

REEL # 803

ZHELEZNOVA, Ye. A.
to

Edin

PA 24/49785

USSR/Medicine - Dysentery
Medicine - Bacteriology

Aug 48

"Bacteriological Characteristics of Dysentery in 1947
According to Data from the Moscow Clinical Hospital
for Infectious Diseases," Ye. F. Zheleznova, Moscow
Inst Imeni Mednikoy, 2 pp

"Gov Med" No 8

Of 20,949 cases examined bacteriologically, 32% were
found to have dysentery. Briefs data obtained in this
mass survey of Moscow's inhabitants. Notes that ordi-
nary methods for treating dysentery (sulfonamidal and
bacteriophageic administrations) had no appreciable

USSR/Medicine - Dysentery (Contd)
24/49785

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action on bacteria. None of preparations used had
any bacteriolytic effect.

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ZHELEZNOVA, Ye.I.; SOCHEVANOV, V.G.; TITOV, V.I.; DERZHAVINA, N.G., red.
izd-va; IYERUSALIMSKAYA, Ye.S., tekhn. red.

[Methods for the determination of radioactive elements in
minerals] Metody opredelenia radioaktivnykh elementov v
mineral'nom syr'e. Sost. E.I.Zheleznova, V.G.Sochevanov, V.I.
Titov, Izd.2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-
vo lit-ry po geol. i okhrane neдр, 1961. 147 p. (MIRA 14:10)
(Minerals) (Radioactive substances)

AUTHORS: Zheleznova, Ye. I., Tokareva, D. V. SOV/32-24-8-18/43

TITLE: A Radiometric Method for Determining Uranium, Thorium, and Radium in Ores (Primeneniye radiometricheskogo metoda dlya opredeleniya urana, toriya i radiya v rudakh)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr. 8, pp. 959-963 (USSR)

ABSTRACT: A practical method for analysing uranium and thorium ores by altering the radioactive equilibrium is especially complicated, since the application of β and γ measurements is insufficient. A method suggested by G.R. Gol'bek et al. (Ref 4) was tested by Ye.I. Zheleznova. This method is based upon a spectroscopic measurement of the γ radiation. In the γ -ray spectrum of the elements of the thorium series there is an intense line of 2,62 MeV, while in the uranium series the maximum energy of the intense line does not exceed 1,8 MeV. Two measurements were used in determining the thorium and radium content of ores. The intensity of the total γ radiation was determined as well as the intensity of that part of the spectrum where the thorium series predominates. The method of calculation is described. Two types of radiometers were used

Card 1/2

A Radiometric Method for Determining Uranium,
Thorium, and Radium in Ores

SOV/32-24-8-18/43

in these investigations. The radiometer-analyser no. 1 is a triple-canal apparatus with a gas-filled counter, and was constructed by G.R. Gol'bek. The LAU-52M instrument (factory mark IAS-), is a scintillation apparatus and was constructed by S.Ya. Yakubovich. Both instruments are described, and a diagram and a photograph are given. It was observed that the best analytical results of the determination of the three elements U, Th and Ra were obtained with a Th/U ratio (i.e., coefficient of the radioactive equilibrium) of 0,2 to 5,0. There are 2 figures, 1 table, and 5 references, 2 of which are Soviet.

ASSOCIATION: Vsesoyuznyy institut mineral'nogo syr'ya (All-Union Institute for Raw Mineral Materials)

Card 2/2

KRAYEVSKIY, A.A.; ZHUKLEZHOVA, Ye.S.; TOKAREVA, N.V.

Obtaining the alkaloid triacanthine from the leaves of *Gleditschia triacanthos* L. Med.prom. 14 no.4:30-33 Ap '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticeskikh rasteniy.

(TRIACANTHINE)

BELIKOV, A.S.; ZHELEZNOVA, Ye.S.

Triakantin, an alkaloid from *Gleditsia triacanthos* L. Trudy
VILAR no. 11:22-29 '59. (MIRA 14:2)
(HONEY LOCUST) (ALKALOIDS)

FROLOVA, V.I.; BAN'KOVSKIY, A.I.; ZHELEZNOVA, Ye.S.

Chemical study of the alkaloids of Echinops rito L. Trudy VILAR
no. 11:92-98 '59. (MIRA 14:2)

(COMPOSITAE) (ALKALOIDS)

RAN'KOVSKIY, A.I.; FROLOVA, V.I.; ZHELEZNOVA, Ye.S.

Chemical study of the alkaloids of *Genista aetnensis* DC. Trudy
VILAR no. 11:99-105 '59. (MIRA 14:2)
(LEGUMINOSAE) (ALKALOIDS)

FROLOVA, V.I.; BAN'KOVSKIY, A.I.; ZHELEZNOVA, Ye.S.

Chemical analysis of alkaloids of the small globethistle (*Echinops
ritro* L.). Med.prom. 11 no.11:20-24 N '57. (MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i
aromaticeskikh rasteniy
(GLOBETHISTLE) (QUINOLINE)

BAN'KOVSKIY, A.I.; PROLOVA, V.I.; ZHELEZNOVA, Ye. S.

Chemical analysis of alkaloids from *Genista setnensis* DC. Med.prom.
11 no.12:23-27 D '57. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.
(ALKALOIDS) (WOADWAXEN)

~~ZHELENKOVA-KAMINSKAYA, M.A.~~

Results of the introduction of exotic conifers to Leningrad and its
vicinity. Trudy Bot. inst. Ser. 6 no. 3: 221-285 '53. (MLBA 7:1)
(Leningrad--Coniferae) (Coniferae--Leningrad)

ZHELEZNYAK, H.

ZHELEZNYAK, A.

repair plant designer's work. Neftianik 2 no.9:23-24 S '57.

