

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volzhskaya gidroelektrostantsiya; tekhnicheskii otchet o proektirovanii i stroitel'stve Volzhskoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2. [Organization and execution of construction and assembly work] Organizatsiia i proizvodstvo stroitel'no-montaznykh rabot. Red. toma: N.V.Razin, A.V.Arnol'd, N.L. Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).

(Volga Hydroelectric Power Station (Lenin)--Design and construction)

YAKUBOVSKIY, F.B., red.; BELYAYEV, B.I., red.; VOLMYANSKIY, A.K., red.;  
KAMINSKIY, D.N., red.; KOL'TSOV, A.G., red.; KURUK, N.M., red.;  
OVSYANKIN, V.I., red.; PRIVALOV, N.N., red.; KHRAMUSHIN, A.M.,  
red.; ERISTOV, V.S., red.; UDOD, V.Ya., red.izd-va; TEMKINA,  
Ye.L., tekhn.red.

[Papers and reports of the section on industrial construction,  
assembling and specialized work of the All-Union Conference on  
Construction] Doklady i soobshchenia. Moskva, Gos.izd-vo lit-ry  
po stroit., arkhit. i stroit.materialam, 1958. 438 p.

(MIRA 12:7)

1. Vsesoyuznoye soveshchaniye po stroitel'stvu. Moscow, 1958.  
Sektziya promyshlennogo stroitel'stva, montazhnykh i spetsializirovannykh rabot.

(Building)

KOLESNIKOV, I.S.; ORDZHONIKIDZE, G.K.; SHELYAKHOVSKIY, M.V.; YERMOLAYEV, V.R.  
YAKUBOVSKIY, F.I.

Adenoma of the bronchi, their complications and operative treatment. Grud. khir. 5 no.6:101-106 N-D<sup>1</sup>(3) (MIRA 17:2)

1. Iz kliniki gospital'noy khirurgii (nachal'nik - prof. I.S. Kolesnikov) Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova. Adres avtorov: Leningrad K-9, Botkinskaya ul., d.23. Klinika gospital'noy khirurgii Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

KOLESNIKOV, I.S.; PUTOV, N.V.; GORELOV, F.I.; YAKUBOVSKIY, F.I.

Surgical treatment of the focal form of lymphogranulomatosis  
of the lungs and mediastinum. Grud.khir. 5 no.1:87-92 Ja-F'63.  
(MIRA 16:7)

1. Iz kliniki gosspital'noy khirurgii (Nachal'nik-prof. I.S.  
Kolesnikov) Voenno-meditsinskoy ordena Lenina akademii imeni  
S.M. Kirova.

(CANCER) (HODGKIN'S DISEASE)  
(MEDIASTINUM-CANCER)

*V. K. ...*  
GYULI', Kasim Kyazim ogly, prof.; PROSHYANTS, Grigoriy Gagigovich; KHURSIN,  
Leonid Aleksandrovich; YAKUBOVSKIY, G. I., red.; SHTEYNOEL', A.S.,  
red. izd-va

[Handbook for shiphandlers in the Caspian Sea] Spravochnik dlia  
sudovoditelia Kaspiiskogo moria. Baku, Azerbaidzhanskoe gos. izd-vo  
neft. i nauchno-tekhn. lit-ry, 1957. 707 p. (MIRA 11:4)  
(Caspian Sea--Navigation)

KORETS, O.N.; KONSTANTINOVSKIY, V.K.; YAKUBOVSKIY, I.A.; SEMIBRATOV,  
V.N., otv.red.; PEVZNER, A.S., zaveduyushchiy red.izd-va;  
TEMKINA, Ye.L., tekhn.red.

[Uniform time and pay standards for construction, assembly, and  
repair operations in 1960] Edinye normy i rastsenki na stroitel'-  
nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva,  
Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam. Shor-  
nik 2. [Earthwork] Zemlianye raboty. No.2 [Using hydraulic  
machinery in earthwork] Gidromekhanizirovannyye zemlianye raboty.  
1960. 135 p. (MIRA 13:6)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva. 2. Tsentral'noye normativno-issledovatel'skoye  
byuro (TsNIB) Ministerstva stroitel'stva elektrostantsiy (for  
Konstantinovskiy, Yakubovskiy).  
(Wages) (Dredging machinery)

YAKUBOVSKIY, L.A.

RYBAsENKO, I.D.; YAKUBOVSKIY, L.A.; KAGAN, I.Z.; NEVSKIY, B.N., inzhener,  
redaktor; MEDOVAR, B.I., kandidat tekhnicheskikh nauk, retsenzent;  
BORT, M.M., inzhener, retsenzent; PRITSKER, G.S., tekhnoredaktor.

[Technology of making chemical apparatus of stainless steel] Tekhnologiya izgotovleniya khimicheskoi apparatury iz nerzhavayushchei stali.  
Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1951, 145 p.  
[Microfilm] (MIRA 10:5)

(Chemical apparatus) (Steel, Stainless)

KHLEBOV, I.Ye., kand. tekhn. nauk; YAKUBOVSKIY, L.V., inzh.

Preparing and using rotproof roofing mastic. Stroi. mat. 11  
no.2:7-9 F '65. (MIRA 1813)

PUZANOV, I.I.; NAZARENKO, L.F.; YAKUBOVSKIY, M.I.

Effect of synoptic conditions on the passage of migratory birds  
in the environs of Odessa. Trudy Probl. i tem. sov. no.9:136-  
145. '60. (MIRA 13:9)

1. Odesskiy gosudarstvennyy universitet.  
(Odessa region--Birds--Migration)

YAKUBOVSKIY, N., inzh.; RUSANOV, V., inzh.

Jig for the assembly of wall slabs in the large blocks. Stroi. truboprov.  
7 no.11:24-25 N '62. (MIRA 15:12)

(Building—Technological innovations)

SHCHERBYUK, N.S.; YANBOVRETY, V.V.

