

KOMLEV, G.A.; VETRENKO, Ye.A.

Relation between the kinetic characteristics of the vaporisation
of solids and the elasticity of saturated steam. Trudy Inst. met.
UFAN SSSR no.4;19-22 '58. (MIRA 12:10)
(Nonferrous metals---Metallurgy) (Vapor density)

~~SECRET~~
MOLEVA, N.G.; KUSAKIN, P.S.; VETRENKO, Ye. A.; DIYEV, N.P.

Crystallization of alloys of the system $\text{FeS} - \text{Co}_4\text{S}_3$. Zhur. prikl.
khim. 30 no.9:1402-1405 S '57. (MIRA 11:1)

1. Institut khimii i metallurgii Ural'skogo filiala AN SSSR.
(Iron sulfides) (Cobalt sulfides)

VEPRENKO, L., kandidat tekhnicheskikh nauk

On improving the system of establishing longshoremen's work norms
and wages. Mor. flot 15 no.7:5-7 J1 '55. (MIRA 8:9)
(Longshoremen) (Wages)

VETRENKO, LEONID DANILOVICH

~~VETRENKO, Leonid Danilovich~~ kand.tekhn.nauk; SHER, A.A., red.; VOINOV, A.A.,
Fed.isdabel'stva; LAVRENOVA, N.B., tekhn.red.

[Comprehensive standards for loading and unloading work at sea ports]
Kompleksnye normy vyrabotki na pogrushochno-rasgrushochnye raboty v
morskikh portakh. Moskva, Izd-vo "Morskoi transport," 1957. 153 p.

(Loading and unloading)

(MIRA 10:12)

VETRENKO, L. D.

Proyektirovaniye progressivnykh norm na pogruzochnorazgruzochnyye raboty v morskikh portakh (Drafting progressive norms for loading and unloading operations in seaports) Moskva, Izd-vo Morskoy Transport, 1952.
97 p. tables, diagra.

At head of title: Moscow. Tsentral'nyy Nauchno-Issledovatel'skiy Institut Morskogo Flota.

N/5
756.545
.V5

VETRENKO, T.V.

Circulatory and respiratory responses to the effect of certain chemical substances on the meninges [with summary in English].
Biul.eksp.biol. i med. 45 no.1:69-73 Ja '58. (MIRA 11:4)

1. Iz kafedry patologicheskoy fiziologii (sav. - prof. I.I.Fedorov)
L'vovskogo gosudarstvennogo meditsinskogo instituta (dir. - prof.
L.N.Kuzmenko). Predstavlena deyst.chlenom AMN SSSR V.N.Chernigovskim.

(MENINGES, effect of drugs on,

cardiovasc. & resp. responses to various drugs (Rus))

(CARDIOVASCULAR SYSTEM, physiology,

eff. of meningeal responses to various drugs (Rus))

(RESPIRATION, physiology,

same)

T-10

USSR/Human and Animal Physiology - Nervous System.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32117

Author : Vetrenko, T.V.

Inst :
Title : Reflexes from a Meninx During Action of Mechanical Stimulators.

Orig Pub : Vracheb. delo, 1957, No 1, 11-14.

Abstract : During weak but diffuse stimulation of the dura mater (D) (mopping by gauze sponge) in dogs, a 15-25% decrease of arterial pressure and curtailment of heart contractions to 10-12 beats per minute were noted. During a puncture or superficial incision of D, the arterial pressure dropped less. In both cases, the amplitude and rate of respiration grew 3-4 times. During incision of D, the effect was more obvious. In addition, respiration remained faulty and uneven, impairment of the heart rhythm was noted, the size and form of separate waves changed, blood flow

Car

Card 1/2

VETRENKO, T.V.

Reflexes from the cerebral membranes during the action of mechanical
stimulants. Vrach. delo no.1:11-13 Ja '57 (MLRA 10:4)

1. Kafedra patologicheskoy fiziologii (zav.-prof. I.I. Fedorov)
L'vovskogo meditsinskogo instituta.
(REFLEXES)

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 61 (USSR) SOV/137-59-1-484

AUTHOR: Vetrenko, Ye. A.

TITLE: An Approximate Computation of Variations in the Temperature of the Melt in the Process of Bessemerizing of Copper Matte (Priblizhennyi raschet izmeneniy temperatury rasplava v protsesse bessemerovaniya mednogo shteyna)

PERIODICAL: Tr. In-ta metallurgii. Ural'skiy fil. AN SSSR, 1957, Nr 1, pp 122-131

ABSTRACT: In order to reduce thermal losses in a converter after the slag had been poured off it is imperative that idle periods in its operation be reduced; this is particularly important in the beginning stages of blowing. If the range of temperature variations of the melt is to be reduced, it is essential that the charge be assembled prevalently in the early stages of blowing. Increasing the moisture content of the blast by means of steam increases the productivity and reduces temperature variations during blowing. Optimal conditions for blowing are attained if copper-rich additives are introduced in the beginning of the operation and if the moisture content of the blast is subsequently increased. Ye. Z.

Card 1/1

VETRENIKO, Ye.A.; DIYEV, N.P. [deceased]; OLESOVA, A.I.

Using radioisotopes for the study of zinc and selenium changes
to the gaseous state. Trudy Inst. met. UFAN SSSR, no.2:141-148
'58. (MIRA 12:4)

(Sublimation (Physical sciences)) (Zinc--Isotopes)
(Selenium--Isotopes)

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 54 (USSR) SOV/137-58-12-24309

AUTHORS: Moleva, N. G., Vetrenko, Ye. A., Kusakina, P. S.

TITLE: Relationship of Matte Crushability and Abrasability to Cooling Rate
(Zavisimost' drobimosti i istirayemosti shteynov ot skorosti ikh okhlazhdeniya)

PERIODICAL: Tr. In-ta metallurgii. Ural'skiy fil. AN SSSR, 1957, Nr 1, pp 99-102.

ABSTRACT: Accelerated cooling of mattes (M) in the nickel industry permits a significant reduction of precipitation of the Fe-Ni therein. When this practice is followed, the Fe-Ni dendrites are distributed equally within the basic sulfide mass and segregation thereof is not observed. Rapidly cooled M show substantially lower resistance to abrasion, but respond to crushing considerably more poorly than when cooled slowly. Significant segregation of a metallic phase of (Fe-Ni) is observed in slowly cooled specimens, as is a greater microhardness of rapidly cooled M. This testifies to the fact that a hardening of the metallic and sulfide phases is under way.

Card 1/1

Ye. Z.

VETRENKO, Ye.A.

