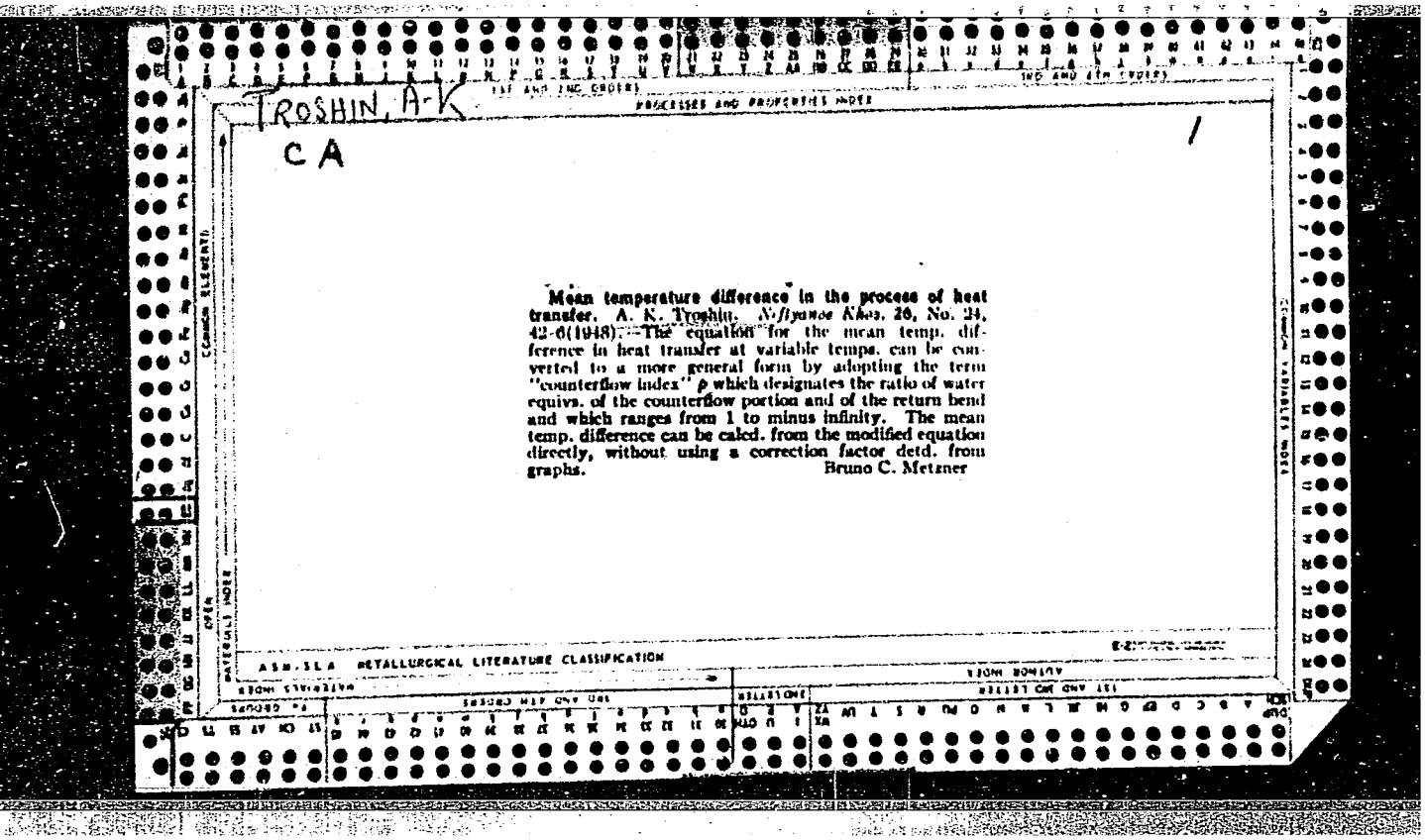
TROSHIN, A.K.

M.K. Sidorov's oil field on the Ukhta River. Trudy Inst. ist. est. i tekh. 33:211-215 '60. (MIRA 13:8)
(Ukhta Valley--Oil fields)

IMOSHIN, A. K. Cand. Tech. Sci.

Dissertation: "Investigation of the Coefficient of Heat Transfer on Cooling of Petroleum Products in a Reservoir." Moscow Order of the Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin, 15 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)



TROSHIN, A-K

CA

1

Mean temperature difference in the process of heat transfer. A. K. Troshin. *Nefyanoe Khoz.* 26, No. 24, 42-6(1948).—The equation for the mean temp. difference in heat transfer at variable temps. can be converted to a more general form by adopting the term "counterflow index" ρ which designates the ratio of water equivs. of the counterflow portion and of the return bend and which ranges from 1 to minus infinity. The mean temp. difference can be calcd. from the modified equation directly, without using a correction factor detd. from graphs.

Bruno C. Metzner

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TROSHIN, A.K.

Development and techniques of building petroleum pipelines in prerevolutionary Russia. Trudy Inst.ist.est.i tekh. 25:177-200 '59. (MIRA 13:4)
(Petroleum--Pipelines)

TROSHIN, A.K.

Steam heated evaporators and steam superheaters for propane and butane. Gaz. prom. 4 no.3:15-24 Mr '59. (MIRA 12:5)

(Liquefied petroleum gas) (Superheaters) (Evaporating appliances)

TROSHIN, A.K.

Beginning of the tanker transportation of petroleum. Trudy po ist. tekh. no.11:30-38 '54. (MLRA 7:9)
(Petroleum--Transportation) (Tank vessels)

TROSHIN, Anatoliy Konstantinovich; KUZIN, A.A., otv. red.; SKACHKOV, S.A., red. izd-va; RYLINA, Yu.V., tekhn. red.

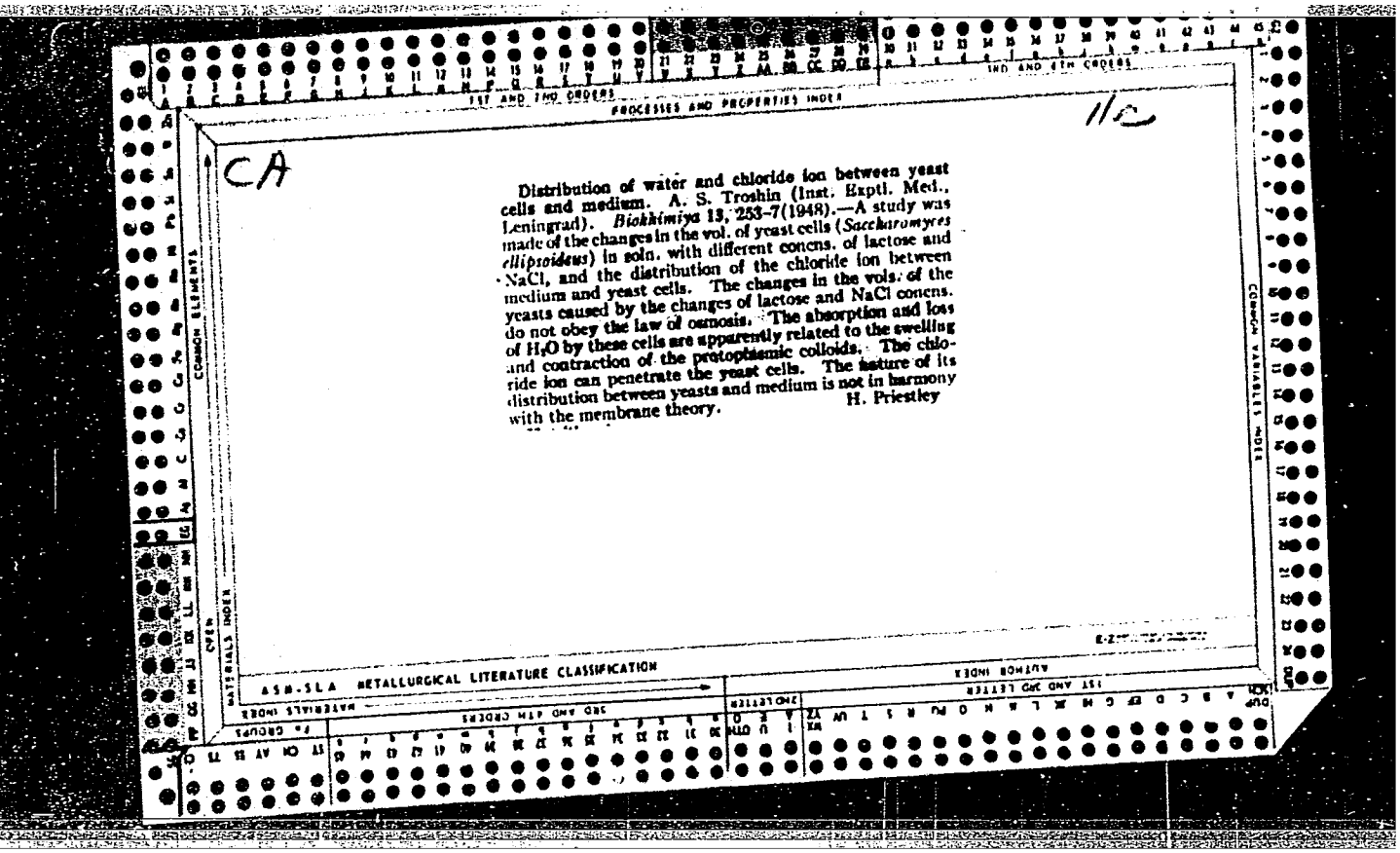
[Ivan Evstaf'evich Vlasov, a Russian voivode and mineralogist of the 17th century] Ivan Evstaf'evich Vlasov - voevoda - rudoznatets XVII v. Moskva, Izd-vo AN SSSR, 1963. 45 p. (MIRA 16:11)
(Mineralogists) (Vlasov, Ivan Evstaf'evich, 1628-1710)