(MLRA 10:9)

(Centrifuges) (Machine tools--Pneumatic driving)

ZHELEZNYAK, A.

Shock workers carry on. Neftianik 7 no.5:5 My '62.

(MIRA 15:12)

(Chechen-Ingush A.S.S.R.--Petroleum--Refining)

(Chechen-Ingush A.S.S.R.--Petroleum chemicals)

ZHELEZNYAK, A.

Leaders. Neftianik 6 no.11:33 N '61.
(Petroleum--Refining)

(MIRA 14:12)

ZHELEZNI^YAK, A. I.

Zhelezniak, A. I. Electrical Coring in the Bonbass (in Exploring for Coal).
Gornyi Jurnal, Moscow, No. 14, 1937, pp. 51-53.

ZHELEZNYAK, A. I.

PA 27T8

USSR/Coal

Jul/Aug 1987

Electric Power Production

"Some Data on the Reasons for Developing Natural Electric Fields at the Coal Deposits of the Donets Basin,"
A. I. Zheleznyak, 4 pp

"Razvedka Nedr" No 4

For a long time the presence of a constant intense PS anomaly has been recognized in anthracite, graphite and carbon deposits, but it is a little studied subject. The author discusses the presence and phenomena of this anomaly in the A→T and some portions of the T mark coal layers. He states that all data discovered under actual operating conditions or in the laboratory are of vital importance to all coal basins of the USSR.

LC

27T8

SHLEZNYAK, A.P.

How we are reducing auxiliary operations in drilling. Neftianik
1 no.7:5:7 J1 '56. (MLRA 9:11)

1. Verkhovoy rabochiy kontory burariya Neftpromyslovogo uprav-
leniya. (Oil well drilling)

ZHELEZNYAK, A.S.

Determination of the azeotropic shift at various temperatures
(pressures) in a system. Trudy VNIIneftekhim no.5:113-124
'62. (MIRA 15:7)

(Azeotropy)

ZHELEZNYAK, A.S.

Azeotropy in binary systems formed by low molecular monobasic organic acids and water. Zhur. fiz. khim. 35 no.2:322-326 F '61.
(MIRA 16:7)

1. Institut neftekhimicheskikh protsessov, Leningrad.
(Acids, Organic) (Azeotropy)

LEVIN, A.I.; ZHELEZNYAK, A.S.; SEMENYUK, L.O.

Recovery of low molecular weight monobasic organic acids from
aqueous solutions by extraction. Trudy VNIINeftekhim no.1:84-94
'60. (MIRA 14:1)

(Acids, Organic)

(Extraction (Chemistry))

ZHELEZNYAK, A.S. (Leningrad)

Analytical method for computing the composition of binary azeotropes
during the change of pressure and temperature. Zhur.fiz.khim. 35
no.6:1292-1294 Je '61. (MIRA 14:7)
(Azeotropes)

ZHELEZNYAK, A.S.; BROUNSHTEYN, B.I.

Mass transfer during the extraction with single drops.

Zhur. prikl. khim. 36 no.11:2437-2445 N '63.

(MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

BROUNSHTEYN, B.I.; ZHELEZNYAK, A.S.

Determination of partial mass transfer coefficients in
systems with a variable distribution coefficient. Dokl.
AN SSSR 153 no. 4:889-891 D '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nefte-
khimicheskikh protsessov. Predstavleno akademikom S.I.
Vol'fkovichem.

ZHELEZNYAK, A.S.; BROUNSHTEYN, B.I.

Mutual solubility in the system water-acetic acid-ethyl acetate
in the temperature range from 0 to 50°C. Zhur.prikl.khim. 38
no.3:694-696 Mr '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimiche-
skikh protsessov. Submitted Jan. 7, 1963.

KADENSKAYA, N.I.; ZHELEZNYAK, A.S.; BROUNSHTEYN, B.I.

Mass transfer in the extraction of acetic acid by single drops
of ethyl acetate. Zhur. prikl. khim. 38 no.5:1156-1159 My '65.
(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh
protseessov.

BROUNSHTEYN, B.I.; GITMAN, I.R.; ZHELEZNYAK, A.S.

Mass transfer into spherical drops. Dokl. AN SSSR 162 no.6:1336-1338
Je '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh
protssessov. Submitted July 4, 1964.

ZHELEZNYAK, A.S.; LEVIN, A.I.

Study of the azeotropism of binary systems. Trudy VNIINeftekhim
no.1:95-104 '60. (MIRA 14:1)
(Systems (Chemistry)) (Azeotropy)

ZHELEZNYAK, A.S.; LEVIN, A.I.

Effect of certain structural factors on the effectiveness of
laboratory columns with a spiral prismatic packing. Trudy VNIINef-
tekhim no.1:147-155 '60. (MIRA 14:1)
(Packed towers)

ZHELE ZNYAK, A.S.; BROUNSHTEYN, B.I.

Determination of partial mass transfer coefficients during
extraction in the system n-heptane - toluene - diethylene glycol
in a propeller stirrer. Zhur.prikl.khim. 35 no.12:2706-2714
D '62. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh
protseessov.
(Systems (Chemistry)) (Mass transfer) (Extraction (Chemistry))

ZHELEZNYAK, A. Ya., inzhener.

