

IONKIN, G. M.

EXCERPTA MEDICA Sec.2 Vol.9/12 Physiology, etc. Dec 56

5549. IONKIN G. A. and LEONOV A. N. Chair of Pathol. Physiol., Med. Inst.,  
Stalingrad. \*Production of cerebral ischaemia in chronic  
experiments by movable ligatures on blood vessels  
supplying the brain (Russian text) FIZIOL. Z. 1956, 42/5  
(425-429) illus. 2

A loose ligature is placed around any one of all eleven arteries supplying the  
brain. The ends of the ligature pass through a Y-shaped tube to the surface. After  
the tubes have healed in, the loops of the ligature can be tightened by pulling and  
fastening the ends.  
Simonson - Minneapolis, Minn.

1. KAFEDRA PATOLOGICHESKOY FIZIOLOGI  
STALINGRADSKOGO ME. ~~ME.~~ INST.

IONKIN, G. A.

"About the Application of 'Hemoinfusine' for Medical Purposes in Case of Severe and Acute Loss of Blood during an Experiment," Trudy Stalingradskogo Medistituta, 1951, vol. 8

IONKIN, G.A.; GAVRIKOV, K.V. (Stalingrad)

Method of performing dynamic (direct and indirect) portacaval  
anastomosis. Pat. fiziol. i eksp. terap. 4 no. 5:73-74 S-0 '60.  
(MIRA 13:10)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. G.A. Ionkin)  
Stalingradskogo meditsinskogo instituta.  
(PORTACAVAL ANASTOMOSIS)

IONKIN, G.A.; PAN'SHINA, M.V. (Stalingrad)

Method for the production of experimental hypertension. Pat.fiziol.  
i eksp. terap. 5 no.3:84-85 My-Je '61. (MIRA 14:6)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. G.A.  
Ionkin) Stalingradskogo meditsinskogo instituta.  
(HYPERTENSION)

DMITRIYEVSKIY, A.V., kand.tekhn.nauk; IONKIN, N.P.

Antiknock qualities of modern automobiles. Avt.prom. 28 no.5:  
20-23 My '62. (MIRA 15:5)

1. Gosudarstvennyy soyusnyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Automobiles--Engines--Testing)

IONKIN, P. A.

Ionkin, P. A., "Equivalent Circuits for Electrical Networks With Magnetic Coupling"

Moscow Power Engineering Institute imeni Volotov (MPEI),  
SO: Elektrichestvo, No. 2, 1947; (N-27801, 14 Sept. 1955)

PA 171T51

IONKIN, P. A. DOCENT

USSR/Electricity - Circuits, Passive      Nov 50  
Equivalent Circuits

"Equivalent Circuits for Passive Electric Networks," Docent P. A. Ionkin, Cand Tech Sci, Moscow Power Eng Inst Imeni Molotov

"Elektrichestvo" No 11, pp 74-78

Simple method, in accordance with given equations and limiting conditions, finds parameters of equivalent circuits for subject networks in steady state. Shows certain relations establishing connection between such circuits and multiple-winding transformers without steel cores.

171T51

USSR/Electricity - Circuits, Passive      Nov 50  
(Contd)

Gives concrete examples of determining parameters for equivalent circuits of transformers. Submitted 25 May 50.

171T51

IONKIN, P. A., Docent

USSR/Electricity - Four-Terminal  
Networks

Oct 51

"Equivalent Circuit and Circular Diagram for an  
Active Four-Terminal Network," Docent P. A.  
Ionkin, Moscow Power Eng Inst imeni Molotov

"Elektrichestvo" No 10, pp 51-55

Proposes an equiv circuit of an active 4-terminal  
network with linear parameters. Draws up the  
circular diagram for a case of a changing load.  
By comparison, clarifies the common and different  
characteristics of active and passive 4-terminal  
networks. Submitted 23 Oct 50.

201745



IONKIN, P. A.

Sbornik zadach i uprazhnenii po obshchei elektrotekhnike [Collection of  
problems and exercises in general electrical engineering]. Izd. 2-e. Moskva,  
"Sov. nauka," 1952. 436 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1954.

IONKIN, P. A.

Electrical Engineering Abstracts  
May 1954  
Electric Waves and Oscillations

① *Elektronika - physics*  
2071. Application of equivalent circuits of the active quadripole and hexapole type to the calculation of non-linear circuits. V. P. A. IONKIN. *Elektrichestvo*, 1953, No. 8, 39-43. *In Russian.*

A graphical method of calculating d.c. circuits with two and three non-linear elements is presented. It is in most cases possible to let the non-linear elements form separate branches and to represent the remaining part of the system by either a 4- or 6-terminal network (active quadripole or hexapole). The latter may then be transformed into, say, T-type equivalent circuits. In the resulting networks the branches containing the non-linear elements will then carry the real currents. The actual a.m.f.'s can then be determined either by calculation or experimentally by simultaneously opening the branches with the non-linear elements, the resistances of the equivalent circuits by the equations of the corresponding passive multipole. The method is fully demonstrated and several numerical examples are worked out.

F. F. KRAUS

*Handwritten notes:*  
D. I. IONKIN  
KRAUS

IONKIN, P.A.

AID P - 640

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 9/34

Author : Ionkin, P. A., Kand. of Tech. Sci., Moscow

Title : Design of A-C circuits with non-linear inertia elements

Periodical : Elektrichestvo, 9, 38-45, S 1954

Abstract : The author presents some methods of calculation based on the application of equivalent circuits and on the utilization of the non-linear parameters. Examples of circuits with one, two and three elements are presented. 17 graphs, 3 references (1948-1953).

Institution : Moscow Institute of Power Engineering im. Molotov

Submitted : Mr 17, 1954

PETER A. IONKIN, P. A.

N/5  
633  
.24

V trekh chastyakh. Moskva, Gosenergoizdat, 1955. 3 v. Diagr. Lib. Has: V. I

IONKIN, P. A.

ZHUKHE, Georgiy Vasil'yevich; IONKIN, Petr Afanas'yevich; ZHUKHOVITSKIY  
B. Ya, redaktor; FRIKIN, A. W., tekhnicheskiiy redaktor

[Principles of electrical engineering] Osnovy elektrotekhniki,  
Moskva, Gos. energ. izd-vo, 1955. Part 1. [Principles of the  
circuit theory] Osnovy teorii tsapai. 1955. 215 p. (MLRA 8:8)  
(Electric circuits)

IONKIN, P.A.; PANTYUSHIN, V.S., professor; SMIRNOV, V.A.; KURDYUKOV, N.N.,  
redaktor; KOROL'VA, L.I., tekhnicheskiy redaktor

[Collection of problems and exercises in general electric  
engineering] Sbornik zadach i uprashnenii po obshchei elektro-  
tehnike. Izd. 3-e, dop. i perer. Moskva, Gos.izd-vo "Sovetskaiia  
nauka," 1955. 460 p. (MIRA 9:3)  
(Electric engineering--Problems, exercises, etc.)