CA

11/A

Distribution of sugars between cells and the surrounding medium. A. S. Troshin (Inst. Exptl. Med., Leningrad). *Biokhimiya* 16, 164-70(1951).—Yeasts were suspended in aq. solns. of lactose, and the amt. of sugar adsorbed was measured by its diminution in the medium. At a lactose concn. of 10.5% in the medium, the sugar concn. in the yeasts was 23% less. But at a lactose concn. of 0.13%, the sugar concn. in the yeasts was 7 times greater. The distribution of the sugars arabinose, galactose, and sucrose between the aq. medium and frog muscle was also measured. A similar relationship was found: a very high sugar concn. in the medium resulted in a lower sugar concn. in the muscle tissue, whereas a low sugar concn. in the aq. medium brought about an increased sugar concn. in the muscle, because of adsorption. These results are in disagreement with the membrane theory. H. Priestley

1951



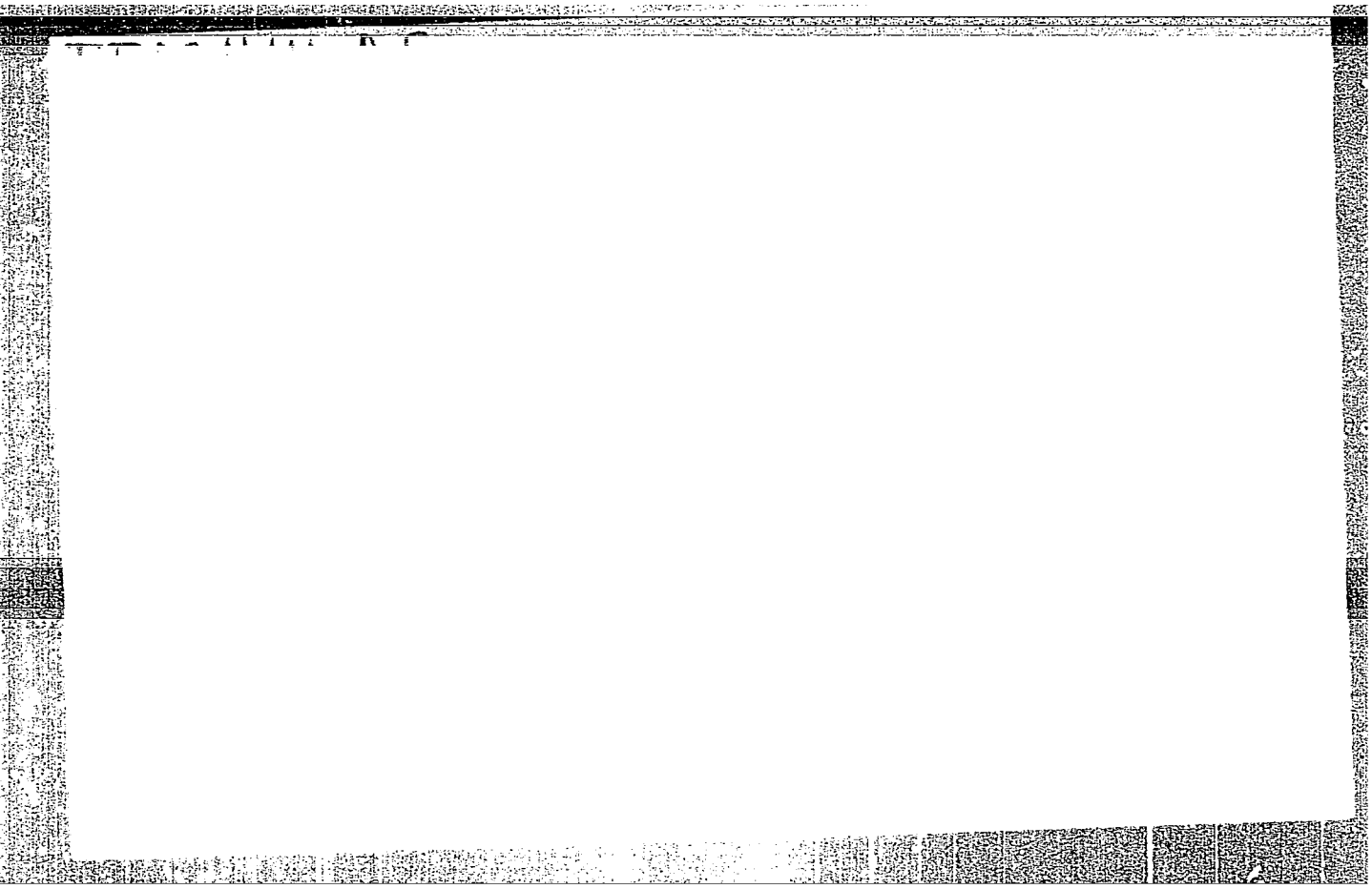
CA

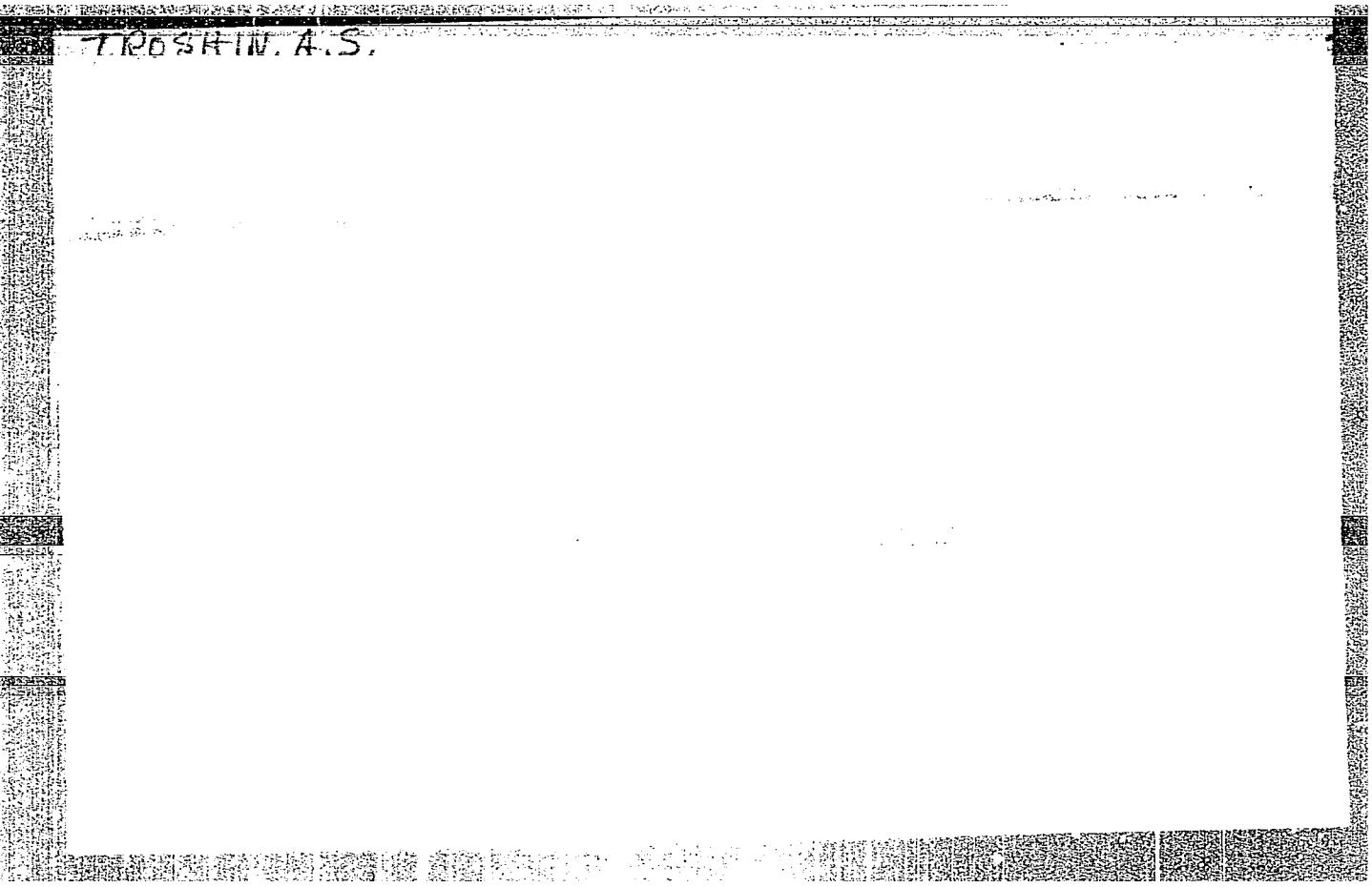
11C

Distribution of water and chloride ion between yeast cells and medium. A. S. Troshin (Inst. Exptl. Med., Leningrad). *Biokhimiya* 13, 253–7(1948).—A study was made of the changes in the vol. of yeast cells (*Saccharomyces ellipsoideus*) in soln. with different concns. of lactose and NaCl, and the distribution of the chloride ion between medium and yeast cells. The changes in the vols. of the yeasts caused by the changes of lactose and NaCl concns. do not obey the law of osmosis. The absorption and loss of H_2O by these cells are apparently related to the swelling and contraction of the protoplasmic colloids. The chloride ion can penetrate the yeast cells. The nature of its distribution between yeasts and medium is not in harmony with the membrane theory.

