"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A.

Some properties of a system of space conics intersecting twice a certain fixed conic. Uch. zap. MOPI 20:145-172 '54. (MLRA 10:7)

(Geometry, Analytic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L. A.

USSR/Geology - Geochemistry

Card 1/1 : Pub. 22 - 31/44

Authors : Gulyaeva, L. A.

Title : Geochemical indicators of the oxidation-reduction characteristics of sedimentations of sea terrigenous deposits

Periodical : Dok. AN SSSR 98/6, 1001-1004, October 21, 1954

Abstract : Data on the oxidation-reduction characteristics of sea terrigenous deposits are presented. It was found that the increase in the content of organic carbons in such deposits is parallel with the increase of sulfide sulfur and that the accumulation of these two substances is conjugated. A sharp jump in the bitumen content was observed between the oxidation and reduction characteristics. Four USSR references (1926-1953). Table.

Institution : Academy of Sciences USSR, Petroleum Institute

Presented by: Academician S. I. Mironov, May 24, 1954

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A.

Gulyaeva, Lidiya A. Geokhimiya otlozheniy devona i karbona Kuibyshevskogo Povolzh'ya (Geochemistry of the Devonian and Carboniferous Deposits in the Kuibyshev Shore of the Volga). Moscow: Izdatel. Akad. Nauk S.S.S.R. 1960. 140 pp.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

15-1957-10-14173

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 129 (USSR)

AUTHOR: Gulyayeva, L. A.

TITLE: The Oxidation-Reduction Environment and the Organic Material in the Devonian Rocks of the Volga-Ural Region (Okislitel'no-vosstanovitel'nyye obstanovki i organicheskoye veshchestvo otlozheniy devona Volgo-Ural'skoy oblasti)

PERIODICAL: V sb.: Neftegazonosnost' Uralo-Volzhsk. obl., Moscow, AN SSSR, 1956, pp 242-245

ABSTRACT: A review of the normal oxidation-reduction potentials of a series of organic compounds and of the reversible oxidation-reduction systems forming the compounds of Fe^{3+} and Fe^{2+} ($Fe^{3+} + e \rightleftharpoons Fe^{2+}$) and of sulfur ($S + 2e \rightleftharpoons S^{2-}$; $S + H_2O + 2e \rightleftharpoons Hs^{1-} + OH^{1}$) has shown that the normal oxidation-reduction potential of organic compounds (organic-pigments and oxides) lies in the range + 0.15 to − 0.18 v. The potentials of a system

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15-1957-10-14173

The Oxidation-Reduction Environment and the Organic Material in the Devonian Rocks of the Volga-Ural Region

of ions of Fe^{3+} and Fe^{2+} lie in the zone of high positive potentials +0.774 v, but potentials of systems containing S^{2-} or HS^{1-} lie in the zone of negative potentials. In rocks the indicators of reducing processes (relative to organic Material) are sulfide compounds (pyrite, marcasite, hydrotroilite, and others). The formation of siderite is associated with the oxidation of organic material and with the reduction of iron oxides $Fe[Fe(OH)_3$ or $Fe_2O_3]$. The accumulation of the sulfide form of S results from the reduction of sulfates during an earlier period of diagenesis of the sediments. The sulfates originated in marine waters. During reduction of the Fe by oxidation of organic material, a number of authigenic minerals which use ferrous iron oxide are formed: siderite and leptochlorite. The average content of organic C in all the samples examined from the Devonian rocks is 0.55%. The argillaceous and marly rocks are several times as rich in organic C as sandstones, which locally have no more than a trace and usually do not exceed a content of 0.1 to 0.3%. Argillaceous rocks commonly have 1% organic C or more. The content

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15-1957-10-14173

The Oxidation-Reduction Environment and the Organic Material in the Devonian Rocks of the Volga-Ural Region

of the sulfide form of S in rocks commonly exceeds that of sulfates, and the accumulation of sulfides, as with organic C, is confined chiefly to clays and marls. A distinct relationship between the type of oxidation-reduction environment and the content of organic C has been ascertained. In a strongly reducing environment the organic C averages about 2%; in a moderate reducing environment organic C averages about 1%; under weakly reducing conditions it is about 0.5%; and for oxidizing and sub-oxidizing conditions the organic C does not exceed 0.1 to 0.2%. The absence of humic acid is a general characteristic feature of the organic material in all the Devonian rocks examined.