IONKIN, P. A.

AID P - 2355

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 19/30

Authors : Zeveke, G. V., Kand. of Tech. Sci., Dotsent  
Ionkin, P. A., Kand. of Tech. Sci., Dotsent  
Netushil, A. V., Doc. of Tech. Sci., Prof.  
Strakhov, S. V., Kand. of Tech. Sci., Dotsent, Moscow  
Power Engineering Institute im Molotov; Darevskiy, A.I.,  
Kand. of Tech. Sci., Dotsent, All-Union Correspondence  
Polytechnical Institute; Lomonosov, V. Yu., Doc. of Tech.  
Sci., Prof. Central Scientific Research Institute of the  
Ministry of Electric Power Stations; Neyman, L. R., Prof.  
Corr. Mem. of Academy of Sciences, USSR Leningrad Poly-  
technical Institute im. Kalinin

Title : Concerning a textbook on the theory of electrical engi-  
neering for a university course (Discussion) (Same  
journal, Nos. 6, 7, 12, 1953; Nos. 3, 4, 1954)

Periodical : Elektrichestvo, 5, 69-73, My 1955

Abstract : The discussion concerned the coordination of the course  
in the theoretical bases of electrical engineering with

AID P - 2355

Elektrichestvo, 5, 69-73, My 1955

Card 2/2 Pub. 27 - 19/30

,  
the courses of mathematics and physics in order to avoid duplication. As a result of the discussion, a plan for future textbooks was outlined on the basis of two such books, one written by a collective of authors from the Moscow Institute of Power Engineering, the other by L. R. Neyman and P. L. Kalantarov of the Leningrad Polytechnical Institute. The conclusions of the discussion will be included in the new program of the Ministry of Higher Education.

Institution: None

Submitted : No date



*IONKIN, P.A.*

KURNEV, S.I., doktor tekhnicheskikh nauk, dotsent; MEYEROVICH, E.A., doktor tekhnicheskikh nauk, professor; VORONOV, R.A., doktor tekhnicheskikh nauk, dotsent; PONOMAREVA, G.F., kandidat tekhnicheskikh nauk, dotsent; IONKIN, P.A., kandidat tekhnicheskikh nauk, dotsent.

Methods for calculating nonlinear circuits. Elektrichestvo no.8:91-92  
Ag '56. (MLRA 9:10)

1.Kafedra Voenno-morskoy akademii imeni Krylova (for Kurnev). 2.Energeticheskiy institut imeni Krashizhanovskogo AN SSSR (for Meyerovich).  
3.Moskovskiy energeticheskiy institut imeni Molotova (for Ionkin).  
(Electric circuits)

IONKIN, P.A., kandidat tekhnicheskikh nauk, dotsent.

Calculation of three-phase circuits with inertia nonlinear elements.  
Trudy MBI no.18:28-34 '56. (MIRA 10:1)

1. Kafedra teoreticheskikh osnov elektrotekhniki.  
(Electric circuits)

IONKIN, P. A. Doc Tech Sci -- (diss) "Graphoanalytical methods of the calculation of <sup>circuits</sup> ~~chains~~ with linear and nonlinear elements." Mos, 1957, 42 pp with charts. (Min of Higher Education USSR. Mos Order of Lenin Power Engineering Inst), 100 copies. Bibliography at end of book (21 titles) (KL, 11-58, 116)

AUTHOR: IONKIN, P.A. (Moscow) PA - 3580  
TITLE: On the Calculation of Non-Linear Circuits by Using the Transformation Method and on an Error Committed when Using the Method. (O raschete nelineynykh tsepey pri pomoshchi metoda preobrazovaniya (transfiguratsii) i ob odnoy oshibke v primenenii etogo metoda, Russian)  
PERIODICAL: Avtomatika i Telemekhanika, 1957, Vol 18, Nr 6, pp 574 - 577 (U.S.S.R.)  
ABSTRACT: In an article by V.Ye.VARTEL'SKIY, Avtomatika i Telemekhanika, 1940, Nr 2, a method is described for the transformation of a triangle (consisting of nonlinear elements) into an equivalent star. This graphical method contains a grave error. The error consists in the fact that the equations derived here are applicable only to linear electric circuits. For this reason also the results obtained on this basis are not correct.  
A transformation given by the author in "Osnovy elektrotehniki", part I, published by Gosenergoizdat, 1955 is investigated here. Star-, triangular circuits, and a circuit with a full square is given. It is shown that it is possible by means of a previous transformation of the given circuit in the scheme with series- and parallel circuit of the active and passive nonlinear bipolars,

Card 1/2

PA - 3580

On the Calculation of Non-Linear Circuits by Using the Transformation Method, and on an Error Committed when Using the Method.

to compute a number of branched electric circuits with nonlinear elements.

(7 illustrations and 2 Slavic references)

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED: 5.3.1956

AVAILABLE: Library of Congress

Card 2/2

IONKIN, P. A.

AUTHOR: IONKIN, P. A., cand. tech. sc. 105-8-4/20  
TITLE: Formulae for Transforming Nonpassive Multi-Node Star Networks  
into Equivalent Polygon Networks. (Formuly preobrazovaniya  
aktivnykh mnoguzlovykh zvezd v ekvivalentnyye mnogougol'niki,  
Russian)  
PERIODICAL: Elektrichestvo, 1957, Nr 8, pp 22 - 26 (U.S.S.R.)  
ABSTRACT: Formulae for transforming multi-ray star networks into an  
equivalent polygon network are often used in the calculation  
and investigation of branched electric circuits. In order to  
obtain these formulae it is sufficient to exclude the potential  
of the common nodal point from the system of node-potential  
equations. A new circuit scheme in form of an equivalent polygon  
will satisfy the system of equations obtained in that manner. The  
formulae for the transformation of two-node, three-node and four-  
node stars into equivalent polygons can be found quite as easily.  
The application of such formulae in many cases substantially  
facilitates the calculation and the analysis of branched cir-  
cuits. Such transformations are shown here for a system with  
a complete two-node star, for a system with a complete and a  
non-complete three-node star. For transformation of the system  
with a four-node star virtually only the formulae for a non-

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105-8-4/20

Formulae for Transforming Non-Passive Multi-Node Star Networks into Equivalent Polygon Networks.

complete four-node star are to be used, since in the case of a greater number of branches and nodes the transformations become to complicated. (7 illustrations, 3 Slavic references)

ASSOCIATION: Moscow Institute of Power Engineering. (Moskovskiy energeticheskiy institut)

PRESENTED BY:

SUBMITTED: 5.1.1957

AVAILABLE: Library of Congress

Card 2/2

IONKIN, P.A.; PANTYUSHIN, V.S.; prof.; SMIRNOV, V.A.; KURDYUKOV, N.N.,  
red.; ANOSHINA, K.I., red.isd-va; GRIGORCHUK, L.A., tekhn.red.