Pipes and threaded joints used abroad. (Information No.2.)  
Trudy VNIIT no.94110. 14 '63. (MIRA 1719)

YAKUBOVSKIY, O.A.; YAPPA, Yu.A.

Some parametric representations used in the field theory. Vest.LGU  
16 no.10:31-41 '61. (MIRA 14:5)  
(Field theory)

S/033/63/040/002/006/021  
E001/E120

**AUTHORS:** Nikitin A.A., and Yakubovskiy O.A.

**TITLE:** A study of the N III recombination spectrum in envelopes of stars and nebulae. IV. The equations of statistical equilibrium for the lower excited levels of C II, N III and O IV

**PERIODICAL:** Astronomicheskij zhurnal, v.40, no.2, 1963, 245-256

**TEXT:** Emission lines of C II, N III and O IV often occur in the spectra of Wolf-Rayet stars, planetary nebulae, peculiar stars, etc. So, for example, anomalous lines of C II were observed in the spectrum of V 348 Sagittae which is similar to faint planetary nebulae in that it is surrounded by a faint nebular envelope. The theoretical interpretation of these emission lines calls for consideration of a possible effect of interconfigurational phenomena on the equations of statistical equilibrium for their lower excited levels. This problem is considered in the present article which continues a series of publications in the same journal and other periodicals, dealing with the same problem. Laboratory data on the spectra of these elements are presented in

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A study of the N III recombination... S/033/63/040/002/006/021  
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tabular form. Their analysis shows that the occurrence of some lines cannot be explained within the framework of the single-configuration approximation. Transitions indicated by these lines are called "anomalous" transitions, because they do not satisfy the selection rules for dipole transitions. If interconfiguration-  
al wave functions are admitted, selection rules change considerably. The wave function of an atom is then expressed as a linear combination of wave functions corresponding to various configurations:

$$\Psi(LSM_L M_S x) = \left( \sum a_i^2 \right)^{-1/2} \sum a_i \Psi_i(K_1 LSM_L M_S x), \quad (3)$$

where  $\left( \sum a_i^2 \right)^{-1/2}$  is a normalizing multiplier. Oscillator

strengths are proportional to  $a_i^2$ . The intensity of "anomalous" lines can be determined by estimating the value of the configuration corrections and calculating matrix elements of  $\underline{p}$ , the dipole moment operator of the atom, relating the principal  
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A study of the N III recombination... S/033/63/040/002/006/021  
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configuration of one state with the configuration corrections of the other states. The results of calculations performed by the authors are tabulated. Values of the oscillator strength  $f_{12}$  and transition probabilities  $A_{21}$  from the level 2 to the level 1 for atoms of C II, N III and O IV are given in Table 11.

A comparison of observational data for C II with the calculated values shows satisfactory agreement. For N III and O IV no comparisons are made because of the absence of corresponding observational data. The general conclusion is as follows.

Spontaneous transitions in C II, N III and O IV are possible from the lower excited level  $2s^2 3p^2 P$  to the  $2SPD$  levels of the configuration  $2s2p^2$ , interconfigurational effects being the cause of the occurrence of these transitions. There are 11 tables.

ASSOCIATION: Astronomicheskaya observatoriya Leningradskogo gos. universiteta (The Astronomical Observatory of the Leningrad State University)

SUBMITTED: January 2, 1962

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NIKITIN, A.A.; YAKUBOVSKIY, O.A.

Forbidden transition lines related to the first excited  $sp^2$  configurations in isoelectron coronal sequences. Quadrupole transitions in  $sp^2$  configurations. Dokl. AN SSSR 156 no. 4: 760-762 Je '64. (MIRA 17:6)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova. Predstavleno akademikom V.G. Pesenkovym.

YAKUBOVSKIY, O.A.

Matrices of the elec rotatic interaction of d<sup>sp</sup> conf g<sup>orb</sup> orbitals.  
Vest. LGU 20 no.1:147-150 '65. (MIRA 18:2)

YAKUBOVSKIY, O.V.

Nature and rate of recent vertical crustal movements in the Baltic  
Sea region. Dokl. AN SSSR 163 no.3:710-713 J1 '65. (MIRA 18:7)

1. Latviyskaya sel'skokhozyaystvennaya akademiya. Submitted April 6,  
1965.

L 46123-66 EWT(1) GW

ACC NR: AP6027324

SOURCE CODE: UR/0043/66/000/002/0142/0145

45  
B

AUTHOR: Nikitin, A. A.; Yakubovskiy, O. A.

ORG: none

TITLE: Lines of forbidden transitions involving the first excited configuration  $sp^2$  in the isoelectronic sequence of the (solar) corona. Part II: Magnetic-dipole transitions between terms  $sp^2$

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 2, 1966, 142-145

TOPIC TAGS: solar chromosphere, forbidden transition, magnetic dipole, solar corona

ABSTRACT: Estimates are given for the probability of magnetic-dipole transitions between the  $sp^2$  terms  $^2P$ ,  $^2S$ ,  $^2D$  and  $^4P$  of the two isoelectronic sequences BI, CII, Nii, ..., ( $2s2p^2$ ) and AII, SiII, PIII, ..., ( $3s3p^2$ ). It is found that for elements with large  $Z$ , the magnetic-dipole transitions between the  $sp^2$  terms  $^2S$ ,  $^2P$ ,  $^2D$ , and  $^4P$  dominate heavily over the quadrupole transitions between those same terms. However, for elements standing at the beginning of the isoelectronic sequences, the allowed quadrupole transitions are more important. The results presented in tabular form, are compared with the earlier calculations of Garstang. The agreement is good for Si X and not as good for Fe XIV. It is found that there are important transitions which termi-

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ACC NR: AP6027324

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nate in the metastable term  $^4P$ . "Step-ionization" processes, which involve an intermediate state, are also discussed qualitatively. These transitions are especially important for the  $2s2p^4P$  configurations of CII and NIII. The transition to the intermediate state  $2p^2np^4PDS$  leads to autoionization, for an atom in that state is unstable and disintegrates into a  $2p^2 3p$  ion plus a free electron. Orig. art. has: 2 tables, 6 formulas.