Effect of diffusion rate on the interaction of gases with sublimation and dissociation substances. Trudy Inst. met. UFAH SSSR no.2:117-123 '58. (MIRA 12:4)
(Nonferrous metals--Metallurgy) (Diffusion)

SOV/136-59-4-7/24

AUTHORS: Babadzhan, A.A., Bulatov, V.D., Vetrenko, Ye.A.,
Komlev, G.A. and Medvedev, V.K.

TITLE: Ways of Improving the Technology and Requirements of the
Process of Pyroselection (Puti sovershenstvovaniya
tekhnologii i trebovaniya k agregatu dlya protsessa
piroselektzii)

PERIODICAL: Tsvetnyye metally, 1959, Nr 4, pp 30-33 (USSR)

ABSTRACT: The paper reviews a lot of work carried out in the field
of pyroselection, a method of extracting easily vaporised
substances. Work has been carried out on the Kivogradskiy
and Irtyshtskiy copper smelters and also in the Kamenogorskiy
lead works on the preparation of Cu- Pb- and Bi-containing
matte in a converter. According to the Altayskiy gorno-
metallurgicheskiy institute, sublimation of Pb reaches
70% and recent kinetic investigations (Ref 15,16) have
shown the high values of sublimation of Zn and Cd.
Pyroselection can result in an increase in the rate of
using raw material of 10 to 12% (Ref 9). It has been
shown that preliminary granulation of the charge is
advisable (Ref 10). The melting time was 30 to 40% of
the total cycle, some heat being used in drying the charge

Card 1/3

SOV/136-59-4-7/24

Ways of Improving the Technology and Requirements of the Process of Pyroselection

and in the dissociation of sulphur. By preliminarily heating the charge, production can be increased. This can be done by heating with carbon-type fuel. The next stage for Zn-containing matte is an oxidising blow which quickly extracts the Zn. The ZnS is extracted by blowing with a neutral or a reducing atmosphere, the temperature being obtained by carbon fuel. After extracting most of the ZnS, the remaining ZnS is removed by oxidising to the oxide. Afterwards it is reduced to metallic Zn. From the practical point of view, lump coke as a fuel gives quite good results. The slag largely consists of iron oxide. CaO can be used as a flux, as it has a positive influence on the extraction of volatile elements. The furnace for pyroselection must be sealed and have an automatic continuous charger. There must be some means for preheating the charge. Production can be increased by decreasing heat losses.

Card 2/3

SOV/136-59-4-7/24
Ways of Improving the Technology and Requirements of the Process of
Pyroselection

The most frequent cause of trouble is a gas leak
between the lining and the case. There are
26 references, 24 of which are Soviet and 2 English.

Card 3/3

BABADZHAN, A.A.; ZHUKOVSKIY, V.M.; BUTUZOVA, L.V.; VETRENKO, Ye.A.

Thermodynamic analysis of germanium behavior in the pyroselection
process. TSvet. met. 38 no.4:59-62 Ap '65. (MIRA 18:5)

FRISHBERG, I.V.; MIKULINSKIY, A.S.; VETRENKO, Ye.A.

Device for measuring the quantity of a condensing substance.
Zav. lab. 29 no.9:1143-1144 '63. (MIRA 17:1)

1. Institut metallurgii Ural'skogo filiala AN SSSR.

ANISHEVA, N.A.; BALAKIREV, V.F.; VETRENKO, Ye.A.; KASHIN, A.I.;
KOMLEV, G.A.

Volatilization of zinc during the smelting of copper
concentrates. Trudy Inst. met. UFAN SSSR no.8:83-95 '63.
(MIRA 17:9)

CHUFAROV, G.I.; AVERBUKH, B.D.; VETRENIKO, Ye.A.

Kinetics of zinc sulfide reduction by carbon monoxide and
hydrogen. Trudy Inst.met.UFAN SSSR no.3:43-50 '59. (MIRA 13:4)
(Zinc--Metallurgy)

VETRENKO, Ye. A.

RABADZHAN, A.A.; BULATOV, V.D.; VETRENKO, Ye. A.

Evaporation of low-boiling elements and compounds in the pyro-
metallurgical selection process. Biul. TSIIN tsvet. met. no. 24;
19-20 '57. (MIRA 11:5)
(Nonferrous metals--Metallurgy)

Vetrenko, Ye. A.

MOLEVA, N.G.; KUSAKIN, P.S.; VETRENKO, Ye.A.; DIYEV, N.P. [deceased]

Structural diagram of iron-cobalt-sulfur system. Zhur.neorg.khim.
3 no.4:904-910 Ap '58. (MIRA 11:4)

1. Ural'skiy filial AN SSSR, Institut metallurgii.
(Iron-cobalt-sulfur)

VETRENKO, YE. A.

Category : USSR/Atomic and Molecular Physics - Gases

D-7

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3547

Author : Vetrenko, Ye.A., Sidorenko, R.A.

Title : Study of the Kinetics of Evaporation and of the Temperature Zones of the Condensation of Zinc in Various Gas Atmosphere

Orig Pub : Vopr. teorii i praktiki liteyn. proiz-va, Moskva-Sverdlovsk, Mashgiz, 1956, 199-205

Abstract : No abstract

Card : 1/1

MOLEVA, N.G.; VETRENKO, Ye.A.; KUSAKIN, P.S.

Dependence of crushability and abrasive hardness of mattes on
their rate of cooling. Trudy Inst. met. UFAN SSSR. no.1:99-102
'57.

(Nickel--Metallurgy) (Nonferrous ingots--Cooling) (MIRA 11:9)

VETRENKO, Ye.A.

Approximation estimate of melt temperature changes during the
process of converting copper mattes. Trudy Inst. met. UFAH SSSR
no.1:122-131 '57. (MIRA 11:9)
(Copper--Metallurgy) (Converters)

SOV/137-58-7-14490

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 80 (USSR)

AUTHORS: Babadzhan, A.A., Bulatov, V.D., Vetrenko, Ye.A.

TITLE: Volatilization of Elements and Compounds With a Low Boiling Point During a Pyroselection Process (Ob uletuchivanii legkokipyashchikh elementov i soyedineniy v protsesse piroselektzii)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 24, pp 19-20

ABSTRACT: A study of the composition of sublimes obtained by processing metallurgical dusts by pyroselective methods has revealed the following facts: 1. Cu, Fe, Si, and Al pass into the sublimes as a result of mechanical carry-off of the dust being processed and matte which is being blown with air. 2. In and Ge sublimate most intensively during the first hours of the operation. The content of these elements in the sublimes diminishes as the process of blowing progresses. When processing sulfide concentrates with increased In content, 95% of this element may be removed from the melt and utilized to increase the In content in the sublimes by as much as 10-15 times.