[Collected problems and exercises on general electric engineering]  
Sbornik zadach i uprasnenii po obshchei elektrotekhnike. Pod  
red. V.S.Pantiushina. Izd. 4. Moskva, Gos.izd-vo "Sovetskaiia nauka,"  
1958. 458 p. (MIRA 12:8)\*

(Electric engineering)



105-58-3-11/31

**AUTHOR:** Ionkin, P. A. , Candidate of Technical Sciences

**TITLE:** On Computing Non-Linear Circuits by Means of the Iteration Method (O raschete nelineynykh tsepey iteratsionnym sposobom)

**PERIODICAL:** Elektrichestvo, 1958, Nr 3, pp. 45 - 50 (USSR)

**ABSTRACT:** Here, a few formulae, which determine the conditions for the convergence of an iteration method in solving the equations of circuits with non-linear elements, are investigated. The computation method for transient and stabilized processes in non-linear circuits is represented here. At first, the diagram with a non-linear element is investigated. Equation (3) - the condition for the convergence - is derived. Equation (6) is derived as a condition for the convergence from another computation scheme. It is shown that for the convergence of the iteration method it is not only important that (3) and (6) are satisfied, but it is important as well to select the correct computation scheme. Then the conditions for the convergence (9) and (10) are derived according to a further computation scheme. At a positive dynamic resistance  $r_d(U)$

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105-58-5-11/31

On Computing Non-Linear Circuits by Means of the Iteration Method

the latter is satisfied independent from the value of the constant resistance  $r$ . Thereafter the convergence conditions for an iteration method for the solving of the equations of a ramified circuit with two non-linear elements are investigated, and the conditions for the convergence are found. Circuits with more than two non-linear elements are treated in the same manner, and the formulae analogous to the equations (9) and (10) are found. Next, the computation method of non-linear circuits with non-sinoidal currents and voltages are investigated. Finally, it is shown by means of a concrete example that this iteration method can be used for the purpose of computing transient as well as already stabilized processes in circuits with non-inert, non-linear elements. There are 7 figures and 7 references, **all Soviet**.

**ASSOCIATION:** Moskovskiy energeticheskiy institut (Moscow Institute for Power Engineering)

**SUBMITTED:** April 24, 1957

**REMARKS:**  
Card 2/2

IONKIN, P.A., dotsent, kand.tekhn.nauk; MEL'NIKOV, N.A., dotsent, kand.  
tekhn.nauk

Determining the operating conditions for electric networks.  
Trudy VZEI no.9:82-85 '58. (MIRA 12:10)  
(Electric networks)

AUTHOR: ~~Ionkin, P. A.~~ Docent, Candidate of Technical Sciences SOV/105-58-10-1/28

TITLE: Computation of Transient Processes in Linear Systems  
(Raschet perekhodnykh protsessov v lineynykh sistemakh)

PERIODICAL: Elektrichestvo, 1958, Nr 10, pp 1 - 7 (USSR)

ABSTRACT: This is a presentation of two approximation methods for the computation of transient processes in circuits with linear circuit elements. They are based upon the use of integrals with a variable upper limit and are derived either from the principle of rectangular or of trapezoidal interpolation (Ref 1). Both methods are examined by applying them to a network specified by a third order linear differential equation (1), the boundary conditions of which are variable. The first method gives a more general approach to the problem, whereas the second one is less complicated. In the second method the system of linear integro-differential equations (11) is not reduced to an equation of higher order with one unknown but after one integration the wanted unknowns are immediately determined from the system of algebraic

Card 1/3

## A Computation of Transient Processes in Linear Systems SOV/105-58-10-1/28

equations. It is shown that integration by trapezoidal interpolation practically gives results equal to those obtained by analytical methods. The numerical integration by rectangular interpolation leads to errors. A deficiency of the method presented, and of similar methods (as such by V. Volynkin (Ref 5), method of recurrent formulae (Ref 3), etc.) consists of the circumstance that when starting the computation the interval  $\tau$  is unknown and must be arbitrarily assumed in order to attain a sufficient accuracy.  $\tau$  denotes the distance of the first ordinate  $y_{(1)}$  along the  $x$  axis from the initial value  $y_{(0)}$  of the curve describing the transient process. This method can also be used in the computation of networks with non-linear circuit elements. There are 5 figures, 1 table, and 6 references, which are Soviet.

Card 2/3

A Computation of Transient Processes in Linear **Systems** SOV/105-58-10-1/28

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Institute  
of Power Engineering)

SUBMITTED: March 21, 1958

Card 3/3

IONKIN, P.A., dotsent, kand.tekhn,nauk

Calculating circuits with mutual inductance and the nonlinear  
elements of inertia. Trudy MEI no.27:60-66 '58. (MIRA 13:4)  
(Electric currents)

DAREVSKIY, A.I.; IONKIN, P.A.

Partial capacities (conductivities) of electrode systems and  
separate fluxes in the resulting field. Elektrichestvo  
no.5:80-81 My '60. (MIRA 13:9)  
(Electric charge and distribution)



IONKIN, P.A., prof.; SOKOLOV, A.A., dotsent

An improved method for calculating multiterminal networks using matrices. Elektrichestvo no.12:38-40 D '62. (MIRA 15:12)

1. Moskovskiy energeticheskiy institut.  
(ELECTRIC NETWORKS) (MATRICES)

ZEVEKE, Georgiy Vasil'yevich, prof.; IONKIN, Petr Afanas'yevich, prof.; NETUSHIL, Anatoliy Vladimirovich, prof.; STRAKHOV, Sergey Vladimirovich, prof.; LAVROV, V.M., dots., retsenzent; ZHUKHOVITSKIY, B.Ya., dots., red.; BORUNOV, N.I., tekhn. red.