H. Priestley

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"





TROSHIN, A.S.

Regulation of the water content in protoplasm. Trudy Zool.inst. 13: 420-433 '53. (MLRA 7:5)
(Protoplasm)

TROSHIN, A. S.

IL'INSKAYA, N.B.; TROSHIN, A.S.

Tagging flies and mosquitoes with radioactive phosphorus. Zool. zhur. 33 no.4:841-847 Jl-Ag '54. (MLRA 7:8)

1. Zoologicheskiy institut SSSR.
(Phosphorus--Isotopes) (Mosquitoes) (Flies)

TROSHIN, A. S.

USSR/Biology - Zoology

Card 1/1 : Pub. 22 - 35/41

Authors : Rodina, A. G., and Troshin, A. S.

Title : Use of marked atoms in studying the feeding of water animals

Periodical : Dok. AN SSSR 98/2, 297-300, Sep 11, 1954

Abstract : A method for determining the degree of utilization, by water animals, of one and the same element from an aqueous medium and from prepared feed and the rate of combining this element with the body tissues of the animals, is described. Five references: 4-USSR and 1-USA (1940-1950). Tables; graphs; illustrations.

Institution : Academy of Sciences USSR, Zoological Institute

Presented by : Academician E. N. Pavlovskiy, May 22, 1954

TROSHIN, A.S.

USSR/ Biology - Hydrobiology

Card 1/1 : Pub. 22 - 42/49

Authors : Rodina, A. G., and Troshin, A. S.

Title : Behavior of phosphorus brought into pond water with plant fertilizers

Periodical : Dok. AN SSSR 98/4, 665-668, Oct. 1, 1954

Abstract : Data on the behavior of P brought into pond water together with plant fertilizer are presented. Two references: 1-USSR and 1-USA (1950 and 1952). Graphs; illustrations.

Institution : Academy of Sciences USSR, Zoological Institute

Presented by : Academician E. N. Pavlovskiy, July 16, 1954

TROSHIN,A.S.; NASONOV,D.N., professor, redaktor; ZHIRMUNSKIY,A.V., redaktor; ARONS,R.A., tekhnicheskiy redaktor

[Problem of cellular penetrability] Problema kletochnoi pronisaemosti. Moskva, Izd-vo Akademii nauk SSSR, 1956. 474 p. (MLRA 9:3)

1. Chlen-korrespondent AN SSSR (for Nasonov)
(Cells)

COUNTRY : USSR
CATEGORY : General Biology. B
Physical and Chemical Biology.
ABS. JOUR. : RZhBiol., No. 5, 1959, No. 18981

AUTHOR : Troshin, A. S.
INST. : AS USSR.
TITLE : The Method of Radioactive Indicators and Its Application in Hydrobiology.

ORIG. PUB. : Zhizn' presnykh vod SSSR. 4, ch. 1. M.-L., AN SSSR, 1956, 414-437

ABSTRACT : With sufficient completeness which is meant for the non-expert in isotope methods of investigation, the author gives an account of radioactive isotopes, calculating-radiometrical apparatuses, and the principles of recording quantities of ionizing radiation. A table is presented which contains the characterization of the radioisotopes of 30 elements which are of most interest to hydrobiologists. Considerable space is devoted to the methods of pre-

CARD: 1/3

COUNTRY : USSR B
CATEGORY :

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

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : paring samples of radioactive substances and to their measurements, taking into consideration their initial activity, geometrical conditions, self-absorption, and measurement errors. The method of the organisms' radioautography is described, of their tissue's microscopic sections and of small animals and plants. Within the scope of hydrobiological problems which may be solved by radioactive indicators, the author points to the rotation of substances in water reservoirs and the marking of water animals.

Card: 2/3

COUNTRY : USSR
CATEGORY :

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

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : Introducing a marked substance into the reservoir permits to observe its distribution among the various reservoir components. The method of finding the coefficients which determine the distribution of the radioactive substance in the organism and in the environment is described. -- G. G. Polikarpov

CARD: 3/3

TROSHIN, A.S.; ZHADIN, V.I.

Radiotagging of the vimba and chalcalburnus as a method for determining the effectiveness of work at the vimba-chalcalburnus nursery. Trudy probl. i tem. sov. no.7:57-61 '57. (MLRA 10:4)
(Psekups Valley--Fish tagging) (Carp) (Phosphorus--Isotopes)

TROSHIN, A.S.

Bound and free sodium in skeletal muscles of the frog [with summary in English]. Biofizika 2 no.5:617-627 '57. (MIRA 10:11)

1. Zoologicheskiy institut AN SSSR, Leningrad.
(MUSCLE) (SODIUM IN THE BODY)

AUTHOR: Troshin, A. S., Doctor of Biology SOV/30-58-7-22/49

TITLE: News in Brief (Kratkiye soobshcheniya) The Second International Conference on the Mechanism of Stimulation (Vtoroye mezhdunarodnoye soveshchaniye po mekhanizmu vozbuzhdeniya)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 7, pp. 1o3 - 1o4 (USSR)

ABSTRACT: The conference was held at the Humboldt-University (Universitet im. A. Gumbol'dta) in Berlin, in the DDR (German Democratic Republic)(GDR) from March 31 to April 2. It was attended by physiologists, biochemists and biophysicists, who with respect to the mechanism of stimulation, take two different views. One group proceeds from the albumin theory developed by D.N.Nasonov and his students. The other group relies on the principles of the diaphragm theory proposed by A.Hodgkin, and the Cambridge School(kembridzhskaya shkola) of physiologists. 24 reports were submitted. They are partly listed below:
1)V.Ya.Aleksandrova (USSR) on the Albumin Theory of Injury and Stimulation.
2)B.N.Tarusov (USSR) on Electrical Parameters of the Cells in

Card 1/3

D. TROSIN

"The works of I. Stalin on linguistics and their importance for the natural sciences." Tr. from the Russian. p. 5. (ANALELE ROMANO - SOVIETICE. SERIA BIOLOGIE., Vol. 7, seria a II-a, no. 14, July/Sept. 1952, Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.

P. T. A.

Math. & Natural Sciences

531.78

162

Troskalanski A., Vorbrodt T. **On the Theoretical Principles for the Construction of Differential Vessel Manometers with Second Root Insert.**

„O podstawach teoretycznych konstrukcji manometrow roznicowych, naczyniowych ze wstawka pierwiastkujaca". Przeglad Mechaniczny No. 1–3, 1950, pp. 35–44,10 figs., 1 tab

Theoretical principles for the construction of differential vessel manometers with second root insert, used for measurements of the intensity of flow through flanges, nozzles and Venturi meters. Principle of such measurements. Profile determination of the second in-

sert. Monometer with partly cut away insert. Monometer with second root insert and conical passage.

TROSKIN, A.V.; LYUBIMOV, M.V., master; SUCHKOV, I.M., master.

Increasing the speed of automatic looms with Jacquard attachments. Tekst.prom. 16 no.3:41-42 Mr '56. (MLRA 9:6)

1.Nachal'nik tkatskogo tsekha fabriki imeni Negina (for Troskin). (Looms) (Jacquard weaving)

TROSKIN, D M

EPP
.R92944

O KORENNOY PROTIVOPOLOZHNOSTI DVUKH DONTSEPTSIY RAZVITIYA. MOSKVA, IZD-VO ZNANIYE, 1952.

37 P. (VESESOYUZNOYE OBSHCHESTVO PO RASPROSTRANENIYU POLITICHESKIKH I NAUCHNYKH ZNANIY. 1952, SERIYA I, NO. 73)

RUSSIA

Troskenskiy, D.P.

USSR/Optics - Potometry. Colorimetry K-10

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 13182

Author : Troskenskiy, D.P.

Inst : Moscow Electric Bulb Plant, USSR

Title : Dependence of the Spectral and Color Characteristics of Fluorescent Bulbs on the Pressure of the Argon and on the Diameter of the Tubes.

Orig Pub : Svetotekhnika, 1956, No 2, 22-25

Abstract : It is shown that the color radiated by a fluorescent bulb can change by changing the color of the glow of the gas discharge, passing through the layer of the phosphor, by varying the conditions under which the discharge takes place in the mercury vapor, and that the color depends, in particular, on the pressure of the argon and on the diameter of the tubes. It is shown that it is possible to

Card 1/2

TROS'KO, I.K.; DANILIK, V.N.

Using tree tapping to obtain oleaster gum. Gidroliz. i lesokhim. prom. 9 no.4:26-27 '56. (MLRA 9:11)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut lesnokho khozyaystva.
(Gums and resins) (Tree tapping)

TROS'KO, I.K.

USSR (600)

Forests and Forestry -- Central Asia

Improvement of mountain forests., Priroda, no. 2, 1952

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

USSR/Cultivated Plants - Subtropical. Tropical. M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15858

Author : I.K. Tros'ko
Inst : -
Title : Methods of Increasing the Pistachio Yield. (Metody povysheniya urozhayev fistashki).