Card 1/2

3. Most intensive fugacity of Pb, Cd, Tl, and As is observed

SOV/137-58-7-14490

Volatilization of Elements and Compounds (cont.)

at the halfway point of the operation (at a high temperature of fusion).
4. Since in the early stages of blowing Zn volatilizes less rapidly than other metals, its concentration in the sublimates increases as the operation progresses.

1. Metals--Sublimation 2. Intermetallic compounds--Sublimation

G.S.

Card 2/2

78-3-4-12/38

AUTHORS: Moleva, N. G., Kusakin, P. S., Vetrenko, Ye. A., Diyeu, N.P.
(Deceased)

TITLE: On the Phase Diagram of the System Iron-Cobalt-Sulfur (K
voprosu o diagramme sostoyaniya sistemy zhelezo-kobal't-
sera)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 4, pp. 904-910 (USSR)

ABSTRACT: The ternary system iron-cobalt-sulfur in the field of the
alloys of the quasibinary section $\text{FeS-Co}_4\text{S}_3$, till alloys con-
taining 15 % sulfur was investigated. The investigations were
carried out by thermal and dilatometric analyses as well as
by the determination of the microstructure, the specific
weight and the microhardness. The phase diagram was con-
structed with the results obtained herein.
The investigations of mutual solubility of the components
of the system show that the sulfides of cobalt and iron
have limited solubility in solid state. It was found that
the solubility of cobalt sulfide in iron sulfide at the
eutectic temperature of 42,4 % decreases to 24,5 % at room

Card 1/2

On the Phase Diagrams of the System Iron-Cobalt-Sulfur

78-3-4-12/38

temperature. The solubility of iron sulfide in cobalt sulfide is about 20 % FeS. The solubility is not affected by the temperature. In the system Fe-Co-S the pure components do not crystallize, but their solid solutions do. Microscopic investigations showed that the structures of the alloys of the ternary system have 8 structural types at normal temperature. In the systems Co-S and FeS-Co₄S₃ in solid state in the field of the ternary system transitions were found at 770-790°C and 810-830°C. The points of the triple eutectic were not determined exactly. There are 5 figures, 1 table, and 15 references, 8 of which are Soviet.

ASSOCIATION: Ural'skiy filial Akademii nauk SSSR, Institut metallurgii
(Ural Branch of the AS USSR, Institute of Metallurgy)

SUBMITTED: June 25, 1957

Card 2/2

BIBINA, I.A.; ~~IVANOV, I.A.~~; DIYEV, N.P.; YELISHYEV, I.S.; KLUSHIN, D.N.;
KUSAKIN, P.S.

Speeding up the bessemer process of converting copper matte by
oxygen-enriched air. TSvet. mat. 29 no.7:10-17 J1 '56.

(MLRA 9:10)

(Copper--Metallurgy) (Bessemer process)

VETRENKO, Ye. A., kandidat tekhnicheskikh nauk; SIDORENKO, R. A., inzhener.

Studying the kinetics of evaporation and temperature zones in the
condensation of zinc in various gas atmospheres. Trudy Ural.
politekh. inst. no. 60:199-205 '56. (MLRA 9:10)

(Zinc--Metallurgy) (Radioactive tracers--Industrial applications)

VETRENIKO, Ye.A.

Blow-out methods used in reverberatory furnaces. Trudy Inst. khim.
1 met. no.3:81-86 '55. (MIRA 9:2)

(Metallurgical furnaces)
(Copper--Metallurgy)

BABADZHAN, A.A., kand.tekhn.nauk; VETRENKO, Ye.A., kand.tekhn.nauk;
NAGIRNYAK, F.I., kand.tekhn.nauk; BERGARDT, M.S., red.izd-va;
IZMODENOVA, L.A., tekhn.red.; SEREDKINA, N.F., tekhn.red.

[Complete utilization of copper-zinc ores and concentrates]
Kompleksnoe ispol'zovanie medno-tsinkovykh rud i kontsentratsiy.
Sverdlovsk, Akad.nauk SSSR, Ural'skii filial, 1960. 169 p.
(14:1)

1. Nauchno-tekhnicheskoye obshchestvo tsvetnoy metallurgii.
Ural'skoye otdeleniye. 2. Institut "Unipromed" (for Babadzhan).
 3. Ural'skiy filial AN SSSR (for Vetrenko). 4. Institut "Ural-
mekhanobr" (for Nagirnyak).
- (Copper ores) (Zinc ores)

VETREMKO, Yu.

Construction committee and shop committees. Sov.profsoiuzy 16
no.16:41 Ag '60. (MIRA 13:8)

1. Predsedatel' postroykoma tresta "Tallinstroy."
(Tallinn-Construction workers)

L'VOV, B.K.; VETRIN, V.R.; KETRIS, M.P.

Geological position and petrographic characteristics of granitoids
in the Dzhabyksko-Suunduk region (Southern Urals). Vop. tagm. i metam.
2:54-95 '64. (MIRA 18:3)

VETRINSKIY, D.A.

Improving planning indices in ferrous metallurgy. Stal: 22
no.1:78-79 Ja '62. (MIRA 14:12)
(Steel industry--Accounting)

VETRINSKIY, G., insh. [Vietryns'kyi, H.], insh.

Semiautomatic machine for making cement-sand roofing tiles. Sil'.
bud. 10 no. 11:18-19. N '60. (MIRA 13:11)
(Tiles, Roofing)

VETRINSKIY, V., inzh.otryada; RYAKHOVSKIY, V., master sporta

Two distance records, Kryl. rod. 9 no.6:4-5 Je '58. (MIRA 11:6)
(Helicopters)

VETRINSKIY, V.