[Principles of the network theory] Osnovy teorii tsepei. [By] G.V.Zeveke i dr. Izd.2., perer. Moskva, Gosenergoizdat, 1963. 440 p. (MIRA 17:1)

ACCESSION NR: AP4029145

8/0105/64/000/004/0059/0066

AUTHOR: Ionkin, P. A. (Professor); Sokolov, A. A. (Docent)

TITLE: Topological analysis of electric networks

SOURCE: Elektrichestvo, no. 4, 1964, 59-66

TOPIC TAGS: topological analysis, electric circuit, electric network, electric network topological analysis, electronic component network

ABSTRACT: Classical methods of electric-network calculation, based on Kirchhoff's laws and loop currents and node voltages, are cumbersome and time-consuming. Matrix methods often involve long computations. The article sets forth the fundamentals of a better, topological method of network analysis as developed by S. J. Mason (Proc. IRE, 1953, v. 41, no. 9; 1956, v. 44, no. 7; 1957, v. 45, no. 6). These points are discussed: determinant expansion; topological methods of calculating the network determinant; topological law of

Card 1/2

**ACCESSION NR: AP4029145**

transmission for a passive network; same for a network with dependent sources.  
Orig. art. has: 12 figures and 27 formulas.

**ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Power-Engineering  
Institute)**

**SUBMITTED: 30May63**

**DATE ACQ: 01May64**

**ENCL: 00**

**SUB CODE: EC**

**NO REF SOV: 009**

**OTHER: 012**

Cord 2/2

IONKIN, P.A., prof.; SOKOLOV, A.A., dotsent

Principles of the construction and transformation of charts for  
the design of electrical networks. Elektrichestvo no.5:67-73  
My '64. (MIRA 17:6)

1. Moskovskiy energeticheskiy institut.

IONKIN, P.A., doktor tekhn. nauk, prof.

Improvement of the electrical engineering curriculum in electrical  
engineering institutions of higher learning. Elektrichestvo  
no.1:81-83 Ja '64. (MIRA 17:6)

1. Moskovskiy energeticheskiy institut.

IONKIN, P.A., doktor tekhn. nauk, prof.

General equations for calculating electrical circuits using graphs.  
Elektrichestvo no.8:27-31 Ag '64.

(MIRA 17:11)

1. Moskovskiy energeticheskiy institut.

ZEVEKE, Georgiy Vasil'yevich, prof.; IONKIN, Petr Afanas'yevich, prof.; NETUSHIL, Anatoliy Vladimirovich, prof.; STRAKHOV, Sergey Vladimirovich, prof.; ZHUKHOVITSKIY, B.Ya., dots., red.

[Fundamentals of network theory] Osnovy teorii tsepei. [By] G.V.Zeveke i dr. Izd.3., ispr. Moskva, Energiia, 1965.  
444 p. (MIRA 18:5)



IONKIN, P.A., prof. (Moskva); MEL'NIKOV, N.A., prof. (Moskva)

Some remarks on the structure of the course "Theoretical principles  
of electrical engineering." Elektrichestvo no.3:83-84 Mr '65.  
(MIRA 18:6)

DEREVSKIY, Aleksandr Iosifovich; KUKHARKIN, Yevgeniy Stepanovich;  
Prinimal uchastiye IONKIN, P.A., prof.; BURLAK, M.F., red.

[Theoretical principles of electrical engineering] Teoreticheskie osnovy elektrotehniki. Moskva, Vysshaya shkola.  
Pt.2. 1965. 282 p. (MIRA 18:10)

IONKIN, Petr Afanas'yevich; KURDYUKOV, Nikolay Nikolayevich;  
KUKHARKIN, Yevgeniy Stepanovich; KARAYEV, R.I., prof.,  
retsenzent; BEREZINA, Ye.P., red.

[Standard examples and problems on the theoretical principles of electrical engineering] Tipovye primery i zadachi po teoreticheskim osnovam elektrotehniki. Moskva, Vysshaya shkola, 1965. 319 p. (MIRA 18:7)

IGNIKIN, Petr Afanas'yevich, prof.; MELNIKOY, Nikolay  
Aleksandrovich, prof.; DAREVSKIY, Aleksandr Leonovich,  
docs.; KUKHARKIN, Yevgeny Stepanovich, docs.;  
KHRUSTALEVA, N.I., red.

[Theoretical principles of electrical engineering] Teore-  
ticheskie osnovy elektrotekhniki. Moskva, Vysshaya shkola,  
Pt.1. 1965. 313 p. (MIRA 18.11)

IONOV, I.P.; IONKIN, P.A., red.

[Principles of the calculation and design of magnetic  
semiconductor elements] Osnovy rascheta i proektirovaniia  
magnitno-poluprovodnikovyykh elementov. Moskva, Mosk.  
energeticheskii in-t, 1965. 276 p. (MIRA 18:12)

IONKIN, P.A., prof. (Moskva); MEL'NIKOV, N.A., prof. (Moskva)

Transformation of networks with mutual inductance.  
Elektrichestvo no.12:2-7 D '65.

(MIRA 18:12)

ICNKIN, V.S.; OVCHINNIKOV, Yu.V.

Semiautomatic device for particle counting. Zav. lab. 30 no.1:  
108-109 '64. (MIRA 17:9)

VISHNEVSKAYA, I.N.; IONKIN, V.S.; OVCHINNIKOV, Yu.V.

Method of partial replication of powdered polymer particles  
in the electron microscope study of the state of their surface.  
Vysokom. soed. 7 no.2:214-215 F '65.

(MIRA 18:3)

1. Institut khloroorganicheskikh produktov i akrilatov.



IONKO, V.I.

Impressions of lower-Sarmatian ascidians. Priroda 46 no.6:97-98  
Je '57. (MLRA 10:7)

1. Odesskiy gosudarstvennyy universitet im. I.I. Mechnikova.  
(Dniester Valley--Ascidians)

YON'KOV, G. B.

USSR/ Physics - Accelerated-ion generator

Card 1/1 Pub. 22 - 14/52

Authors : Baev, B. V.; Vorotnikov, P. Ye.; Gokhberg, B. M.; Sidorov, N. I.;  
Shuf, A. V.; and Yon'kov, G. B.

Title : A high-voltage electrostatic generator in a compressed gas

Periodical : Dok. AN SSSR 101/4, 637-639, Apr 1, 1955

Abstract : A description of a high-voltage electrostatic generator of the Van de Graaf type is presented. The generator is operated at a gas mixture (nitrogen and CO<sub>2</sub>) compressed up to 8 atmospheres, and it supplies 2.8 Mv energy. Due to a good focusing device, a narrow (1 mm) beam of ions with 80 ma a current can be obtained at the out-put of the generator. Two USSR references (1955). Diagram.

Institution : Acad. of So., USSR, S. I. Vavilov Inst. of Physical Problems

Presented by: Academician A. P. Alexandroff, November 17, 1954

CA IONKOV, Ivan

116

**Heart and carbohydrate metabolism.** Ivan Ionkov and P. T. Petrov. *Annales med. Sept., Facult. med.* 26, 117-20 (1946-47) (German summary). The blood-sugar values of 91 persons with decompensated heart disease (I) and those of persons with decompensated myocarditis were detd. No digitalis was given shortly before or during blood drawing. The results show no definite regularity between degree of decompensation and the blood-sugar level. E. M.

