

IVANOV, A.V.
IVANOV, A.V.

Finite Laplace transformation and operational calculus of some
variables. Trudy MTIPP no.8:21-36 '57. (MIRA 10:12)
(Laplace transformation) (Calculus, Operational)

100,000 kch. Gost. izd. 1957

IVANOV, Aleksandr Vasil'yevich -- awarded sci degree of Doc Tech Sci for 18 Jun 57 defense of dissertation: "Analytical Study of Diathermancy [teploprovodnost'] in Solids by Means of an Operational Computation of Certain Fluctuations [peremennyykh]" at the ~~USSR~~ United Council of Institutes of the Div of Physico-Math and Tech Sciences, AS, BSSR; Prot No 6, 15 Mar 58.

(BMVO, 7-58,21)

IVANOV, A.V.

5(4)

p.2

PHASE I BOOK EXPLOITATION

SOV/1435

Akademiya nauk SSSR. Energeticheskiy institut

Tempo- i massobmen v protsessakh ispareniya (Heat- and Mass-Transfer in Evaporation Processes) Moscow, Izd-vo AN SSSR, 1958. 254 p. 5,000 copies printed.

Resp. Ed.: Lykov, A.V., Academician, BSSR Academy of Sciences; Eds. of Publishing House: Tal', A.A. and Smirnov, V.A.

PURPOSE: This book is intended for scientists and engineers in heat engineering and chemical technology and for students and teachers of higher educational institutions in these fields.

COVERAGE: This collection contains articles relating to analytical and experimental investigations of heat - and mass-transfer under conditions of phase and chemical transformations. A new method of solving unsteady-state heat-flow problems is presented. Methods of determining heat - and mass-transfer coefficients during the heating and drying of a composite substance are given. New experimental principles of surface heat- and mass-transfer in vaporization processes are explained and new

Card 1/5

Heat- and Mass-Transfer (Cont.)

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relationships in the theory of molecular energy transfer are ascertained through the thermodynamics of irreversible processes.

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Heat- and Mass-Transfer (Cont.)

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Heat - and Mass-Transfer (Cont.)

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Transfer

251

AVAILABLE: Library of Congress

Card 5/5

TM/gmp
5-6-59

IVANOV, A.V.

Operational solution for problems in heat conductivity for
homogeneous laminar media. Inzh.-fiz.shur. no.2:13-21
F '58. (MIRA 13:1)

1. Institut energetiki AN BSSR, Minsk.
(Heat--Conduction) (Calculus, Operational)

MURASHKO, M.G.; IVANOV, A.V.

Problem of the freezing of ground in a wide range of freezing
temperatures. Trudy Inst. energ. AN BSSR no.6:159-165 '58.
(MIRA 13:2)

(Frozen ground)

65947

SOV/58-59-4-7907

24.5200

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 4, p 84 (USSR)

AUTHOR: Ivanov, A.V.

TITLE: Application of Laplace Transform to the Solution of Problems in Heat Conductivity η

PERIODICAL: Tr. In-ta energ. AS BSSR, 1958, Nr 7, pp 3 - 44

ABSTRACT: The author examines the general mode of solving one-dimensional inhomogeneous problems in heat conductivity in the case of inhomogeneous boundary conditions of the third kind. The solution is sought for in the form of a sum of some (two or three) functions that satisfy a homogeneous and inhomogeneous equation, respectively; these functions also satisfy various boundary and initial conditions. The author goes into particular detail in the case of a problem involving boundary conditions of the first kind. Each of the functions into which the general solution is broken up, is found with the aid of a Laplace transform. The author derives a series of transformations of the obtained solutions, which allow

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SOV/58-59-4-7907

Application of Laplace Transform to the Solution of Problems in Heat Conductivity

them to be presented in various forms: as an eigenfunction series, as integrals containing theta functions, and as an integral series. He investigates, in particular, the transition to semi-limited and unlimited rods, as well as some other particular cases.

B.Z. Katsenelenbaum



Card 2/2

YERMAKOV, V.S.; IVANOV, A.V.