85-58-6-10/43

AUTHORS: Vetrinskiy, V., Engineer, and Ryakhovskiy, V., Master of Sports

TITLE: Two Distance Records (Dva rekorda dal'nosti); 1. On a Straight Run (Po pryamoy); 2. On a Triangular Run (Po treugol'nomu marshrutu)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 6, pp 4-5 (USSR)

ABSTRACT: The authors describe the heretofore nonexistent distance record flights made in a Mi-1 helicopter by Fedor Ivanovich Belushkin and Vasil'y Vasil'yevich Ryakhovskiy, sportsmen of the Central Aeroclub imeni V. P. Chkalov (Tsentral'nyy aeroklub imeni V. P. Chkalova). The first 794.918 km. flight on a straight run (Moscow - Vyaz'ma - Minsk - Baranovichi) was made by Belushkin in 5 hours 22 min. The second 555.376 km. flight on a triangular run (Tushino - Kaluga - Ryazan' - Tushino) was made by Ryakhovskiy [one of the authors] in 3 hours 59 min. The fuel system was modified by placing an auxiliary fuel tank, equal in volume to the main tank, into the pilot's cockpit, in place of the passengers' seats. The tanks, distributed at an equal distance from the center of gravity and connected by a gas fuel line, on the principle of communicating vessels, preserved the weight distribution

Card 1/2

85-58-6-10/43

Two Distance Records

of the helicopter. Ground experiments established that the fuel system operated faultlessly. The amount of fuel necessary to permit the pilot to select a suitable field and land on it in 12 to 14 min. was recorded on the fuel gage. The experiments also showed that a record flight could be made at an altitude above 500 m. and at a low air temperature. A detailed account of the two helicopter flights is given. There are two photographs of pilots Belushkin and Ryakhovskiy, and 1 diagram. Personalities mentioned include: engineer V. Vetrinskiy; technicians I. Lebedev, V. Kanov, I. Pinchuk.

ASSOCIATION: Central Aeroclub imeni V. P. Chkalov

1. Civil aviation--USSR

Card 2/2

ANTONOV, V.; VETRINSKIY, V.

Flight preparation in winter. Kryl.rod. 11 no.1:18-19
Ja '60. (MIRA 13:5)

(Airplanes--Cold weather operation)
(Aeronautics--Safety measures)

VETRINSKIY, V.

85-58-1-14/28

AUTHOR: Vetrinskiy, V. and Shabota, A.

TITLE: The Yak-11 Plane and Its Operation (Samolet Yak-11 i ego eksploatatsiya)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 1, pp 16-17 (USSR)

ABSTRACT: The authors state that the Yak-11 2-place trainer, designed by A. S. Yakovlev, has been used extensively by DOSAAF organizations in recent years for pilot training purposes. They give a detailed technical description of the Yak-11 and compare it with the Yak-18, noting its greater speed and ability to perform all acrobatic maneuvers. The adjustable oil radiator and other characteristics that distinguish it from the Yak-18 are described. Instructions

Card 1/2

85-58-1-14/28

The Yak-11 Plane and Its Operations

are given for the proper care and maintenance of different parts of the plane. There are 3 diagrams of the lubricating, fuel and pneumatic systems, a sketch of the student's cockpit, and a cutaway sketch of the whole plane.

AVAILABLE: Library of Congress

Card 2/2

HUNGARY

VETRO, Eszter, Dr; Institute for Advanced Medical Studies, Department of Rontgenology (Orvostovábbképző Intézet Röntgenológiai Tanszéke) (Chief: DEAK, Pal, Dr, professor).

"Herpes Zoster Appearing After X-Ray Irradiation."

Budapest, Magyar Radiologia, Vol XV, No 3, June 63, pages 161-163.

Abstract: [Author's English summary modified] The author reports the appearance of herpes zoster after irradiation treatment in six patients. In the author's opinion, irradiation may play a role in the appearance of herpes zoster. Further observations are needed for the elucidation of the mechanism of action. 1 Hungarian, 8 Western references.

1/1

18

VETRO, Eszter, dr.

Herpes zoster following roentgen irradiation. Magy. radiol. 15 no.3:
161-163 Ja '63.

1. Orvostudásközpont Intézet Röntgenológiai Tanszéke (Vezető:
Deák Pál dr. egyetemi tanár).

(RADIATION INJURY) (HERPES ZOSTER)
(RADIOTHERAPY)

HUNGARY

KORANYI, Gyorgy, Dr, NABRADY, Janos, Dr, VETRO, Eszter, Dr: Institute of Postgraduate Medical Education, II. Department of Pediatrics (chairman: STEINER, Bela, Dr) and Department of Radiology (chairman: DEAK, Pal, Dr) (Orvostovabbkepzo Intezet, II. Gyermekgyogyaszati Tanszek es Rontgenologiai Tanszek), Budapest.

"Myositis Ossificans Progressiva (MOP)."

Budapest, Orvosi Hetilap, Vol 107, No 32, 7 Aug 66, pages 1514-1517.

Abstract: [Authors' Hungarian summary] The case of a 12 year old boy is described whose disease was diagnosed as MOP on the basis of the clinical, histological and radiological findings. The MOP was accompanied by true exostosis multiplex cartilaginea. In connection with this rare disease, the literature aspects of MOP, its incidence, pathological characteristics and the problems of treatment are discussed. 5 Hungarian, 16 Western references.

VETRO, J.

DOSA, Andras; VETRO, Janos

Bacteriological examination of suddenly died infants in enteritis.
Gyermekgyógyászat 9 no.1-3:51-57 Jan-Mar 58.

1. A Szegedi Orvostudományi Egyetem Igazságügyi Orvostani Intézetének
(Igazgató: Dr. Fazekas I. Gyula egyetemi tanár) és a Közegészségügyi
Járványügyi Allomás (Igazgató: Dr. Vetro Janos) közleménye.

(ENTERITIS, in inf. & child

bacteriol. exam. of suddenly died inf. (Hun))

TIMAR, A.; YETRO, J.; PENZES, M.

Experiences in incidence and spread of enteral infections in infant and child. Acta med. hung. 6 no.3-4:379-389 1954.

1. Kinderklinik der Medizinischen Universität und Station des Staatlichen Instituts für Gesundheitswesen, Szeged.
(GASTROINTESTINAL DISEASES, in inf. & child
dyspepsia, etiol. & seasonal variations)

HUNGARY/Human and Animal Pathogens

F

Abs Jour : Ref Zhur Biol., No 1, 1959, 788

Author : Dosa, A., Vetro, J.

Inst : -

Title : Bacteriological Studies on Breast Fed Children with
Intestinal Disease

Orig Pub : Gyermekgyógyászat, 1958, 9, No 1-3, 51-57

Abstract : No abstract.

Card 1/1

- 24 -

VETRO J.

TIMAR, Alice, dr.; VETRO, Janos, dr.; PENZES, Margit, dr.

Experiences in occurrence and spread of enteral infections in infant and child. Orv. hetil. 95 no.37:1010-1014 12 Sept 54.

1. A szegedi Gyermeklinika es a szegedi OKI Vizsgaloallomas kozlemenye

(GASTROINTESTINAL DISEASES, in inf. & child
incidence & epidemiol. in hosp.)

(DIARRHEA, in inf. & child
incidence & epidemiol. in hosp.)