Orig Pub : Sots. s. kh. Uzbekistana, 1956, No 7, 75-77

Abstract : A considerable portion of the pistachio plantings of Central Asia, sometimes up to 70%, turn out to be functionally male plants. The inoculation of eye buds with female plants from local high yielding varieties is recommended.

Card 1/1

TROS'KO, I. K.

USSR (600)

Reforestation

Improvement of mountain forests. Priroda no.2, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

BELOBORODOV, V.V., inzh.; TROS'KO, V.I.

Utilization factor of a vertical screw conveyor extractor. Masl.-zhir.prom. 24 no.5:13-14 '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Beloborodov). 2. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Tros'ko).
(Extraction apparatus) (Oil industries--Equipment and supplies)

TROSKOLANSKI, A.T., prof. dipl. ing. (Warsaw)

Cavitation theory of jet pumps operating on homogenous liquids. Gep 17 no.1:31-35 Ja '65.

TWORCZANSKI, A.

Some basic terms of hydromechanics and hydraulic measurements; a collective work of the former Committee on Terminology of Theoretical Mechanics and Hydromechanics of the Polish Board of Standerdization, p. 617. (POLSKI KOMITET NORMALIZACYJNY, Warszawa, Vol. 22, no. 10, Oct. 1954.)

SO: Monthly List of East European Accessions, (EEAL), Lc, Vol. 4, No. 6, Jun. 1955, Uncl.

MARKMAN, A.L., doktor khimicheskikh nauk; TROS'KO, U.I., inzh.;
Prinimali uchastiye KONEVA, Ya.A.; SHCHEBEL'NIKOVA, G.I.

Refining cottonseed oil in micelle. Masl.-zhir. prom. 27
no.12:12-16 D '61. (MIRA 14:12)

1. Institut khimii rastitel'nykh veshchestv AN USSR.
(Cottonseed oil)

MARKMAN, A.L., doktor khimicheskikh nauk; TROS'KO, U.I., inzh.; Prinimali uchastiye: KONEVA, Ya.A.; SHCHEBEL'NIKOVA, G.I.

Refining of cottonseed oil in a micelle. Report No.2. Masl.-zhir.prom. 28 no.3:18-20 Mr '62. (MIRA 15:4)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.
(Cottonseed oil)

RZHEKHIN, V.P., kand.tekhn.nauk; BELOVA, A.B., inzh.; TROS'KO, N.I., inzh.; KONEVA, Ya.A., inzh.; BORSHCHEV, S.T., inzh.; VLASOV, V.I., inzh.; ROZENSHTEYN, G.V., inzh.; TADZHIBAYEV, G.T., inzh.

Separation of gossypol from prepassed oils and micelles with anthranilic acid. Masl. - zhir. prom. 27 no.8:26-29 Ag '61. (MIRA 14:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Rzhekhin, Belova). 2. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Tros'ko, Koneva). 3. Kokandskiy maslozhirovoy kombinat (for Borshchev, Vlasov, Rozenshteyn, Tadzhibayev).

(Gossypol) (Anthranilic acid) (Oils and fats)

TROS'KO, U.I., inzh.; KONEVA, Ya.A.

Problems in the refining of cottonseed oil in micella. Masl.-zhir.prom. 26 no.2:14-16 F '60. (MIRA 13:5)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov.
(Cottonseed oil)

SERGEYEV, A.G., kand.tekhn.nauk; STERLIN, B.Ya., kand.tekhn.nauk; TROS'KO, V.I., inzh.; SHATOV, N.K., inzh.; VLASOV, V.I., inzh.; PEREPELYUK, N.D., inzh.

Refining of cottonseed oil in a micella. Maśl.-zhir.prom. 26 no.12: 30-32 D '60. (MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov (for Sergeyev, Sterlin). 2. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Tros'ko). 3. TSentral'noye konstruktorskoye byuro Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Shatov). 4. Kokandskiy maslozhirovoy kombinat (for Vlasov). 5. Farganskiy maslozhirovoy kombinat (for Perepelyuk).
(Cottonseed oil)

TROSKOLANSKI, A.

Theoretical standards and their significance in the develppement of standardiaation. p. 380. DZIENNIK URZEDOWY.

Wiadomosci

Warszawa

Vol 22, no 7, July 1955

Source: East European Accessions List (EEAL), LC, Vol 5, no 3, March 1956

PRUSKLANSKI, A.

Standardization of short Venturi tubes, p. 640. (POLSKI KOMITET NORMALIZACYJNY, Warszawa, Vol. 22, no. 10, Oct. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

[illegible], A.

Method of measuring the intensity of flow, p. 609. (POLSKI KOMITET NORMALIZACYJNY, Warszawa, Vol. 22, no. 10, Oct. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 16, Jan. 1955, Uncl.

TROSKOLANSKI, Adam Tadeusz, prof.

"Pumps" by Fuchslocher, Schulz. Reviewed by Adam Tadeusz Troskolanski. Przegl mech 22 no.21:679 10 N '63.

TROSTNIKOV, V.N.

21(3) PHASE I BOOK EXPLOITATION SOV/3141

Orlov, Vasiliy Ivanovich, Engineer, and Viktor Nikolayevich Trostnikov, Engineer

Sinkhrofazotron na 10 milliardov elektronovol't (A 10 Bev Proton Synchrotron) Moscow, Izd-vo "Znaniye," 1959. 31 p. (Series: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy. Seriya IX, 1959, no. 22) 37,000 copies printed.

Sponsoring Agency: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy.

Ed.: I. B. Faynboym; Tech. Ed.: Ye. V. Savchenko.

PURPOSE: This booklet is intended for the general reader interested in nuclear accelerators and other equipment used in elementary-particle acceleration.

COVERAGE: The book explains the reasons for constructing the 10 Bev proton synchrotron at the United Institute for Nuclear Research (USSR), and also states some difficulties encountered in setting up the equipment. Written in non-technical language, the booklet's intent is more to stimulate interest in the nuclear accelerator than to describe its characteristics in any great

Card 1/3

A 10 Bev Proton Synchrotron SOV/3141

detail. The photographs show: part of the circular electromagnet (fig. 1); the injection system (fig. 2); the alignment system (fig. 3); the electromagnet power-supply unit (fig. 4); light scheme of the remote control panel (fig. 5); a characteristic nuclear "star" (fig. 6); and the building which houses the proton synchrotron (fig. 7). The last chapter discusses accelerators of the future which will be based upon new methods proposed by the following Soviet scientists, and which are already in the theoretical and experimental stages: V. I. Veksler, the coherent method; G. I. Budker, the beam-stabilization method; and Ya. B. Faynberg, the plasma-wave method. The author names V. I. Veksler, F. A. Vodop'yanov, D. V. Yefremov, L. P. Zinov'yev, A. A. Kolomenskiy, Ye. G. Komar, A. L. Mints, N. A. Monoszon, S. M. Rubchinskiy, V. A. Petukov, M. S. Rabinovich, and A. M. Stolov as having won the Lenin Prize in April 1959 for creating this machine. No references are given.

TABLE OF CONTENTS:

Card 2/3

AVAILABLE: Library of Congress

Card 3/3

TM/os
2/5/60

10

PTA

1283

Troskolański A. **The Testing of Various Types of Water Meters.** 628.14 : 531.732
„O sposobie badania typów wodomierzy wodociągowych". Gaz, Woda i Technika Sanitarna. No. 7—8, 1951, pp. 209—220. 7 figs.

Water meter tests comprise: 1) constructional test; 2) test of materials used in the construction, due consideration being given to the problem of corrosion occurring within the meter, to the problem of using dielectric materials for certain meter parts, as well as to the problem of inflation phenomena in certain component elements; 3) examination of manufacturing methods and workmanship, together with hermetic seal test; 4) hydraulic test.

TROSKOLANSKI, A.

Manometric water gauges.

p. 339 (Pomiary, Automatyka, Kontrola) Vol. 2, no. 9, Sept. 1956, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

Distr: 4F1

5023. Troskolański, A. T., Principles of fluid mechanics in cylindrical coordinates (in Polish), *Archiwum Hydrotechniki, Warsaw* 5, 1, 39-80, 1958.

Cylindrical coordinates are particularly convenient for the study of axially symmetrical flow. They were applied by Prašil in 1903, by Lorenz in 1910, by Witoszyński in 1916, and by author in his "Applied hydromechanics" in 1951 [AMR 9 (1956), Rev. 482]. Author demonstrates the application of this system to three-dimensional, rotational and irrotational, symmetrical two-dimensional and one-dimensional flow. Theorems by Thomson and by Helmholtz are checked. A thorough and lucid study.

S. Kolszella, USA

TROSKOLANSKI, Adam Tadeusz, prof. inz.; JEZOWIECKA-KABSCH, Krystyna, mgr inz.

Calculation of fluid ejectors based on power equations. Gaz woda techn sanit 37 no.8:251-254 Ag '63.

1. Department of Mechanics of Liquids and Gases, Technical University, Wroclaw.

TROSKOLANSKI, Adam Tadeusz, prof. inz.

Hydraulic rotary machines; a basis for their classification.
Energetyka Pol 14 no.6:190-191 Je '60. (EEAI 10:1)
(Hydraulic machinery)

TROSKOLANSKI, [illegible]
ADAM TADEUSZ TROSKOLANSKI

POLAND / Chemical Technology. - Checking and Measuring Devices. H-3
Automatic Regulation. Chemical Products and Their
Application. Part 1.