Card 3/3 K. N. Ryabicheva

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

ALEKSEYEV, F.A.; BARS, Ye.A.; GULYAYEVA, L.A.; GLEZER, V.G.; GAVRILENKO, Ye.S., KOGAN, S.S.

Erroneous interpretation of V.A. Sulin's genetic classification of waters. Geol. nefti 1 no.6:66-69 Je '57. (MLRA 10:8)
(Water, Underground--Analysis)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GLADYSHEVA, G.A.; KOZLOV, V.P.; TOKAREV, L.V.; GULYAYEVA, L.A., red.; KULYANINA, T.A., vedushchiy red.

[Studies on the geochemistry of organic matter in coal-bearing deposits of the lower Carboniferous in the Perm area of the Kama Valley with reference to petroleum genesis] Opyt izucheniia geokhimii organicheskogo veshchestva uglenosnykh otlozhenii nizhnego karbona Permskogo Prikam'ia v sviazi s genezisom nefti. Moskva, Gos.nauchno-issl.in-t nauchn.i tekhn.informatsii, 1959. 59 p.
(Perm Province--Petroleum geology) (MIRA 13:9)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

14(5) SOV/7-59-2-9/14

AUTHORS: Gulyayeva, L. A., Lositskaya, I. F.

TITLE: Determination of the Germanium Content of Petroleums of the Soviet Union (Issledovaniye soderzhaniya germaniya v neftyakh Sovetskogo Soyuza)

PERIODICAL: Geokhimiya, 1959, Nr 2, pp 152-158 (USSR)

ABSTRACT: The methods developed by V. A. Nazarenko et al. (Ref 1) (Giredmet) were applied to the determination of germanium: petroleum was incinerated, $GeCl_4$ distilled off, and determined colorimetrically by means of phenyl fluorone. Errors of the colorimetric method are 1 - 2.10^{-6}%, but in this case are higher due to losses incurred during incineration (Table 1). Average germanium contents in the most important petroleum deposits of the USSR are (in g/t):

Sakhalin	0.015	(Table 2)	Tatariya	0.053	(Table 6)
Azerbaydzhan	0.063	(Table 3)	Kuybyshevskaya oblast'	0.033	(Table 8)
Fergana	0.034	(Table 4)	Orenburgskaya oblast'	0.150	(Table 7)
Bashkiriya	0.044	(Table 5)			

The highest germanium contents determined were (in g/t):

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SOV/7-59-2-9/14

Determination of the Germanium Content of Petroleums of the Soviet Union

Azerbaydzhan	0.32	Tatariya	0.16
Fergana up to	0.26	Orenburgskaya oblast'	0.69

There are 8 tables and 1 Soviet reference.

ASSOCIATION: Institut nefti AN SSSR, Moskva
(Institute of Petroleum AS USSR, Moscow)

SUBMITTED: July 22, 1958

Card 2/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

ZUL'FUGARLY, D.I.; GULYAYEVA, L.A., red.; VISHNEVITSKAYA, I.A., red.izd-va; AKHMEDOV, S., tekhn. red.

[Distribution of minor elements in caustobioliths, organisms, sedimentary rocks, and formation waters] Rasprostranenie mikroelementov v kaustobiolitakh, organizmakh, osadochnykh porodakh i plastovykh vodakh. Baku, Izd-vo Azerbaidzhanskogo univ., 1960. 229 p. (MIRA 15:4)

(Trace elements)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A.; ZAV'YALOV, V.A.; PODEL'KO, Ye.Ya.; SARKISYAN, S.G., prof., otv. red.; MAKARENKO, M.G., red. izd-va; ROMANOV, G.N., tekhn. red.