Investigating the nonstationary heat transfer in heat-producing
elements of nuclear reactors [with summary in English]. Inzh.-
fiz.zhur. no.12:96-112 '58. (MIRA 11:12)
(Nuclear reactors)
(Heat--Radiation and transmission)

IVANOV, A. V.

Application of finite integral conversions to the solution of
problems of heat conductivity. Trudy Inst. energ. AN BSSR no.9:3-32
'59. (MIRA 13:10)

(Heat--Conduction)

ALEKSEYEVA, O.P.; IVANOV, A.Y.

Method of applying Dirac functions to the solution of problems on
heat conductivity and diffusion. Trudy Inst. energ. AN BSSR no.9:33-
76 '59. (MIRA 13:10)

(Heat--Conduction) (Duffusion)

IYANOV, A.V.; SHIMKO, N.G.

Problem on heat conductivity for a lamellarly homogenous medium.
Trudy Inst. energ. AN BSSR no.9:77-91 '59. (MIRA 13:10)
(Heat---Conduction)

67817

SOV/143-60-1-17/21

24,5200
~~24(8)~~

AUTHORS: Alekseyeva, O.P., Ivanov, A.V., Doctor of Technical Sciences

TITLE: The Heat ^γConductivity Problem for Any Two-Layered Rod with Incomplete Interlayer Contact

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Energetika, 1960, Nr 1, pp 122-128 (USSR)

ABSTRACT: The ³article gives an operational solution to the general problem of thermal conductivity with the aid of Green's function. The following differential equations for thermal conductivity had to be solved:

$$\frac{du_1}{dt} = k_1 \frac{d^2 u_1}{dx^2} + f_1(x, t); \quad (-\infty < x \leq 0; t > 0) \quad (1) \quad \checkmark$$

Card 1/3

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SOV/143-60-1-17/21

The Heat Conductivity Problem for Any Two-Layered Rod with Incomplete Interlayer Contact

$$\frac{du_2}{dt} = k_2 \frac{d^2 u_2}{dx^2} + f_2(x,t); (0 \leq x < +\infty; t > 0)$$

(2)

The aim of this article is to popularize the operational method for thermal conductivity problems. Solutions of two auxiliary problems are offered. There are 3 references, of which 2 are Soviet and 1 English.

ASSOCIATION: Belorusskiy gosudarstvennyy universitet imeni V.I. Lenina (Belorussian State University imeni V.I. Lenin) ✓

Card 2/3

67817

SOV/143-60-1-17/21

The Heat Conductivity Problem for Any Two-Layered Rod with Incomplete Interlayer Contact

SUBMITTED: September 10, 1959, by the Kafedra vychislitel'noy matematiki (Chair of Computational Mathematics) ✓

Card 3/3

IVANOV, A.V., inzh.; SHITSMAN, S.Ye.

Quantitative and qualitative accounting of gas at electric power
plants. Elek. sta, 32 no. 5:19-23 My '61. (MIRA 14:50)
(Electric power plants) (Gas, Natural)

L 18540-63

EWT(1)/BDS AFFTC/ASD/AFWL/IJP(C)

ACCESSION NR: AP3006127

S/0207/63/000/004/0083/0087

AUTHORS: Ivanov, A. V.; Skotnikov, M. M. (Moscow)

56
54

TITLE: Radial distribution of radiation parameters in gaseous medium with self-absorption

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 4, 1963, 83-87

TOPIC TAGS: radiation, self-absorption, energy transfer, absorptivity

ABSTRACT: An analytic study was made to determine the radial distribution of radiation parameters in an axially symmetric gaseous medium with self-absorption. The problem consists of solving the energy transfer equation in integral form

$$\frac{J_\nu(y)}{2\sqrt{1-\epsilon_\nu(y)}} = \int_0^R \kappa_\nu(r) B_\nu(r, T) \operatorname{ch} \left[\int_y^r \kappa_\nu(r) \frac{rdr}{\sqrt{r^2-y^2}} \right] \frac{rdr}{\sqrt{r^2-y^2}} \quad (1)$$

where $J_\nu(y)$ radiation intensity emitted along a chord length at a coordinate distance y from origin

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L 18540-63

ACCESSION NR: AP3006127

2

- $B_{\nu}(r,T)$ Planck's radiation function at temperature T and radial distance r
- $\epsilon_{\nu}(y)$ absorptive capacity of gas layer along a chord length
- $\chi_{\nu}(r)$ absorption coefficient
- ν frequency