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SUBM DATE: 17May65/

ORIG REF: 003/

OTH REF: 003

Cord 2/2 *ph*

L46258-66 (1) GH

ACC NR: AP6027325

SOURCE CODE: UR/0043/66/000/002/0146/0149

AUTHOR: Nikitin, A. A.; Yakubovskiy, O. A.55  
B

ORG: none

TITLE: Lines of forbidden transitions involving the first excited configurations  $sp^2$  in the isoelectronic sequence of the (solar) corona. Part III: The forbidden transitions  $sp^2 \ ^4P \rightarrow s^2p^2P$

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 2, 1966, 146-149

TOPIC TAGS: forbidden transition, solar corona, ionization

ABSTRACT: The results of approximate calculations of the probabilities of transition between the metastable term  $sp^2 \ ^4P$  and the ground state  $s^2p^2P$  are presented. As in previous papers in this series, special attention is directed to the two isoelectronic sequences BI, CII, NIII, ... ( $2s2p^2$  configuration) and AlI, SiII, PIII, ... ( $3s3p^2$  configuration). A knowledge of these probabilities is needed in order to study the intensities of the lines in the basic multiplets of the two sequences mentioned above, and are also necessary for a study of step ionization processes which take place via the metastable intermediate state  $sp^2 \ ^4P$ . The calculated transition probabilities are compared with the relative intensities of the lines observed experimentally. Agree-

UDC: 523.77

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ACC NR: AP6027325

ment with experimental data is found to be good if the two lines correspond to one and the same upper level, but is somewhat reduced if the two transitions start with upper levels having different  $J$ . Because of the present lack of sufficiently pure samples of the atoms considered, experimental data for purposes of comparison is available only for a few of the lines. It is found that "step ionization" processes occurring via the metastable  $^4P$  state can be most significant in the  $2s2p^2$  series for CII and NIII. The lines of the forbidden multiplet  $sp^2 \ ^4P + s^2p^2P$  are most intense in the  $3s3p^2$  series; these lines can be seen both in the laboratory and also in the spectra of some stars. Transition probabilities are presented in tabular form. Orig. art. has: 5 tables, 3 formulas.

SUB CODE: <sup>03/</sup>20/

SUBM DATE: 17May65/

ORIG REF: 004/

OTH REF: 005

Card 2/2 *ldh*

YAKUBOVSKIY, S. [Jakubowski, S.], doktor med.; RUSHCHIN'SKAYA, Ya.  
[Ruszczyńska, J.]

Treatment of grave deformations in polyarthrits. Ortop.,  
travm. i protez. 26 no. 10:24-27 0 '65. (MIRA 18:12)

1. Iz ortopedicheskogo otdeleniya (zav. - S. Yakubovskiy)  
Revmatologicheskogo instituta (dir. - doktor med. V. Bryul'),  
Varshava. Adres avtora: Varshava, Spartanskaya ul. dom 1.  
Revmatologicheskij institut. Submitted July 9, 1965.

YAKUBOVSKIY, S. M.

"Investigation of the Operating Characteristics of Circulating Lubricant Systems and the Possibility of Lengthening Lubricant Service Life." Cand Tech Sci, Leningrad Shipbuilding Inst, Leningrad, 1954.  
(RZhMekh, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical  
Dissertation Defended at USSR Higher Educational Institutions  
(14)

YAKUBOVSKIY, V.A.

YAKUBOVSKIY, V.A.; PETROV, I.N.

Machine for pouring cold cast iron into ingot molds. Lit.proizv.  
no.7:27 J1'55. (MLRA 8:10)

(Foundry machinery and supplies)

YAKUBOVSKIY, V.A.

KUK, F. [Cook, F.E.]; PREYZER, Kh. [Preiser, H.S.]; MILLS, Dzh. [Mills, J.F.];  
YAKUBOVSKIY, V.A. [translator]; VEDEKIN, S.G., professor, redaktor;  
IVANOV, K.A., redaktor izdatel'stva; TIKHONOVA, Ye.A., tekhnicheskiy  
redaktor

[Electrical method of rust removal from tanker ship compartments.  
Translated from the English] Katodnyi sposob ochistki sudovykh tankov  
ot tzhavchiny. Perevod s angliiskogo. Moskva, Izd-vo "Morskoi  
transport," 1956. 41 p. (MLRA 10:9)  
(Tank vessels) (Corrosion and anticorrosives)

YAKUBOVSKIY, V.A. [IAkubovs'kyi, V.A.], kand.iator.nauk

Efforts of the party organizations of the Donets Basin to introduce new machinery and the cyclic organization of production in coal mines, 1949-1952. Nauk.zap.Kyiv.inzh.-bud.inst. no.1:72-99  
'59. (MIRA 15:7)

(Donets Basin—Coal mines and mining)

SERDYUKOV, M.K.; TSAREGRADSKIY, V.A.; YAKUBOVSKIY, V.I.; YAROSLAVTSEV, A.M.;  
PRITSKER, L.S.

Methods and results of prospecting for ore deposits in Kazakhstan  
using geophysical methods. Izv. AN Kazakh. SSR. Ser. geol. 21 no.  
4:74-83 J1-Ag '64. (MIRA 17:11)

1. Kazakhskiy geofizicheskiy trest, Alma-Ata.

BORKOVSKIY, M.A.; VOSTOKOV, A.I.; ZHVIRKO, I.S.; LEFESHKIN, I.P.;  
MEL'NIK, M.K.; MITROFANOV, V.P.; RODKEVICH, A.V.; SILIN,  
P.I. [deceased]; YAKUBOVSKIY, Y.V.; YEREMENKO, B.A.,  
retsenzent; MAR'YANCHIK, V.L., retsenzent; MAKSIMOV, A.I.,  
retsenzent; PRITYKINA, L.A., red.