[Geochemistry of domanik sediments in the Volga-Ural region] Geokhimiia domanikovykh otlozhenii Volgo-Ural'skoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p. (MIRA 14:8)
(Volga-Ural region--Shale)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A., doktor geol.-min. nauk, otv. red.; PERSHINA, Ye.G., red.; UL'YANOVA, O.G., tekhn. red.

[Geochemistry of caustobioliths and deposits of them] Geokhimiia kaustobiolitov i ikh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 196 p. (MIRA 15:7)

1. Akademiya nauk SSSR. Institut geologii i razrabotki goryuchikh iskopayemykh.

(Caustobioliths)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A., otv. red.; SAVINA, Z.A., red. izd-va; VOLKOVA, V.G., tekhn. red.

[Geochemistry of oil and oil fields] Geokhimiia nefti i neftianykh mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p. (MIRA 15:2)

1. Akademiya nauk SSSR. Institut geologii i razrabotki goryuchikh iskopayemykh.
(Petroleum--Analysis) (Geochemical prospecting)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A.; ITKINA, Ye.S.

Halogens and vanadium, nickel and copper in coals. Geokhimiia no.4:345-355 '62. (MIRA 16:7)

1. Institute of Geology and Development Combustible Minerals, Academy of Sciences, U.S.S.R., Moscow.
(Trace elements) (Rocks, Sedimentary)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

L.A. GULYAYEVA, Ye. S. ITKINA (USSR)

"On migration of halogens in sedimentary rocks."

Report presented at the Conference on Chemistry of the Earth's Crust, Moscow, 14-19 Mar 63.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A., doktor geol.-miner. nauk, otv. red., KALANTAR'V, A.P., red.izd-va; DOROKHINA, I.N., tekhn. red.

[Geochemistry and hydrochemistry of oil fields] Geokhimiia i gidrokhimiia neftianykh mestorozhdenii. Moskva, Izd-vo AN SSSR, 1963. 150 p. (MIRA 16:10)

1. Akademiya nauk SSSR, Institut geologii i razrabotki goryuchikh iskopayemykh.
(Geochemistry) (Oil field brines)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GABRIL'YAN, A[illegible], [illegible], I.D.; KLIMOVA, L.T.; MAKA[illegible]VA, L.N.; TIKH[illegible]; SOLOMONIK, V.A.; ABRAMOVA, L.B.; TR[illegible], I.A.; NIKITINA, R.G.; SARKISYAN, I.S.; GULYAYEVA, L.A., prof., otv. red.

[Mesozoic and Cenozoic sediments of the Fergana and Issykkul' Depressions] Mezozoiskie i kainozoiskie otlozheniia Ferganskoi i Issyk-Kul'skoi vpadin. Moskva, Nauka, 1965. 259 p. (MIRA 18:4)

1. Moscow. Institut geologii i razrabotki goryuchikh iskopayemykh.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A., doktor geol.-miner. nauk, otv. red.; SOLOVOV, N.A., red.

[Trace elements in caustobioliths and sedimentary rocks] Mikroelementy v kaustobiolitakh i osadochnykh porodakh. Moskva, Nauka, 1965. 126 p. (MIRA 18:8)

1. Moscow. Institut geologii i razrabotki goryuchikh iskopayemykh.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.A., [illegible], V.I., [illegible], O.N.; [illegible], L.A.

Solubility of the metal-organic compounds of oil and bitumens in compressed gases. Lit. i pol. iskop. no.4:185-188 Jl-Ag '65. (MIRA 18:9)

1. Institut geologii i razrabotki goryuchikh iskopayemykh, Moskva.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; VINOGRADOVA, A.P.

Determination of sulfur in organic compounds by the pyrolytic tube method. Zav. lab. 29 no.10:1180 '63. (MIRA 16:12)

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

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; VINOGRADOVA, A.P.; KHYANINA, A.P.; KARPOVSKAYA, R.R.

Determination of the trace amounts of sulfur in the products of petrochemical synthesis. Neftekhimiia 3 no.2:296-302 Mr-Ap '63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.
(Sugar--Analysis) (Petroleum chemicals)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; KHYANINA, A.P.