First, the first order Volterra equation is approximated by N first order, linear algebraic equations, where N is the number of radiation zones into which the gaseous medium is divided, and in each of which constant average values are used for $\chi_{\nu}(r)$ and $B_{\nu}(r,T)$. Numerical computations are carried out for N = 10. Then the gas is assumed optically thin (thickness less than 0.2) and the "ch" term (hyperbolic cosine) in equation (1) is assumed to be equal to unity. The resulting equation is analyzed as Abel's integral. Numerical results are given with absorption coefficient and radiative capacity of the gas varying from 0.2 to 0.9. "The author acknowledges the help and advice of G. I. Petrov and L. N. Dubrovskaya."

Card 2/3

AUTHOR: Ivanov, A. V. (Moscow)

B

2) the value of ϵ_{eff} is smaller than that of a disk; (3) the shock wave thickness is larger than that of the

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S/048/63/027/003/010/025
2117/3234

AUTHOR: Ivanov, A. V.
TITLE: Two energy states of the valency electrons in cadmium sulfide
PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,
v. 27, no. 3, 1963, 359-361

TEXT: To clarify the trend of the curve of the optical absorption coefficients in sulfides, which is disputed in the literature, X-ray spectra of CdS were examined. The L_{23} emission spectrum of S in CdS showed a $3s$ band split into two $3s$ bands, each of which in turn has two maxima corresponding to transitions from the M_1 band to the L_2 and L_3 levels. Apart from this, weak maxima displaced from the first mentioned towards the long-wave edge by about 5 eV were also observed. Furthermore the existence of an indistinct and less intense $3p$ band was established, corresponding to transitions from the M_{23} zone to the L_2 and L_3 levels forbidden by the selection rules. This points to hybridization of all $3p$ electrons in CdS and their transformation to $3sp$ electrons.

Card 1/2

Two energy states of the valency...

S/048/63/027/003/010/025
B117/B234

Experimental results showed that the M_{23} absorption spectrum of the S in CdS must possess two maxima of about 3.0 and 5.3 eV, i.e. this must belong to the optical spectral range. As it is known (K. V. Shalimova, T.S. Travina, L. I. Golik, Dokl. AN SSSR, 135, 90 (1961)) that the curve of optical absorption coefficients shows four maxima, the second and fourth must correspond to two energy states of S, the first and third to two energy states of Cd. This was confirmed experimentally. It was shown that the long-wave bands in the emission spectrum correspond to neutral metalloid atoms and positive metallic ions, the short-wave bands to negative metalloid ions and neutral metallic ions. In absorption spectra these relations are inverted. It was observed that the ions corresponding to the emission and absorption bands of the momentary components of the compound must become more intense as the ionization of the chemical bonds increases. This phenomenon was observed also on a number of sulfides in the transition from MgS to BaS . Finally it is pointed out that some physical properties of compounds having mixed chemical bonds can be explained by taking account of two energy states in their atoms. There is 1 figure.

Card 2/2

IVANOV, A.V.

Heat conduction problem for multilayer media and the squared
Green function. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:5-8
'63. (MIRA 16:10)

KAPITSA, M.L.; GRIGOR'YEV, L.M.; IVANOV, A.V.

Spectral characteristics of the system W - Ba in polarized light.
Fiz. tver. tela 5 no.11:3349-3350 N '63. (MIRA 16:12)

1. Leningradskiy politekhnicheskyy institut imeni Kalinina.

IVANOV, A.V., arkhitektor

Construction of the spinning plant of the Cheboksary Cotton
Works. Prom. stroi. 40 [i.e. 41] no.6:6-9 Je '63.

(MIRA 16:10)

IVANOV, A.V., aspirant

Trends in the reorganization of textile factories. Tekst.
prom. 24 no.2:81-84 F '64. (MIRA 17:3)

1. Moskovskiy arkhitekturnyy institut.

IVANOV, A.V. (Moskva)

Experimental determination of the density distribution in front
of blunt-nosed bodies in a supersonic flow of rarefied gas.