IONKOV, I.; TSOLOV, R.; STANCHEV, A.; DOSKOV, I.; SHISHMANOVA, IU.;  
BALCHEV, A.; PENEVA, M.; SUKIASIAN, Kh.; MATEV, M.; NIKOLOV, St.;  
ATANASOV, B.; TODOBOV, B.; STEFANOVA, A.

Clinical, pathophysiologic, and therapeutic aspects of tuberculous  
exudative pleurisy. Nauch. tr. Med. akad. Chervenkov, Sofia 1 no.1:  
117-137 1953.

1. Predstavena ot prof. Iv. Ionkov, zaveshdashch Katedrata po  
propedevtika na vutreshnite bolesti.  
(TUBERCULOSIS, PULMONARY, complications,  
pleurisy, exudative)

IONKOV, Iv., prof.; STANCHEV, Al.; ATANASOV, Em.

Problem of kala-azar in Bulgaria. Suvrem. med., Sofia 5 no.3:96-103  
1954.

1. Iz Propedevtichnata vutreshna klinika pri Meditsinskata akademija  
V.Chervenkov, Sofia (direktor: prof. Iv.Ionkov)  
(LEISHMANIASIS,  
visceral, in Bulgaria)

IONKOV, I.

"Blood Pressure of Bulgarian Medical Students." p. 2,  
(ZDRAVEN FRONT, No. 49, Dec. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

*YOMKOV* *iv.*

BULGARIA/Microbiology - Microorganisms Pathogenic to Humans  
and Animals.

F-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9948

Author : Grigorova, Zheleva, Yomtov

Inst : -

Title : Reactions with Hapten as a Method of Laboratory Diagnosis  
of Dysentery.

Orig Pub : Tr. Respubl. n.-i. in-t epidemiol. i mikrobiol., 1955,  
2, 59-65

Abstract : No abstract.

Card 1/1

*Yomkov.*

*Yomkov*  
BULGARIA/Microbiology - General Microbiology.

F-1

Abstr Jour : Ref Zhur - Biol., No 5, 1958, 19348

Author : Trifonova, Yomkov, Koen

Inst : -

Title : Variability of Dysentery Bacteria Under the Influence of Polyvalent Phage.

Orig Pub : Tr. Respubl. n.-i. in-t epidemiol. i mikrobiol., 1956, 3, 41-47

Abstract : No abstract.

Card 1/1



MATEV, M., st. asistent; IONKOV, Iv., prof.

Case of Meigs-Milroy trophedema. Suvrem. med., Sofia 8 no.4:78-80  
1957.

1. Iz Katedrata po propedevtika na vutreshnite bolesti pri VMI - Sofia  
(Zav. katedrata: prof. Iv. Ionkov).  
(LYMPHEDEMA, case reports,  
Milroy's dis. (Bul))

IONKOV, Iv., Prof.; METEV, M. - St. asistent

Certain aspects of the course of cholelithiasis, cholecystitis, and cholangitis. Suvrem. med., Sofia 8 no.4:61-66 1957.

1. Iz Propedevtichnata vutreshna klinika pri VMI - Sofia (Direktor: prof. Iv. Ionkov).

(BILIARY TRACT, diseases,  
clin. aspects (Bul))

IONKOV, I.; TSOLOV, R.; MATEV, M.

Cholelithiasis at the Internal Propedeutic Clinic in Sofia. Suvrem. med.  
Sofia 8 no.6:67-69 1957.

1. Iz Propedeutichnata vutreshna klinika na VMI; Sofia (Direktor:  
prof. I. Ionkov).

(CHOLELITHIASIS, statistics,  
hosp. statist. (Bul))

IONKOV, I.; NIKOLOVA, L.; NIKOLOV, S.; TODOROV, N.

Ozokerite application in the treatment of peptic ulcer. *Suvrem. med.*,  
Sofia 8 no.6:74-80 1957.

1. Iz Klinikata po propedevtika na vutreshnite bolesti pri VMI: Sofia  
(Zavezhdashch: L. Nikolova).  
(PEPTIC ULCER, therapy,  
ozokerite (Bul))  
(WAXES, therapeutic use,  
ozokerite in peptic ulcer (Bul))

IONKOV, Iv., Prof.; MATEV, M.; TOMKOV, As.; GRIGOROVA, M.

Use of antistreptolysin test & of Waaler-Rose-Heller hemagglutination test in rheumatism and other joint diseases. Suvrem. med., Sofia 8 no.12: 38-44 1957.

1. Iz Propedevtichnata vutreshna klinika pri VMI--Sofia (Direktor: prof. Iv. Ionkov). i Nauchnoissledovatel'skii institut po epidemiologia i mikrobiologia (Direktor: Vl. Kalaidzhiev).

(STREPTOLYSIN, antagonists

antistreptolysin test in diag. of rheum. & joint dis. (Bul))

(HEMAGGLUTINATION,

Waaler-Rose-Heller test in diag. of rheum. & joint dis. (Bul))

(RHEUMATISM, diag.

antistreptolysin & Waaler-Rose-Heller hemagglutination tests (Bul))

(JOINTS, dis.

antistreptolysin & Waaler-Rose-Heller hemagglutination tests (Bul))

COUNTRY : USSR F  
CATEGORY :  
ABST. SOUR. : *Meditsina*, No. 3 1959, No. 10191  
AUTHOR : Yonkov, Iv., Matev, M., Toshkov, As., Grigorova, M.  
INST. : ~~XXXXXXXXXX~~  
TITLE : The Use of Antistreptolysin and Hemagglutination Reactions in Rheumatic Fever and Other Diseases of the Joints  
ORIG. PUB. : *Klinich. meditsina*, 1958, 36, No 5, 88-93  
ABSTRACT : Investigations were made of the antistreptolysin (A) and hemagglutination reaction (HR) of the sera of 28 patients with articular rheumatic fever, 29 with chronic rheumatic fever, 12 with infectious arthritis, 2 with Bechterew's disease and 8 with spondylarthrosis deformans. In the majority of patients with acute articular rheumatic fever the concentration of A was increased, but the HR was negative. In the patients with chronic rheumatic fever the HR was always positive in titers of 64-2048, and the reaction for A

1. Iz kafedry propedevtiki vnutrennikh bolezney (dir. - prof. Iv. Yonkov)  
Vysshogo meditsinskogo instituta, Sofiya, i Nauchno-issledovatel'skogo  
instituta epidemiologii i mikrobiologii (dir. - doktor Vl. Kalydshiyev).