[Handbook for the sugar manufacturer] Spravochnik sakhar-  
nika. Moskva, Pishchevaia promyshlennost'. Pt.2. 1965.  
778 p. (MIRA 18:9)

YAKUBOVSKIY, V. Ya. (Eng.); BERGER, Prof. A. Ya.  
CHERNYAVSKIY, Docent F. I.; ZAVALISHIN, Dr. D. A.

Electric Machinery - Testing

L. M. Pyotrovskiy and Ya. A. Pal's book "Testing electrical machines." Prof. A. Ya. Berger, Docent F. I. Chernyavskiy, Eng. V. Ya. Yakubovskiy, Dr. D. A. Zavalishin, and others. Elektrichestvo No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952 UNCLASSIFIED

YAKUBOVSKIY, V. Ya. Cand Tech Sci -- (diss) "Electromagnetic Processes in the Circuit of the "NO" ~~type~~ Electric Locomotive With Ionic ~~XXXXXXXXXXXXXXXX~~ Converters, and Means of Reducing the ~~Disturbing~~ <sup>effect</sup> Influence of Traction Current <sup>interference of</sup> on Telephone <sup>communication</sup> Circuits." Novocherkassk, 1957. 16 pp 20 cm. (Min of Higher Education USSR, Novocherkassk Polytechnic Inst im Sergo Ordzhonikidze), 125 copies (KL, 28-57, 110)

YAKUBOVSKIY, V.Ya., inzhener (g. Novocherkassk); TUSHKANOV, B.A., inzhener  
(g. Novocherkassk).

Conference at the Novocherkassk electric locomotive plant. Elektri-  
chestvo no.10:92 0 '57. (MLRA 10:9)  
(Novocherkassk--Electric locomotives)

YAKUBOVSKIY, Vladimir Yakovlevich, kand.tekhn.nauk, starshiy prepodavatel'

Using the IVS-200/5 ignitrons on electric locomotives of the ED  
series. Izv. vuz. uchob. zav.; elektromekh. 1 no.6:115-117  
'58. (MIRA 11:9)

1. Kafedra elektricheskikh mashin i apparatov Novocherkasskogo  
politeknicheskogo instituta.  
(Electric locomotives) (Electron tubes)

AUTHOR: Yakubovskiy, V.Ya.

SOV/144-58-8-18/18

TITLE: Book Review - Retsenzii

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Elektromekhanika,  
1958, Nr 8, pp 137 - 141 (USSR)

ABSTRACT: Review of the book "AC Locomotives With Static  
Rectifiers" by B.N. Tikhmenev. Transzheldorizdat, 1958.  
The book is favourably reviewed by Candidate of Technical  
Sciences V.Ya. Yakubovskiy, Senior Lecturer at the  
Novocherkassk Polytechnical Institute.

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USCOMM-DC-60,874

SOV/144-59-7-17/17

AUTHOR: Yakubovskiy, V.Ya., (Cand.Tech.Sci., Senior Lecturer)

TITLE: A Conference on Electric Circuits with Rectifiers

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,  
Elektromekhanika, 1959, Nr 7, pp 110-112 (USSR)

ABSTRACT: A conference on electrical circuits with rectifiers was held in L'vov from the 23rd to the 27th June 1959. It was organised by the Institute of Engineering and Automatics of the Acad.Sci. UkrSSR, the Moscow Power Institute and the L'vov Polytechnical Institute. The conference heard 50 reports and was attended by representatives of 40 organisations. Sections of the conference had Professor I.L. Kaganov (Dr.Tech.Sci.) and Professor B.M. Shlyaposhnikov (Dr.Tech.Sci.) as chairmen. F.T. Koval', Secretary of the L'vov Oblast Committee of the Communist Party of the Ukraine, gave a report on the 20th Congress of the Communist Party and the tasks of science. Professor I.L. Kaganov, (Dr.Tech.Sci.) spoke on the theory of valve action of semiconductor diodes and triodes and its reflection in equivalent circuits. He described the new method of constructing low and high frequency equivalent circuits for semiconductor valves.

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A Conference on Electric Circuits with Rectifiers

S.R. Glinternik (Cand.Tech.Sci.) read a report on behalf of Corresponding Member of the Acad.Sci. of the USSR L.R. Neyman, entitled 'Some Fundamental Problems of Ensuring Reliability of Large Rectifiers in Power Systems'. This described the results of work at the Power Institute Acad.Sci. USSR on group connection of valves and the use of capacitors to compensate reactive power in rectifier installations with ionic valves. A number of other questions were also considered. Professor G.Ye. Pukhov (Dr.Tech.Sci.) described the work that he has done in conjunction with Docent B.A. Borkovskiy (Cand.Tech.Sci.) on the point method of calculating the periodic processes in electric non-linear circuits, including valve circuits. L.I. Ivanov reported on a tentative analytical theory of discontinuous functions and on calculation of non-linear electrical circuits. S.R. Glinternik (Cand.Tech.Sci.) reported, separately, on the application of a new method of analysing electro-magnetic processes in ionic frequency changers, and on the design of a three-phase bridge circuit with parallel capacitors on the a.c. side by an approximate method. V.P. Sigerskiy (Cand.Tech.Sci.)

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described a method of making calculations on circuits with one valve and any number of reactive elements, or circuits with one reactive element and any number of valves. L.A. Sinitskiy (Cand.Tech.Sci.) gave a report on periodic conditions in circuits with rectifiers and iron-cored coils. Yu.M. Shumkov made a communication on an approximation to the volt-ampere characteristics of a semiconductor valve. Professor B.M. Shiyaposhnikov (Dr.Tech.Sci.) discussed the need to determine mean and r.m.s. values in making calculations on circuits using electronic valves. V.G. Bondarchuk described a method of calculating diode circuits. S.M. Zorin dealt with the design of small rectifiers working on a capacitive load. O.K. Shcherbakov described a practical method of calculating stabilised rectifiers for supplying computers. Ye.F. Zamor (Cand.Tech.Sci.), E.M. Mushkarden (Cand.Tech.Sci.) and G.A. Shevtsov (Cand.Tech.Sci.) explained how to increase the accuracy of practical methods of designing rectifiers. F.Ye. Pashukanis considered the design of ferrite-diode circuits with allowance for dynamic processes in the semiconductor diode. G.P. Mostkova reported on the control of high-power semiconductor