FMTF no.6899-104 N-D '64

(MIRA 18:2)

IVANOV, A.V.

Investigating frequency acceleration transducers having mechanical concentrated parameters. Izv.vys.ucheb.zav.; prib. 8 no.1:151-157
'65. (MIRA 18:3)

1. Leningradskiy institut tochnoy mekhaniki i optiki. Rekomendovana kafedroy priborov vremeni.

IVANOV, A.V., kand. tekhn. nauk

Automatic control of mercury-arc rectifier systems with the
use of contactless elements. Trudy TSNII MFS no.276:100-105
'64. (M R: 17:8)

IVANOV, A.V.

On a certain class of functions. Trudy Mat. inst. 73:159.
171 '64. (MIRA 18:3)

IVANOV, A. V.

"A New Endoparasitic Mollusc Parenteroxenos Dogieli, Nov. Gen., Nov. Sp.,"

Dok. AN, 48, No. 6, 1945. Lab. Zoology Invertebrates; Leningrad State Univ.

IVANOV, A. V.

"Entocolax Rimsky-Korsakovi N.ov. Sp., A New Mollusk Parasitic of Myriostrochus Mitsukuri," Dok. AN, 49, No. 7, 1945. Leningrad State Univ.

IVANOV, A. V.

FA 11T41

USSR/Medicine - Endoparasites
Marine growths

Jan 1947

"The Structure and Development of the Endoparasitic Mollusc Parenteroxenos Dogieli A. Iwanow (Gastropoda, Entoconchidae): I, The Organization of an Adult Animal," A. V. Ivanov, 20 pp

"Izv Ak Nauk Ser Biol" No 1

A new endoparasitic gastropod, collected in 1937 in the vicinity of Vladivostok (Ussuryisk Gulf, Andreyev's Bay), and in 1946 in Rakuma near Maoka on the west coast of South Sakhalin.

11T41

IVANOV, A.V.

Ways used by parasitic gastropoda to penetrate a host body.
Trudy Len.ob-va est. 69 no.4:88-92 '47. (MLRA 9:3)

1. Laboratoriya zoologii bespevnochnykh Leningradskogo gosudarstvennogo universiteta, zaveduyushchiy professor V.A. Degel'.
(Gasteropoda) (Parasites)

IVANOV, A.V.

Degeneration of larval structure of parasitic gastropoda. Trudy
Len.ob-va est. 69 no.4:93-99 '47. (MLRA 9:3)

1. Laboratoriya zoologii besposvonochnykh Leningradskogo gosudar-
stvennogo universiteta, zaveduyushchiy professor V.A. Dogel'.
(Gastropoda) (Parasites)

IVANOV, A.V.

"Metamorphosis of the Parasitic Mollusca Parenteroxenos Dogieli A. Iwanow,"

Dok. AN, 61, No. 4, 1948. Lab. of Zoology of Invertebrates, Leningrad

State U.

IVANOV, A. V.

"Structure and Development of Endoparasitic Gastropodic Mollusk, Parenteroxenos
Dogieli A. Ivanov (Family Entoconchidae). 11. Organization of the Larval
and Postlarval Metamorphosis" Iz. Ak. Nauk SSSR, Ser. Biol. 2, 1949. Lab of the
Zoology of Invertebrates, Leningrad State U.

(Submitted 23 Feb. 1948)

IVANOV, A. V.

"Structure and Development of Endoparasitic Gastropodic Mollusk, *Parenteroxneas*
Dogieli A. Ivanov (Entoconchidae Family). III. Interrelationship between
Genera of Entoconchidae". Iz. Ak Nauk SSSR, Ser. Biol. 2, 1949. Lab of Zoology
of Invertebrates, Leningrad State U.

(Submitted 23 Feb. 1948)

IVANOV, A.V.

Acoela of the southern coast of Sakhalin. Trudy zool. inst. 12:40-132 '52.
(MLRA 6:6)
(Sakhalin--Turbellaria)

IVANOV, A.V.

Structure of *Udonella caligorum* Johnston, 1835, and the place of the Udonellidae in the system of flatworms. Paraz.sbor. 14:112-163 '52.