VETROGON, F. G., Candidate of Med Sci (diss) -- "The effect of Tskhaltubo baths on the course of experimental atherosclerosis". Tbilisi, 1959, published by the Acad Sci Georgian SSR. 18 pp (Tbilisi State Med Inst), 200 copies (KL, No 21, 1959, 119)

Various forms of impairment of cerebral blood circulation

TOPIC TAGS: brain, blood circulation, protein

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CIA-RDP86-00513R001859620018-1"

ASSOCIATION: none

24-01-7

VETROGON, F.G.; RATIANI, Ye.G.

Protein fractions, lipoproteins and glycoproteins of the blood in various forms of disturbance of the blood circulation of the brain.

Soob. AN Gruz. SSR 35 no.2:319-324 Ag '64.

(MIRA 17:12)

VETROGON, F.().

Effect of TSkhaltubo baths on the development of arteriosclerosis
in rabbits with an experimental neurosis. Soob. AN Gruz.SSR 21
no.3:355-358 S '58. (MIRA 12:4)

1. Gruzinskiy gosudarstvennyy nauchno-issledovatel'skiy institut
kurortologii i fizioterapii, Tbilisi. Predstavleno chlenom-korres-
pondentom Akademii AN Bakuradze.
(Arteriosclerosis) (TSkhaltubo--Baths)

VETROGRADSKIY, S.

Field practice for mechanizers. Prof.-tekh. obr. no.10:5-6 0 '55.

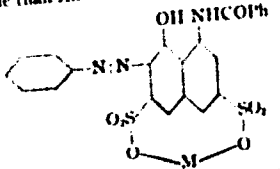
**1.Direktor uchilishcha mekhanizatsii sel'skogo khozyaystva no.6,
Moskovskaya oblast'.**

(Moscow Province--Farm mechanization--Study and teaching)

VEITROV, A.
CA

25

Lake azo dyes. Benzoyl-H acid derivatives. 1. Kagan and A. Veitrov. *Ing. Chem. Ind.* (U. S. S. R.) 3, Jan 7: (1967); *Chem. Zvest.* 1938, 1, 4722 3. An investigation of the data given in German patents 180,180 and 272,802 4. The azo dyes produced by coupling with benzoyl-H acids give brilliant lakes when pptd. with Al and Al as, e. g., the combination with aniline (1). The azo dye obtained from aniline and benzoyl-H acid has a purer tone than Antoon B from *p*-nitroaniline.



W. A. Storer

ASB-35A METALLURGICAL LITERATURE CLASSIFICATION

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SECTION HUNDRED

SHEVCHENKO, V., konstruktor (Frunze); LEVENOK, A.; PLODUNKHIN, A.
(Saransk, Mordovskoy SSR); NIKHEL'MAN, A.; MART'YANOV, I.
(Ivanovb); VETROV, A., mekhanik (stantsiya Novki, Vladimirskaia
oblast')

From reader to reader. Tekh.mol. 31 no.2:28-29 '63.
(MIRA 16p6)

1. Burlinskiy sovkhos, Kunashakskiy rayon, Chelyabinskaya
oblast', (for Nikhel'man).
(technological innovations)

VETROV, A.; RADCHENKO, G.

Republic of Guinea. Vneah. ~~torg.~~ 41 no.9:13-17 '61.

(MIRA 14:8)

(Guinea--Economic conditions)

VETROV, An.; L'VOV, B.

Flying assembler. Grazhd.av. 17 no.7:9-10 J1 '60.(MIRA 13:8)
(Helicopters--Industrial applications)

VETROV, A.A. (Moskva)

Productive thinking and association. Vop.psikhol. 5 no.6:
157-163 N-D '59. (MIRA 13:4)
(Thought and thinking)

VETROV, A.A. (Moskva)

Reducing the weight of wooden prosthesis. Ortop., travn. 1 protez.
1 protez. 17 no.1:65 Ja-F '56. (MLEA 9:12)
(PROSTHESIS)

SHCHEPERIN, G.M.; VETROV, A.G.; LASHKOV, B.P.

Experience in using aerial photographic survey materials
for the zoning of areas according to conditions under which
prospecting is to be conducted. Vop. rud. geofiz. no.5:
68-75 '65. (MIRA 18:9)

41161

S/169/62/000/009/057/120
D228/D307

21.6000,

AUTHOR: Vetrov, A. G.

TITLE: Question of calibrating pedestrian gamma-radiometers

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 42, abstract 9A280 (In collection: Vopr. rudn. geofiz., no. 3, M., Gosgeoltekhizdat, 1961, 79-84) ✓

TEXT: The method proposed for calibrating gamma-radiometers is based on the principle that the dispersion of γ -rays of a water-air model with a point radium source is equivalent to the scattering of γ -radiation by a semilayer with a uniform equilibrium uranium content. The calibrated model is a water-filled cylindrical vessel, more than 30 cm in diameter and about 35-40 cm in height. The point radium source is placed on the vessel's axis at a depth h from the water level. The center of the radiometer's pickup is placed on the extension of the cylinder's axis at a height H above the water level. Experimental measurements with different types of radiometer established that, when $H = 10$ cm and $h = 18$ cm, the ratio of

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Question of calibrating ...

S/169/62/000/009/057/120
D228/D307

the values of the γ -field on the surface of the bed containing equilibrium uranium and the γ -field of the water-air model with a radium concentration m_0 in the standard remains constant and equals $(0.66 \pm 0.08) \times 10^{-3}$ g Ra/1% U. The sequence of operations is described for the calibration of radiometers by the proposed method. It is noted that the fundamental difference of the proposed method of calibration consists in the possibility of taking into account the effective recording of not only direct (primary) radium γ -radiation but also dispersed γ -rays. [Abstracter's note: Complete translation.] ✓

Card 2/2

S/169/62/000/006/047/093
D228/D304

AUTHOR: Vetrov, A. G.

TITLE: Radiometric determination of uranium in four-component samples

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 35, abstract 6A264 (V sb. Vopr. rudn. geofiz., no. 2, M., Gosgeoltekhizdat, 1961, 102-104)

TEXT: A method is suggested for the separate radiometric determination of low uranium concentrations in the presence of unbalanced Ra, Th, and K. The technique is a development of the β - γ -method. To the usual system of two equations, derived through measuring the β - γ -activity of natural samples, is added a third, linearly independent equation, obtained as a result of measuring the β -threshold radiation of a sample. This provides the possibility of determining low uranium concentrations when the equations' potassium terms become commensurate with the uranium members. The measurements were made on serial laboratory apparatus $\Delta A-49$ (DA-49) with an AC-2 (AS-
Card 1/2 ✓

Radiometric determination of ...