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A Conference on Electric Circuits with Rectifiers

rectifiers by means of a high-speed saturating choke. Professor A.M. Bamdas (Dr.Tech.Sci.) and Engineer A.P. Kuz'min described a three-phase rectifier with currentless commutation. S.V. Strakhov (Dr.Tech.Sci.) analysed transient electro-mechanical processes in a diesel-alternator with induction-motor load when rectifiers are used in the compounding and field circuits of the alternator. V.Z. Yarina described the results of investigations on speed control of induction motors in which she injected the rotor current with an e.m.f. derived from semiconductor rectifiers switched in and out of the circuit at the appropriate frequency. Professor B.P. Terent'yev (Dr.Tech.Sci.) explained an electron-impulse method of controlling ionic rectifiers and providing high-speed protection. A.N. Milyakh (Dr.Tech.Sci.) and B.Ye. Kubyshekin (Cand.Tech.Sci.) described a new contactless arrangement of valves for reversing the rectified current in plating shops. A number of questions relating to the design of rectifiers for supplying communications equipment were touched upon in the reports of V.A. Viyentiyesis, N.A. Levin, L.Ya. Misulovin, L.P. Melderis, and V.F. Zhdan. The reports of

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SOV/144-59-7-17/17

A Conference on Electric Circuits with Rectifiers

Ya.K. Shink, E.A. Yakubaytis, A.F. Krogeris and M.P. Vayvars gave information on the application of semiconductor rectifiers in control circuits and elsewhere. V.A. Koshan, Ya.S. Averbukh, V.I. Chervyakova, P.B.Usatin, and Ye.N. Kurilov described the use of semiconductor rectifiers in instrument technique. G.A. Kossov referred to controlled rectifiers using semiconductors, and E.V. Tsarenkov to diodes based on gelium-arsenite. E.I. Karakushan and V.I. Stafeyev discussed the magnetic control of the current in a semiconductor diode. Zh.I. Alferov described methods of manufacturing silica-diodes with special characteristics. Ya.I. Drabovich explained the operation of high-output semiconductor triodes under saturation conditions in switching and rectifier circuits. P.I. Dekhterenko described a controlled relay synchronous detector for use at ultra-low frequency. N.S. Yakovchuk and I.I. Rodichev gave an account of test equipment for semiconductor rectifiers. M.K. Kirilov and Kh.M. Zhelikhovskiy described the use of semiconductor rectifiers in automatic equipment for railways.

Card 5/6

SOV/144-59-7-17/17

A Conference on Electric Circuits with Rectifiers

The conference indicated future directions of development in the production of semiconductor rectifiers and emphasised the need to improve and supersede existing methods of designing electrical rectifier circuits. There are no figures, no tables, no references.

ASSOCIATION: Novocherkasskiy politekhnicheskiy institut  
(Novocherkassk Polytechnical Institute)

Card 16

YAKUBOVSKIY, Vladimir Yakovlevich, kand. tekhn. nauk

Calculation of the inductance of the cathode reactor of a large  
rectifying unit. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:130-  
134 '60. (MIRA 14:5)

1. Ispolnyayushchiy obyazannosti dotsenta kafedry elektricheskikh  
mashin i apparatov Novocherkasskogo politekhnicheskogo instituta.  
(Electric current rectifiers)

YAKUBOVSKIY, Vladimir Yakovlevich, kand.tekhn.nauk, dotsent

Calculation of currents and voltages in the branches of a large  
two-phase current rectifier network. Izv. vys. ucheb. zav.;  
elektromekh. 4 no.11:53-64 '61. (MIRA 14:12)

1. Kafedra elektricheskikh mashin Novochoerkasskogo politekhnicheskogo  
instituta. (Electric current rectifiers)

YAKUBOVSKIY, Vladimir Yakovlevich, kandidat tekhn.nauk, dotsent

Use of an analog computer for calculating the steady-state conditions in a two-phase rectifier network. Izv. vys. ucheb. zav.; elektromekh. 5 no.5:527-535 '62. (MIRA 15:5)

1. Kafedra elektricheskikh mashin, apparatov, matematicheskikh i schetno-reshayushchikh priborov i ustroystv Novocherkasskogo politekhnicheskogo instituta.

(Electric current rectifiers)  
(Electronic analog computers)

YAKUBOVSKIY, Vladimir Yakovlevich, kand. tekhn. nauk, dotsent

Mathematical model of a rectifying unit. Izv. vys. ucheb.  
zav.; elektromekh. 6 no.10:1179-1186 '63. (MIRA 17:1)

1. Kafedra elektricheskikh mashin, apparatov, matematicheskikh  
i schetnoreshayushchikh priborov i ustroystv Novocherkasskogo  
politekhnicheskogo instituta.

YAKUBOVSKIY, Vladimir Yakovlevich, kand. tekhn. nauk, dotsent

Mathematical model of an inverter unit. Izv. vys. ushet. zav.  
elektromekhn. 7 no. 4:456-463 '64 (MIRA 178?)

1. Kafedra elektricheskikh mashin, apparatov, matematicheskikh  
i schetnoreshayushchikh priborov i ustroystv Novocheerkasskogo  
politekhmicheskogo instituta.

YAKUBOVSKIY, Vladimir Yakovlevich, kand. tekhn. nauk, dotsent

Concerning S.D. Levintov's review of a book by V.P. Andreev  
and U.A. Sabinin "Principles of electric drives." Izv. vys.  
ucheb. zav.; elektromekh. 7 no.8:1041-1042 '64. (MIRA 17:10)

1. Kafedra elektricheskikh mashin i apparatov Novocherkasskogo  
politekhnicheskogo instituta.

YAKUBOVSKIY, Vladimir Yakovlevich, kand. tekhn. nauk, dotsent

Harmonic analysis of currents and voltages in a two-phase rectifier circuit. Izv. vyz. ucheb. zav.; elektromekh. 8 no.1:55-65 '69. (MIRA 12:3)

1. Kafedra elektricheskikh mashin, apparatov, matematicheskikh schetnoreshayushchikh priborov i ustroystv Novocheerkasskogo politekhnicheskogo instituta.