Breakage of an "Aldrei" conductor in a 35.kv. transmission line.
Energetik 5 no.2:19-20 F. '57. (MLRA 10:3)

(Electric conductors)

ZHELEZNYAK, Dmitriy Mitrofanovich; AKULOV, A.I., kandidat tekhnicheskikh nauk, nauchnyy redaktor; KRIUGER, Yu.V., redaktor izdatel'stva; MEDVEDOV, L.Ya., tekhnicheskii redaktor

[Electrodes with steel powder in their coating] Elektrody so stal'nym poroshkom v pokrytii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1956. 55 p. (MLRA 9:9)
(Electrodes) (Electric welding)

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KIRICHENKO, L.G. (Kislovodsk); ZHELEZNYAK, G.A., uchitel' (Selo Andreyevka, Poltavskaya oblast'); AL'SHITS, G.I. (Borovichi, Novgorodskaya oblast'); ROMANOV, V.Ya. (Sverdlovsk)

Letters to the editor. Zdorov'e 9 no.2:29 F '63. (MIRA 16:3)
(HYGIENE)

ZHELEZNYAK, I. A. i SYSOYEVA, M. P.

25594 ZHELEZNYAK, I. A. i SYSOYEVA, M. P. Prognozirovaniye Formy Gidrografa
Vesennikh Dlya Basseyonov Sistemy Verkhnego Dnepra. Trudy Kievsk Nauch-
Issled Gidrol Observatorii UGMS USSR Vyp. 4, 1949 s. 111-38-Bibliogr:
11. Nazv

SO: Letopis' Zhurnal' Nykh Statey, Vol. 34, Moskva, 1949.

ZHELEZNYKH, A.M.; GUSEV, N.V.

Dust suppression in the mine atmosphere. Shakht. stroi. no.7:28-29
'58. (MIRA 11:9)

1. Nauchno-issledovatel'skiy sektor Kombinata Kuzbasshakhtostroy.
(Mine dusts) (Dust---Removal)

ZHELEZNYAK, I. A.

USSR/Engineering - Hydraulics, Flood Jan 52
Regulation

"Determination of Rated Discharges From Spill-
way Structures With Consideration of Water
Storage," I. A. Zheleznyak, Cand Tech Sci

"Gidrotekh i Melio" No 1, pp 24-32

Analyzes regulating effect of water storage
which, during flood period, leads to forma-
tion of new reservoir or to increase of water
vol in existing one, simultaneously decreas-
ing rated values of max flood discharge to
value of max spillway discharge. Accounting

202158

USSR/Engineering - Hydraulics, Flood Jan 52
Regulation (Contd)

for this phenomenon permits decreasing dimen-
sions of spillway structures. Illustrates
calculation procedure by numerical examples.

202158

ZHELEZNYAK, I.A.

Water Supply

Remarks on the article, "Determination of the volume of discharge over spillway dams of ponds"
by Yu.Ye. Kazarnovskiy. Gidr. i mel. 4 No. 3 1952

Monthly List of Russian Accessions, Library of Congress, June 1952 Unclassified

ZHELEZNYAK, I. A.

Delitsyn, Iu. E.

Concerning the articles of I. A. Zheleznyak and M. V. Delitsyn. Yu. Ye. Kazarnovskiy.
Gidr. i mel. 4 no. 5, 1952.

Monthly List of Russian Accessions. Library of Congress. September 1952. UNCLASSIFIED.

ZHELEZNYAK, I.A.

"Yearly Distribution of the Runoff of Small Rivers and Temporary Flows in the South of the Ukrainian SSR," Izv. In-ta Gidrol. i Gidrotekhn. AN USSR, 10 (17), 43-57, 1953

The author recommends a method for computing the yearly distribution of runoff of water flows in the irrigated region of the south Ukraine. He distinguishes two regions for which he has established the typical regional schemes of yearly distribution of runoff, as a result of a compilation of the percentage distribution of yearly runoff according to months into hydrological years differing according to water capacity. (RZhGeol, No 1, 1955)

SO: Sum. No. 536, 10 Jun 55

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ZHELEZNYAK, I. A.

KRYZHANOVSKAYA, A.B., kandidat tekhnicheskikh nauk: ZHELEZNYAK, I. A.,
kandidat tekhnicheskikh nauk: MOKLYAK, V.I., kandidat tekhnicheskikh
nauk.

On hydrological forecasting. Gidr.stroi. 23 no.5:37-40 '54.(MIRA 7:8)
(Hydrology)

ZHELEZNYAK, I. A.

AID P - 1868

Subject : USSR/Meteorology and Hydrology
Card 1/1 Pub. 71-a - 11/26
Author : Zheleznyak, I. A., Kand. of Tech. Sci.
Title : ~~On determining the length of the spring-flood period~~
Periodical : Met. i gidro., no.2, 35-36, 1955
Abstract : The length of the spring floods period on
Ukrainian rivers is mathematically analyzed with the
help of equations and 2 charts. Two Russian
references, 1949 and 1952.
Institution : None
Submitted : No date

SHCHERBYAK, I.A.

Graphs of the influx of high spring waters in rivers of the
Ukrainian S.S.R. Trudy Ukr. NIOMI no.3:120-135 '55.

(MIRA 9:10)

1. Institut gidrologii i gidrotekhniki Akademii nauk USSR.
(Ukraine--Hydrology)

ZHELEZNYAK, I.A.

Calculating the transformation of peak discharges taking into
account the pre-flood discharge stage of the reservoir. Izv.
Inst.gidrol. i gidr.AN URSR 13:112-121 '55. (MLRA 9:2)
(Hydrology) (Rivers--Regulation)

ZHELEZNYAK, I.A.