S/169/62/000/006/047/093
D228/D304

2) counter. Three measurements were carried out with the AS-2 counter: with a paper shield, an aluminum shield 0.5 mm thick, and a brass shield of 2 mm in thickness. Radioactive powdered samples were measured in cylindrical containers, 30 mm in diameter and 100 mm in height; these were placed in a lead housing with a wall thickness of 25 mm in order to raise the sensitivity. An AS-2 B-tube was arranged along the cylinder's axis. The sample layer's thickness was 10 mm, the sample weight being 80 - 120 g. The duration of the measurements with the aluminum and the brass shields was 30 - 60 min, being 10 - 15 min in the case of a paper filter. The phon was 33 - 34 imp/min. The lower uranium concentration threshold, accessible for determination by the described method, comprises 0.001 - 0.0015%. The error constitutes $\pm 4 - 5 \cdot 10^{-4}\%$. Data given in a table show that the actual divergences of the results of the radiometric determination of uranium agree well with the calculated values for the errors. / Abstracter's note: Complete translation. /

Card 2/2

VETROV, A.G.

Method of approximative calculation of gamma fields at surface
mine workings. Vop.rud.geof. no.2:115-121 '61. (MIRA 15:4)
(Gamma rays) (Mining engineering)

VETROV, Andrey Konstantinovich; VOZDVIZHENSKIY, B.I., red.;
NEMANOVA, G.F., red.izd-va; SHMAKOVA, T.M., tekhn. red.

[Accidents during core drilling and methods to control
them] Avarii pri kolonkovom burenii i sposoby bor'by s
nimi. Moskva, Gosgeoltekhizdat, 1963. 153 p.
(MIRA 16:12)

(Oil well drilling—Safety measures)

18(5)

SOV/132-59-4-7/17

AUTHOR: Vetrov, A.K. and Chekavy, Yu.I.

TITLE: To the Question of Changing the Flushing Conditions in Shot Drilling.

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 4, pp 25-28 (USSR)

ABSTRACT: According to the instructions issued by the Ministersvo geologii i okhrany nedr SSSR (the Ministry of Geology and Conservation of Mineral Resources of the USSR), the volume of flushing fluid delivered into a drilled hole is 3 liters/min for each cm of the core bit, that is 33 or 27 liters/min for currently used bits of 110 and 91 mm. The authors found that the maximum technical speed and drilling is achieved when as much as 65 to 70 liters/min of fluid are used for bits of the above dimensions and a pressure of 27 to 37 kg/sq cm. Moreover, when the drilling conditions are correctly chosen, the results of drilling with cast iron shot are as good as with

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SOV/132-59-4-7/17

. To the Question of Changing the Flushing Conditions in Shot Drilling.

steel shot. The number of accidents is considerably reduced when the volume of flushing fluids recommended by the authors is used. The instructions issued by the Ministry must be so modified. There are 5 tables 1 graph and 2 Soviet references.

ASSOCIATION: Severo-Kazakhstanskoye geologicheskoye upravleniye.
(The North-Kazakhstan Geologic Administration).

Card 2/2

SOV/3-59-3-34/48

AUTHOR: Vetrov, A.N.

TITLE: Intervuz Scientific Conferences (Mezhvuzovskiye nauchnyye konferentsii) - A Conference on the Synthesis of Monomers (Konferentsiya po sintezu monomerov)

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 3, pp 69-70 (USSR)

ABSTRACT: The First Scientific-Technical Conference, which was devoted to questions of synthesis of initial products and monomers, took place recently at the Yaroslavskiy tekhnologicheskii institut (Yaroslav Technologic Institute) and was attended by scientists from Moscow, Leningrad, Dzerzhinsk and many other cities of the Soviet Union, and representatives of the Higher Technical School of Czechoslovakia. Representatives of the Gosudarstvennyy nauchno-tekhnicheskii komitet (State Scientific-Technical Committee) attached to the USSR Council of Ministers, Gosudarstvennyy komitet Ministrov SSSR po khimii (State Committee on Chemistry

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SOV/3-59-3-34/48

Intervuz Scientific Conferences - A Conference on the Synthesis
of Monomers

of the USSR Council of Ministers), USSR Ministry of Higher Education, Yaroslav' Sovnarkhoz, institutes of the USSR Academy of Sciences and of the AS of the other republics, allied institutes and plants participated in the plenary and section meetings. The plenary meeting dealt with problems facing Soviet chemists at present, and with the present state of science and the production of polymers. The delegates heard the reports of Professors I.P. Losev and D.Ya. Dankin (Moskovskiy khimiko-tekhnologicheskii institut - Moscow Chemico-Technological Institute) on the state and problems of chemistry and technology of obtaining synthetic caoutchoucs and monomers for them. The scientists' discussions showed that the scientific administrations and higher educational institutions are still giving little attention to questions of developing new methods of synthesis and searching new sources of obtaining monomers. However, the lack of monomers will inevitably hamper the production of

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SOV/3-59-3-34/48

Intervuz Scientific Conferences - A Conference on the Synthesis of Monomers

high-polymers. Several speakers pointed out that the theoretical problems of the synthesis of monomers, polymers and auxiliary materials are being developed by scientists in a poor manner. Many orators emphasized the necessity for a broader development in the chemistry of inorganic high-polymers which hold remarkable properties of mechanical and thermal stability. Interesting suggestions were expressed in connection with developing work on expanding the raw material basis for monomers (natural gas, oil processing gases, products from processing coal, carbocyclic and heterocyclic systems, including lignin, furfurole and other compounds). It is particularly important to develop methods for utilizing lumbering waste. The huge reserves of unused waste of the lumber industry could give great quantities of valuable chemical compounds after adequate reprocessing. The suggestion to increase the training of engineers-technologists and mechanical engineers on monomers

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SOV/3-59-3-34/48

Intervuz Scientific Conferences - A Conference on the Synthesis
of Monomers

and polymers, to compose textbooks, manuals and monographs on basic organic synthesis, synthetic materials and their processing was approved by the conference. The conference members appealed to the scientists of the Soviet Union to intensify the work for obtaining new kinds of monomers and polymers, to pay more attention to research on theories of chemical processes, to the construction of new kinds of chemical machinery and apparatus, to problems of automation of technological processes, to studying and utilizing processes emanating from atomic energy, and to problems of obtaining pure monomers, on the quality of which depend the processes and properties of polymers obtained. Party and Soviet organizations of the town and oblast' as well as the Sovnarkhoz of

Card 4/5

SOV/3-59-3-34/48

Intervuz Scientific Conferences - A Conference on the Synthesis
of Monomers

the Yaroslav Administrative Economic District were
greatly instrumental in organizing the conference.