*YAKUBOVSKIY, Ya.L.*

YAKUBOVSKIY, Ya.L., akademik

Scientific research in the field of electric power in the Polish  
People's Republic. Elektrichestvo no.1:85-89 Ja '58. (MIRA 11:2)

1. Elektrotekhnicheskiy komitet Pol'skoy AN.  
(Poland--Electric power)

YAKUBOVSKIY, Ya.M.

Selective flotation of pegmatites. Obog.rud. 7 no.1:20-24  
162. (MIRA 15:3)

1. Leningradskiy gornyy institut.  
(Pegmatites) (Flotation)

YAKUBOVSKY, YU. D.

STAROVOYTOV, A. Ye., inzhener

Efficiency suggestions made by the Sakhalin paper makers ("In-  
novator suggestions by workers in the Sakhalin wood pulp and  
paper combines." IU.D. Iakubovskii. Reviewed by A.S. Starovoirov)  
Bum.prom.30 no.9:32 S '55. (MIRA 8:12)  
(Sakhalin--Paper industry) (Yakubovskii, Yu.D.)

YAKUBOVSKIY, Yu.I., inzh.

Press rotor with a hydromechanical intensifier. Mashino-  
stroenie no.1:59-61 Ja-F '65. (MIRA 18:4)

YAKUBOVSKIY, Yu.V.

Concerning a case of the stabilization of the apparent rest of yarn.  
Izv.vys.ucheb.zav.;tekh.tekst.prom. no.2;123-127 '60. (MIRA 13:11)

1. Moskovskiy tekstil'nyy institut.  
(Yarn) (Textile research)

YAKUBOVSKIY, Yu.V.

Multiple balloon. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.3:  
39-49 '61. (MIRA 14:7)

1. Moskovskiy tekstil'nyy institut.  
(Spinning)

PROSHKOV, A.F.; YAKUBOVSKIY, Yu.V., kand. fiz.-matem. nauk,  
retsensent; KUBAREV, V.I., inzh., red.; TAIROVA, A.L.,  
red.izd-va; SMIRNOVA, G.V., tekhn. red.

[Study and design of winding mechanisms] Issledovanie i  
proektirovanie metal'nykh mekhanizmov. Moskva, Mashgiz,  
1963. 314 p. (MIRA 16:12)  
(Spinning machinery)

YAKUBOVSKIY, YU. V.

"Certain Problems of the Theory of Bifurcation." Sub 13 Mar 47, Moscow  
Oblast Pedagogical Inst

Dissertations presented for degrees in science and engineering in Moscow  
in 1947

SO: Sum No. 457, 18 Apr 55

*Comm. Physics Dept*

YAKUBOVSKIY, Yu. V., LYAKHOV, L. L., and ZAPARIY, M. P.

"Experience Gained in the Application of Electric Prospecting in Searching for Fresh Underground Waters," *Razvedka i Otkrytiya Nedr*, No.3, pp 32-39, 1954

SO: W-31429, 2 Sep 55

YAKUBOVSKIY, Yu. v.

Models for variable electromagnetic sound frequency fields.  
Trudy MGRI no.28:192-199 '55. (MLRA 8:6)  
(Electromagnetism)

YAKUBOVSKIY, Yuriy Vladimirovich; LYAKHOV, Lev L'vovich; AI'PIN, L.M.,  
redaktor; KOLOSKOVA, N.I., redaktor izdatel'stva; GUROVA, O.A.,  
tekhnicheskiy redaktor

[Electric geophysical exploration] Elektrorasvedka. Moskva, Gos.  
nauchno-tekhn. izd-vo lit-ry po geol. i okhrane neдр, 1956. 358 p.  
(Prospecting—Geophysical methods) (MIRA 10:3)

YAKUBOVSKIY, Yu. V.

KAMENETSKIY, F.M.; KAUFMAN, A.A.; YAKUBOVSKIY, Yu.V.

Selecting the optimum frequency for inductive electrical prospecting.  
Izv. AN SSSR, Ser. geofiz. no.2:200-210 F '57. (MLRA 10:4)

1. Meskovskiy geologe-razvedechnyy institut.  
(Prospecting--Geophysical methods)

YAKUBOVSKIY, YU. V.  
KAMENETSKAYA, R. M.; YAKUBOVSKIY, Yu. V.

Results of using ground currents in prospecting for polymetallic deposits. Razved.i okh.nedr 23 no.3:45-48 Mr '57. (MLBA 10:5)

1. Moskovskiy geologo-razvedochnyy institut im. S. Ordzhonikidze.  
(Prospecting--Geophysical methods) (Terrestrial electricity)

KAMENETSKIY, F.M.; KAUFMAN, A.A.; YAKUBOVSKIY, Yu.V.

Inductive methods in electric prospecting for ores. Trudy MGRI  
36:32-46 '59. (MIRA 15:5)

(Electromagnetic prospecting)

KAMENETSKIY, F.M.; KOVALENKO, V.F.; YAKUBOVSKIY, Yu. V.

Two-frequency induction electric logging. Izv. vys. ucheb. zav.;  
geol. 1 razv.; 2 no.7:99-107 J1 '59 (MIRA 13:3)

1. Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.  
(Electric prospecting)

YAKUBOVSKIY, Yu.V.; KAUFMAN, A.A.; KOVALENKO, V.F.

Possibility of using the induction constant electromagnetic field method in prospecting for highly conductive ore bodies. Izv.vys.ucheb.zav.; geol.i razv. no.3: 119-128 My '60. (MIRA 13:7)

1. Moskovskiy geologorazvedochnyy institut im. S.Ordshonikidze.  
(Electric prospecting)

YAKUBOVSKIY, Yu.V.

