BOGDANOV, Daniil Vasil'yevich; STEPANOV, V.N., doktor geogr. nauk, retsenzent; DERYABINA, E.A., retsenzent; KIKOIN, Ye.K., metodist, retsenzent; VASIL'YEVA, O.S., red.

[Stories about the world ocean; a reader. Textbook for teachers] Rasskazy o mirovom okeane; khrestomatiia. Posobie dlia uchitelia. Moskva, Uchpedgiz, 1963. 159 p. (MIRA 17:7)

1. Zaveduyushchiy kabinetom geografii Voronezhskogo instituta usovershenstvovaniye uchiteley (for Deryabina). 2. Geograficheskiy fakul'tet Odesskogo Gosudarstvennogo universiteta (for Kikoin).

ACC NR: AR6035267 SOURCE CODE: UR/0169/66/000/009/V017/V018

AUTHOR: Bogdanov, D. V.

TITLE: Oceanographic studies in the tropical part of the Atlantic Ocean in connection with developments in the fishing industry

SOURCE: Ref. zh. Geofizika, Abs. 9V150

REF SOURCE: Sb. Sov.-kubinsk. rybokhoz. issled. M., Pishch. prom-st', 1965, 17-21

TOPIC TAGS: oceanography, hydrometeorology, wind regime, tropical hurricane, water salinity, hydrology/tropical Atlantic

ABSTRACT: It is pointed out that for the benefit of the fishing industry it is necessary to investigate in this region the process of water heating under various wind regimes; heat exchange between the ocean and the atmosphere throughout the year; variations in trade wind circulation and their effect on fluctuations in the heat reserve of the water and on the formation of squalls and tropical hurricanes; the effect of strong wind mixing on variations in temperature distribution, salinity, and

Card 1/2 UDC: 551.46.09:639.2(263)

ACC NR: AR6035267

the content of O_2 and salts along the vertical. Of considerable importance is the study of regions of relatively stable rise of water during the summer months. [Translation of abstract]

[SP]

SUB CODE: 08/

Card 2/2

BOGDANOV, E.

A progressive engine room crew. Mor. flot. 25 no. 12:25-26 D '65. (MIRA 18:12)

1. Starshiy inzhener tekhnicheskogo otdela Upravleniya arkticheskogo i ledokol'nogo flota Severnogo parokhodstva.

MILOVANOVA, S.K.; SEREBRYANAYA R.M.; BOGDANOV, E.A.

Production of phosphoric acid from Kara-Tau flotation concentrate by sulfuric acid decomposition. Khim.prom. no.5:307-308 My '61. (MIRA 14:6)

(Phosphoric acid)

RODIONOV, A.I.; MISHCHENKO, Yu.S.; KLIMOV, A.P.; BOGDANOV, E.A.

Absorption of nitrogen oxides by limestone suspensions. Trudy MKHTI no.40:74-77 '63. (MIRA 18:12)

SOV/124-57-8-9684

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 8, p 151 (USSR)

AUTHOR: Bogdanov, E. F.

TITLE: Experimental Investigation of the Optimum Conditions for Reduction With a Tapered Die (Eksperimental'noye issledovaniye optimal'nykh usloviy obzhima konusnoy matritsey)

PERIODICAL: Tr. Stud. nauchno-tekhn. o-va, MVTU im. Baumana, 1957, Vol 3, pp 41-45

ABSTRACT: Bibliographic entry

Card 1/1

BOGDANOV,E.F., aspirant

Designing hydraulic-press cylinders. Izv.vys.ucheb.zav.; mashinostr. no.6:71-74 '58. (MIRA 12:8)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche Baumana.
(Hydraulic presses--Cylinders)

BOGDANOV, E.F., aspirant

Selecting the stress of pressure fluid and the rigidity of cylinders of hydraulic presses. Izv.vys.ucheb.zav.; mashinostr. no.1:37-43 '59. (MIRA 13:3)

1. Moskovskoye vysshoye tekhnicheskoye uchilishche imeni N.Ye.Baumana.
(Hydraulic presses)

BOGDANOV, E.F.

Selecting pressure and permissible stresses in cylinders of hydraulic presses. Kuz.-shtam.proizv. 1 no.6:23-26 Je '59. (MIRA 12:9)

(Hydraulic presses)

BOGDANOV, E.F., aspirant

Selecting the pressure of working fluids in hydraulic presses for plastics. Izv.vys.ucheb.zav.; mashinostr. no.5:167-173 '59. (MIRA 13:4)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche im. Baumana (MVTU).
(Hydraulic presses)

Bogdanov, E.F.

PHASE I BOOK EXPLOITATION SOV/3955

Moscow. Vyssheye tekhnicheskoye uchilishche

Mashiny i tekhnologiya obrabotki metallov davleniyem; sbornik statey (Machinery and Processes for the Pressworking of Metals; Collection of Articles) Moscow, Mashgiz, 1960. 246 p. (Series: Its: Trudy, vyp. 98) Errata slip inserted. 3,500 copies printed.

Ed.: A.I. Zimin, Doctor of Technical Sciences, Professor; Ed. of Publishing House: O.V. Chernyak; Tech. Ed.: T.F. Sokolova; Managing Ed. for Literature on Heavy Machine Manufacturing (Mashgiz): S.Ya. Golovin, Engineer.

PURPOSE: This collection of articles is intended for workers in scientific research institutions and in die-forging shops, and for engineering students.

COVERAGE: The book contains papers from the Department of Machines and Processes for the Pressworking of Metals of the MVTU (Moscow Higher Technical School imeni N.E. Bauman). The papers deal with theoretical and practical aspects of metal pressworking and with the theory and practice of forging machine and press design. These papers deal with machine hydraulics (selection of drives of presses, pressure in cylinders). A design of a hydraulic power-screw type "press-hammer", which can work as a percussion press or forging press, is presented. Problems of the theory of plastic deformation in forging, upsetting, and forming are also analyzed. 17 reference cards (Nos. 33 to 49) are appended to explain problems pertaining to the state of stress of plastically deformed metal. These cards are the continuation of cards presented in collection No. 79 of the MVTU, 1957. No personalities are mentioned. References accompany most of the articles.

1

TABLE OF CONTENTS:

85550

S/182/60/000/009/006/012
A161/A029

1200

AUTHOR: Bogdanov, E.F.

TITLE: On the Application of Joined Cylinders in Hydraulic Presses

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 9, pp. 31 - 32

TEXT: Though several hydraulic presses with multilayer cylinders are operating in the industry, the calculation method for such cylinders is not yet sufficiently developed. The author discusses the formulae suggested by different authors (Refs. 2 - 8). Curves are plotted showing the dependence of the outer cylinder diameter and the optimum work fluid pressure on the number of joined cylinder layers and the effect of the joined layer numbers on the total weight and the weight of the outer cylinder ring. It is pointed out that a layer number higher than two gives theoretically only a slightly reduced outer cylinder diameter, but in very heavy hydraulic presses it may be important to use several layers because of the much lower weight of the separate layers to be forged, uniformity of mechanical properties in the much thinner metal of the separate layer and the possibility of replacement of the rings by a band that has a higher strength. In this case the outer diameter of a multilayer cylinder could be con-

Card 1/2

S/182/60/000/009/006/012
A161/A029

On the Application of Joined Cylinders in Hydraulic Presses

siderably smaller. The cylinder weight may also be reduced by using steel grades with higher strength than the usually used medium-carbon steel with a permissible stress of 900 - 1,400 kg/cm^2, and therefore the use of a multilayer design is only justified when stronger steel cannot be used. The multilayer vessel design used in chemical industry with interlayer spaces filled with fluid under pressure is another way to reduce the dimensions, but this hardly can be recommended for hydraulic cylinders. There are 2 figures and 8 Soviet references.

Card 2/2

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30906
S/182/61/000/012/003/004
D038/D112

AUTHOR: Bogdanov, E.F.