(MLRA 6:6)

1. Zoologicheskii institut Akademii Nauk SSSR. (Udonellidae) (Worms--
Anatomy)

IVANOV, A. V.

Platyhelminthes

Udonella caligorum Johnson, 1835 is a representative of the new class of platyhelminthes.
Zool.zhur. 31 No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 195~~7~~2 Uncl.

IVANOV, A. V.

MARINE FAUNA

New Pogonophora of the Far East^{seas}. Zool.zhur. 31 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 19~~52~~² Uncl.

IVANOV, A. V.

Gasteropoda

Structure of the ectoparasitic gastropods Stiliiferidae as a result of the nature of their life. Trudy Len. ob-va est. 71, No. 4, 1952.

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

IVANOV, A.V.

Structure of the endoparasitic gastropod *Entocolax rinsky-korsakovi*
A.Ivanov. Trudy Zool.inst. 13:250-276 '53. (MLRA 7:5)
(Gasteropoda) (Parasites--Holothurians)

IVANOV, A.V.

Udonella caligorum Johnston, 1835; a representative of a new class of Platyhelminthes. *Analele biol* 7 no.3:54-57 JI-S '53.

AKUMUSHKIN, I.I.; BARANOVA, Z.I.; BRODSKIY, K.A.; VIRKETIS, M.A.;
VOLODCHENKO, N.I.; GALKIN, Yu.I.; GUR'YANOVA, Ye.F.; DOGHEL'
V.A.; D'YAKONOV, A.M.; ZEVINA, G.B.; IVANOV, A.V.; KIR'YANOVA,
Ye S.; KOPYAKOVA, Z I.; KOLTUN, V.M.; KONZHUKOVA, Ye.D.;
KOROTKEVICH, V.S.; KLYUGE, G.A.; LOZINA-LOZINSKIY, L.K.;
LOMAKINA, N.B.; NAUMOV, D.V.; PERGAMENT, T.S.; RUSHETNYAK,
V.V.; SAVEL'YEVA, T.S.; SKARLATO, O.A.; SOKOLOV, I.I.;
STRELKOV, A.A.; TARASOV, N.I.; USHAKOV, P.V.; SHCHEDRINA, Z.G.
YAKOVLEVA, A.M.; USHAKOV, P.V., obshchiy rukovoditel';
PAVLOVSKIY, Ye.N., akademik, redaktor; STRELKOV, A.A. redaktor;
BRODSKIY, K.A., redaktor; ARONS, R.A., tekhnicheskii redaktor.

[Atlas of invertebrates of the Far East seas of the U.S.S.R.]
Atlas bespozvonochnykh dal'nevostochnykh morei SSSR. Moskva,
Izd-vo Akad.nauk SSSR, 1955. 240 p., 66 plates. (MLRA 8:10)

1. Akademiya nauk SSSR. Zoologicheskii institut,
(Soviet Far East--Invertebrates)

IVANOV, A.V.; PEREDEL'SKAYA, N.M., redaktor; GUBER, A., tekhnicheskii
redaktor

[Marine invertebrates for commercial purposes] Promyslovye besproz-
vonochnye. Moskva, Gos. izd-vo "Sovetskaiia nauka," 1955. 354 p.
(Invertebrates) (MLRA 8:6)

IVANOV, A.V.

IVANOV, A.V., professor

Marine invertebrates and shellfish industry. Priroda 44 no.9:
47-51 S '55. (MLRA 8:11)

(Shellfish)

I IVANOV, A. V.

USSR/Biology - Zoology

Card 1/1 Pub. 22 - 46/50

Authors : Ivanov, A. V.

Title : ~~XXXXXXXXXXXXXXXXXXXX~~
The basic features of a Pogonophora

Periodical : Dok. AN SSSR 100/1, 175-177, Jan. 1, 1955

Abstract : The basic features of worm-like sea animals, Pogonophora, are described. Five references: 1 USSR, 2 German, and 2 USA (1914-1952). Drawings.

Institution : Acad. of Sc., USSR, Zoological Institute and the A. A. Zhdanov State University, Leningrad

Presented by : Academician E. N. Pavlovskiy, April 29, 1954

USSR/Biology - Zoology

Card 1/1 Pub. 22 - 48/52

Authors : Ivanov, A. V.