Present status of and trends in the development of low-frequency induction methods in electric prospecting. *Izv.vys.ucheb.zav.; geol. i razv.* 4 no.8:100-105 Ag '61. (MIRA 14:9)

1. Moskovskiy geologorazvedochnyy institut imeni S.Ordzhonikidze.  
(Electric prospecting)

YAKUBOVSKIY, Yuriy Vladimirovich; BORUSEKO, T.I., red.izd-va;  
SHMAKOVA, T.M., Lekhn. red.

[Inductive methods of electric prospecting] Induktivnye  
metody elektrorazvedki. Moskva, Gosgeoltekhizdat, 1963.  
210 p. (MIRA 16:10)

(Electric prospecting)

YAKUBOVSKIY, Yu.V., doktor tekhn. nauk

Answer to N.P. Isnikov's article "Tension of the thread in a  
contour motion." Izv. vys. ucheb. zav.; tekhn. leg. prom.  
no.5:170-176 '63. (MIRA 16:12)

1. Moskovskiy tekstil'nyy institut.

TARKHOV, A.G.; YAKUBOVSKIY, Yu.V.

Review of V. Fritsch's book "Electrical measurements in large  
conductors as used in applied terrestrial electricity work."

Izv. vys. ucheb. zav.; geol. 1 razv. 6 no.9:149-150 S '63.

(MIRA 17:10)

1. Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze.

AL'PIN, L.M., prof., otv. red.; TARKHOV, A.G., prof., zam. otv.  
red.; YAKUBOVSKIY, Yu.V., dots., zam. otv. red.

[Transactions of the All-Union Interuniversity Scientific  
Conference on Inductive Methods for Ore Geophysics] Trudy  
Mezhvuzovskoi nauchnoi konferentsii po induktivnym metodam  
rudnoi geofiziki. Moskva, Izd-vo "Nedra," 1964. 233 p.  
(MIRA 17:7)

1. Vsesoyuznaya mezhvuzovskaya nauchnaya konferentsiya po  
induktivnym metodam rudnoy geofiziki, Moscow, 1961.
2. Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze  
(for Tarkhov).

YAKUBOVSKIY, Yuriy Vladimirovich; LYAKHOV, Lev L'vovich; BLOKH,  
I.M., kand. tekhn. nauk, retsenzent; BOGACHEVA, N.G.,  
ved. red.

[Electric prospecting] Elektrozvedka. Izd. 2., perer. 1  
dop. Moskva, Nedra, 1964. 417 p. (MIRA 17:11)

YAKUBOVSKIY-LIPSKIY, Yu.

Radio astronomy in navigation. Mor. flot 16 no.12:13-15 (MLRA 10:2)  
D '56.

(Nautical astronomy)

YAKUBOVSKIY, LIPSKIY, Yu., inzh.-kapitan vtorogo ranga

Expected distance of the optical visibility of beacon lights,  
actual atmospheric transperance coefficient, and their  
determination. Mor.flot 23 no.2:20-21 F '63. (MIRA 16:2)  
(Beacons) (Atmospheric transparency)

YAKUBSON, A.K., professor (Voronezh)

~~five positive~~ Wasserman reactions. Vest.derm. i van. 31 no.1:  
37-43 Ja-F '57. (MLRA 10:7)  
(WASSERMANN REACTION  
false-positive, review)

EXCERPTA MEDICA Sec 13 Vol 13/2 Dermatology Feb 59

687. CONTAGIOUS KERATOSIS FOLLICULARIS (Russian text) - Yakubson  
A. K. and Batkina K. I. - VESTN. DERM. VENER. 1958, 32/2 (24-28)  
illus. 4

The authors observed 3 families, all members of which suffered from keratosis follicularis contagiosa. Apart from the family members, the rash also appeared in two women who had had contact with the diseased children. The authors suggest that this disease is a contagious one. The rash disappeared, leaving slightly depressed scars, in 4 to 8 months' time following treatment with keratolytic ointments and administration of vitamin A.  
Kraus - Hradec Králové

*Voronezh Oblast Dermat-Venerological  
Dispensary*

*Yakovlev*  
ABDUSAMETOV, R. Kh. (Semipalatinsk), ANTON'YEV, A.A., kand.med.nauk. (Rostov-na-Donu), BRZHESKIY, V.Ch. (Tikhvin, Leningradskaya oblast')  
GRZHEBIN, Z.K., prof. (Chernovitsy), IVANOV, N.A., prof. (Leningrad)  
KAZAKOV, V.I., dots. (Stavropol' na Kavkaze), SLADKOVICH, S.Ye.  
(Moskva), TORBUYEV, N.A., prof. (Rostov-na-Donu), MAKSIMOVA, A.A.  
dots. (Rostov-na-Donu), FAYN, A.B., kand.med.nauk (Saratov) KERISTIN, L.I.  
prof. (Stanislav), YAKUBSON, A.K., prof. (Novosibirsk), LESHNIKOV, Ye.P.,  
assistant (Novosibirsk)

Problems of teaching dermatovenerology in medical institutes. Vest.  
derm. i ven. 32 no. 3:60-69 '58 (MIRA 11:7)

(DERMATOLOGY, educ.  
in Russia (Rus))  
(SYPHILOLOGY, educ.  
in Russia (Rus))

YAKUBSON, A.K.; SHERMAN, S.M.

Treatment of lupus erythematosus with bigamal. Sov. med. 25 no.11:  
144-146 N '61. (MIRA 15:5)

1. Iz kliniki kozhnykh bolezney (zav. - prof. A.K.Yakubson) Novo-  
sibirskogo meditsinskogo instituta i gorodskogo venerologicheskogo  
dispansera (glavnyy vrach N.I.Sukhareva).  
(LUPUS ERYTHEMATOSUS) (PALUDRINE)

YAKUBSON, A. K.; YUDKINA, L. N.