TITLE: Calculating strengthened and banded cylinders of hydraulic presses

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 12, 1961, 16-20

TEXT: The author gives the calculation of two-layer hydraulic-press cylinders, as the methods of calculating such cylinders have not yet been sufficiently developed. The use of this design permits considerably reducing the dimensions of the cylinder and the weight of the forgings and increases the technological possiblities of machine-building plants as regards building large special presses. The author gives a calculation for the general case of a cylinder composed of an inner and an outer tube made from steels of different grades with unequal permissible stresses, and specific examples for finding (a) the optimum fluid pressure and dimensions for a 15,000-ton capacity cylinder, and (b) the dimensions for the same cylinder operating at a rational fluid pressure of 500 at. The calculation of two-layer banded cylinders is also discussed. There are 7 figures and 5 Soviet-bloc references.
Card 1/1

BOGDANOV, E.F., kand.tekhn.nauk

Analysis of the bonding efficiency of multilayer cylinders in hydraulic presses. Trudy MVTU no.111:99-111 '64. (MIRA 17:9)

BOGDANOV, E.P.

"On the Heat Regine of a Gasification Process," in book, Conference on Applications of Gas Dynamics, "TRUD" Series, Publishing Office of the Academy of Science of the Dazakh SSR, Alma-Ata, 1959.

9.3150,9.3240

77775
SOV/109-5-2-8/26

AUTHORS: Bogdanov, E. V., Kislov, V. Ya., Chernov, Z. S.

TITLE: Electron Flux Interaction with Plasma

PERIODICAL: Radiotekhneka i elektronika, 1960, Vol 5, Nr 2, pp 229-238 (USSR)

ABSTRACT: The interaction of a finite electron beam with plasma is analyzed and the dispersion equation is derived. A system is tested experimentally in which a modulated electron beam interacts with plasma of a gaseous discharge within a longitudinal magnetic field. Amplification was achieved up to 40 db within the range of 3 to 30 cm waves. (1) Interaction of a finite modulated electron flux with plasma. Existing theories concerning the interaction of an infinite flux with an infinite plasma being too abstract, the authors assume a cylindrical electron flux of diameter a piercing an infinite plasma in the direction of z-axis. Assuming further that current densities and electron velocities in the beam and in the plasma have only longitudinal components,

Card 1/13

while variable components are proportional to $e^{i(\omega t - \gamma z)}$ the polarization potential will be expressed by

$$\frac{\partial^2 \Pi}{\partial r^2} + \frac{1}{r}\frac{\partial \Pi}{\partial r} + \frac{1}{r^2}\frac{\partial^2 \Pi}{\partial \varphi^2} + T^2 \Pi = 0, \qquad (2)$$

WHERE

$$T^2 = (\gamma^2 - k^2)\left[\frac{\omega_p^2}{\omega^2} + \frac{\omega_{pe}^2}{\omega^2\left(1 - \frac{1}{\gamma_e}\right)^2} - 1\right], \qquad (3)$$

where γ is the wave number in medium, k is the wave number in vacuum, γ_e is the electron wave number; ω_{pe} is different from zero when $r \leqslant a$. Dividing the space into two areas, one of which ($0 \leqslant r \leqslant a$) contains the electron flux and plasma, while the other ($r \geqslant a$) contains only plasma, and joining the solutions

at the boundary of the beam r = a, dispersion equations are obtained

$$Ta\frac{J_1(Ta)}{J_0(Ta)} = \tau a \frac{H_1^{(2)}(\zeta a)}{H_0^{(2)}(\zeta a)}, \quad (4)$$

WHERE

$$\tau^2 = (\gamma^2 - k^2)\left(\frac{\omega_p^2}{\omega^2} - 1\right). \quad (5)$$

IF $\tau^2 > 0$,

AND

$$Ta\frac{J_1(Ta)}{J_0(Ta)} = \tau_1 a \frac{K_1(\tau_1 a)}{K_0(\tau_1 a)}, \quad (6)$$

when $\tau_1^2 > 0$, where $\tau_1^2 = -\tau^2$, $H_0^{(2)}$ is Hanckel's function of the zero order and 2-nd kind, corresponding to a wave leaving the electron flux; K_0 is modified Bessel's function. The authors limit themselves to an

analysis of waves with phase velocity of near v_e. From Eqs. (4) and (6) they find the dependence of Ta on τa, permitting the derivation of the propagation constant and of its imaginary part. The amplification per unit length of system is expressed by a simple equation

$$G_e = 8{,}69\gamma_{pe}q \text{ db/m} \qquad (7a)$$

where $\gamma_{pe} = \omega_{pe}/v_e$ is the plasma wave number of the electron flux. At the boundary of the plasma (Z = 0) the variable component of the current density of the space charge waves in the stream is j(0) = 0, and the variable velocity v(0) is maximum. Two waves are generated in the system plasma -- electron stream; one is attenuated, the other is amplified. Therefore, the coefficient of amplification is

$$G = (8.69\gamma_{re} q l - 3)\,\mathrm{db} \qquad (7б)$$

where ℓ is length of the interaction zone. A graphic representation of quantity q is given in Fig. 1. The method of calculating quantity $q(\gamma_e a, \omega_p/\omega)$ is explained in an appendix to this article. The most important relation is that of the amplification to ω_p^2/ω^2, or, if amplification at a given frequency is considered, the relation to n/n_o where n_o corresponds to plasma resonance for the given frequency. If $n < n_o$, there is no amplification. Beginning with $n = n_o$ the amplification rises abruptly, but it declines slowly with a further increase of n. A strict statistical analysis is given in Appendix 2. As a result of this analysis in Eqs. (4) and (6) thermal terms appear

$$T^2 = (\gamma^2 - k^2)\left[\frac{\omega_{p_e}^2}{\omega^2\left(1-\frac{1}{\gamma_e}\right)^2} - \frac{\omega_p^2}{\omega^2\left(1-\frac{\gamma^2 v_T^2}{\omega^2}\right)} - 1\right]. \qquad (8)$$

$$\tau^2 = (\gamma^2 - k^2)\left[\frac{\omega_p^2}{\omega^2\left(1-\frac{\gamma^2 v_T^2}{\omega^2}\right)} - 1\right]. \qquad (9)$$

Consideration of thermal terms is very important in case of resonance (for large $\gamma_e a$). If $\gamma_e a \to \infty$, practically a plane condition is achieved when the dependence of Π on the radius disappears, and the dispersion equation takes on the shape $T^2 = 0$ (A. I. Akhiyezer, Ya. B. Faynberg, Zh E T F, 1957, 21, 1262). It is doubtful whether such a case can be achieved practically. Amplification of the usual types of TWT drops at shorter wavelengths in consequence of an increase of γa for the delay structure. In plasma the amplification increases with γa, and it is

Electron Flux Interaction with Plasma

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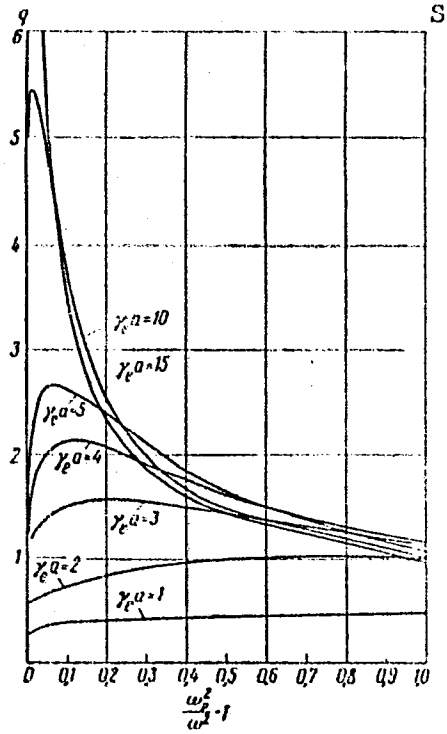

Card 7/13 Fig. 1.

possible to achieve a more effective interaction at higher frequencies and greater electron stream cross sections. Plasma concentrations must exceed the critical magnitude, which is calculated by Langmuir's formula. (2) Experimental study of electron beam interaction with plasma. This study was carried out using a device shown in Fig. 2.