Accuracy of approximate calculations of the transformation of peak
discharges by the regulating capacity of a reservoir. Izv. Inst.
gidrol. i gidr. AN URSR 13:63-78 '55. (MLRA 9:2)
(Hydraulics) (Rivers--Regulation)

ZHELEZHYAK, Iosif Aronovich, kandidat tekhnicheskikh nauk; LISENKO, F.K.,
redaktor

[New high-power hydroelectric power plants of the U.S.S.R.] Novi
potuzhni gidroelektrostantsii SRSR. Kyiv, 1956. 26 p.
(Hydroelectric power plants) (MLA 9:2)

ZHELYEZHNYAK, Iosif Aronovich, kandidat tekhnichnykh nauk; PISHKIN, V.A.,
vidpovidal'nyy redaktor; SOKOLOVS'KIY, L.I., redaktor vidavnitstva

[The great Volga] Velyka Volha. Kyiv, Vyd-vo Akademii nauk URSS,
1956. 46 p. (MLRA 10:4)

1. Chlen-korespondent AN URSS (for Pishkin)
(Volga River)

3(6) PLANE I BOOK REPRODUCTION 807/2051

Moscow. Universitet. Geograficheskii fakul'tet
Voprosy gidrologii (Problems in Hydrology) [Moscow] Izd-vo
Moskovskogo univ., 1977. 231 p. 2,400 copies printed.

Imp. Eds.: I. V. Samoylov and L. D. Kuryukov; Tech Ed.: M.S.
Yermakov.

REMARKS: This book is intended for hydrologists and geographers.
CONTENTS: This collection of articles on the hydrology of the
USSR is dedicated to Professor Ye. V. Il'inskiy, Doctor of Tech-
nical Sciences. Among the topics discussed are: 1) the effect
of air temperature on flow volume, 2) the calculation of snow
melt, 3) the speed of flood waters, 4) stream levels, 5)
spring floods, 6) suspended sediments in running streams, 7) the
effect of agricultural practices on hydrology, and others. The
discussions are accompanied by maps, graphs, and tables illustrat-
ing the present or long-term hydrology of the USSR. References
accompany each article.

Card 1/6

effect of agricultural practices on hydrology, and others. The
discussions are accompanied by maps, graphs, and tables illustrat-
ing the present or long-term hydrology of the USSR. References
accompany each article.

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Problems in Hydrology	
Basins and Its Role in the Creation of Spring Floods	139
Konstantinov, K. I. Attempt at a Hydrological Subdivision of the Northwestern Caspian Area	175
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Card 2/6

Zheleznyak, I.A.

ZHELEZNYAK, I.A.

Inflow into the river Dnieper in the section Kiev --Verkhne-Dneprovsk.
Trudy Ukr. NIGMI no.9:88-101 '57. (MIRA 11:1)
(Dnieper Valley--Hydrology)

ZHILIZNYAK, I.A.

Calculating the transformation of flood runoff by the regulating capacity of ponds. Trudy Lab. ozeroed. 7:13-17 '58. (MIRA 11:10)

1. Institut gidrologii i gidrotekhniki AN USSR.
(Runoff)

ZHELEZNYAK, I.A.

Some critical notes and suggestions with regard to methods used in
flood estimations. Trudy OGMI no.15:191-196 '58.

(MIRA 12:7)

(Floods)

NEPOROZHNIY, Petr Stepanovich [Neporozhni, P.S.]; ZHELEZNYAK, I.A., kand.
tekhn.nauk, red.; POLOTAY, A.M., red.

[Large hydroelectric power stations and their role in the electri-
fication of the Ukrainian SSR] Potuzhni hidroelektrostantsii ta
ikh rol' v elektryfikatsii Ukrain's'koi RSR. Kyiv, 1958. 45 p.
(Tovarystvo dlia poshyrennia politychnykh i naukovykh znan'
Ukrain's'koi RSR. Ser.4, no.2) (MIRA 11:6)

1. Zastupnik golovi Derzhplanu URSS (for Neporozhniy)
(Ukraine--Hydroelectric power stations)

ZHELEZNYAK, Iosif Aronovich [Zheliezniak, I.A.]; SHVETS', G.I. [Shvets',
H.I.], kand.tekhn.nauk, otv.red.; PECHKOVSKAYA, O.M. [Pechkovs'ka,
O.M.], red.izd-va; MIL'OKHIN, I.D., tekhn.red.

[Annual distribution of river discharges in the Ukraine] Vnutri-
richnyi rozpodil stoku richok Ukrainy. Kyiv, Vyd-vo Akad.nauk
URSR, 1959. 135 p. (MIRA 13:1)
(Ukraine--Rivers)

KALESNIK, S.V., prof., otv. red.; LOPATIN, G.V., doktor geogr. nauk, red.;
SHNITNIKOV, A.V., doktor geogr. nauk, red.; MOSEVICH, N.A., doktor
biolog. nauk, red.; ZHELEZNYAK, I.A., kand. tekhn. nauk, red.;
TSYETKOV, N.V., red. 1zd-ya; ZAMARAYEVA, R.A., tekhn. red.

[Small bodies of water in lowland regions of the U.S.S.R. and
their utilization] Malye vodoemy ravninnykh oblastei SSSR i ikh
ispol'zovanie. Moskva, 1961. 399 p. (MIRA 14:5)

1. Akademiya nauk SSSR. Laboratoriya ozerovedeniya. 2. Chlen-
korrespondent AN SSSR (for Kalesnik)
(Water resources development--Congresses)

ZHELEZNYAK, Iosif Aronovich, kand. tekhn. nauk; DIDKOVSKIY, M.M., kand.
tekhn. nauk, otv. red.