Local treatment of alopecia areata and totalis with corticosteroid preparations. Vest. dermat. i ven. no.4:39-43 '62. (MIRA 15:4)

1. Iz kliniki kozhnykh i venericheskikh bolezney (zav. - prof. A. K. Yakubson) Novosibirskogo meditsinskogo instituta (dir. - zasluzhenny deyatel' nauki prof. G. D. Zalesskiy)

(BALDNESS) (ADRENOCORTICAL HORMONES)

YAKUBSON, A.K., prof.; SAMARINA, Z.N. (Novosibirsk)

Clinical aspects of exudative erythema multiforme  
(Stevens-Johnson syndrome). Klin. med. 41 no.6:22-27  
Je '63. (MIRA 17:1)

1. Iz kliniki kozhnykh i venericheskikh bolezney (zav. -  
prof. A.K. Yakubson) Novosibirskogo meditsinskogo insti-  
tuta.

YAKUBSON, A.K.; SAVINYKH, H.M.

Late results in the treatment of syphilis. Vest. dermat. i ven.  
37 no.8:35-42 Ag'63 (MIRA 17:4)

1. Klinika kozhnykh i venericheskikh bolezney (zav. - kafedroy  
prof. A.K. Yakubson) Novosibirskogo meditsinskogo instituta i  
Novosibirskiy gorodskoy venerologicheskoy dispensar (glavnyy  
vrach A.M. Izmaylova).

YAKUBSON, A.K., prof.; LESNIKOV, Ye.P., dotsent

News. Vest. dermat. i ven. 38 no.7:81-86 J1 '64.

(MIRA 18:4)

1. Predsedatel' pravleniya Novosibirskogo dermato-venerologicheskogo obshchestva (for Yakubson). 2. Otvetstvennyy sekretar' pravleniya Novosibirskogo dermato-venerologicheskogo obshchestva (for Lesnikov).

AMITIN, A.V.; YAKUBSON, A.M.

Determination of the entrainment of fine-grained material from  
a fluidized bed. Inzh.-fiz.zhur. 5 no.12:91-93 D '62.

(MIRA 16:2)

1. Institut organicheskikh poluproduktov i krasiteley, Moskva.  
(Fluidization)

YAKUBSON, B.S.

Aneurysm of a branch of the renal artery. Urologia, 21 no.1:62-63  
Jan-F '58. (MIRA 11:3)

1. Iz urologicheskogo otdeleniya (zav.-prof. L.I.Dunayevskiy)  
6-y Gorodskoy klinicheskoy bol'nitsy, Moskva.

(KIDNEYS, blood supply  
aneurysm of branch of renal artery)  
(ANEURYSM, case reports  
of branch of renal artery)

YAKUBSON, B.S. (Moskva)

Diagnosis of cancer of the prostate; survey of foreign literature.  
Urologiia 24 no.5:67-72 S-0 '59. (MIRA 12:12)  
(PROSTATE neoplasms)

YAKUBSON, B.S.

Acute liver dystrophy in the treatment of prostate cancer with  
synestrol. Urologia no.6:66-67 '60. (MIRA 15:5)

1. Iz urologicheskogo otdeleniya (zav. - prof. L.I. Dunayevskiy)  
6-y Moskovskoy klinicheskoy bol'nitsy.  
(PROSTATE--CANCER) (PHENOSL) (LIVER--DISEASES)

GOLIGORSKIY, S.D.; PYTEL', A.Ya.; SHISHOV, I.F.; DZHAVAD-ZADE, M.D.;  
RYABINSKIY, V.S.; MEHEL', M.Ye.; YAKUBSON, B.S.; YAZEGUR, F.M.

Reports. Urologia 25 no.1:83-93 Ja-F '60. (MIRA 15:6)  
(UROLOGY---ABSTRACTS)

YAKUBSON, B. S.

Transrectal biopsy of the prostate as a method for the early diagnosis of prostatic cancer. Urologia no.6:34-38 '61.  
(MIRA 15:4)

1. Iz urologicheskogo otdeleniya (zav. - prof. L. I. Dunayevskiy)  
6-y Moskovskoy gorodskoy klinicheskoy bol'nitsy.

(PROSTATE GLAND--CANCER) (BIOPSY)

YAKUBSON, G.G.

1. GEL'FAND, YA. S., YAKUBSON, G. G.

2. USSR (600)

4. Dynamos

7. New protective schemes for generators and transformers. Rab. energ. 2, no. 2, 1952.

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

GAYEVENKO, Yuriy Aleksandrovich, inzh. LEVIUSH, A.I., inzh., retsenzent;  
YAKUBSON, G.G., retsenzent; SAVCHENKO, L.Ya., inzh., red. izd-  
va; STARODUB, T.A., tekhn. red.

[New transistorized protection relays]Novye rele zashchity na  
poluprovodnikakh. Kiev, Gostekhzdat USSR, 1962. 210 p.  
(MIRA 16:2)

(Electric relays) (Electric protection)

USSR/Human and Animal Physiology - Internal Secretion.  
The Thyroid Gland.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12963

Author : Yakobzon, I.A.

Inst : ~~XXXXXXXXXXXXXXXXXXXX~~

Title : Atypical Goitre

Orig Pub : Zdravookhraneniye (Kishinev), 1958, No 3, 47

Abstract : No abstract.

Card 1/1

~~SECRET~~  
YAKUBSON, K.I.; GUBERMAN, Sh.A.

Experimental investigation of space and energy distribution of  
neutrons on a stratum model. Trudy MINKHIGP no.31:81-99  
'60. (MIRA 13:11)

(Radioactive prospecting)

YAKUBSON, K. I.

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniya v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

Card 1/11

Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

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Radioactive Isotopes and Nuclear (Cont.)

307/5592

development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

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NEDOSTUP, G.A.; YAKUBSON, K.I.

Radiation measurement of holes in copper and nickel ore  
deposits. Geofiz. razved. no.11:90-106 '63. (MIRA 16:8)

(Radioactive prospecting)

YAKUBSON, K.I.

Study of the activity of rocks induced by the action of fast  
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