COUNTRY :  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No. 10191

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : was negative in more than half of the patients. In patients with infectious arthritis a high titer of A was found; the HR was positive in one-half of these patients. In Bechterew's disease and spondylarthritis both reactions were negative, as they were also in various internal diseases. The concentration of A was increased in patients with sore throat and scarlet fever. A positive HR in the pleuritides is evidence, in the authors' opinion, of their rheumatic origin, and

Card: 2/3

49

COUNTRY :  
CATEGORY :

F

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005 710

ABS. JOUR. : RZhBiol., No. 1959, No. 10191

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : when it is positive in other diseases it is evidence that the person has had rheumatic polyarthritis in the past.

Card: 3/3

IONKOV, Iv.; STANCHEV, Al.; DOSKOV, Iv.; SHISHMANOVA, Iul.; ATANASOV, E.;  
MATEV, M.; PANEVA, M.; NIKOLOV, St.; PETRUNOV, St.; NIKOLOV, N.

The development of Bulgarian internal medicine from 9 September  
1944. *Suvrem med.*, Sofia no.6:106-114 '60.  
(HISTORY OF MEDICINE)



IONKOV, Iv.; DOKOV, G.

On certain changes in the clinical picture of rheumatism. *Suvrem med.*  
Sofia no.10:79-87 '60.

1. Iz Katedrata po propedeutika na vutreshnite bolesti pri VMI,  
Sofia (Rukov. na katedrata prof. Iv.Ionkov)  
(RHEUMATISM)

IONKOV, Iv.; DOSKOV, Iv.

Modern views on the pathogenesis of cardiac edemas. Suvrem med.  
Sofia no.10:122-126 '60.  
(HEART FAILURE CONGESTIVE etiol)

IONKOV, Iv.; TOSHKOV, As.; MATEV, A.; GRIGOROVA, M.

Immunobiological studies on acute rheumatic polyarthritis and other joint diseases. Nauch. tr. vissh. med. inst. Sofia 40 no.1:1-14 '61.

1. ~~Prezentavna~~ ot prof. Iv. Ionkov, rukovod. na katedrata po propedev-tika na vutreshnite bolesti.

(RHEUMATIC FEVER diag)  
(ARTHRITIS RHEUMATOID diag)

IONKOV, Iv.; ANDREEV, Ig.; STEFANOVA, Ant.; VULKOVA-GANEVA, N.; NIKOLOV, N.

Dietotherapy in rheumatism. Nauch. tr. vissh. med. inst. Sofia 40 no.3:  
37-49 '61.

1. Predstavena ot prof. Iv. Ionkov, Ruk. na Katedrata po propedeutika  
na vutreshnite bolesti.

(RHEUMATISM nutrition & diets)

IONKOV, Iv.; NIKOLAEV, A.; BOZADZHIEVA, E.; SHISHMANOVA, IV.

A case of gargoylism. Nauch. tr. vissh. med. inst. Sofia 40 no.3:  
227-240 '61.

1. Predstavena ot prof. Iv. Ionkov, rukovoditel na Katedrata po pro-  
pedevtika na vutreshnite bolesti, i ot prof. A. Nikolaev, rukovoditel na  
Katedrata po rentgenologija.

(LIPOCHONDRODYSTROPHY case reports)

IONKOV, Iv.; TSOLOV, R.; DOSKOV, I.; SHISHMANOVA, IUL.; ANDREEV, I.;  
NIKOLOV, St.; SUKIASIAN, Kh.; MATEV, M.; ATANASOV, E.;  
TODOROV, B.; STEFANOVA, A.; PETRUNOV, St.; TSVETKOV, D.;  
ORESHKOV, V.; SIMEONOV, S.; PATARINSKI, D.; AVRAMOVA, N.;  
MALCHEV, Kh.

Biochemical changes in patients with influenza during the  
1959 epidemic. Nauch. tr. vissh. med. inst. Sofia 41 no.7:  
9-14 '62.

1. Predstavena ot prof. I. Ionkov.

(INFLUENZA) (GAMMA GLOBULIN) (IRON METABOLISM)  
(BILIRUBIN) (BICARBONATES) (BLOOD CHOLESTEROL)  
(UREA) (BLOOD SUGAR) (PROTEIN METABOLISM)  
(POTASSIUM) (BLOOD PROTEINS) (SODIUM)  
(17-KETOSTEROIDS) (SODIUM CHLORIDE)

I

IONKOV, Iv., prof.; NIKOLOV, St.

Pneumosclerosis. Suvr. med. (Sofia) 16 no.1:3-12 '65.

1. VMI, Sofia, Katedra po propedertika na vutr. bolesti,  
(rukovoditel: prof. Iv. Ionkov).

IONKOV, S.

MITOV, A.; IVANOV, N.; SAVOV, S.; TEODOSIEV, I.; KHRISTOV, G.; IONKOV, S.;  
ASSA, N.; KAITAZOV, G.; DRAGIEV, M.; KRUSEVA, Iu.

Results of investigation in benign leptospirosis in southern Bulgaria.  
Izv. mikrob. inst., Sofia Vol. 3:57-82 1952.

1. Izvrsheni v Propedevtichnata vutreshna klinika, v sutrudnichestvo  
s Patologo-anatomichnina i Mikrobiologichnina instituti pri Meditsin-  
skata Akademiia I.P.Pavlov, Plovdiv.

(LEPTOSPIROSIS, statistics,  
Bulgaria)



IONKOV, S.

IONKOV, S. At the Radio Club of Plevna. p.13.

Vol. 4, no. 10, 1955

RADIO

TECHNOLOGY

Sofiya, Bulgaria

So: East European Accessions, Vol. 5, no. 5, May 1956

GIUROV, M.; IONKOV, St.

Problem of isolated forms of malignant lymphogramulomatosis.  
Suvrem. med., Sofia 7 no.1:101-105 1956.

1. Iz katedrata po vutreshna propedevtika pri vnt. I P  
Pavlov--Plovdiv. (Zav. katedrata: dots. A. Mitov).  
(HODGKIN'S DISEASE, case reports,  
isolated forms. (Bul))

IONKOV, St.

Complex therapy of urethral stricture by dilatation and iodine iontophoresis. Khirurgia, Sofia 10 no.11:1024-1027 1957.

1. Vissh meditsinski institut I. P. Pavlov - dlovdiv katedra po vutreshni bolesti. Zav. katedrata: prof. M. Rashev.

(URETHRA, stenosis,

dilat. & iodine iontophoresis (Bul))

(IODINE, therapeutic use,

urethral stricture, iontophoresis with dilat. (Bul))

DONEV, N.; IONKOV, St.

