental'noe delo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1952. 319 p. [Microfilm] (MLRA 7:10)

1. Uralo-Sibirskoye otdeleniye Mashgiza (for Somova).
(Cutting tools)

ALEKSEYEV, B.A.; PERSHIN, P.S.; DUGINA, N.A., tekhnicheskiy redaktor.

[Progressive practice in the preparation of cast tools] Peredovoi opyt v izgotovlenii litogo instrumenta. Moskva, Gos. nauchn.-tekhn. izd-vo mashinostroitel'noi i sudostroitel'noi lit-ry, 1953. 33 p.
(Founding) (Cutting tools) (MLRA 7:8)

ALEKSEEV, B. A.

New developments in precision casting. Sverdlovsk, Gos. nauchno -tekhn. izd-vo mashinostroit. i sudostroit. lit-ry (Uralo-Sibirskoe otd-nie) 1953. 46 p. (Za peredovoe, novoe, progressivnoe) (54-35050)

TS233.A4

1. Precision casting. I. Pershin, P. S., jt. au.

ALEKSEYEV, B.A.

Precision Casting in Shell Moulds [Made by the Investment Process]. B. A. Alekseev and P. S. Pershin (*Liteinoe Proizvodstvo*, 1953, (2), 2-3).—[In Russian]. The process depends on producing a refractory shell on a wax pattern by making use of the reaction: $Na_2O.nSiO_2 + 2NH_4Cl = nSiO_2 + 2NaCl + NH_3 + H_2O$ and is carried out in the following sequence. Water-glass is diluted with water to sp. gr. 1·4, and 30% of 5% aq. soln. of NH_4Cl is added. Gelling of SiO_2 is prevented by adding 1–2% NH_4Cl. The wax pattern is first immersed into a mixture contg. 52–53% marshallite and 42–48% prepared water-glass, and then for 2 min. into 20% aq. NH_4Cl. This is repeated 3–6 times to obtain sufficient thickness of shell. The pattern is dissolved out in 1% aq. NH_4Cl at 80°–85° C., and the shell cleaned in hot 10% aq. HCl, followed by a water rinse. The shell is then dried out and backed (if necessary) with sand for casting.—V. K.

MG

ALEKSEYEV, B.A.

FROLOV, Yu.S., otvetstvennyy red.; ZHAVORONKOV, N.M., red.; AGLINTSEV, K.K., red.; ALEKSEYEV, B.A., red.; BOCHKAREV, V.V., red.; LESHCHINSKIY, N.I., red.; MALKOV, T.P., red.; SINITSYN, V.I., red.; POPOVA, G.L., red.; NOVICHKOVA, N.D., tekhn.red.

[Obtaining isotopes. Heavy gamma-units. Radiometry and dosimetry. Proceeding of the Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and in Science] Poluchenie izotopov. Moshchnye gamma-ustanovki. Radiometriia i dozimetriia; trudy Vsesoiuznoi nauchno-tekhnicheskoi konferentsii po primeneniiu radioaktivnykh i stabil'nykh izotopov i izluchenii v narodnom khoziaistve i nauke. Moskva, Izd-vo Akad.nauk SSSR, 1958. 293 p. (MIRA 11:6)

1. Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya po primeneniyu radioaktivnykh i stabil'nykh izotopov i izluchenii v narodnom khozyaystve i nauke. 1957.
(Isotopes) (Gamma rays--Equipment and supplies) (Radiation--Dosage)

ALEKSEYEV, B.A.

(4) PHASE I BOOK EXPLOITATION SOV/2713

International Conference on the Peaceful Uses of Atomic Energy. 2nd, Geneva, 1958

Doklady sovetskikh uchenykh; polucheniye i primeneniye izotopov (Reports of Soviet Scientists; Production and Application of Isotopes) Moscow, Atomizdat, 1959. 388 p. (Series: Its: Trudy, vol. 6) 8,000 copies printed.

Eds. (Title page): G.V. Kurdyumov, Academician, and I.I. Novikov, Corresponding Member, USSR Academy of Sciences; Ed. (Inside book): Z.D. Andreyenko; Tech. Ed.: Z.D. Andreyenko.

PURPOSE: This book is intended for scientists, engineers, physicians, and biologists engaged in the production and application of atomic energy to peaceful uses; for professors and graduate and nongraduate students of higher technical schools where nuclear science is taught; and for the general public interested in atomic science and technology.