Title : ~~External-digestion of Pogonophora~~
External-digestion of Pogonophora

Periodical : Dok. AN SSSR, 100/2, 381-383, Jan 11, 1955

Abstract : Data are presented regarding the external digestion of a non-parasitic
water creature Pogonophora. Two USSR references (1952-1954).
Illustrations.

Institution : Academy of Sciences USSR, Zoological Institute and the A. A. Zhdanov
State University, Leningrad

Presented by : Academician E. N. Pavlovskiy, April 29, 1954

IVANOV, A. V.

USSR/ Biology - Zoology

Card 1/1 Pub. 22 - 51/54

Authors : Ivanov, A. V.

Title : ~~Academy of Sciences USSR~~
The Pogonophora class belonging to the special deuterostoma type,
Brachiata A. Ivanov, Phylum Nov.

Periodical : Dok. AN SSSR 100/3, 595-596, Jan 21, 1955

Abstract : The characteristics are described of a new type of Pogonophora which
belongs to the deuterostoma class of Brachiata. Five references:
3 USSR, 1 French and 1 German (1939-1955).

Institution : Academy of Sciences USSR, Zoological Institute and the A. A. Zhdanov
State University, Leningrad

Presented by: Academician E. N. Pavlovskiy, April 29, 1954

IVANOV, A.V.

Pogonophora of the northwestern Pacific. Trudy probl.i tem.sov.
no.6:20-21 '56. (MLRA 9:11)

1. Zoologicheskii institut AN SSSR.
(Pacific Ocean--Pogonophora)

IVANOV, A.V.

On the taxonomy of the Pogonophora [with English summary in insert].
Zool.zhur.35 no.12:1863-1872 D '56. (MIRA 10:1)

1. Zoologicheskii institut Akademii nauk SSSR.
(Pacific Ocean--Pogonophora)

IVANOV, A.V.

BEY-BIYENKO, G.Ya; DANILEVSKIY, A.S.; IVANOV, A.V.; PAVLOVSKIY, Ye.H.;
akademik; SHTAKEL'BERG, A.A.; IVANOV, A.I.; redaktor; KRYZHANOVSKIY,
O.L., redaktor; MONCHADSKIY, A.S., redaktor; STRELKOV, A.A., redaktor;
BORKHSENIUS, N.S., redaktor; PETROVA, P.Ye., tekhnicheskiy redaktor.

[Guide to classes and orders of land Arthropoda] Opredeitel'
klassov i otriadov nazemnykh chlenistonogikh. Moskva, Izd-vo
Akad.nauk SSSR, 1957. 88 p. (V pomoshch' rabotaiushchim po
zoologii v pole i laboratorii, 5] (MIRA 10:6)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy)
(Arthropoda)

IVANOV, A.V.

IVANOV, A.V.

Materials on the embryonic development of Pogonophora [with summary
in English]. Zool.zhur. 36 no.8:1127-1144 Ag '57. (MLRA 10:9)

1. Kafedra zoologii bespozvonochnykh Leningradskogo gosudarstvennogo
univeraitets.

(Pogonophora)

IVANOV, A. V.

"On the Embryonic Development of Pogonophora"

Soviet paper presented at the 15th Intl. Congress of Zoology, London, 16-23 Jul 58

IVANOV, A. V. (Leningrad)

"Pogonophora and their Systematic Position"

Soviet paper presented at the 15th Intl. Congress of Zoology, London, 16-23 Jul 58

IVANOV, Arseniy Vasil'yevich; STRELKOV, Aleksandr Aleksanrovich; POLYANSKIY,
Yuriy Ivanovich; LIOZNER, L.D., red.; SIDOROVA, V.I., red. izd-va;
KUZ'MINA, N.S., tekhn. red.

[Complete laboratory mammal in invertebrate zoology. Pt.1] Bol'shoi
praktikum po zoologii bespozvonochnykh. Pt.1. Izd.2. Moskva, Gos.
izd-vo "Sovetskaiia nauka." 1958. 558 p. (MIRA 11:9)
(Invertebrates)

IVANOV, A.V.