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 11634.

Author : Adam Tadeusz Troskolanski.

Inst : Not given

Title : Pneumatic Level Gauge.

Orig Pub : Pomiary, automat., kontrola, 1957, 3, No 1, 6 - 8.

Abstract : The theoretical fundaments, the principles of action and the description of construction of pneumatic measurers of liquid levels with periodical and continuous air supply and with membranes are presented.

Card 1/1

TROSKOLANSKI, ADAM TADEUSZ.

Hydromechanika techniczna. (Wyd. 1,) Warszawa, Panstwowe Wydawn. Techniczne. (Technical hydromechanics. 1st ed. illus., bibl., diagrs., graphs, indes, tables)

Vol. 3. (Water measurement) 1957. 662 p.

SO: Monthly Index of East European Accessions (EEAI) Lc. Vol. 7, no. 4, April 1958

TROSKOLANSKI, A. T., prof.; JUNIEWICZ, S., dr., inz.

"Bibliography of hydrometry" by Stephanos Kolupaila. Reviewed by A. T. Troskolanski and S. Juniewicz. Gosp wodna 22 no.1:27 '62.

TROSKOLANSKI, Adam Tadeusz, mgr.,inz., prof.

The theory of cavitation in liquid jet apparatus. Inzynieria sanitarna no.45:3-27 '61.

1. Kierownik Katedry Mechaniki Cieczy i Gasow, Politechnika Wroclawska.

TROSKOLANSKI, A.T.

POLAND / Chemical Technology Chemical Products and Their Application, Part 1. - Checking and Measuring Devices, Automatic Control. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61279.

Author : Adam Tadeusz Troskolanski.
Inst : Not given.
Title : Velocity Indicators by Pressure.

Orig Pub: Pomiary automat., kontrola, 1957, 3, No 7, 267 - 272.

Abstract: A comparison of physical bases of work and characteristic properties of two methods of measuring the local velocity of flow of liquid was carried out. The methods are: a/ by means of hydrometrical wheels with blades, and b/ by means of pressure devices (PD) of the Pitot pipe type and its modifications (Prandtl, D'arcy,

Card 1/2 3

POLAND / Chemical Technology, Chemical Products and Their Application, Part 1. - Checking and Measuring Devices, Automatic Control. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61279.

Abstract: Baumgarten pipes etc.) The advantages and the universality of PD-s classified as pipe, cylindrical, spherical and fingered are substantiated. Schemes and brief descriptions of various PD-s, equations for the computation of flow velocities, data concerning the effect of viscosity, turbulence and pulsation of the liquid measurements, accuracy limits of measurements and sources of possible errors are presented. Bibliography with 15 titles.

Card 2/2

TROSKOLAŃSKI, A.

Hydrologic Laboratory of the Breslau Polytechnic. (To be contd.)

p. 362 (Gaz, Woda I Technika Sanitarna. Vol. 31. no. 10, Oct. 1957. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

TROSKOLANSKI, A.

"Law of hydromechanical similarity," Gaz, Woda I Technika Sanitarna, Warszawa, Vol 28, No 9, Sept. 1954, p. 271.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

TROSKOLANSKI, A.

Polish Technical Abst.
No. 1 1954
Mechanics, Electrotechnics,
Power

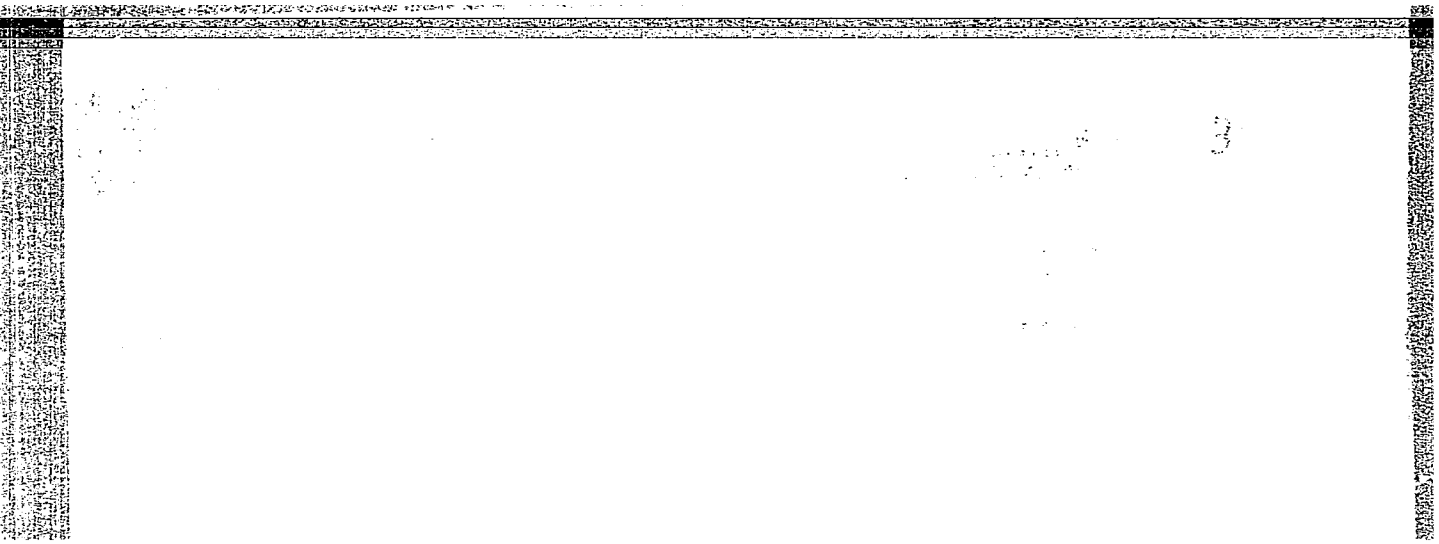
2606

621.67+621.24 : 531.112.1

Troskolański A.: **On the Discriminant of the Running Speed of Rotodynamic Water Machines.**

„O wyróżniku szybkobieżności rotodynamicznych maszyn wodnych". Przegląd Mechaniczny. No. 1, 1953, pp. 25—27, 2 tabs.

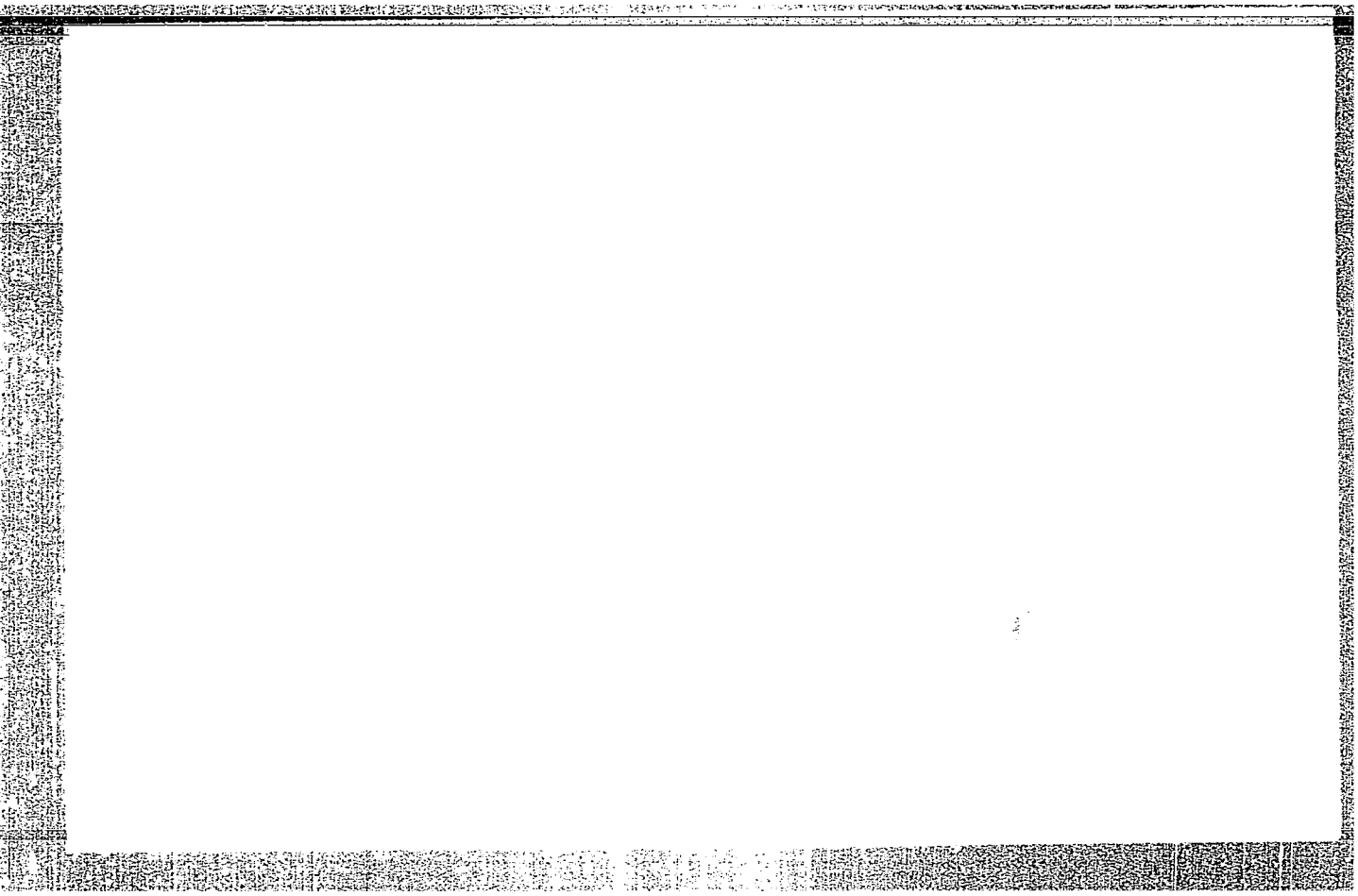
In technical literature, dealing with water turbines and rotodynamic pumps, there are divergencies in determining the running speed of the rotors of rotodynamic machines. This paper indicates the expediency of relating the discriminant of running speed to a geometrically similar machine with a permeability or efficiency equal to one.