[Series of hydroelectric power stations on the Dnieper River]
Dneprovskii kaskad gidroelektrostantsii. Kiev, 1961. 47 p.
(Obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh zna-
nii Ukrainskoi SSR. Ser.7, no.9) (MIRA 14:11)
(Dnieper River—Hydroelectric power stations)

ZHELEZNYAK, I. [Zheliezniak, I.], kand.tekhn.nauk, starshiy nauchnyy
sotrudnik

The sea asks for water. Znan. ta pratsia no. 4:4-7 Ap '61.
(MIRA 14:5)

1. Institut gidrologii i gidrotekhniki AN USSR.
(Caspian Sea—Hydrology water resources development)

VISHNEVSKIY, Palladiy Fedorovich[Vyshnevs'kyi, P.F.]; DROZD, Nafanail Iosipovich; ZHELEZNYAK, Iosif Aronovich; KRYZHANOVSKAYA, Ariada Borisovna[Kryzhanivs'ka, A.B.]; KUBYSHKIN, Georgiy Pimenovich[Kubyshkin, H.P.]; LYSENKO, Klara Arkhipovna; MOKLYAK, Vladislav Ivanovich; CHIPPING, Galina Aleksandrovna [Chippinh, H.O.]; SHVETS, Grigoriy Ivanovich[Shvets, H.I.]; PECHKOVSKAYA, O.M.[Pechkovs'ka, G.M.], red.isd-va; RAKHLINA, N.P., tekhn. red.

[Hydrologic calculations for rivers of the Ukraine]Gidrologichni rozrakhunky dlia richok Ukrainy; pry vidsutnosti spostereshen'. [By]P.F.Vyshnev'kyi ta inshi. Kyiv, Vyd-vo Akad.nauk URSR, 1962. 385 p. (MIRA 16:2)

(Ukraine--Rivers)

ZHELEZNYAK, I.A.

Using volumetric curves in a simplified calculation of the movement of a wave produced by the release in the lower pool of a hydroelectric power station. Meteor. i gidrol. no.3:36-42 Mr '63.
(MIRA 16:3)

1. Institut gidrologii i gidrotekhniki AN UkrSSR.
(Waves)

ZHELEZNYAK, Iosif Aronovich

Flood Control Theory and Methods for Ukrainian River Conditions

The 326-page monograph, Parts I and II of Flood Control, by I. A. Zheleznyak of the Ukrainian Scientific-Research Institute of Hydro-meteorology, presents the results of research work done by the Institute of Hydrology and Hydraulic Engineering of the Academy of Sciences Ukrainian SSR in the period 1950-1963, the findings of which have already been published for the most part in separate papers and articles in various journals. The present work surveys these earlier articles (185-item bibliography, mostly Soviet) and summarizes their content. The method of preparing hydrographs and the method of forecasting the forms of hydrographs in years when water runoff deviates from normal are discussed in the first part (Chapters 1-4); part two (Chapters 5-7) discusses changing the flood conditions by regulating the capacity of reservoirs and river beds; the appendix contains 40 pages of tables on various flood conditions and flood control parameters for Ukrainian rivers, some of which contain data for periods of several years. (Abstract: Regulirovaniye Pavodochnogo Stoka, Chasti I i II, by I. A. Zheleznyak, Leningrad, 1965)

S/125/61/000/011/009/012
D040/D113

AUTHOR: Zheleznyak, I.K.

TITLE: Eccentric lift for the welding nozzle of the TS-17-MU automatic welder

PERIODICAL: Avtomaticheskaya svarka, no. 11, 1961, 79-80

TEXT: The article describes in detail the design and operation of the nozzle lift (Fig. 1) of the ~~TC~~-17-MY (TS-17-MU) welding "tractor". The mechanism is mounted on telescopic bars on the front traveling wheels of the welder and consists of two eccentrics (7) and (14), mounted in insulating bushings and coupled with a cotter (8) for simultaneous rotation. The eccentricity is 10 mm. Two textolite hand wheels (1) are mounted on the shorter arms of the eccentrics, the right hand wheel with force fit and the left one with running fit. A stop (5) with a spring (4) and special nuts (2) and (15) is placed in a bore in the left eccentric. The stop (5) constantly presses on a bushing (16) having 16 indentations, 3 mm in diameter and depth, which fixes the

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S/125/61/000/011/009/012
DO40/D113

Eccentric lift for ...

vertical position of the running wheel axles over every 1.25 mm. Four stop rings (3) with screws (17) prevent the mechanism from shifting along the axles. The right hand wheel is fixed permanently with a screw (12) and a nut (13). The system works as follows: The running wheels of the "tractor" freely rotate on ball bearings which are mounted on the short arms of the eccentrics. Therefore, a turn of the eccentrics changes the vertical position of the axles of the running wheels by a double amount of eccentricity ($10 + 10 = 20$ mm). The running wheels rest on guide rails, and the vertical displacement of their axles causes vertical displacement of the telescopic bars. The front portion of the "tractor" body with the fixed welding nozzle is displaced together with the telescopic bars. This changes the space between the nozzle and the surface of metal being welded and hence it changes the electrode throat. To change the electrode throat, it is necessary to pull the hand wheel outside of the nozzle center. The end of the stop moves out of the indentation on the bushing (16), and the hand wheel and the eccentrics can turn. After turning the hand wheel to change the nozzle position, the hand wheel may be released, thus enabling the stop to snap in

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ZHELEZNYAK, I.K.