Structure of the genital system in Pogonophora [with summary in English]. Zool. zhur. 37 no.9:1363-1374 S '58. (MIRA 11:10)

1. Kafedra zoologii bespezhvonochnykh Leningradskego gosudarstvennogo universiteta.

(Pogonophora) (Generative organs)

IVANOV, A.V.

Nervous system of Pogonophora [with summary in English]. Zool. zhur.
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(Pogonophora) (Nervous system--Echinodermata)

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red.; POLYANSKIY, Yu.I., prof., red.; STRELKOV, A.A., prof.,
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1. Laboratory of Invertebrate Zoology, State University of
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[Spiders, their structure, way of life and significance
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dlia cheloveka. Leningrad, Izd-vo Leningr. univ., 1965.
304 p. (MIRA 18:5)

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in the middle Pechora Valley. Neftgaz.geol. i geofiz. no.7:6-11
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VERTEFOVA, V.M., kand. med. nauk; IVANOV, A.V.

Radiography of the vena cava in urological diseases. Urologia
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MAKAR'YEV, P.N., red.

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(MIRA 18:1)

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Composite system of precast prestressed spans in the form of an arch
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(MIRA 18:7)

IVANOV, A. YA.

PHASE I BOOK EXPLOITATION

SOV/5958

Shtoda, Andrey Vladimirovich, Docent, Candidate of Technical Sciences,
Stepan Pavlovich Aleshchenko, Aleksandr Yakovlevich Ivanov, Vsevolod
Semenovich Krasavtsev, Fedor Nikolayevich Morozov, Viktor Anatol'yevich
Sekistov, and Aleksandr Georgiyevich Shiukov

Konstruktsiya aviatsionnykh gazoturbinykh dvigateley (Construction of Aircraft
Gas-Turbine Engines) Moscow, Voenizdat M-va obor. SSSR, 1961. 411 p.
Errata slip inserted. No. of copies printed not given.

Ed.: D. A. Novak; Tech. Ed.: R. L. Solomonik.

PURPOSE: This textbook is intended for the engineering, technical, and flying
personnel of the Soviet Air Force, Civil Air Fleet, and All-Union Voluntary
Society for the Promotion of the Army, Aviation, and Navy. It may also be
useful to students at aeronautical schools.

COVERAGE: General information on the construction of Soviet and non-Soviet
aircraft gas-turbine engines is presented. Soviet engines considered are the

Card 1/3

Construction of Aircraft (Cont.)

SOV/5958

RD-10, RD-20, RD-500, RD-45, VK-1, AI-20, AM-3, and AM-5. The book was written as follows: Foreword, by A. V. Shtoda; Chs. I and VII, by A. G. Shiukov and V. S. Krasavtsev; Ch. II, by V. A. Sekistov; Ch. III, by S. P. Aleshchenko; Chs. IV and V, by F. N. Morozov; Ch. VI, by V. S. Krasavtsev; Ch. VIII, by A. V. Shtoda, V. A. Sekistov, and A. G. Shiukov; and Ch. IX, by A. Ya. Ivanov, all Docents and Candidates of Technical Sciences. The authors thank I. T. Denisov for his assistance. There are 44 references: 23 Soviet (including 2 translations), 17 English, 1 French, 1 German, and 2 unidentified.

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1. Axial-flow compressors	27
2. Centrifugal compressors	72
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3. General	83
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IVANOV, A.V.

Use of a Green matrix in solving a mixed problem for a system
of two parabolic differential equations. Vestsi AN BSSR, Ser.
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USSR/ Medicine - Peritonitis, Streptococci
Medicine - Peritonitis, Therapy

Aug 48

"Diffusive Septic Hematogenous Peritonitis of Streptococcal Origin," Prof A. P. Nadein, A. Ya. Ivanov, Chair of Operative Surg and Topographic Anat, State Ord of Lenin Inst for Advancement of Doctors imeni Kirov, 2 3/4 pp

"Klin Med" Vol XXVI, No 8.

Problems of etiology, diagnostics and treatment of septic hematogenic peritonitis have not yet been solved. This is partly due to its comparative rarity. Presents results of study of 85 cases.

PA 31/49T3

Сборник трудов Спе. Вои. Хирургии № 5
ИВАНОВ А. Я.