Spectrophotometric determination of the content of alcohols in aqueous solutions. Zav.lab. 30 no.4:417-418 '64. (MIRA 17:4)

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

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

Ca

Oxidation of unsaturated hydrocarbons. I. Oxidation of cracked gases. V. V. Pigulevskii and L. I. Gulyaeva. *Trans. Expt. Research Lab. "Khimgaz," Materials on Cracking and Chem. Treatment of Cracking Products* (U. S. S. R.) 3, 153-67(1936).—A cracked gas (unsatd. 40.1, satd. 42.4, CO_2 0.5, CO 0.7 and H_2 11.3%) was oxidized with O_2 (using 7-37% by vol. of the latter) at 300-500° and a contact duration of 7-20 sec. The yield of aldehydes increased with the increase of temp., reaching the max. at 410°. As a result of secondary reactions, CO was formed only above 350°, and an O_2 concn. in the gas mixt. of 13% and a contact duration of 12 sec. During the oxidation of the cracked gas, a partial polymerization of hydrocarbons proceeded with increase of temp. and O_2 concn. The yield of acids and oxides from the unsatd. hydrocarbons is 6-7 times lower than that of aldehydes. Seven references. **II. Oxidation of ethylene.** V. V. Pigulevskii. *Ibid.* 168-73.—The ethylene fraction of the cracked gas (after purification with concd. H_2SO_4 contg. ethylene 50 and satd. hydrocarbons 50%) was oxidized with O_2 under the above conditions. The max. yield of aldehydes and oxides of ethylene was observed at 400°, amounting for ethylene oxide to 3, aldehydes 4-5 and CO 11 l. per 100 l. of ethylene contained in the above fractions. Seven references. **III. Homogeneous oxidation of propylene.** *Ibid.* V. V. Pigulevskii and L. I. Gulyaeva. *Ibid.* 174-8.—Propylene, obtained from iso-PrOH by dehydration at 300° over pumice wetted with H_3PO_4, was oxidized as above. The amt. of reacted propylene increased with increase of temp. (to 400°), O_2 concn., and the contact time. The oxide of propylene and CO was obtained by oxidation at 300°, the yield of the former increasing with the increase of the O_2 concn. The yield of aldehydes, oxide of propylene, acids and CO increased with increase of temp. to 400°, but a further increase of the temp. lowered the above yield, which was accompanied by a lowering of the velocity of reaction. The yield of propylene oxide at 400° was 15 and that of aldehydes 35% of the reacted propylene. **IV. Catalytic oxidation of propylene.** V. V. Pigulevskii and E. Ya. Yarzhemskaya. *Ibid.* 178-85.—The amt. of oxidized propylene, when carrying out the process in the presence of $(NH_4)_3VO_4$ catalyst, was proportional to the O_2 content in the gas mixt., an increase of which increased the yield of CO and CO_2. The comparative yield of aldehydes and acids increased with a shortening of the contact duration. A max. yield of these compds. was observed at 400° and a contact time less than 0.5 sec. A partial polymerization of propylene took place at 400°, a contact duration of 5