Eccentric raising of the TS-17-MU automatic welding machine tip.
Avtom. svar. 14, no. 11:79-80 11 '61. (MIRA 14:10)

1. Leningradskiy zavod imeni A.A. Zhdanova.
(Electric welding--Equipment and supplies)

SOV/97-58-10-10/17

AUTHORS: Kiselev, I.I. and Zheleznyak, I.M. (Engineers)
TITLE: Protection of Steel Forms from Corrosion (Zashchita
stal'noy opalubki ot korrozii)
PERIODICAL: Beton i zhelezobeton, 1958, Nr 10, p 389 (USSR)

ABSTRACT: Metal forms used for casting reinforced concrete products are liable to extensive corrosion during the process of curing. The internal surface of the form becomes covered by conchoidal cavities which spoil the external appearance of the surface of the product, and the life of the form is shortened. After each casting the forms are smeared with waste-product oil which disfigures the otherwise clean surface of the products and tends to penetrate through plasters. Furthermore, the adhesion between the concrete coated with oil and the cement is greatly reduced. These shortcomings can be eliminated by using protective plastic type insets inside the metal forms. These insets, consisting of "viniplast" foils, are fixed to the inner side of the walls of the form and give full protection against corrosion for two years and even more. The viniplast surface does not adhere firmly to the concrete surface and the form can be used only when curing products up to temperatures of 100 - 120 °C.

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SOV/97-58-10-10/17

Protection of Steel Forms from Corrosion

This material is not suitable for the autoclave, as it softens at temperatures between 170 and 180 °C, and finally melts. These findings were confirmed by tests made in the Laboratory for New Building Materials of Glavmosoblstroyaterialov. A detailed description of all casting processes is given. From the laboratory tests it can be concluded that the Viniplast foils can be used satisfactorily under normal production conditions and that their lifetime would be not less than that of the metal form. There are no figures, no references.

Card 2/2

KISELEV, I.I., insh; ZHELEZNYAK, I.M., insh.

Protecting steel forms from corrosion. Bet.1 zhel.-bet. no.10:389
0 '58. (MIRA 11:11)

(Steel--Corrosion) (Concrete construction--Formwork)

ZHELEZNYAK, M.

Machines are waiting for repairs. Prom. koop. 13 no.7:8 J1 '59.
(MIRA 12:10)

1. Nachal'nik otдела individual'nogo poshiva Glavnogo upravleniya
predpriyatiy bytovogo obsluzhivaniya Rospromsoвета.
(Sowing machines--Maintenance and repair)

PROCEDURES AND PROPERTIES INDEX	
Carbon filter for purifying spent oil used in cold plants constructed by the Gromuli Petroleum Research Institute, M. ZHULSENKIN. Neftyanoe Khozaystvo 22, 201-3 (1932).—Construction details.	22
A. A. BORTLINGER	
METALLURGICAL LITERATURE CLASSIFICATION	
12000 27102104	12000 27102104

ZHELEZNYAK, M.

Latent reserves. Prom.koop. 13 no.2:20 F '59.

(MIRA 12:4)

1. Nachal'nik otдела individual'nogo poshiva Glavnogo upravleniya
predpriyatiy bytovogo obsluzhivaniya Rospromsoвета.
(Clothing industry)

ZHELEZNYAK, M.; LAGUN, M.

Substituting for knitting needles and hooks. Mest.prom.1 knud.
promys. 3 no.12:34-35 D '62. (MIRA 16:2)
(Knitting machines)

ZHELEZNYAK M. B. and MITROFANOVA E. A.

"Tables for Reducing the Coordinates of the Moon to the Ephemeris Time", Byull. Inst. Teor. Astronomii AN SSSR, No 10, pp 625-681, 1954.

Tables for reducing lunar ephemeris to local time are presented. The obtained corrections facilitate computation of irregularities in the earth's rotation.

SO: Sum. No. 443, 5 Apr 55

ZHELEZNYAK, M.B.

PHASE I BOOK EXPLOITATION

SOV/5461

Akademiya nauk SSSR. Institut teoreticheskoy astronomii.

Astronomicheskii yezhegodnik SSSR na 1962 g. (Astronomical Yearbook of the USSR for 1962) Moscow, Izd-vo Akademii nauk SSSR, 1960. 647 p. Errata slip inserted. 2,000 copies printed.

Sponsoring Agency: Institut teoreticheskoy astronomii Akademii nauk SSSR.

Resp. Ed.: M. F. Subbotin, Director of the Institute of Theoretical Astronomy of the Academy of Sciences USSR, Corresponding Member, Academy of Sciences USSR.

PURPOSE: This book is intended for astronomers and geophysicists.

COVERAGE: The Astronomical Yearbook of the USSR for 1962 has been compiled in accordance with changes proposed by the International Astronomical Union to member organizations at its meeting in 1958. In addition to usual

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Astronomical Yearbook (Cont.)

Information on the Sun, Moon, Earth, and planets, the Yearbook contains the ephemerides of the lunar crater Moesting A, which until 1960 were published by the Berliner Astronomisches Jahrbuch, [Berlin Astronomical Yearbook], and whose regular publication has now been undertaken by the Institute of Theoretical Astronomy of the USSR at the request of the Union's Committee on Ephemerides. The solar, lunar, and planetary coordinates in the Yearbook are based on data supplied by the British Nautical Almanac as stipulated by the Astronomical Union. The material in the Yearbook was compiled and prepared by the following scientists: computation of ephemerides of the lunar crater Moesting A on high-speed computer BEMS at the Vychislitel'nyy tsentr AN SSSR (Computer Center AS USSR) - D. K. Kulikov; reduction of solar and lunar ephemerides - A. G. Mal'kova and G. A. Mazing; computation of nutation on high-speed computer BEMS - D. V. Zagrebin, O. M. Gromova and A. Ya. Faletova; computation of reduction values of visible positions of ten-day and near-polar stars - M. B. Zheleznyak and M. A. Fursenko; preparation of original data on visible positions of ten-day and near-polar stars -

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Astronomical Yearbook (Cont.)