5916. IVANOV A. Ya. Sanit. Hygien. Med. Inst., Leningrad. "The diagnosis and clinical features of acute suppurative mediastinitis (Russian text) KHIRURGIJA 1956, 32/12 (19-24)

This is a contribution on the basis of 46 clinical and of 22 patho-anatomical observations and on the ground of the analysis of 154 case histories. Besides its division into primary and secondary mediastinitis, differentiation must be made between acute lymphadenitis of the mediastinum, abscesses, phlegmons, and anterior and posterior mediastinitis. It is suggested that the symptoms of acute mediastinitis be systematized as follows: (1) general, (2) those which depend on the pressure of the organs, the nerves and the vessel of the mediastinum, (3) discoverable by physical examination, (4) discoverable by X-ray examination and (5) discoverable by instrumental, laboratory and special methods. Diagnostic punctures of the mediastinum are of little use in diffuse mediastinitis and are not without danger in mediastinal abscesses in the zone of tracheobronchial lymphatic nodes. In most cases acute suppurative mediastinitis develops secondarily as a complication of various suppurative processes, being disguised by the symptoms of the primary disease. Its diffuse forms with a severe clinical course occur most frequently. Suppurative lymphadenitis of the lymph nodes of the mediastinum occur as an independent form of the disease. Active surgical interference with the suppurative focus in combination with the application of antibiotics and with symptomatic therapy is the only effective method in the treatment of such patients. Cervical mediastinotomy according to V. I. Razumovskii is helpful. Special attention should be paid to the state of the cardio-vascular system.
Soloveva - Moscow

IVANOV, A.Ya., doktor med.nauk

Reorganization of instruction in the medical, biological, and
clinical disciplines. Trudy LSGMI 36:16-20 '56. (MIRA 14:1)

1. Zamestitel' direktora Leningradskogo sanitarno-gigiyenicheskogo
meditsinskogo instituta po uchebnoy chasti.
(LENINGRAD—PUBLIC HEALTH—STUDY AND TEACHING)

IVANOV, A.Ya., doktor med.nauk

Field training for students of the sixth course at epidemiological
stations. Trudy LSGMI 36:156-166 '56. (MIRA 14:1)
(PUBLIC HEALTH—STUDY AND TEACHING)

IVANOV, A.Ya., doktor meditsinskikh nauk

Suppurative processes in the mediastinum [with summary in English,
p.159] Vest.khir. 77 no.11:88-95 N.'56. (MLBA 10:1)

1. Iz kliniki obshchey khirurgii (sav. - prof. I.M.Tal'man) Leningrad-
skogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(MEDIASTINUM, dis.
suppurative processes, surg.)

IVANOV, A.Ya., doktor meditsinskikh nauk

Teaching medicine, biology and clinical practice in sanitation
faculties. Vrach.delo no.2:181-183 F '57. (MLRA 10:6)

1. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut.
(SANITATION--STUDY AND TEACHING)

IVANOV, A.Ya. (Leningrad, 9, Lennoy pr., 3, kv. 13)

Connective tissue formations in the mediastinum [with summary in English]. Arkh.anat.gist. i embr. 34 no.3:43-45 My-Je '57.

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(MEDIASTINUM, anat. & histol.
connective tissue form. (Rus))

(CORRECTIVE TISSUES
form. in mediastinum (Rus))

IVANOV, A.Ya.; VISHEVNIK, I.Z.

Surgical complications in acute pneumonias. Trudy LSGMI
39:195-202 '58. (MIRA 12:8)

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(PNEUMONIA, compl.
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Surgery of the thoracic portion of the esophagus. Trudy
LSGMI 39:203-205 '58. (MIRA 12:8)

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meditsinskogo instituta (zav. kafedroy - prof.S.I.Shchelkunov).
(ESOPHAGUS, surgery,
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IVANOV, A.Ya.

Parapneumonia inflammatory foci in the mediastinum in cases of various
types of pneumonia. Trudy ISGMI 41:199-203 '58 (MIRA 11:11)

(PNEUMONIA, compl.

mediastinitis, pathol. (Rus))

(MEDIASTINITIES, etiol. & pathogen.

pneumonia, pathol. (Rus))