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"

TROSKOLANSKI, Adam Tadeusz, prof. inz.

Principles of the acceptance tests of hydraulic turbines. Energetyka Pol 13 no.11/12:314-319 N-D '59. (EEAI 9:7)
(Hydraulic turbines)



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"

TROSKOLANSKI, ADAM TADEUSZ

Mathematical Reviews Vol. 14 No. 7 July - August, 1953 Mechanics.

*Troskolański, Adam Tadeusz. Hydromechanika techniczna. Tom I. Hydromechanika racjonalna. [Technical hydromechanics. Vol. I. Rational hydromechanics.] Państwowe Wydawnictwa Techniczne, Warsaw, 1951. xx + 352 pp. Zl. 40

A textbook of hydrodynamics for engineering students. Table of contents: Introduction; Hydrostatics; Dynamics of ideal fluids; Dynamics of real fluids. A useful appendix provides the Russian, English, French, and German equivalents of Polish technical terms.

LB 8/6/54

TROSKOLANSKI, ADAM TADEUSZ

Mathematical Reviews
Vol. 14 No. 7
July - August, 1953
Mechanics.

Troskolański, Adam Tadeusz. Hydromechanika techniczna. Tom I. Hydromechanika racjonalna. [Technical hydromechanics. Vol. I. Rational hydromechanics.] Państwowe Wydawnictwa Techniczne, Warsaw, 1951. xv+352 pp. Zł. 40.

A textbook of hydrodynamics for engineering students. Table of contents: Introduction; Hydrostatics; Dynamics of ideal fluids; Dynamics of real fluids. A useful appendix provides the Russian, English, French, and German equivalents of Polish technical terms.

TROSKOLANSKI, A.

2401 001.4:193.2:621.65/.67

Troskolanski A. Pumps and Equipment for the Lifting of Liquids. Pompy i urzadzenia do podnoszenia cieczy. Wiadomosci PKN. No. 11, 1952, pp. 830--837, 30 figs.

There is hardly another branch of engineering which revals such chaos in definitions and terms as does that which is concerned with the consturction of pumps and quipment for the lifting of liquids. This state of affaris is entirely due to the wide and varied range of systems, types and designs of pumps, existing because of exceptional diversity of purposes for which the pumps are intended and of the varied conditions in which they operate, The fact that professional literature--both Polish and foreigh--has ignored the problems of classification in this line of engineering has, together with the misconceived classification criteria which for many years were predominent in foreign--particularly German--literature, been a serious handicap to the compilation of a rational system of classification. The project advanced by the author is an attemp to draw up, on a scientific basis, a classification of pumps and equipment for the lifting of liquids.

Polish Technical Abst. No. 4, 1953 Mechanics, Electrotechnics, Power

TROSKOLANSKI, A.T.

(1) Ind mg

Polish Technical Abst.
No. 4, 1953
Mechanics, Electro-technics, Power

2432 744.4.531.8:621.0

Mechanik—Engineers' Compendium. A collective work, edited by A. T. Troskolanski. Vol. 2, part 3, edition thoroughly revised
Poradnik techniczny Mechanik. Warszawa, 1953, PWT, 32°, 244 pp., 163 figs.
Contents: 1) Technical drawing—definition and varieties of technical drawings; technical machine drawings and principles of execution; technical building drawings; technical electrical drawings and various other forms of drawings. 2) The theory of mechanism—basic conception. Structure and classification of mechanism. Principles of mechanisms synthesis. Graphic methods of kinematic analysis of mechanisms. Cam mechanisms. Kinetostatics of mechanisms. Analytical methods of kinematic analysis of mechanisms.

TROSHKOV, A.A., kand. med. nauk.

Skin grafting in treating elephantiasis. Ortop. travm. protez., Moskva 19 no.6:81 N-D '58. (MIRA 12:1)

1. Iz L'vovskogo nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - dots. D. G. Petrov) i kliniki fak. khirurgii san.-gig. i pediatr. fakul'tetov (zav. kafedroy - prof. V. I. Akimov) L'vovskogo meditsinskogo instituta.
(ELEPHANTIASIS)

TROSHKOV, A.A., kand.med.nauk (L'vov)

Etiology of elephantiasis of the lower extremities. Klin.med. 36 no.6:135-136 Je '58 (MIRA 11:7)

1. Iz kafedry fakul'tetskoy khirurgii sanitarno-gigiyenicheskogo i pediatricheskogo fakul'tetov (zav. - prof. V.I. Akimov) L'vovskogo meditsinskogo instituta (dir. - doktor med.nauk L.N. Kuzmenko) i klinicheskogo otdela L'vovskogo nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - dots. D.G. Petrov, nauchnyy rukovoditel' - prof. I.L Fedorov).

(LYMPHEDEMA, etiol. & pathogen.
of legs (Rus))
(LEGS, dis.
lymphedema, etiopathegen. (Rus))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"

TROSKUNOV, Ya., inzh.; LITVINENKO, Yu. P., inzh.

Improving rolling techniques at the Stalinsk Metallurgical Plant.
Biul. TSNIICHM no. 9:22-26 '58. (MIRA 11:7)
(Stalinsk--Rolling(Metalwork))

TROSKUNOV, Ya.L.; LITVINENKO, Yu.P.

New grooving for the rolling of steel bulb bars. Biul. TSIICHM no.2:36-39 '61. (MIRA 14:9)

1. Stalinskiy metallurgicheskiy zavod.
(Rolling (Metalwork))

SOV/137-58-11-22137

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 44 (USSR)

AUTHORS: Yavoyskiy, V. I., Chernega, D. F., Telesov, S. A., Troskunov, Ya. L., Ofengenden, A. M., Bekker, N. I.

TITLE: D-C Degassing of Steel in Ladles and Molds (Degazatsiya stali v kovshakh i izlozhnitsakh pri pomoshchi postoyannogo elektricheskogo toka)

PERIODICAL: Sb. Mosk. in-t stali, 1958, Vol 38, pp 209-225

ABSTRACT: Carbon and low-alloy steels (65G, 55S2, 10G2A, Nr 45, and others) were the objects of investigation. In degassing in molds, either the graphite nozzle or the stool serves as anode, while a graphite electrode immersed in the mold serves as cathode. Current is transmitted for 10-30 min, usually immediately after the ingot is poured. The ingots are 3.1-3.4 t in weight. Samples of the metal (Me) for H determination by the Batalin method are taken from the test ingot and the next one adjacent thereto (the control ingot). Seven ingots were treated in this manner. Increase in current density from 0.06 to 0.17 amps/cm^2 raises the [H] in the top of the test ingot to more than in the control ingot. The difference in [H] attains 15.84