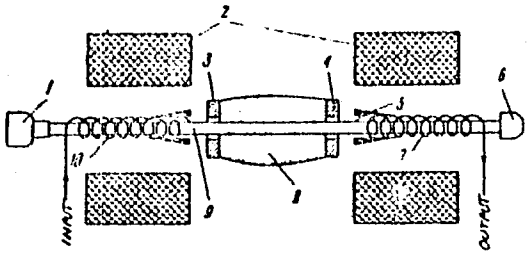

Fig. 2. Schematic Diagram of the experimental device: (1) electron gun; (2) magnet coils; (3) cathode; (4) anode; (5) absorber; (6) collector; (7) demodulating helix; (8) plasma; (9) electron beam (10) modulating helix.

The discharge gap consisted of an annular heated oxide coated cathode facing an annular anode. Between these electrodes a discharge in mercury vapors at a few micron pressure was ignited. The current could be varied between zero and a few amperes. The magnetic coils imposed a field in the discharge area like those used in plasma traps with magnetic stoppers. Amplification from 20 to 40 db was achieved at a discharge current of 100 to 200 ma and a beam current under 1 ma. Figure 3 shows the dependence of an increasing q on the square of plasma frequency $\omega_p^2/\omega^2 - 1$. Solid curves are calculated quantities, while the dashed line is experimental. Figure 4 shows a most important dependence indicating that the use of plasma for amplification of millimeter waves is possible. Along the ordinate axis the signal frequency in kilomegacycles is plotted, while the maximum amplification current density of the discharge is plotted on the abscissa. Figure 5 shows the pace of amplification depending on the current density of the discharge and different wave lengths

Electron Flux Interaction with Plasma

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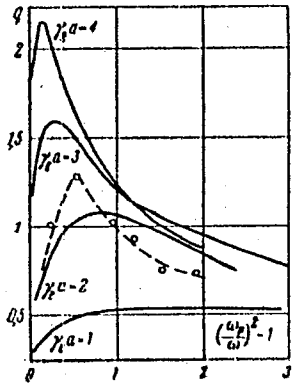

Card 10/13 Fig. 3.

Electron Flux Interaction with Plasma

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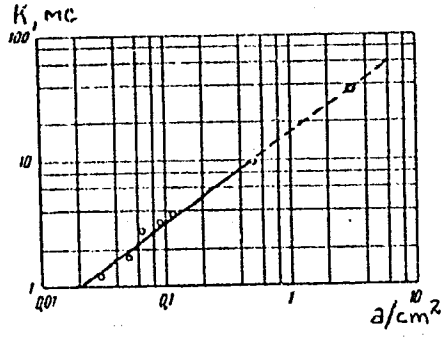


Card 11/13 Fig. 4.

which coincides with the theoretical predictions about critical frequencies (knees of curves). The article contains an appendix, where are given (1) Derivation of the dispersion equation, (2) an analysis of it, (3) calculation of thermal scattering. There are 7 figures; 9 references, 5 Soviet, 4 U.S. The U.S. references are D. Bohm, E. B. Gross, Phys. Rev., 1949, 75, 1851; M. A. Lampert, J. Appl. Phys., 1956, 27, 5; G. D. Boyd, L. M. Field, R. W. Gould, Phys. Rev., 1958, 109, 1393; C. K. Birdsell, J. R. Whinnery, J. Appl. Phys., 1953, 24, 314.

SUBMITTED: May 21, 1959

Card 12/13

BOGDANOV, F., inzhener.

Neglected raw materials in the brush industry. Prom.koop. no.11: 51-52 N '55. (MLRA 9:5)

(Brooms and brushes)

BOGDANOV, F., inzhener.

Filling material made of the processed linden bark. Prom.koop. no.1:20 Ja '56. (Upholstery) (MLRA 9:6)

BOGDANOV, F., inzhener.

Using wool wastes in manufacturing felt footwear. Prom.koop. no.2: 24 F '56. (MLRA 9:7)
(Shoe industry) (Woolen and worsted manufacture)

UGRIMOVA, N., kandidat tekhnicheskikh nauk; BOGDANOV, F., inzhener.

Cleaning secondary textile raw materials. Prom.koop. no.4:26-27 Ap '56. (MLRA 9:8)

(Textile fabrics--Cleaning)

BOGDANOV, FEDOR ANDREYEVICH

PHASE I BOOK EXPLOITATION 722

Chernakov, Fedor Andreyevich, and Bogdanov, Fedor Andreyevich

Argono-dugovaya svarka i yeye primeneniye (Argon-arc Welding and Its Uses) Leningrad, Sudpromgiz, 1958. 219 p. 5,000 copies printed.

Responsible Ed.: Pashkov, N. Ye.; Ed.: Kazarov, Yu. S.; Tech.Ed.: Tsal, R. K.

PURPOSE: The monograph is intended for production workers, technicians and designers in the welding industry.

COVERAGE: The authors generalize and systematize data in the field of argon-arc welding with nonconsumable (tungsten) and consumable electrodes. The term "mechanized welding" is used by the authors to mean mechanized welding with nonconsumable electrodes in an atmosphere of inert gases. The term "automatic welding" refers only to welding with consumable electrodes. The techniques and processes of argon-arc welding of aluminum alloys, titanium and its alloys and stainless steel are described. The process of surfacing with hard alloys by using argon-arc welding is also briefly described. Basic data on operating conditions and equipment used in shielded inert-gas arc welding are given.

Card 1/5

Examples of welded engineering constructions and the mechanical characteristics of these welds are also given with special emphasis on those for aluminum alloys. The monograph embodies the practical experience and the theoretical knowledge of the authors, the materials and research work of the NII (Scientific Research Institute) and the instructions and experience of many scientific organizations doing research work in the field of argon-arc welding. The cooperation of many engineers is gratefully acknowledged, in particular, that of A. P. Shtromvasser, M.V. Chuprikov, A. P. Rekshan, V.A. Lyubeznov, N.V. Kozlova, V.A. Lobanova, V.A. Devyatkina and G.I. Orlov and his welding team. There are 71 references of which 47 are Soviet, 22 English, and 2 German.

TABLE OF CONTENTS:

AVAILABLE: Library of Congress

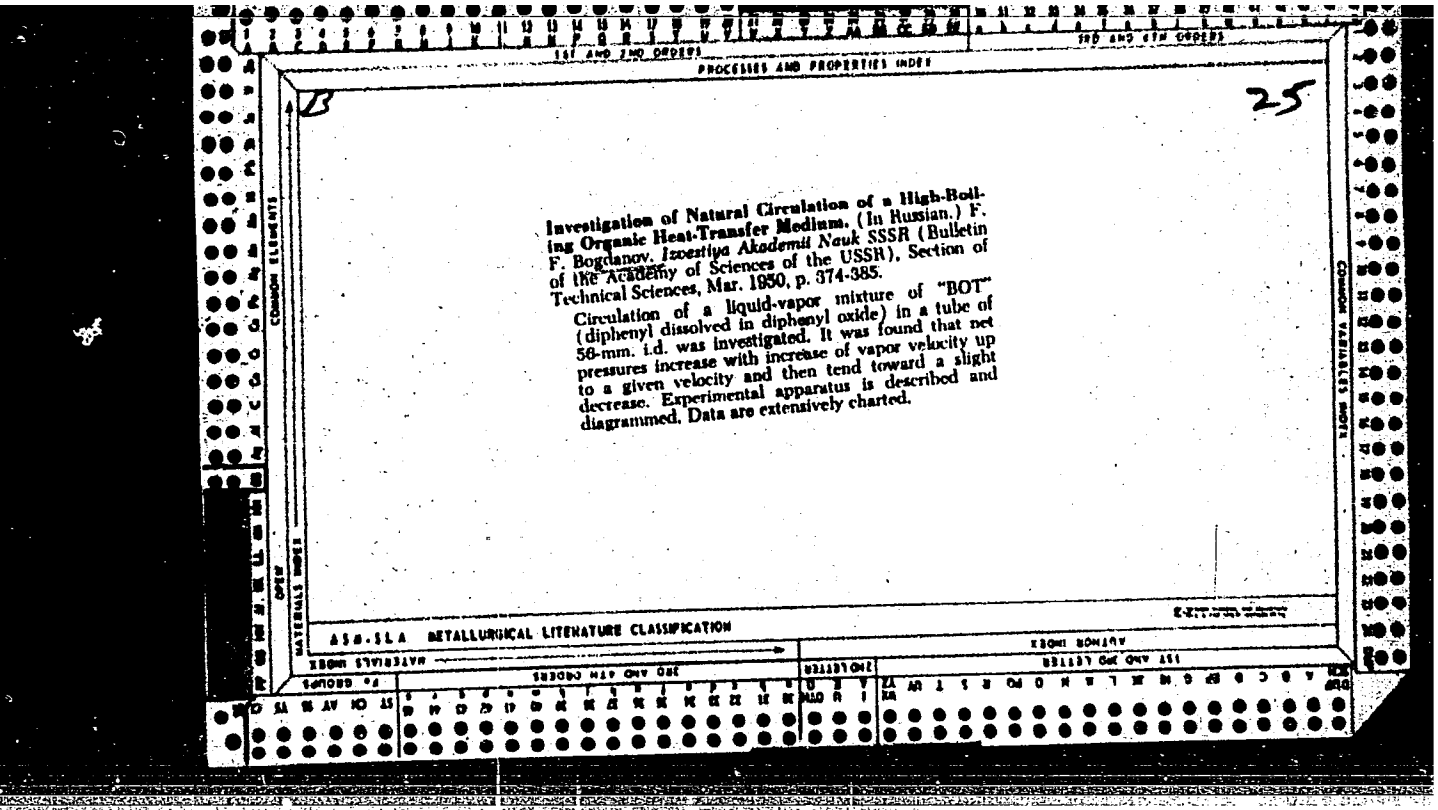
Card 5/5

GO/mas
10-15-58

BRAYLOVSKIY, I.G., inzh., red.; BOGDANOV, F.Ya., inzh., otv. za vypusk; KHITROVA, N.A., tekhn. red.

[Uniform technological process and organization of wheel pair repair in car depots and car-wheel repair shops] Edinyi tekhnologicheskii protsess i organizatsiia remonta kolesnykh par v vagonnykh depo i vagonokolesnykh masterskikh. Moskva, Transzheldorizdat, 1963. 62 p. (MIRA 16:11)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye vagonnogo khozyaystva.
(Car wheels--Maintenance and repair)



PROCESSES AND PROPERTIES INDEX

25

Investigation of Natural Circulation of a High-Boiling Organic Heat-Transfer Medium. (In Russian.) F. F. Bogdanov. *Izvestiya Akademii Nauk* SSSR (Bulletin of the Academy of Sciences of the USSR), Section of Technical Sciences, Mar. 1950, p. 374-385.

Circulation of a liquid-vapor mixture of "BOT" (diphenyl dissolved in diphenyl oxide) in a tube of 58-mm. i.d. was investigated. It was found that net pressures increase with increase of vapor velocity up to a given velocity and then tend toward a slight decrease. Experimental apparatus is described and diagrammed. Data are extensively charted.

A58-SLA METALLURGICAL LITERATURE CLASSIFICATION

USSR/Engineering - Heat Exchange, Jul 52
Processes, Equipment

"Temperature Conditions of the Metal of Steam Generating Pipes for a High-Boiling Organic Heat-Carrier," F. F. Bogdanov, Z. L. Miropol'skiy

"Iz Ak Nauk, Otdel Tekh Nauk" No 7, pp 1026-1030

Studies possibility of using horizontal pipes in heat-exchanging equipment with diphenyl oxide-diphenyl mixt as heat-carrying medium. States that overheating of upper portion of pipe wall takes place due to sepn of vapor and liquid phases at low velocities of flow in such pipes. Concludes that horizontal boiling pipes cannot be used in boilers with natural circulation. Submitted by Acad M. V. Kirpichev 20 Jun 51.

PA 228T84

228T84

BOGDANOV, F. F.

228T84

FD-1133

USSR/Engineering - Heat

Card 1/1 Pub. 41-14/17

Author : Bogdanov, F. F., Moscow

Title : Investigation of the effect of pressure on the heat-transfer coefficient in boiler tubes.

Periodical : Izv. AN SSSR. Otd. tekh. nauk 6, 137-144, Jun 1954

Abstract : Gives description of apparatus, details, and results of experimental investigation of effect of pressure on coefficient of heat transfer in a 20-mm diameter, inclined tube containing circulating boiling water. Investigation covers pressure range from 2-160 atm at heat loads of 50,000-400,000 kcal/sq. m. per hour and circulation speed from 0.5-2.5 m/sec. Diagram; graphs. Ten references.

Institution :

Submitted : July 24, 1954

BOGDANOV, F.F.

FD-2626

USSR/Physics -- Heat Transfer

Card 1/1 : Pub. 41-12/21

Author : Bogdanov, F. F., Moscow

Title : Investigation of the effect of water flow rate on the coefficient of heat exchange during boiling in an inclined tube

Periodical : Izv. AN SSSR, Otd. Tekh. Nauk 4, 136-140, Apr 1955

Abstract : Describes the results of the investigation on the effect of liquid flow velocity on the coefficient of heat exchange during the boiling of the liquid in an inclined tube. Presents graphs in which the coefficient of heat exchange is related to the rate of circulation for a series of pressures and thermal loads. Lists some data on the mechanics of the heat emission process during the boiling of a circulating liquid in tubes. Drawing of test equipment, graphs, formulae. Nine references, 6 USSR.

Institution : Laboratory of Thermohydrodynamics, Power Engineering Institute, Academy of Sciences USSR

Submitted : December 8, 1954

BOGDANOV, F.F.

KOZLOV, B.K.; BOGDANOV, F.F.; KOLOS, Ya.G.; MARKOV, G.I.

Thermotechnical investigation of a parabolic solar collector for producing steam. Ispol'.soln.energ. no.1:110-117 '57. (MIRA 10:11)
(Solar energy)

L 19834-65 EWT(m)/EPA(s)-2/EPF(c)/EPF(n)-2/EWA(d)/EPR/EWP(j)/EWP(t)/EWP(b)
Pc-4/Pr-4/Ps-4/Pu-4 SSD/APWL MJW/JD/DM/RM

ACCESSION NR: AP4049542 S/0089/64/017/005/0408/0410

AUTHOR: Bogdanov, F. F.

38
B

TITLE: Investigation of critical heat fluxes in tubes carrying monoisopropylbiphenyl heated to the saturation temperature

SOURCE: Atomnaya energiya, v. 17, no. 5, 1964, 408-410

TOPIC TAGS: reactor coolant thermodynamic calculation, heat flux measurement, organic moderator, monoisopropylbiphenyl

ABSTRACT: In view of the limited research hitherto devoted to organic reactor coolants, the author investigated the critical heat fluxes on the internal surface of a vertical tube of 15 mm dia. and 200 mm length (stainless steel iKh18N9T, 2.5 mm thick), in which monoisopropylbiphenyl was made to flow at different speeds and at different subcooling below critical temperature. The tube was heated with low-voltage current. The data obtained have made it

Card 1/2

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ACCESSION NR: AP4049542

possible to establish the influence of subcooling on the magnitude of the critical heat load and to determine the value of the critical load on the coolant speed over a wide range of these parameters. The test results fit well the empirical formula

$$q_{cr} = 1.6(W^{0.6}\Delta t^{0.8}).10^4 + 3.10^5(P)^{0.6} \text{ kcal/m}^2\text{hr} \qquad (1)$$

(q -- heat flux, Δt -- subcooling below saturation temperature, W -- linear flow velocity of coolant). The results are approximately valid in the pressure range 1--5 atm. Orig. art. has: 2 figures and 1 formula.