Gastric iontophoretic effect of histamine. Suvrem.med., Sofia 2  
no.1:25-29 '60.

1. Iz Fizioterapevtichnogo otdelenie pri VMI "I.P.Pavlov" -  
Plovdiv.

(HISTAMINE pharmacol.)  
(STOMACH pharmacol.)  
(IONTOPHORESIS)

IONKOV, V.

Cooperation as a factor for the successes of the Automobile Assembly Plant at Iskar  
Railroad Station. p. 59.  
(Tezhka Promishlenost, Vol. 5, no. 12, 1956; Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

IONNISIAN, L., inzh.

Problems in the comprehensive development of forestry and  
utilization of forest products. Prom.Arm. 5 no.4:15-18 Ap '62.  
(MIRA 15:5)

(Armenia--Forests and forestry)

L 00728-67 EWI(m)  
ACC NR: AP6019035

SOURCE CODE: UR/0173/65/018/006/0050/0056

AUTHOR: Ionnisyan, S. G.

ORG: none

TITLE: Light concrete with natural fillers in prestressed curved constructions with bar reinforcement

SOURCE: AN ArmSSR. Izvestiya. Seriya tekhnicheskikh nauk, v. 18, no. 6, 1965, 50-56

TOPIC TAGS: concrete, prestressed concrete, reinforced concrete, material deformation

ABSTRACT: This article is a description of a study of complex problems concerning design for and use of prestressed curved elements of high-strength light concretes with natural fillers and high-strength bar reinforcement. Concretes with a lithoidopumice filler of the Lusavanskiy region and a perlite filler of the Aragatskiy region, Armenian SSR, were used in the study. Type 500 Portland cement of the Ararat plant was used as the binding agent. The tests were conducted on beams having a rectangular cross section 12 x 18 cm and 260 cm long, reinforced with two types of bars: 2  $\phi$  12 AIV St. 25G2S and 2  $\phi$  6.5AIII St. 25G2S. A total of nine different concrete mixes was tested; the mix component percentages of each mix are given. Tests were performed to measure the bonding anchorage strength as it varies with deflection, and comparative plots are shown for several test mixes. Sixty-day deformation tests were performed for several mixes for the purpose of relating the variation of the

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L 00728-66

ACC NR: AP6019035

creep and slump deformation with time. A summary table is given showing the test results, including the characteristics of reinforcement tightening, shrinkage stress in the concrete at the lower level of reinforcement, creep and slump deformation, test duration, and temperature-humidity data from the test period. This work was done under the guidance of Professor A. A. Gvozdev. Orig. art. has: 2 tables and 2 figures.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002

Card 2/2 LC



IONNISYAN, S.G.

"Tables for designing rectangular slabs" by P.M.Varvak  
and others. Reviewed by S.G.Ionnisian. Izv.AN Arm.SSR.Ser.  
tekh.nauk 12 no.6:70 '59. (MIRA 13:6)  
(Concrete slabs) (Varvak, P.M.)

IONOSOV, V. L.

USSR

"Analysis of Complex Regulating Systems."  
Thesis for degree of Dr. Technical Sci.  
Sub 27 Apr. 50. Inst of Automatics and  
Telemechanics, Acad Sci USSR

Summary, 71, 4 Sep 52, Dissertations Presented  
for Degrees in Science and Engineering in Moscow  
in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

IONOSOVA, K.I.; FEOFILOVA, A.P.

Connection between coal types and general conditions of sedimentation  
in the Donets Basin. Izv. AN SSSR. Ser.geol. 27 no.7:45-58  
Jl '62. (MIRA 15:6)

1. Geologicheskij institut AN SSSR, Moskva.  
(Donets Basin—Coal geology)

*Ионов А*

IONOV, A.

Class struggles of the Piter metalworkers. Sov. profsoiuzy 5 no.9:  
59-61 S '57. (MLRA 10:9)

1. Chlen Kommunisticheskoy partii Sovetskogo Soyusa s 1910 goda.  
(Leningrad--Metalworkers)

*IONOV, A.*

IONOV, A., inzh.

Shears for cutting asbestos cement sheets. Stroitel' no.11:9  
N '57. (MIRA 1952)

(Asbestos cement)

S/066/60/000/006/008/009  
A053/A029

AUTHORS: Bykov, V., Ionov, A.

TITLE: Electronic Level Signaling Device ЭСУ-1 (ESU-I) in Refrigerators on Board Ship

PERIODICAL: Kholodil'naya tekhnika, 1960, No. 6, pp. 52-53

TEXT: The ESU-1 electronic level signaling device is used for keeping the filling-up of apparatus under control. Its performance is based on the change of electric capacity depending upon the level of the medium to be measured. The ESU-1 devices have been installed for the first time in freezers on board ship of large trawlers. In the evaporators, intermediate reservoirs and batteries of direct evaporation where vigorous boiling of ammonia causes drops of saturated vapors and particles of liquid to hit the electrodes, it happens that these emit false signals. As a remedy the authors have developed a protective device as shown on diagrams 1, 2 and 3 which consists of a guard covering the electrode. It is equipped with a tube connecting at one end with the vapor space and at the other end with the liquid medium. In order to increase the dependability of the control, ✓

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S/066/60/000/006/008/009 ✓  
A053/A029

Electronic Level Signaling Device 3CY-I (ESU-I) in Refrigerators on Board Ship

on each of the four liquid separators two electronic level signaling devices are installed, viz., an upper and a lower device. The latter prevents liquid ammonia from getting into the liquid separator by closing a solenoid valve on the liquid ammonia supply line leading to the air coolers. As soon as the compressor has drawn off the ammonia excess and the level becomes normal, the solenoid valve opens and liquid ammonia enters the air cooler. The upper device cuts out the compressor as soon as liquid ammonia touches its electrode. There are 3 diagrams.