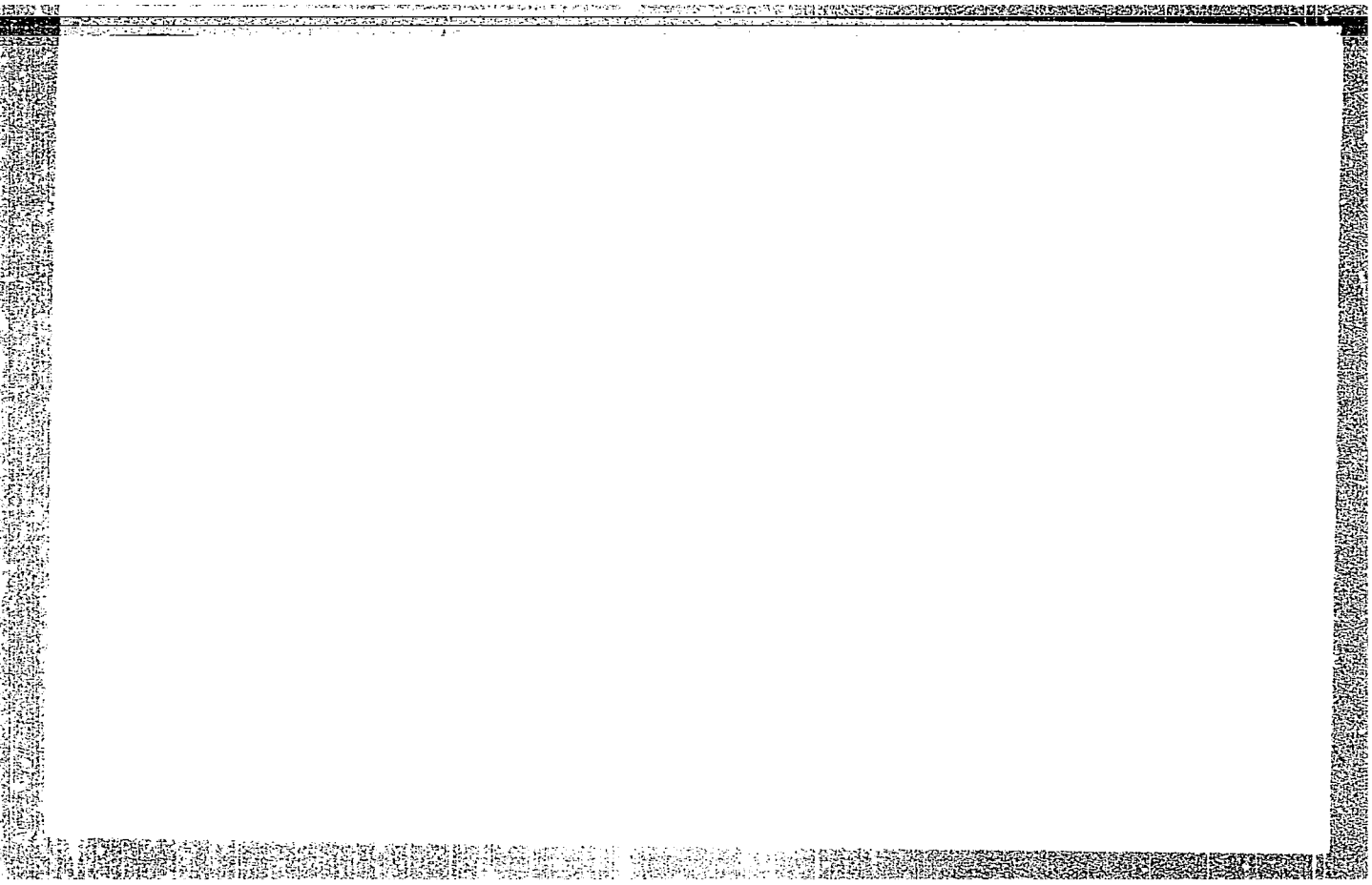
Card 1/2

$cm^3/100$ g. Samples of Me taken from rolled ingots (100-160 mm diam) testify to positive segregation of H, a uniform distribution of [N], and some improvement in macrostructure. When Me is degassed in 125-t ladles, the current is delivered through carbon coils mounted on dummy stoppers. The current, of 0.02-0.25 $amps/cm^2$ density, is transmitted either while the metal is in the ladle or then and, in addition, when it is poured. 12 heats were run. Samples of Me were taken during pouring from the molds. In the experimental heats, the [H] in the ladle was reduced relative to the [H] before tapping by 1.5-2 $cm^3/100$ g and was 0.5-1.0 $cm^3/100$ g lower than in ordinary heats. The Me treatment thus described does not affect the content and distribution of N, O, or nonmetallic inclusions.

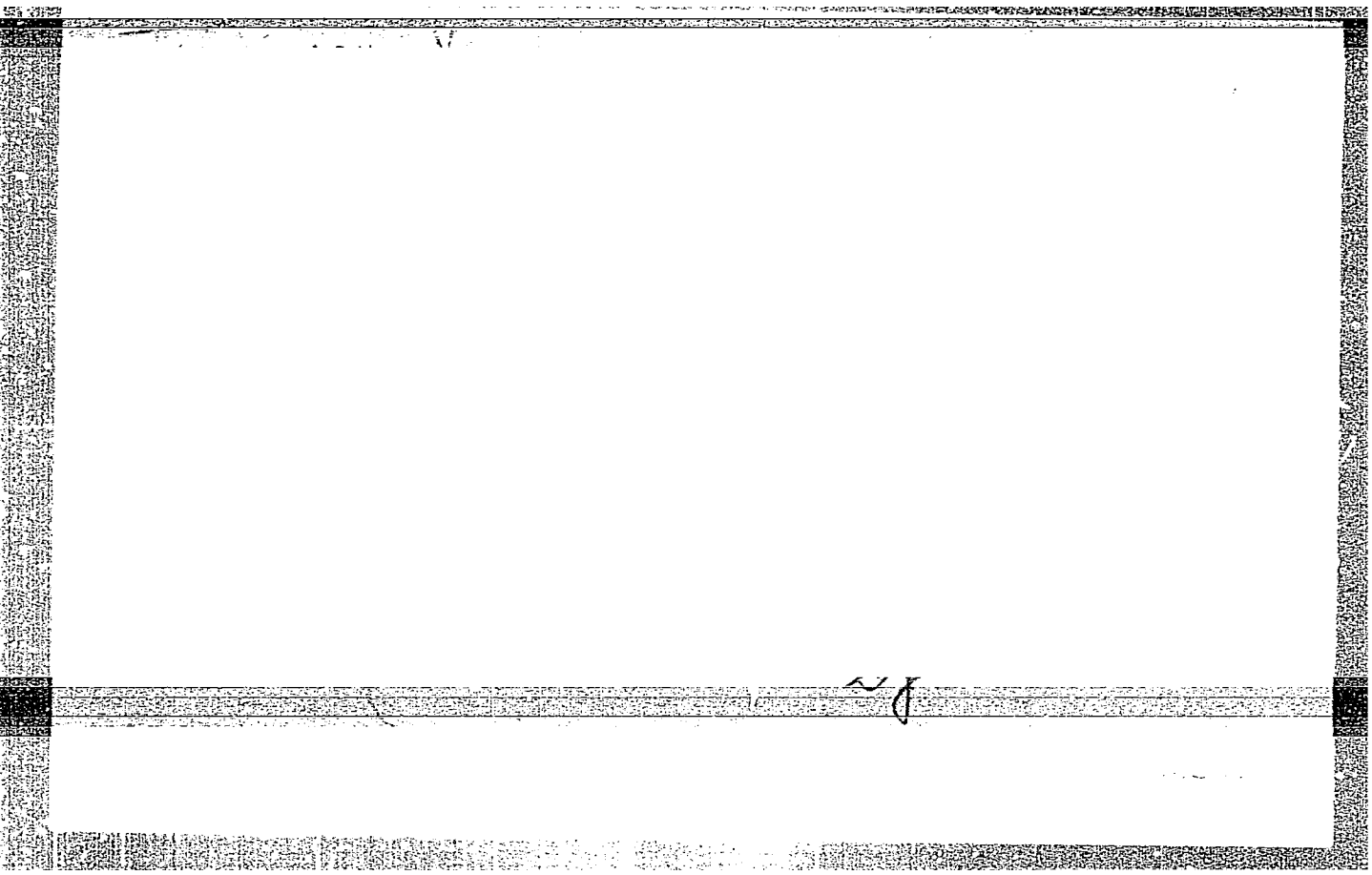
A. S.

YAROYSKIY, V.I., prof., doktor tekhn. nauk; CHERNEGA, D.F., inzh.; TELESOV, S.A., inzh.; TROSKUNOV, Ya.L., inzh.; FENGENDEN, A.M., inzh.; BEKKER, I.I., inzh.

Degasifying steel in ladles and molds by means of direct electric currents. Sbor. Inst. stali no.38:209-225 '58. (MIRA 11:8)
(Gases in metals) (Electric currents)



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"



SHAYKIN, I.M., kandidat tekhnicheskikh nauk; TELESOV, S.A., inzhener.
TROSKUNOV, Ya.L., inzhener; OFENGENDEN, A.M., inzhener.

Low-alloy reinforcing steel. Stal' 16 no.2:157-160 F '56.
(MLRA 9:5)

1. VNIIzhelezobeton, Stalinskiy metallurgicheskiy zavod.
(Steel, Structural)

Troskunov, Ya. L.

137-58-3-5920

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 209 (USSR)

AUTHORS: Voronova, N. A., Gutman, M. R., Troskunov, Ya. L., Armen, B. D., Leppeta, B. G.

TITLE: Low Carbon Cast Iron Rolls (Prokatnyye valki iz nizkouglerodistogo chuguna)

PERIODICAL: Tr. In-ta chernoy metallurgii. AN UkrSSR, 1957, Vol 11, pp 196-214

ABSTRACT: An account of the results of an investigation performed on rolls made of low-carbon cast iron (LCI). The LCI was obtained by blowing oxygen through Cr-Ni cast iron in a converter with a 2.5 t capacity. Rolls 515 mm, 480 mm, and 400 mm in diameter were cast into a lubricated metallic mold at temperatures between 1360°-1400°C. Two versions for the modification of LCI in the converter were investigated: Fe-Si of the SI-45 type and Si-Ca. After the Fe-Si processing of LCI containing 0.6-0.8 percent Si and 0.8-0.9 percent Cr, no carbon remained in free state, whereas after Si-Ca treatment most of the C was in the form of graphite. Compared with the LCI with Fe-Si, the LCI with Si-Ca exhibits better fluidity. In order to

Card 1/2

Low Carbon Cast Iron Rolls

attain an H_B of 380-400, it is recommended that the rolls be cast at temperatures of 1360°-1400° with cast iron of the following chemical composition: in the case of Fe-Si treatment: 2.4-2.6 percent C_{tot}; 0.9-1.0 percent Si; 0.5-0.6 percent Mn; 0.8-0.9 percent Cr; and 1.2-1.3 percent Ni; in the case of Si-Ca treatment: 2.4-2.6 percent C_{tot}; 0.6-0.7 percent Si; 0.5-0.6 percent Mn; 0.9-1.0 percent Cr; and 1.2-1.3 percent Ni. Rolls made of cast irons exhibit uniform hardness and uniform cross-sectional microstructure. The durability of LCI rolls is 2-2.5 times that of rolls made of cast irons of standard C content; their employment has resulted in a 3.5 percent increase in productivity of rolling mills.