ASSOCIATION: None

SUBMITTED: 06Dec63

SUB CODE: NP, TD

NR REF SOV: 008

ENCL: 00

OTHER: 002

Card 2/2

L 40014-65 EWG(j)/EWT(l)/EPA(s)-2/EWT(m)/EWP(w)/EPF(c)/EPF(n)-2/EWG(m)/EWA(d)/
EPR/EWP(j)/EWP(t)/EWP(b) Pc-4/Pr-4/Ps-4/Pu-4 IJP(c) JD/WW/EM/GS/RM
ACCESSION NR: AT5007905 S/0000/64/000/000/0130/0150

AUTHOR: Bogdanov, F. F.

TITLE: A study of heat transfer from a bundle of helical heated rods to a longitudinal flow of monoisopropylbiphenyl

SOURCE: Moscow. Institut atomnoy energii. Issledovaniya po primeneniyu organicheskikh teplonositeley-zamedliteley v energeticheskikh reaktorakh (Research on the use of organic heat-transfer agents and moderators in power reactors). Moscow, Atomizdat, 1964, 130-150

TOPIC TAGS: nuclear reactor, thermal reactor, nuclear power plant, organic reactor coolant, heat transfer agent, isopropylbiphenyl

ABSTRACT: The author investigated the heat transfer from a bundle of heated tubes with a multifilar helical thread to a flow of monoisopropylbiphenyl heated to the boiling point. The experiments were carried out on a closed, single-tube, circulation loop with forced flow. The apparatus is described in detail. During the study, the author measured the flow of fluid through the channel, the pressure of the coolant before entering the apparatus, and the consumption of electricity for heating the Al rods. These rods were in a longitudinal flow of monoisopropylbiphenyl heated to the saturation temperature and moving at Re = 500-80,000. The

Card 1/2

L 40014-65

ACCESSION NR: AT5007905

results are shown graphically, and empirical relations are derived for: 1) heat transfer during turbulent flow of a liquid at Re > 10,000 in the presence of displacers; 2) heat transfer at Re = 500-3,000, 3) heat transfer [illegible] external helical thread without displacers for Re > 10,000; and heat transfer when Re < 9,000. "The author thanks Engineers O. I. Utkin, K. E. Polushkin, R. N. Shapovalov, and S. A. Lebedev for their valuable advice, as well as [illegible] I. I. Kryuchkov and Yu. V. Filimonov, who took part in the experiments [illegible]

Orig. art. has: 8 formulas and 18 figures.

ASSOCIATION: None

SUBMITTED: 01Aug64 ENCL: 00 SUB CODE: TD, NP

NO REF SOV: 009 OTHER: 004

Card 2/2

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000205820007-7"

L 01066-66 EPA(s)-2/EWT(m)/EWP(e)/EPF(c)/EWP(i)/EPF(n)-2/EWG(m)/EPA(w)-2/EWP(j)/T/EWP(b) WW/JG/DM/RM/WH

ACCESSION NR: AP5014538 UR/0089/65/018/005/0478/0483

621.039.55 45B

AUTHOR: Tokarev, Yu. I.; Bogdanov, F. F.; Pavlovskaya, Ye. I.; Chernopyatova, A.P.

TITLE: Development of technology for the manufacture of filters to purify organic coolants and an investigation of their hydraulic resistance

SOURCE: Atomnaya energiya, v. 18, no. 5, 1965, 478-483

TOPIC TAGS: organic cooled reactor, organic coolant, coolant contamination, coolant filter, metal ceramic filter

ABSTRACT: The authors report the results of an experimental investigation of hydraulic resistance of metal-ceramic disc filters for organic coolants, tested under working conditions. This investigation is motivated by the fact that in organic-cooled reactors (such as "Arbus" in the SSR or OMRE in the USA) the primary loop coolant always contains some inorganic contaminats, in spite of a thorough cleaning. The technology of preparing the filters is described. Stacks of filters made of powders of different sizes were tested for filtering ability and for hydraulic resistance by means of special experiments, using monoisopropyl diphenyl at 300C as the test coolant. The set-up is briefly described. Plots of the pressure differential against the flow rate and of the local resistance to flow against the Rey-

Card 1/2

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ACCESSION NR: AP5014538

nolds number are presented, and an empirical formula for the latter is derived. The test results show that the filters can be regenerated by means of a current of coolant in the opposite direction, with the contaminants discarded into an overflow tank. Orig. art. has: 5 figures, 1 formula, and 2 tables.

ASSOCIATION: none

SUBMITTED: 28Apr64 ENCL: 00 SUB CODE: NP

NR REF SOV: 005 OTHER: 001

Card 2/2

BOGDANOV, F.F., kand. med. nauk.

Treatment of small wounds and skin abrasions of the fingers and hand by Sh. B. Turgunov's technic and standard technic. Sov. med. 23 no.3: 98-99 Mr '59. (MIRA 12:4)

1. Glavnyy khirurg Novosibirskogo oblzdravotdela.
(HAND, wds. & inj.
ther., Turgunov's method (Rus))

BOGDANOV, F.M.

Maya River Valley; Geographical Position, Climate, Fauna, Flora, Communications, Medicinal Springs;Explorer P.A. Kropotkin

Soviet Source: P: Vokrug Sveta, no. 1 (Moscow, Jan. 1950)

KALLISTOV, P.L.; ZENKOV, D.A.; PROKOF'YEV, A.P. Prinimali uchastiye: BOGDANOV, F.M.; BORZUNOV, V.M.; BURYBLIN, A.V.; DROZDOV, M.D.; YEROFEYEV, B.N.; KOMISSAROV, A.K.; KOGAN, I.D.; LYUBIMOV, I.A.; MIRLIN, R.Ye.; ROKHLIN, M.I.; SERGEYEV, P.V.; SEMENOV, A.D.; FROLOV, V.V.; NEMANOVA, G.F., red. izd-va; GERDIYENKO, Ye.B., tekhn. red.

[Instructions for applying the classification of reserves to primary gold deposits] Instruktsiia po primeneniiu klassifikatsii zapasov k korennym mestorozhdeniiam zolota. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1955. 46 p. (MIRA 15:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennaya komissiya po zapasam poleznykh iskopayemykh.
(Gold ores--Classification)

BOGDANOV, F.P.

Effect of vitamins A and D on the reproduction of swine. Vit. res. i ikh isp. no.2:187-195 '54. (MIRA 8:10)

1. Moskovskaya veterinarnaya akademiya.
(Vitamins-A) (Swine breeding) (Vitamins-D)

BOGDANOV, F.P., dots., otv. red.

[Materials of the scientific conferences of the Izhevsk Agricultural Institute] Materialy nauchnykh konferentsii. Izhevsk. No.7. [Zootechny] Zootekhniia. 1960. 149 p. (MIRA 17:2)

1. Izhevskiy sel'skokhozyaystvennyy institut.

BOGDANOV, F. R.

Osteosynthesis and osteoplasty in pseudarthroses and defects of long tubular bones following gunshot fracture. Khirurgiia, Moskva, No. 11, Nov. 50. p. 22-30

1. Sverdlovsk.

CLML 20, 3, March 1951

BOGDANOV, F. R.