SOV/5461

E. A. Mitrofanova (in charge), O. M. Gromova, G. A. Mazing, T. I. Mashinskaya, G. M. Poznyak, K. G. Shumikhina, and P. A. Gutkina; heliocentric coordinates of the large planets - O. M. Gromova, A. G. Mal'kova; reduction values (trigonometric system) - E. A. Mitrofanova, and K. G. Shumikhina; mean positions of stars - E. A. Mitrofanova, M. B. Zheleznyak, O. M. Gromova, K. G. Shumikhina, M. A. Furserko; solar and lunar eclipses - E. A. Mitrofanova, M. A. Furserko; planetary configurations - E. A. Mitrofanova, O. M. Gromova; ephemerides for physical solar observations - P. A. Gutkina, T. I. Mashinskaya; ephemerides for physical lunar observations - G. A. Mazing, P. A. Gutkina, K. G. Shumikhina; ephemerides of the illumination of the discs of Mercury and Venus - T. I. Mashinskaya, G. M. Poznyak; ephemerides for physical observations of Mars - G. M. Mazing, T. I. Mashinskaya; ephemerides for physical observations of Jupiter - T. I. Mashinskaya, E. A. Mitrofanova; Saturn's rings - G. A. Mazing, T. I. Mashinskaya; sunrise and sunset - A. I. Frolova; rising and setting of the moon - P. A. Gutkina and K. G. Shumikhina; altitudes and azimuths of the Polar Star - A. G. Mal'kova

Card:3/18

2-0

Astronomical Yearbook (Cont.)

SOV/5461

and K. G. Shumikhina; table for determining latitude by the altitude of the Polar Star - K. G. Shumikhina and P. A. Gutkina; preparation of manuscript for publication - V. G. Kudina; review and edition of "Explanatory Notes", D. K. Kulikov. There are no references.

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Card 4/16	

ZHELEZNYAK, M.B.; MAL'KOVA, A.G.; ROMYANTSEVA, L.I.; CHEBOTAREV, G.A.,
prof., otv. red.

[Stellar positions and reduction constants for stars of the time
service program for the epoch 1970.0.] [zvezdnye polozhenia i
reduktсионnye postoiannye zvezd programmy sluzhby vremeni na
epokhu 1970.0. [Leningrad, 1965]. 34 p. (Akademiia nauk SSSR.
Institut teoreticheskoi astronomii. Biulleten' vol.10, no.2.
Supplement). (MIRA 18:7)

1. Direktor Instituta teoreticheskoy astronomii AN SSSR (for
Chebotarev).

ZHELIZNYAK, P.

- 1) A. P. Alekseyev, A. I. Ivanov, E. A. Kabanov, and Yu. A. Kabanov - "New Experiences in the Application of Electronic Computers for a Solution of the Multiple Minimization Problem."
- 2) A. Kaplan - "Prospects for the Use of Linear Programming in the Over-all Planning of Mining Stock Distribution."
- 3) Yu. A. Glazovskiy - "A Program for the Solution of Transport Problems on an Electronic Computer: Methods of Approximation by Means of Approximately Optimal Plans."
- 4) A. P. Zvezdovskiy - "An Optimal Freight Scheduling Plan for the USSR Coal Industry."
5. Mining Section - 17 December 1959, 1600 hours
V. The Checkboard-Type Balance
- 1) V. S. Maslennikov - "Theoretical Problems of the Checkboard-Type Balance."
- 2) I. Ya. Merik - "The Checkboard-Type Balance and the Planning of National Economy."
- 3) Yu. I. Chernykh - "Experience in Working Up an Input-Output Balance for an Economic-Administrative Region."
- 4) V. S. Delaysin - "Some Planning Calculations Based on the Input-Output Balance of an Economic Region."
- 5) V. V. Kisev - "A Regional Model of Agricultural Production."
- 6) V. I. Kisev, A. I. Kisevskiy - "The Balance and Special Features of Special Inputs."
6. Mining Section - 17 December 1959, 1600 hours
V. Mathematical Statistics
- 1) Yu. M. Baskakov - "Statistical Methods for Determining the Average Prices of Goods."
- 2) V. V. Murzin - "The Correlation Elasticity Indicator and Its Practical Importance in Studying the Workers' Level of Living."
- 3) P. M. Voznesenskiy - "Analytical Methods of Studying the Dependence of Consumption on Income."
- 4) I. M. Kisev, V. V. Fishal'skiy - "Statistics and the Use of Mathematical Methods in Economic Research."
- 5) V. V. Kisevskiy - "Research on Technical and Economic Laws in Non-stochastic Stochasticity with the Aid of Correlation Theory."
- 6) M. A. Prokhorov - "Application of Correlation Methods in the Analysis of Worker Operating Costs."

Report submitted at the Soviet Conference on Problems in the Application of Mathematical Methods in Economic Research, Leningrad, 16-21 January 1960.

1. ZHELEZNYAK, P. G.
2. USSR (600)
4. Stock and Stockbreeding
7. "Put' k kommunizmu" Collective Farm prepares successfully for the wintering of livestock. Sots.zhiv. 14 no.10, 1952.

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

1. ZHELEZNYAK, P. G.
2. USSR (600)
4. Stock and Stockbreeding
7. Stockbreeding on the "Moguchii" Collective Farm.
Sots. zhiv. 14 No. 11, 1952

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. ZHELEZNYAK, P. G.
2. USSR (600)
4. Stock and Stockbreeding
7. Stalin Collective Farm successfully develops its stockbreeding,
Sots. zhiv., 15, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

LIKHTOROVICH, P.K., kandidat meditsinskih nauk; KOZLOVA, S.A.; RUBTSOVA,
M.A.; LIKHTOROVICH, S.A.; ZHELEZNYAK, R.M.; SMOGORZHEVSKAYA, I.Ye.