ASSOCIATION: Ministerstvo vysshego obrazovaniya SSSR (USSR Ministry
of Higher Education)

Card 5/5

TARUSOVA, N.B.; VETROV, A.N.; PREOBRAZHENSKIY, N.A.

Synthetic study of flavonoids. Part 5: Synthesis of eriodictyol-7-glycoside and its methyl ether. Zhur. ob. khim. 34 no.10:3300-3303 0 '64. (MIRA 17:11)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V. Lomonosova.

BONDARENKO, V.M., inzh.; VETROV, A.N., inzh.

Selection of oil samples for analysis from oil-filled 110 kv.
cable line systems. Energetik 12 no.12:1-5 D '64
(MIRA 18:2)

BONDARENKO, V.M., inzh.; VETROV, A.N., master

Operation of the oil supply department of 110-220 kv. oil-filled
cable lines in the Moscow Regional Power System Administration.
Energetik 12 no.5:26-30 My '64. (MIRA 17:6)

NESTEROV, P.P., prof.; SHABANOV-KUSHNARENKO, Yu.P., kand.tekhn.nauk;
GONCHARENKO, N.K., inzh.; VETROV, A.P., inzh.

Stretching of wire cables. Sbor. trud. Inst. gor. dela AN URSSR
no.12:120-134 '61. (MIRA 15:11)

1. Chlen-korrespondent AN UkrSSR (for Nesterov).
(Wire rope) (Strains and stresses)

NESTEROV, P.P.; VETROV, A.P.; MOSIYCHUK, K.A.

Increasing the static strength of steel ropes. Standartizatsiia
28 no.8:10-12 Ag '64. (MIRA 17:11)

FEDOROVA, Zoya Mikhaylovna. Prinimali uchastiye: PANASYANTS, A.G., inzh.; GRETISOV, V.L., kand.tekhn.nauk; VOLOKONSKIY, V.F., kand.tekhn.nauk; VETROV, A.P., inzh.; BAHUZDIN, M.A., otv.red.; SHOROKHOVA, A.V., red.izd-va; PROZOROVSKAYA, V.B., tekh.red.; BOLDYREVA, Z.A., tekh. red.

[Collected examples and problems on mine hoisting equipment] Sbornik primerov i zadach po rudnichnym podzemnym ustanovkam. Moskva, Gos.nauchno-tekh.izd-vo lit-ry po gornomu delu, 1961. 352 p. (MIRA 14:12)

(Mine hoisting)

NESTEROV, P.P.; VETROV, A.P., inzh.

Effect of the parameters of steel wire rope coiling on its durability.
Izv.vys.ucheb.zav.;gor.zhur. 7 no.7:103-109 '64.

(MIRA 17:10)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i
vychislitel'noy tekhniki. 2. Chlen-korrespondent AN UkrSSR (for
Nesterov).

BC

A-1

Adialimetry in presence of nitrite. A. R.
YERMOY (J. Appl. Chem. Russ., 1936, 9, 772—774).—
2 g.-mol. of H₂O₂, per g.-mol. of HNO₃, present are
added to 20 ml. of the alkaline solution at 50–60°.
50 ml. of 0.1N-H₂SO₄ are added, followed by 3 drops
of 0.2% Me-red, and the solution is titrated with
0.1N-NaOH.

R. T.

ANALYSTS METALLURGICAL LITERATURE CLASSIFICATION

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7

PROCESSES AND PROCEDURES INDEX

Determination of nitrates in the presence of nitrites

1 and some organic substances. A. S. Matrosov. *J. Applied Chem.* (U. S. S. R.) 9, 1158-57 (1936).—By means of the modified $\text{Cr}_2\text{O}_7^{2-}$ method it was shown that the reaction $\text{Fe}^{2+} + \text{NO}_3^- + \text{H}^+$ proceeds quantitatively in the presence of Cl^- and SO_4^{2-} . In this method the suspension of NaHCO_3 and the introduction of solid NaHCO_3 were substituted with a CO_2 stream and a pure-water trap. Solid Na_2CO_3 was used instead of AcONH_4 . NO_3^- completely decomposes on acidifying the hot soln. with H_2SO_4 and does not interfere with the NO_2^- detn. The preliminary oxidation of the OH groups of various org. substances in meat brine and double bonds in albumin with alk. MnO_4^- , excess of which is reduced with Fe^{2+} , eliminates all errors in NO_2^- detn. The method is described and data are tabulated. Twenty-three references. A. A. Podgornov

ASH-SLA DETAILING LITERATURE CLASSIFICATION

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Binary systems containing carbamide, A. 8.
 Verrooy, J. Gen. Chem. Russ., 1937, 7, 1093 (1095).
 Hydrate formation is not observed in the system
 $\text{CO}(\text{NH}_2)_2\text{-H}_2\text{O}$. Formation of a 1:2 compound
 is confirmed for the system $\text{CO}(\text{NH}_2)_2\text{-AcOH}$.
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R. T.

ASB-51 METALLURGICAL LITERATURE CLASSIFICATION

11

7

Iodometric determination of saltpeter. A. S. Vetrov.
J. Applied Chem. (U. S. S. R.) 10, 751-4 (in German 754)
(1937).—Treat the sample of saltpeter with Cr_2O_3 and
 Na_2CO_3 at 800-900° for 5 min. and cool while passing a
 CO_2 stream through the reaction chamber. Dil. the prod-
uct to 500 cc. and titrate the aliquot in the presence of KI
and HCl with 0.01 N $\text{Na}_2\text{S}_2\text{O}_4$. A. A. Podgorny

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Mercurimetric determination of ferrous ion. A. S.
Vetrov (Moscow Meat Ind. Inst.). Zashchita Lab. 10.
302 (1950).—To det. Fe^{++} or other ion capable of reduc-
 ing ClO_4^- to Cl^- boil the strongly acidic soln. with a
 slight excess of KClO_4 for 5 min. to cause the reaction
 $6\text{Fe}^{++} + \text{ClO}_4^- + 6\text{H}^+ = 6\text{Fe}^{+++} + \text{Cl}^- + 3\text{H}_2\text{O}$ to
 take place. Add NaF soln., after the boiling, to change
 Fe^{+++} to FeF_6^{3-} . Before titrating, add enough HNO_3
 to make a N soln. and a little H_2O_2 if nitrous fumes are pres-
 ent. Titrate with standard HgNO_3 in the presence of
 diphenylcarbazide indicator (1 g. diphenylcarbazide +
 1 ml. 30% H_2O_2 + 10 ml. AcOH + 100 ml. water). Filter
 and dissolve the ppt. in 100 ml. EtOH until the sus-
 pended Hg_2Cl_2 assumes a bluish color. G. M. K.
Chelates in the confirmation of organic compounds.
 Alfred J. Moses (Iowa State Coll., Ames). *J. Chem.*
Education 27, 337 (1950).—A comparison of colored chelates
 of a known to those of the unknown is suggested.
 W. H. Slabaugh

VETROV, A. S.