Surgical therapy of injuries and diseases of the foot. Moskva, Medgiz, 1952. 221 p. (Biblioteka prakticheskogo vracha)

1. Foot - Surgery.

BOGDANOV, F. R.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Name	Title of Work	Nominated by
Bogdanov, F. R.	"New Methods of Operative Orthopedics"	Sverdlovsk State Medical Institute; Sverdlovsk Scientific Orthopedic Society; Sverdlovsk Scientific Research Institute of Plastic Surgery, Traumatology and Orthopedics

SO: W-30604, 7 July 1954

BOGDANOV, F.R.

SESYUNINA, L.I.; MUKHIN, M.V., professor, zaveduyushchiy; BOGDANOV, F.R., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, nauchnyy rukovoditel', direktor.

Use of Rud'ko's apparatus in maxillofacial surgery. Stomatologiia no.4: 47-48 Jl-Ag '53. (MLRA 6:9)

1.Chelyustno-litsevoye otdeleniye Sverdlovskogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii (for Mukhin and Sesyunina). 2. Sverdlovskiy institut vosstanovitel'noy khirurgii, travmatologii i ortopedii (for Bogdanov). (Jaws--Surgery) (Face--Surgery) (Surgical instruments and apparatus)

BOGDANOV, F.R.

Treatment of athetosis, hyperkinesia, and spastic paralysis of the upper extremities. Khirurgiia, Moskva no.8:30-34 Aug 1953. (CLML 25:4)

1. Professor, Corresponding Member Academy of Medical Sciences USSR.
2. Of Sverdlovsk Institute of Restorative Surgery and Orthopedics (Director -- Prof. F. R. Bogdanov).

BOGDANOV, F.R.

MUKHIN, M.V., professor; BOGDANOV, F.R., professor, chlen-korrespondent Akademii meditsinskikh nauk SSSR, nauchnyy rukovoditel', direktor

Muscle transplants in persistent paralysis of the facial nerve. Sov.med. 17 no.6:26-28 Je '53. (MLRA 6:6)

1. Sverdlovskiy institut vosstanovitel'noy khirurgii, travmatologii i ortopedii. 2. Akademiya meditsinskikh nauk SSSR (for Bogdanov).
(Paralysis, Facial) (Transplanation (Physiology))

BOGDANOV,F.R., professor; PYTEL', A.Ya., professor

"General surgery." I.G.Rufanov. Reviewed by F.R.Bogdanov, A.IA.Pytel'. Khirurgiia. no.6:83-85 Je '54. (MLRA 7:9)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Bogdanov)
(SURGERY) (RUFANOV, I.G.)

BOGDANOV, F. R.

USSR/Medicine - Neurophysiology FD-2807

Card 1/1 17, 9/19

Author : Krol', N. G. and Zhelobova, Z. A.

Title : Physiological symptoms of the functional condition of the motor apparatus in hyperkinesis. Part 2: Muscle tone in athetosis

Periodical : Byul. eksp. biol. i med. 6, 36-39, June 1955

Abstract : During lengthy myotonometric investigations of the rigidity of muscles of patients with signs of athetosis, authors observed considerable variations. In studying antagonist muscles of the upper and lower extremities they found that the muscle tone was within normal limits in 29% of the cases during maximal prostration, in 18% it was below normal and in 53% above normal. Sharp variations in muscle tone during athetosis are characteristic. Authors' investigations led them to conclude that in patients of athetosis in maximal weakened conditions of the muscles there is a disturbance of the relationship between the indices of tone of the muscle-antagonists as well as of the muscles of distal and proximal groups. No references; graphs, table.

Institution : Laboratory of Clinical Physiology, Sverdlovsk Scientific Research Institute of Restorative Surgery, Traumatology, and Orthopedics, (Dir: Corresponding Member Academy Medical Sciences USSR Prof. F. R. Bogdanov)

Submitted : 10 June 1954

BOGDANOV, F.R., professor; TIMOFEYEVA, N.A., starshiy nauchnyy sotrudnik

Open setting of congenital dislocations of the hip. Ortop., travm. i protez. 17 no.2:3-7 Mr-Ap '56. (MLRA 9:12)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii (dir. - chlen-korr. AMN SSSR prof. F.R.Bogdanov)

(HIP, dislocations,
congen., surg. (Rus))
(DISLOCATION,
hip, congen., surg. (Rus))

BOGDANOV, E.R., professor; CHINENKOV, A.V., kandidat meditsinskikh nauk; FISHKIN, V.I., kandidat meditsinskikh nauk

Docent Georgii Ivanovich Ulitskii. Ortop., travm. i protez. 18 no.2:67 Mr-Ap '57. (MIRA 10:8)

1. Chlen-korrespondent AMN SSSR (for Bogdanov)
(ULITSKII, GEORGII IVANOVICH, 1906-)

BOGDANOV, F.R.

BOGDANOV, F.R., professor

Developing a method for intramedullary osteosynthesis with a metal rod. Ortop.trav. i protez. 18 no.3:3-9 My-Je '57. (MLRA 10:9)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(BONES, surg.
intramedullary osteosynthesis with metal bolt)

BOGDANOV, F.R.

BLOKHIN, V.N.; BOGDANOV, F.R.; YAZYKOV, D.K.

Seventh Congress of Orthopedists in the German Democratic Republic held on May 7-17, 1957. Ortop.travm. i protez. 18 no.6:65-71 N-D '57. (MIRA 11:4)

(GERMANY, EAST--ORTHOPEDIA--CONGRESSES)

BOGDANOV, F.R.

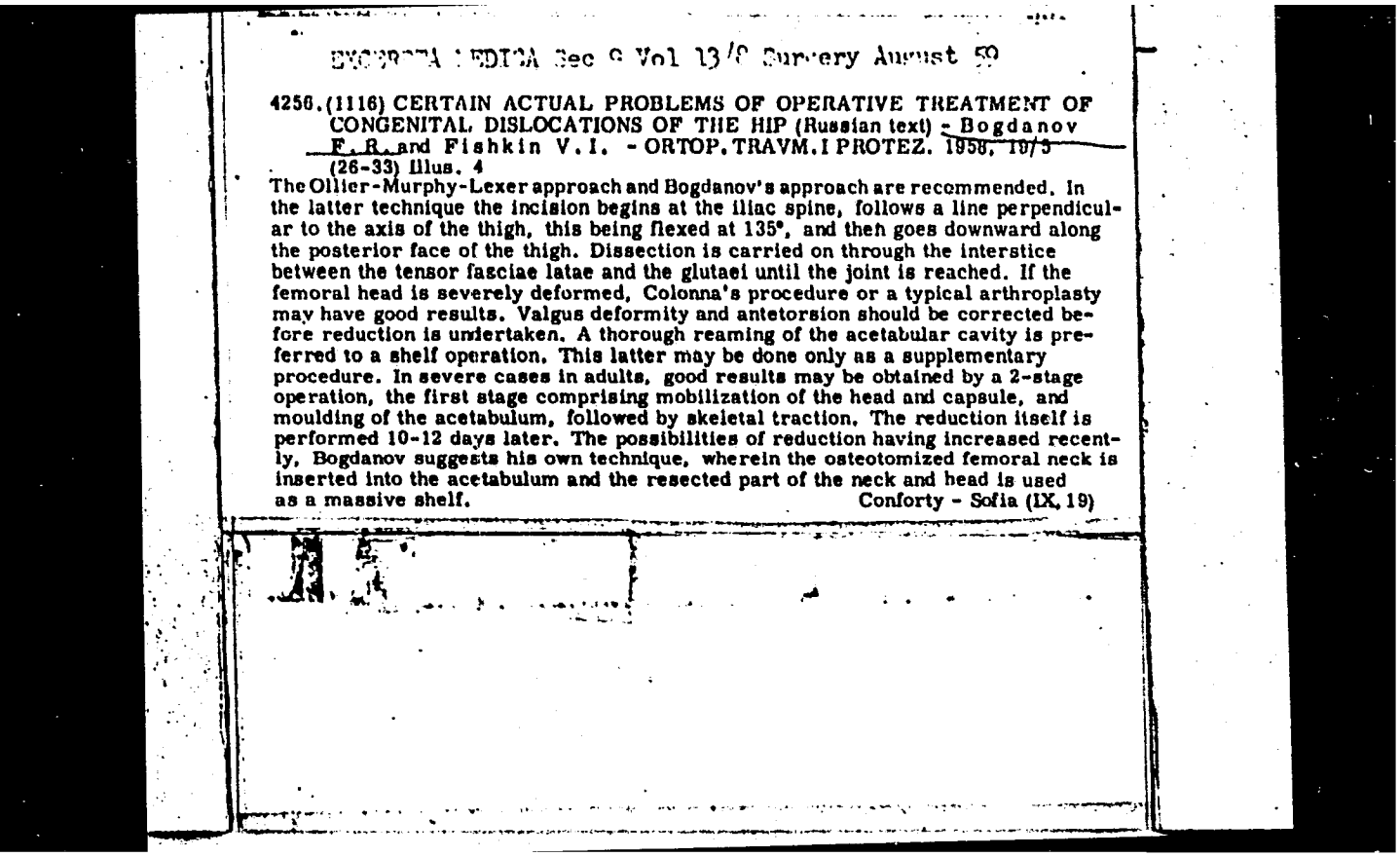
Evaluation of contemporary methods of surgery in treating diseases of the hip joint. Vest. AMN SSSR 13 no.9:3-12 '58 (MIRA 11:10)