Card 2/4

S/066/60/000/006/008/009  
A053/A029

Electronic Level Signaling Device KY-I (ESU-I) in Refrigerators on Board Ship

Figure 1  
On [unclear] from I stage

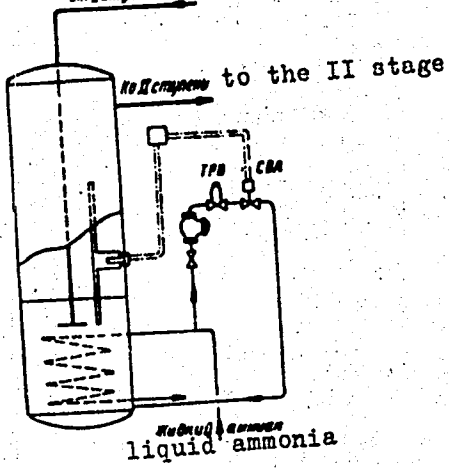


Figure 1:  
Installation of an ESU-1 device with protection on an intermediate reservoir

Card 3/4



S/066/60/000/006/008/009  
A053/A029

Electronic Level Signaling Device  $\gamma$ Y-I (ESU-I) in Refrigerators on Board Ship

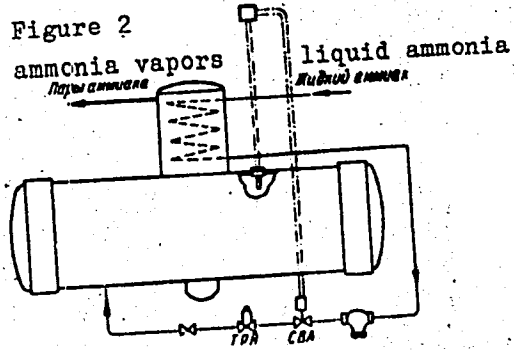


Figure 2: Installation of ESU-1 on an evaporator

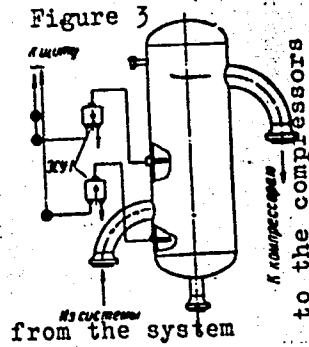


Figure 3: Installation of ESU-1 on a liquid separator

Card 4/4

L 00905-67

ACG NR: AP6018958

(N)

SOURCE CODE: UR/0066/66/000/006/0021/0023

AUTHOR: Ionov, A. G.

27  
B

ORG: Kaliningrad Base of the Maritime Fishing Fleet (Kaliningradskaya baza okeanicheskogo rybolovnogo flota)

TITLE: Cooling unit on the "Priboy" and "Krymskiye gory" refrigerated cargo vessels

SOURCE: Kholodil'naya tekhnika, no. 6, 1966, 21-23

TOPIC TAGS: marine equipment, refrigerating system, ammonia, food preservation

ABSTRACT: The author describes the ammonia refrigeration equipment with brine cooling system used in the cargo holds of the "Priboy" and "Krymskiye gory" refrigerator ships. In addition to cooling the 12,500 m<sup>3</sup> of storage space, the refrigeration equipment is also used for air-conditioning purposes. The refrigeration unit consists of 4 SMC4-180 ammonia V-compressors with a cold-producing capacity of 250,000 kcal/hr each at a boiling temperature of -16°C and a condensation temperature of 34°C and 3 S-64 screw compressors with a cold-producing capacity of 185,000 kcal/hr each at a boiling temperature of -44°C. Three of the piston compressors act as the high-pressure stage of a two-stage cooling installation for the cargo holds, while the fourth is the air-conditioning unit and simultaneously a stand-by unit for the other three compressors. The S-64 screw compressors act as the low-pressure stage of the cooling installation. The

2

UDC: 621.56:629.123.44

Card 1/2

L 00905-67

ACC NR: AP6018958

pressure and temperature controls are briefly described as well as the various protectors. The new equipment maintains a temperature as low as  $-30^{\circ}\text{C}$  in the cargo holds. The equipment operated continuously on the first run of the "Priboy" in the northwest and middle Atlantic, maintaining the necessary temperatures in the holds. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: none

hs

Card 2/2

DOBROVOL'SKIY, A.P., kand. tekhn. nauk; IONOV, A.G., inzh.

Reviews. Sudostroenie 30 no.7:72-74 JI '64. (MIRA 18:9)

IONOV, A.G., inzh.

Air conditioning system of the "Tropik" fishing freezer-  
trawler. Khol. tekhn. 40 no.4:34-37 J1-Ag '63. (MIRA 16:8)

1. Upravleniye "Zaprybkholodflot."  
(Fishing boats--Air conditioning)

IGNOV, A.G., inzh.

Air conditioning on the "Kaliningrad" refrigerator ship. Khol.tekh.  
39 no.4:46-47 J1-Ag '62. (MIRA 17:2)

TEMKIN, A.G., kand.tekhn.nauk, dotsent; IONOV, A.G., aspirant

Useful book on refrigerating engineering. Khol.tekh. 40 no.6:  
54-55 N-D '63. (MIRA 17:4)

OSADCHIYEV, Vasily Georgiyevich; IONOV, Anatoliy Mikhaylovich;  
MODIN, N.I., red.; SEDOVA, Z.D., red. 1zd-va; GRECHISHCHEVA,  
V.I., tekhn. red.

[Care of furniture, its transportation, repair and storage]  
Ukhod za mebel'iu, perevozka, remont i khranenie. Pod ob-  
shchei red. V.G.Osadchieva. Moskva, Goslesbumizdat, 1962.  
137 p. (MIRA 15:9)  
(Home economics) (Furniture)



IONOV, A.N., inzh.

Jaw crusher designed by M.I.Gordeev. Mekh.stroi. 14 no.8:16-17  
Ag '57. (MIRA 10:11)

(Crushing machinery)

BABAYEV, V.G., inzh.; IONOV, A.N., inzh.; ZHREBTSOV, G.P., inzh.;  
AFANAS'YEV, B.P., inzh., red.

[Using reinforced concrete sink pits on construction sites of metallurgical plants] Primenenie zhelezobetonnykh opusknykh kolodtsev na stroikakh metallurgicheskoi promyshlennosti; iz opyta trestov kombinata "Krivbasstroi" Dnepropetrovskogo sovmarkhosa i tresta "Tulmetallurguglestroi" Tul'skogo sovmarkhosa. Moskva, 1959. 31 p. (MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Nachal'nik tekhnicheskogo otdela i glavnyy tekhnolog kombinata "Krivbasstroi" (for Babayev).
3. Nachal'nik otdela Orgstroya Nauchnoissledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi (for Ionov).
4. Glavnyy inzhener SU-1 tresta "Tulmetallurguglestroi" (for Zherebtsov).

(Ore dressing--Equipment and supplies)

KAPLUNOV, D.R., kand. tekhn. nauk; IONOV, A.N., gornyy inzh.

Relation between the structural features of the massif and the results of crushing by blasting. Varyv. delo no.53/10:17-23 '63.  
(MIRA 16:8)

1. Institut gornogo dela im. A.A. Skochinskogo.  
(Joints (Geology)                      (Blasting))

IONOV, A.N., inzh.

Mechanization of the installation and machines for finishing  
apartment houses. Mekh. stroi. 20 no.10:9-10 0 '63.

(MIRA 16:10)