E. Sh.

Defects of steel sheets and methods for their elimination. Ya. L. Tryskunov and G. S. Gerchikov. *Stal'* 15, 159-64 (1955).—Scabs, splashings, macroscopic slag inclusions, dents, honeycomb blowholes, pockmarks, and cracks are described and their causes discussed. Slag inclusions can be reduced by placing slag liquefying mix[illegible] on the top of open metal in the [illegible]

DUNAYEV, N.Ye., inzhener; TROSKUNOV, Ya.L., inzhener.

T.I. Gapon's work methods in blast furnace operation. Metallurg no.10:10-14 O '56. (MLRA 9:11)

1. Stalinskiy metallurgicheskiy zavod.
(Gapon, T.I.) (Blast furnaces)

[illegible]

VORONOVA, N.A.; GUTMAN, M.R.; TROSHUNOV, Ya.L.; ARMEN, B.D.; LEPETA, B.G.

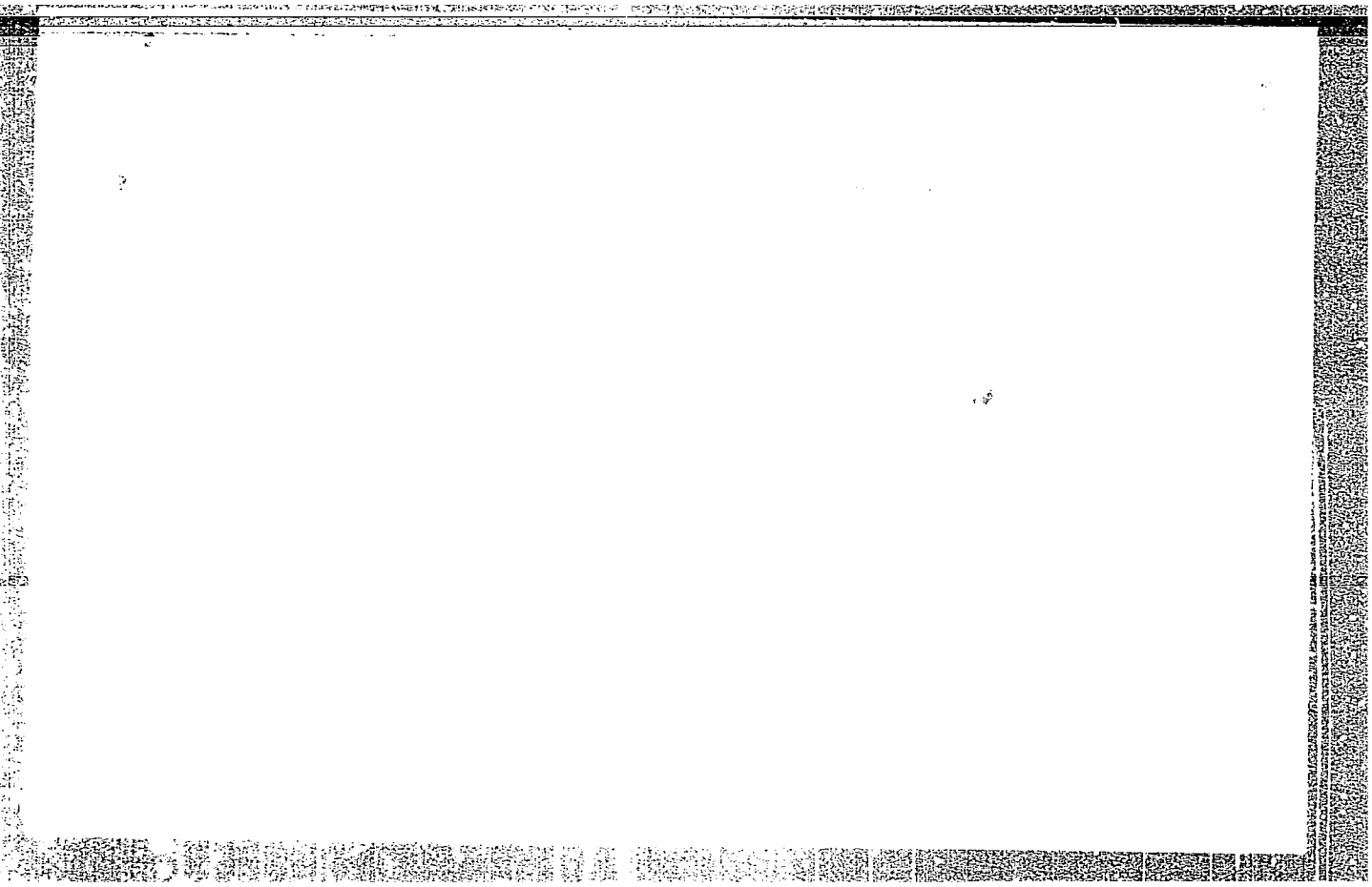
Low carbon cast iron rolls for rolling mills. Trudy Inst.chern.met. AN URSR 11:196-214 '57. (MLRA 10:9)

(Rolls (Iron mills)) (Cast iron--Metallography)

TROSKUNOV, Ya.L., inzhener; OFENGENDEN, A.M., inzhener; BEKKER, I.I., inzhener.

Effect of the suspension of ingots in bottom casting on the formation of transverse cracks. Stal' 15 no.2:133-136 F '55. (MLRA 8:5)

1. Stalinskiy metallurgicheskiy zavod.
(Steel ingots)



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756730007-5"

TELESOV, S.A., inzhener; TROSKUNOV, Ya.L., inzhener; OFENGENDEN, A.M., inzhener.

Elimination of skin flaws in medium carbon steel. Stal' 15 no.2:136-142 F '55. (MLRA 8:5)

1. Stalinskiy metallurgicheskiy zavod.
(Steel--Metallurgy)

OFENGENDEN, A.M., inzhener; TROSKUNOV, Ya.L., inzhener; POKRASS, L.M., inzhener.

Characteristics of spot segregation. Stal' 15 no.2:152-158 F '55. (MLRA 8:5)

1. Stalinskiy metallurgicheskiy zavod.
(Steel--Metallurgy)

TROSKUNOV, Ya.L., inzhener; GERCHIKOV, D.S., inzhener.

Sheet steel defects and methods for their prevention. Stal' 15 no.2: 159-164 F '55. (MLRA 8:5)

1. Stalinskiy metallurgicheskiy zavod.
(Sheet metal)

TROSKUNOV, YA. L.

Telesov, S. A., Troskunov, Ya. L. and Ofengenden, A. M. "The problem of the reduction in the heterogeneity of the boiling steel," Trudy Stalinskogo obl. otd-niya VNITOM, No 1, 1949, p. 34-39

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

TROSKUNOV, YA. L.

Yektov, I. M., Gurov, S. A. and Troskunov, Ya. L. "How to roll bulb-bar shapes," Trudy Stalinskogo obl. otd-niya VNITOM, No 1, 1949, p. 68-73

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, 1949)

BRAYNIN, I.Ye.; LAD'YANOV, I.N.; TROSKUNOV, Ya.L.; KATTENBURG, A.R.; TUPILKO, V.M.

Nature of the brittleness of highly resistant reinforcement steel. Izv. vys. ucheb. zav.; chern. met. 7 no.10:127-131 '64. (MIRA 17:11)

1. Donetskiy politekhnicheskiy institut i Donetskiy metallurgicheskiy zavod.

TROSKUNOV, Ya. Ya.

VORONOVA, N.A.; kand.tekhn.nauk; GUTMAN, M.P., inzh.; TROSKUNOV, Ya.Ya., inzh.
ARMEN, V.D., inzh.; LEPETTA, B.G., inzh.

Rollers made of low-carbon cast iron. Biul.TSNIICHM no.17:27-36 '57.
(MIRA 11:4)

1.Institut chernoy metallurgii AN USSR i Stalinskiy metallurgicheskiy zavod.
(Rolling mills)

TROSMAN, A.; IOFFE, G.

Ian Fabritsius. A. Trosman, G. Ioffe. Voen.znan. 33 no.6:36 Je '57.
(MIRA 10:8)

(Fabritsius, IAn Fritsevich, 1877-1929)

TROSMAN, A.

Their feats are immortal. Voen. znan. 33 no.2:4-5 F '57.
(Russia--Revolution, 1917-1921) (MLRA 10:4)

LEBEDEV, V.P.; TROSMAN, E.A.

Catalytic activity of platinum deposited on cadmium. Zhur. fiz. khim. 34 no.3:687-690 Mr '60. (MIRA 13:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Platinum) (Cadmium)

STREL'NIKOVA, Zh.V.; TROSMAN, E.A.; LEBEDEV, V.P.

Corrosive sublimate poisoning of platinum on cadmium oxide adsorption catalysts in the decomposition of hydrogen peroxide. Zhur. fiz. khim. 36 no.11:2469-2472 N'62. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

TROSMAN, E.A.; BAGDASAR'YAN, Kh.S. (Moscow)

Quantitative study of reactions of the phenyl radical with aromatic compounds. Zhur. fiz. khim. 38 no.1:141-145 Ja'64. (MIRA 17:2)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.