1. Chlen-korrespondent AMN SSSR.
(HIP, surg.
current methods, review (Rus))

BOGDANOV, F.R., prof., ULITSKIY, G.I., dots. (Sverdlovsk)

"Orthopedic treatment of spastic paralysis" by M.I. Kuslik. Reviewed by F.R. Bogdanov, G.I. Ulitskiy. Ortop.travm. i protez. 19 no.3:77-79 My-Je '58 (MIRA 11:7)

1. Chlen-korrespondent AMN SSSR (for Bogadnov)
(PARALYSIS)
(KUSLIK, M.I.)



EXCERPTA MEDICA Sec 6 Vol 13/8 Surgery August 59

4256. (1116) CERTAIN ACTUAL PROBLEMS OF OPERATIVE TREATMENT OF CONGENITAL DISLOCATIONS OF THE HIP (Russian text) - Bogdanov F. R. and Fishkin V. I. - ORTOP. TRAVM. I PROTEZ. 1958, 19/3 (26-33) Illus. 4

The Ollier-Murphy-Lexer approach and Bogdanov's approach are recommended. In the latter technique the incision begins at the iliac spine, follows a line perpendicular to the axis of the thigh, this being flexed at 135°, and then goes downward along the posterior face of the thigh. Dissection is carried on through the interstice between the tensor fasciae latae and the glutaei until the joint is reached. If the femoral head is severely deformed, Colonna's procedure or a typical arthroplasty may have good results. Valgus deformity and antetorsion should be corrected before reduction is undertaken. A thorough reaming of the acetabular cavity is preferred to a shelf operation. This latter may be done only as a supplementary procedure. In severe cases in adults, good results may be obtained by a 2-stage operation, the first stage comprising mobilization of the head and capsule, and moulding of the acetabulum, followed by skeletal traction. The reduction itself is performed 10-12 days later. The possibilities of reduction having increased recently, Bogdanov suggests his own technique, wherein the osteotomized femoral neck is inserted into the acetabulum and the resected part of the neck and head is used as a massive shelf.

Conforty - Sofia (IX, 19)

BOGDANOV, Fedor Rodionovich; TIMOFEYEVA, Nina Aleksandrovna

[Congenital hip dislocations] Vrozhdennyi vyvikh bedra. Moskva, Medgiz, 1959. 179 p. (MIRA 13:9)
(HIP JOINT--DISLOCATION)

BOGDANOV, F.R., prof.; FISHKIN, V.I., starshiy nauchnyy sotrudnik

Development of gliding apparatus for the lower limb. Ortop.travm. i protez. 20 no.4:64-66 Ap '59. (MIRA 13:4)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii. 2. Chlen-korrespondent AMN SSSR (for Bogdanov).
(ORTHOPEDICS, appar. & instruments
gliding appar. for lower limb, develop. (Rus))

BOGDANOV, F.R., prof.

Comparativevaluation of methods for the treatment of closed fractures of the diaphysis of the femur in adults. Ortop.travm.i protez. 20 no.9:18-22 S '59. (MIRA 13:2)

1. Chlen-korrespondent AMN SSSR.
(FEMUR, fracture & dislocation)

BOGDANOV, F.R., prof., zasluzhennyy deyatel' nauki

Surgical therapy of congenital hip dislocation. Acta chir. orthop. traum. cech. 26 no.5-6:467-471 1959.

1. Chlen-korrespondent AMN SSSR.
(HIP, fract. & disloc.)

BOGDANOV, F. R., Kiev, Dir., Sverdlovsk Sci. Res. Inst. of Restorative Surgery, Traumatology and Orthopedics; VOROB'YEV, Z. A., Kiev, andCHERNOTS, G. L., Kiev.

"Reparative Regeneration of Bone Tissue, Experimental and Clinical Survey."

report submitted for the Eighth Congress, Intl. Society of Surgery (Orthopedic) and Traumatology, New York, N.Y., 4-10 Sep 60.

BOGDANOV, F.R., prof. (Kiyev)

Congenital dislocation of the hip and its treatment. Ortop.travm. i protez. 21 no.5:18-23 My '60. (MIRA 13:9)

1. Chlen-korrespondent AMN SSSR.
(HIP JOINT--DISLOCATION)

BOGDANOV, F.R.; BUKHTIAROV, O.A.; NOVACHENKO, N.P.; REVENKO, T.A.

Prospects of rehabilitation therapy and prosthesis in the Ukraine in the light of resolutions of the 21st Congress of the CPSU. Ortop.travm.i protez. 21 no.5:62-65 My '60. (MIRA 13:9)
(ORTHOPEDICS) (PROSTHESIS)

BOGDANOV, F.R., prof., zasluzhennyy deyatel' nauki

Surgical treatment of cerebral spastic paralysis. Ortop. travm. i protez. 21 no. 9:3-9 S '60. (MIRA 13:12)

1. Chlen-korrespondent AMN SSSR.
(PARALYSIS, SPASTIC)

BLOKHIN, V.N., dots.; BOGDANOV, F.R., prof.; VAYNSHTEYN, V.G., prof.; GODUNOV, S.F., doktor med. nauk; MITBREYT, I.M., kand. med. nauk; MOVSHOVICH, I.A., kand. med. nauk; MOLODAYA, Ye.K., prof.; NIKIFOROVA, Ye.K., prof.; NOVACHENKO, N.P., prof.; ROZOV, V.I., prof.; CHAKLIN, V.D., prof.; YAZYKOV, D.K., prof.; PETROVSKIY, B.V., prof., otv. red.; SENCHILO, K.K., tekhn. red.

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.11,book 1. [Surgery of the upper extremities] Khirurgiia verkhnei konechnosti. 1960. 518 p. (MIRA 15:3)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Bogdanov, Novachenko, Chaklin). 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Petrovskiy).
(EXTREMITIES, UPPER--SURGERY)

BOGDANOV, F. R., prof., (Kiyev 25, Vladimirskaya ul., d. 9, kv. 10)

Idiopathic scoliosis. Ortop. travm. i protez. no.11:3-11 '61.
(MIRA 14:12)

1. Chlen-korrespondent AMN SSSR.

(SPINE--ABNORMITIES AND DEFORMITIES)

BOGDANOV, F.R., prof. (Kiyev, Vladimirskaya ul., d.9, kv.10)

Clinical problems in pathology of the hip joint. Ortop., travm. i protez. 22 no.3:3-10 '61. (MIRA 14:4)

1. Chlen-korrespondent AMN SSSR.
(HIP JOINT—DISEASES)

BOGDANOV, F.R., prof. (Kiyev, ul. Vladimirskaya, d.9, kv.10); LEVENETS, V.N., nauchn. sotrudnik

Use of a bone-cartilate preserved homotransplat in plastic surgery of the coxofemoral joint; preliminary report. Nov. khir.arkh. no.4:31-35 '62. (MIRA 15:5)

1. Chlen-korrespondent AMN SSSR (for Bogdanov).
(HIP JOINT--SURGERY) (BONE GRAFTING)
(CARTILAGE--TRANSPLANTATION)

BOGDANOV, F.R.; SACENKO, G.T.