Primary dysentery in infants and its duration. Peditriia no,2:
36-38 Mr-Ap '54. (MLRA 7:6)

1. Iz otdeleniya epidemiologii (zav. chlen-korrespondent AMN SSSR
prof. S.M.Buchkovskiy) Instituta infektsionnykh bolezney AMN SSSR
(dir. prof. I.L.Bogdanov)
(DYSENTERY, in infant and child,
*duration)

ZHELEZNYAK, Vl.

Vologda lace. Volog. krai. no. 2:229-243 '60. (MIRA 14:11)
(Ust'-Kubinskiy District—Lace and lacemaking)

ZHELEZNYAK, V.A.

Comparative evaluation of methods for treating fractures of the radius
in the usual location. Ortop.travm.i protez. 20 no.9:48-52 S '59.
(MIRA 13:2)

1. Iz kliniki gosptal'noy khirurgii (zaveduyushchiy - prof. I.B.
Oleshkevich) Vitebskogo meditsinskogo instituta.
(RADIUS, fract. & disloc.)

ZHELEZNIKOV, I.G.; PEREVERZA, T.S.

Ionization of the air at the Borovoye health resort. Trudy Inst.
kraev.pat. AN Kazakh. SSR 7:53-57 '59. (MIRA 13:3)
(BOROVOYE--CLIMATOLOGY, MEDICAL)

ZHOLEZNYAK, V.A.

Bilateral fracture of the radius in a typical place. Zdrav.
Bolor. 5 no.8:67-68 Ag '59. (MIRA 12:10)

1. Iz kliniki gosptal'noy khirurgii (zaveduyushchiy - prof.
I.B.Oleshkevich) Vitebskogo meditsinskogo instituta.
(RADIUS--FRACTURE)

ZHELEZNYAK, V. A.
5

ZHELEZNYAK, V. A.⁵.....Vologda (1147-1947). Kratkii puteveditel' po mamorial'nym, arkhitekturnym i zhivopisnym pamiatnikam. Izd. Oblasnym kraevedcheskik muzeem v sviazi s 800-Letnim iubileem goroda. Vologda, 1947.
80 p.

SO: LC, Soviet Geography, Part II, 1951/Unclassified

VAGIN, Ye.V.; PETUKHOV, S.S.; ZHELEZNYAK, V.I.

Chromatographic method for determining microconcentrations of
carbon dioxide in oxygen. Zav.lab. 28 no.2:140-141 '62.
(MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kislorodnogo
mashinostroyeniya.

(Carbon dioxide) (Oxygen--Analysis) (Chromatographic analysis)

ZHELEZNYAK, V.I.

A school course on drawing. Politekh. obuch. no.8:69-71

Ag '59.

(MIRA 12:10)

(Mechanical drawing--Study and teaching)

ZHELEZNYAK V.I.

Home-made ellipsograph. Politekh.obuch. no.5:63-67 My '59.
(MIRA 12:7)

(Drawing instruments)

ZHELEZNYAK, Vl.

Voivode Pleshcheev. Volog. krai no.2:345-347 '60. (MIRA 14:11)
(Pleshcheev, Leontii Stepanovich)

PATYCHENKO, V.S., inzh.; REZNIK, V.I., inzh.; ZHELEZNYAK, V.P., inzh.

New high capacity boiler unit for burning Estonian shale.

Energomashinostroenie 8 no.2:1-4 P '62.

(MIRA 15:2)

(Boilers--Firing) (Estonia--Shale)

ZHELEZNYAK, Y.A. [Zhelesniak, I.A.], kand.tekhn.nauk, otv.red.;
OVCHAROVA, Z.G. [Ovcharova, Z.H.], red.isd-va; SIVACHENKO,
Ye.K. [Sivachenko, IE.K.], tekhn.red.

[Collection of works] Zbirnyk prats'. Kyiv, Vyd-vo Akad.
nauk URSR, 1958. 76 p. (MIRA 13:2)

1. Akademiia nauk URSR, Kiev. Instytut hidrologii i hidro-
tekhniki.

(Ukraine--Hydrology--Research)

ZHELEZNYAK, Ya.Z. (Kamel'nitskiy)

Exchange of experience of the leading workers of rural district
hospitals. Vrach.delo no.8:126-127 Ag '62. (MIRA 15:11)
(MEDICAL PERSONNEL)

ZHELEZNYAK, Ye., inzhener.

Thermal inertia of an alcohol thermometer in a heat-measuring
rod. Muk.-elev.prom. 23 no.1:10-11 Ja '57. (MLRA 10:5)
(Grain--Storage) (Thermometers)

ZHELEZNYAK, Ye. A. Cand Tech Sci -- (diss) "Study of the technological effectiveness of the use of ^{devices} ~~installations~~ for the remote control of ~~the~~ temperature of grain in elevator silos." Mos, 1958. 15 pp (Min of Higher Education USSR. Mos Technological Inst of Food Industry), 120 copies (KL, 13-58, 96)

~~ZITEL 2-1/1A, 1-1~~
ZHELEZNYAK, Ye.A., inzh.

Investigating the operation of apparatuses for the remote checking
of grain temperature in elevators. Trudy MTIPP no.9:179-192 '57.
(Grain--Storage) (Remote control) (MIRA 10:12)
(Temperature--Measurement)

Закон № 11.
ZHELEZNYAK, Ye., inzhener.

Test the reliability of electrothermometer readings. Muk.-elev.
prom. 23 no.6:13-15 Je '57. (MIRA 10:9)
(Thermometers)

ZHELEZNYAK, Ye.A.

Mechanizing the handling of packaged freight. Izobr. v SSSR
2 no.11:33-36 N '57. (MIRA 10:10)
(Materials handling) (Automatic control)