COVERAGE: This is volume 6 of a 6-volume set of reports delivered by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy held in Geneva from September 1 to 13, 1958. Volume 6 contains 32 reports on: 1) modern methods for the production of stable radioactive isotopes and their labeled compounds, 2) research results obtained with the aid of isotopes in the field of chemistry, metallurgy, machine building, and agriculture, and 3) dosimetry of ionizing radiation. Volume 6 was edited by: S.V. Levinskiy, Candidate of Medical Sciences; V.N. Prusakov, Candidate of Chemical Sciences; and V.V. Sedov, Candidate of Medical Sciences. See Sov/2081 for titles of volumes of the set. References appear at the end of the articles.

DUDAREV, V.Ya.; ZHDANOV, G.S.; ALEKSEYEV, B.A.; KASYMBEKOVA, K.K.

Products of graphite sputtering when bombarded with Sn^-, V^+, Mo^+ ions. Atom. energ. 13 no.2:184-186 Ag '62. (MIRA 15:8)
(Sputtering (Physics)) (Graphite) (Ion beams)

S/089/62/013/004/009/011
B102/B108

AUTHORS: Dudarev, V. Ya., Zhdanov, G. S., Alekseyev, B. A.

TITLE: X-ray diffraction study of precipitates produced by bombarding some metals with ions of other metals

PERIODICAL: Atomnaya energiya, v. 13, no. 4, 1962, 382 - 383 .

TEXT: The ions of a metal are sputtered by bombardment with ions of some 10 kev, each of which strikes out about 10 ions of the target. In an effort to find the most convenient way of separating accumulated isotopes from the resulting precipitates, copper was bombarded with Sn^+, Zr^+, and Mg^+ ions of ~30 kev in a vacuum of $\sim 10^{-6}$ mm Hg and Al was bombarded with Zr^+. The precipitates were analyzed. (1) Cu + Sn: X-ray diffraction studies of the bronze precipitates showed that they resembled a Cu-Sn alloy whose composition varies in the layer thickness, even though their crystal was that of copper. In the lower layers the tin content was 2.5 at% and on the surface it was about 1.8 at%. (2) Cu + Zr: This double-layer precipitate, too, was an alloy with an average zirconium content of 5.29%. The precipitate displayed lines which could not be attributed with certainty either to

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X-ray diffraction study ...

Cu_2Zr or Cu_3Zr. It is assumed that these lines come from other compounds. (3) Cu + Mo: Again an alloy. (4) Al + Zr: Chemical analysis showed that these precipitates too were alloys containing 18.09% by weight of Zr. All the alloys mentioned are heterogeneous, i. e., containing intermetallic compounds as well as the solid solution. The higher concentration of the bombarded metal near the backing is due to the temperature dependence of the sputtering coefficient.

SUBMITTED: December 14, 1961

Card 2/2

L 1845-66 EWT(m)/EPF(c)/ETC/EPF(n)-2/EWG(m) WW

ACCESSION NR: AT5022585 UR/3136/64/000/789/0001/0045

AUTHOR: Alekseyev, B. A.