VETROV, A. S. - "Mercurimetry in Volumetric Analysis." Sub 11 Apr 52,
Moscow Order of Lenin State U imeni M. V. Lomonosov. (Dissertation
for the Degree of Doctorates in Chemical Sciences).

SO: Vechernaya Moskva January-December 1952

VETROV, A.S.

3

✓ Mercurimetric determination of chloride in the presence of various ingredients. A. S. Vetrov, *Trudy Khim. Tekhnol. Inst. Akad. Nauk SSSR*, 1954, No. 2, 103-107. Referat. Zhur., Khim. 1954, No. 48557. — The effects of acidity, colored ions, and some cations and anions and oxidizing agents on the mercurimetric determination of chloride as an absorption indicator was studied. The effect of 0.1 N HCl with approximately 0.1 N HgCl₂ in the presence of HNO₃. The acid range for the determination was determined to be 0.1 N. The permissible amount of interfering ions was determined to be: Cu²⁺ (green) 0.008, and Cr³⁺ (violet) 0.001. Ni²⁺, K⁺, Al³⁺, Zn²⁺, and Bi³⁺ were not determined. Mn²⁺, Pb²⁺, and Cd²⁺ were not determined. The effect of HgCl₂ on the determination of chloride was studied.

111

VETROV, Aleksandr Stepanovich; POPOV, Nikolay Vasil'yevich;
KHUDYAKOV, G.V., red.

[Geography of Orenburg Province] Geografiia Orenburgskoi
oblasti. Orenburg, Orenburgskoe knizhnoe izd-vo, 1964.
56 p. (MIRA 18:1)

FEYGIN, Ya.G., doktor ekon. nauk; YANITSKIY, N.F., doktor geogr. nauk; ZHIRMUNSKIY, M.M., doktor geogr. nauk; ALAMPIYEV, M.P., doktor ekon. nauk; KOSTENNIKOV, V.M., kand.ekon. nauk; BUYANOVSKIY, M.S., kand. geogr. nauk; SHISHKIN, N.I., doktor geogr. nauk; MOSKVIN, D.D., kand.ekon. nauk; GURARI, Ye.L., kand.ekon.nauk; VETROV, A.S., kand.geogr. nauk; LISETSKAYA, A.P., red.; PONOMAREVA, A.A., tekhn. red.

[Methodological problems of economic geography] Metodologicheskie voprosy ekonomicheskoi geografii. Moskva, Ekonomizdat, 1962. 278 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk USSR i Institut ekonomiki Akademii nauk SSSR (for Feygin).
 2. Institut geografii Akademii nauk SSSR (for Yanitskiy, Zhirmunskiy, Buyanovskiy).
 3. Institut ekonomiki mirovoy sotsialisticheskoy sistemy Akademii nauk SSSR (for Alampiyev).
 4. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta Ministrov SSSR (for Kostennikov).
 5. Nauchno-issledovatel'skiy institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR (for Shishkin).
 6. Institut ekonomiki Akademii nauk SSSR (for Moskvina).
 7. Orenburgskiy pedagogicheskiy institut (for Vetrov).
- (Geography, Economic--Methodology)

VETROV, A.S.

School geography and training a geography teacher. Geog.v shkole
22 no.3:64-66 My-Je '59. (MIRA 12:11)

1. Orenburgskiy pedagogicheskiy institut.
(Geography--Study and teaching)

VETROV, A.S.

Stages in the development of scientific thought in the area of
economic zoning in prerevolutionary Russia. Izv. AN SSSR. Ser.
geog. no. 6:79-87 N-D ' 58. (MIRA 11:12)

1. Orenburgskiy pedagogicheskiy institut.
(Economic zoning)

SOV/10-58-6-8/21

AUTHOR: Vetrov, A.S.

TITLE: ~~_____~~
Stages in the Development of Scientific Thought in the Field of
Economic Regionalization in Pre-revolutionary Russia (Etapy razvitiya
nauchnoy mysli v oblasti ekonomicheskogo rayonirovaniya v dorevolyu-
tsionnoy Rossii)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958, Nr 6,
p 79-87 (USSR)

ABSTRACT: The article describes the various stages in the development of
scientific thought with respect to the division of pre-revolutionary
Russia into economic regions. There are 13 Soviet references.

ASSOCIATION: Orenburgskiy pedagogicheskiy institut (The Orenburg Pedagogical
Institute)

Card 1/1

LA

VETROV, A. S.

12

Determination of chlorides in milk products with the aid of mercury. A. Vetrov (Moscow Inst. Meat Ind.). *Molokhodye Prom.* 10, No. 10, 29-31 (1949).—In a typical analysis, 4 g. cheese sample in 50 ml. hot H_2O and 10 ml. N NaOH is heated until the protein matter dissolves, cooled, treated with 10 ml. HNO_3 (d. 1.2), dild. to 100 ml., filtered, a 10-ml. aliquot treated with 6-8 drops concd. HNO_3 and 4-6 drops alc. soln. of diphenylcarbazone (adsorption indicator; readily prepd. by H_2O_2 oxidation of diphenylcarbazide), then titrated with 0.1 N $Hg_2(NO_3)_2$ until blue color. The method gives results as good as those obtained with the more expensive $AgNO_3$ titration. G. M. K.

VETROV, A.S.

New features in the economic geography of the U.S.S.R. Geog.
v shkole no.6:1-5 M-D '53. (MLHA 6:12)
(Geography, Economic)

BABAYAN, I.M.; VETRCV, A.T.

Composite tie ropes. Sbor.rats.predl.vnedr.v proizvod. no.1:26
'61. (MIRA 14:7)

1. Azerbaydzhanskiy truboprokatnyy zavod.
(Rope)

VETROV A.V., kand.tekhn.nauk, dotsent

Industrial accidents in construction work and how to reduce their
number. Trudy GISI no.43:89-92 '63. (MIRA 17:4)