Combined treatment of scoliosis. Acta chir. orthop. traum. cech. 29 no.5:389-392 O '62.
(SCOLIOSIS)

BOGDANOV, F.R., red.

[Materials of the republic-wide conference on pediatric orthopedia and traumatology] Materialy respublikanskoi konferentsii po detskoi ortopedii i travmatologii. Kiev, 1961. 277 p. (MIRA 17:3)

1. Kiev. Ukrainskiy nauchno-issledovatel'skiy institut ortopedii i travmatologii.

BOGDANOV, F. R. (Prof.)

"Scoliosis and Its Treatment"

report submitted at the Republic Session on Traumatology and Orthopedics, Kishinev, 9-10 January, 1961

So: Zhravookhranenive, Kishinev, No. 2, March-April 1961, pages 61-64

BOGDANOV, F.R., prof. (Kiyev 25, Vladimirskaya ul., d.9, kv.10); FINOGENOV, S.N., prof.; YEMETS, G.L., starshiy nauchnyy sotrudnik

Physical methods of treatment in metal osteosynthesis of long tubular bones. Ort. travm. i protez. 23 no.10:17-22 O '62. (MIRA 17:10)

1. Iz Ukrainskogo instituta ortopedii i travmatologii (dir.-dotsent I.P. Alekseyenko, nauchnyy rukovoditel' - prof. F.R. Bogdanov). 2. Chlen-korrespondent AMN SSSR (for Bogdanov).

BOGDANOV, F.R., prof. (Kiyev, ul. Vladimirskaya, d.9, kv.10)

Evaluation of the effectiveness of the treatment of fractures of the long tubular bones in the medical institutions of Kiyev. Klin.khir. no.12:13-19 D '62. (MIRA 16:2)

1. Chlen-korrespondent AMN SSSR.
(KIEV—FRACTURES)

ARENDT, A.A., prof.; ARKHANGEL'SKIY, V.V., kand. med. nauk; BOGDANOV, E.R., prof.; BONDARCHUK, A.V., prof.; KOPYLOV, M.B., prof.; KORNEV, P.G., zasl. deyatel' nauki RSFSR, prof.; KUSLIK, M.I., prof.; LEYBZON, N.D., doktor med. nauk; MAKAROV, M.P., kand. med. nauk; NIKOL'SKIY, V.A., prof.; PODGORNAYA, A.Ya., doktor med.nauk; RAZDOL'SKIY, I.Ya., prof.[deceased]; ROSTOTSKAYA, V.I., kand. med.nauk; TUMSKOY, V.A., kand. med.nauk; UGRYUMOV, V.M., prof.; FISHKIN, V.I., kand. med. nauk; KHRAPOV, V.S., kand. med. nauk; CHIKOVANI, K.P., prof. [deceased]; SHLYKOV, A.A., prof.; PETROVSKIY, B.V., prof. zasl. deyatel' nauki RSFSR, otv. red.; YEGOROV, B.G., zasl. deyatel' nauki RSFSR prof., red. toma; MIRONOVICH, N.I., doktor med. nauk, zam. red.; PARAKHINA, N.L., tekhn. red.

[Manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.4. [Neurosurgery; the sequelae of lesions of the central nervous system. Diseases of the spine, the spinal cord and its membranes. Diseases of the vegetative nervous system] Neirokhirurgiia; posledstviia povrezhdenii tsentral'noi nervnoi sistemy. Zabolevaniia pozvonochnika, spinnogo mozga i ego obolochek. Zabolevaniia vegetativnoi nervnoi sistemy. 1963. 667 p. (MIRA 16:10)

1. Deystvitel'nyy chlen AMN SSSR (for Petrovskiy, Yegorov, Kornev). 2. Chlen-korrespondent AMN SSSR (for Bogdanov).
(NERVOUS SYSTEM—SURGERY) (SPINE—SURGERY)

BOGDANOV, F.R., prof. (Kiyev, Vladimirskaya ulitsa, d.9, kv. 10); YARALOV-YARALYANTS, V.A., starshiy nauchnyy sotrudnik

Current methods of treating fractures of the bones of the foot. Ortop. travm. i protez. 24 no.5:3-10 My '63. (MIRA 17:9)

1. Iz Ukrainskogo instituta ortopedii i travmatologii v Kiyeve (dir.- dotsent I.P. Alekseyenko). 2. Chlen-korrespondent AMN SSSR (for Bogdanov).

BOGDANOV, F.R., prof., red.; VOLKOV, M.V., prof., red.; KAZ'MIN, A.I., st.nauchn. sotr., red.; DVORKIN, A.M., st. nauchn. sotr., red.; NOVACHENKO, N.P., prof., red.; SAFONOV, A.G., red.; CHAKLIN, V.D.(Moskva), red.

[Materials of the Congress of Traumatologists and Orthopedists of the U.S.S.R., September 17-21, 1963] Materialy S"ezda travmatologov ortopedov SSSR. Vses.nauchn.med. ob-vo travmatologov-ortopedov, 1963. 211 p. (MIRA 18:4)

1. S"yezd travmatologov ortopedov SSSR. 1st, 1963. 2. Ministerstvo zdravookhraneniya SSSR(for Safonov).

BOGDANOV, F.R., prof.; FARNIYEVA, I.V., kand. tekhn. nauk; PUTILOVA, A.A., kand. med. nauk; BABAYEV, E.A., starshiy nauchnyy sotrudnik; LYSENKO, Ye.F., mladshiy nauchnyy sotrudnik; UKRAINETS, V.S., mladshiy nauchnyy sotrudnik

Basis for construction of rational prophylactic footwear for young children. Ortop.,travm. i protez. 25 no.2:13-20 F '64. (MIRA 18:1)

1. Iz Ukrainskogo instituta ortopedii i travmatologii (direktor - dotsent I.P.Alekseyenko) i Ukrainskogo instituta koshevenno-obuvnoy promyshlennosti (direktor - kand. tekhn. nauk G.V.Livyy). Adres avtorov: Kiyev, ul. Vorovskogo, d. 27, Institut ortopedii i travmatologii.

BOGDANOV, E.R., prof. (Kiyev, Vladimirskaya ul., d.9, kv.10); PODRUSHNYAK, Ye.P., kand. med. nauk

Gerontologic and geriatric prombems in orthopedics and traumatology. Ortop., travm. i protez. 25 no.6:3-9 Je '64. (MIRA 18:3)

1. Chlen-korrespondent AMN SSSR (for Bogdanov).

BOGDANOV, F.R., prof. (Kiyev 25, Vladimirskaya ul., d.9, kv.10); LITVINENKO, A.D., dotsent; BAYSHEVA, V.G.

Treatment of torpid wounds, trophic ulcers and chronic osteomyelitis with an antimicrobial preparation corinal. Ortop., travm. i protez. 25 no.7:22-25 Jl '64. (MIRA 18:8)

1. Iz kafedry ortopedii i travmatologii (zav. - prof. F.R.Bogdanov) Kiyevskogo instituta usovershenstvovaniya vrachey i kafedry mikrobiologii i antibiotikov (zav. - prof. M.N.Rotmistrov) Kiyevskogo universiteta. 2. Chlen-korrespondent AMN SSSR (for Bogdanov).

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