TITLE: Standardization of water purity control in nuclear reactor loops 19

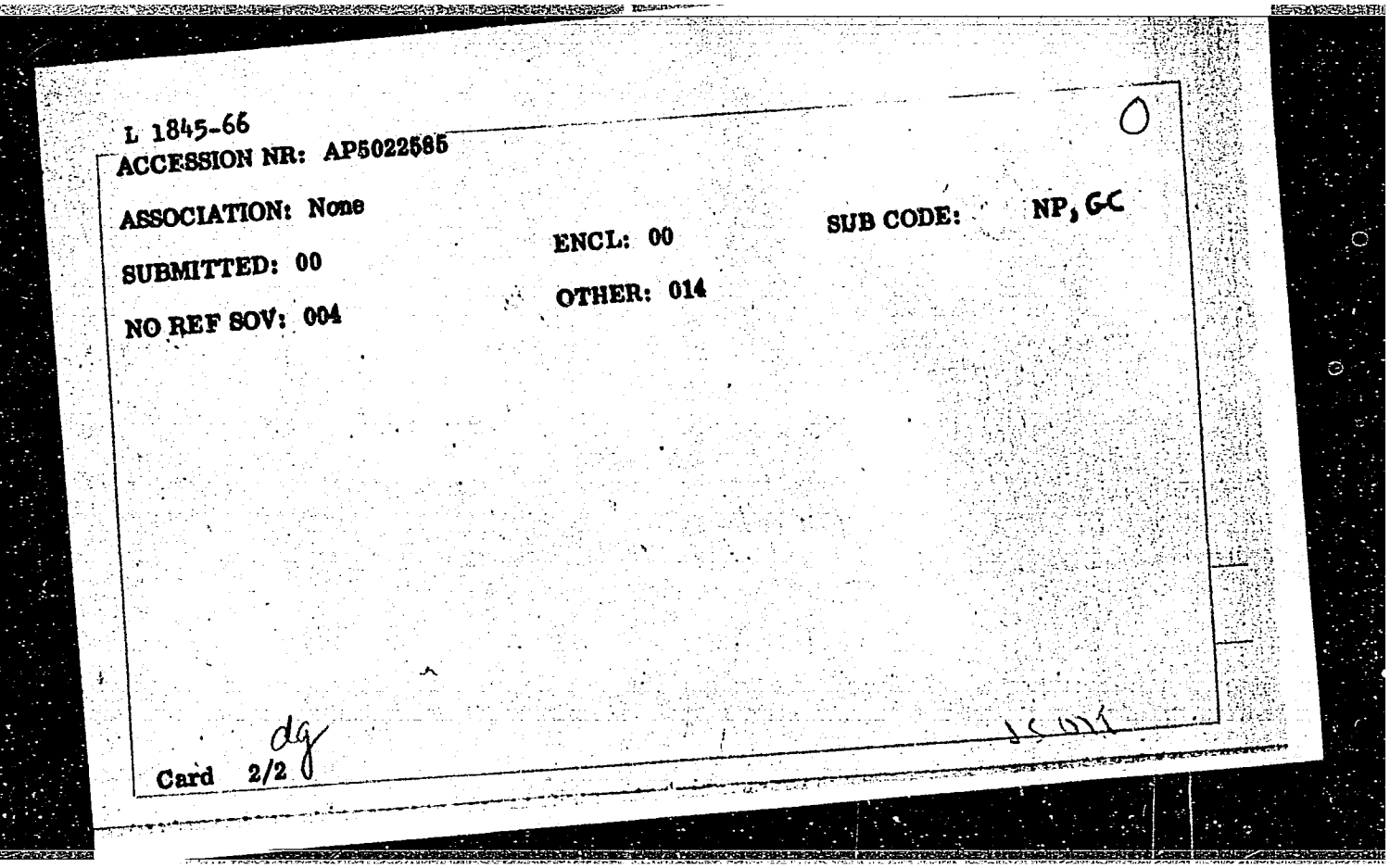
37
B+1

SOURCE: Moscow. Institut atomnoy energii. Doklady, IAE-789, 1964. K voprosu o standartizatsii kontrolya nad chistotoy vody v konturakh yadernykh reaktorov, 1-45

TOPIC TAGS: water purification, water cooled nuclear reactor, water moderated reactor

ABSTRACT: The paper discusses the basic problems relating to the standardization of points of sample withdrawal and periodicity of analyses and their technique for water of the primary loop of water-cooled and water-moderated research reactors and power units with water under pressure and with evaporating and filtering water purification units. Two types of analytical control determinations, arbitrarily termed "general" and "specific," are discussed. The former characterize important properties of the loop water without revealing the chemical composition of the impurities: electrical conductivity, pH, magnitude of the "dry" or "calcined" residue, specific radioactivity, etc. The "specific" methods permit the determination of individual contaminants such as the concentration of the corrosive chloride ion, and the concentration and composition of the corrosion products. Orig. art. has: 5 figures, 13 formulas, and 5 tables.

Card 1/2



L 1845-66
ACCESSION NR: AP5022585

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: NP, GC

NO REF SOV: 004 OTHER: 014

Card 2/2 dg

ALEKSEYEV, B.A., kand. med. nauk, polkovnik meditsinskoy sluzhby

Methodology for tomography of the maxillofacial region.
Voen.-med. zhur. no.3:47-49 '65. (MIRA 18:11)