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

PROCESSES AND PROPERTIES INDEX

Catalytic transformations of terpenes. III. Catalytic transformations of camphene in the presence of activated clays. G. A. Rudakov and L. I. Gulyaeva. *J. Gen. Chem.* (U.S.S.R.) 16, 251-60(1946); cf. C.A. 40, 2131[4].—Heating of camphene with activated clay results in the formation of polyterpenes and of volatile hydrocarbons which are close in mol. wt. to camphene and borneol. The rate of transformations is much less than that presented by similar transformations of pinene, carene, and dipentene. The main reaction product consists of polyterpenes of which about 75% is dimeric in nature. The volatile products are very complex and contain cyclic hydrocarbons (C_8H_{16}), cymene, probably menthene, and various unknown substances, which result from ring cleavage and other deep-seated transformations. The discovery of a small amt. of borneol among the reaction products indicates the probability of the formation of its aluminosilicate ester as an intermediate on the catalyst surface, thus confirming the reaction mechanism proposed by Tishchenko and Rudakov (*C.A.* 28, 405[9]). Camphene was heated in 50-100-g. lots with activated clay with stirring for 1-4 hrs. at 180° with 0.5-20% catalyst. The amt. of transformed product did not become appreciable until at least 5% catalyst was used. The max. amt. of polymer formed (74.5%) was obtained with 10% catalyst heated for 3.5 hrs. The *dimer*, which constitutes most of the polymers, b_{10} 195-7°, d_4^{20} 0.9457, n_D^{20} 1.5002. **IV. Catalytic transformations of α-pinene in the presence of activated clays.** G. A. Rudakov. *Ibid.* 261-76.—A study of the transformations of α-pinene caused by heating at 120-80° with activated clay was made. It was shown that the esterifiable hydrocarbons resulting from these catalytic transformations consist of camphene and fenchenes. The latter reaches a max. of about 10%. The max. transformation observed gave 50-5% camphene, 5-6% fenchenes, 30-40% monocyclic terpenes, and 5-10% polymeric matter. At this point of max. transformation both pinene and methylsantene are absent. The amt. of esterifiable hydrocarbons drops off fairly rapidly due to the further reaction of fenchenes (polymer formation). The polymers obtained are mainly dimers of monocyclic terpenes, thus showing that the rate of polymerization of dipentene is somewhat higher than that of pinene. It is shown that camphene polymerizes 10-20 times slower than the monocyclic terpenes.

G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L. I.

Dissertation: "On the Composition of the Middle Fractions of Tars Obtained from Shale of Baltic Deposits Based on New Methods of Investigation." Cand Chem Sci, All-Union Sci Res Institute for the Processing of Shales, Leningrad, 1954. (Referativnyy Zhurnal-Khimiya, No 11, Moscow, Jun 54)

SO: SOA 318, 23 Dec 1954

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; PYSHKINA, N.I.

Composition of the 180°-330° fractions of producer and tunnel tars of Baltic oil shales. Trudy VNIIPS no.4:137-151 '55. (MIRA 13:4)

(Oil shales) (Tar)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; PYSHKINA, N.I.

Studying the chemical composition of tar fraction produced in compartment kilns at 180°-300° C. Trudy VNIIPS no.5:217-224 '56. (MLRA 10:5)

(Tar)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

11(2,4) PHASE I BOOK EXPLOITATION SOV/33

Vsesoyuznyy nauchno-issledovatel'skiy institut pererabotki i ispol'zovaniya topliva

Khimiya i tekhnologiya topliva i produktov yego pererabotki, vyp. 8 (Chemistry and Technology of Fuel and Products of Refining, Nr 8) Leningrad, Gostoptekhizdat Otd, 1959. 247 p. (Series: Its: Trudy) Errata slip inserted. 2,500 copies printed.

Sponsoring Agency: R.S.F.S.R. Leningradskiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva.

Ed.: V.N. Erikh; Exec. Ed.: A.A. Chizhov; Tech. Ed.: A.B. Yashchurzhinskaya; Editorial Board of series: E.S. Bezmozgin, A.Ye. Drabkin, D.K. Kollerov, S.S. Semenov, A.S. Sinel'nikov, and A.S. Poteyev.

PURPOSE: This collection of articles is intended for scientific, engineering and technical personnel in plants of the fuel and gas industry.

COVERAGE: The results of research and experimental work carried out in 1957 and 1958 by the All-Union Scientific Research Institute for Shale Processing are summarized in this collection. Organic components of oil shale from various regions, their chemical composition, and physical and chemical properties are reviewed, along with the production of gas from oil shale. Also discussed are: semicoking of oil shale, analysis of oil shale and shungite, fractionation of tar obtained in oil shale semicoking, conversion of fan and the equipment used, hydrogenation of diesel fuel produced from oil shale, extraction of phenol, and purification of tarry waters by anionite and formaldehyde. Most articles are accompanied by references. In addition, the book contains an annotated bibliography of 126 Soviet and non-Soviet works on the processing of oil shales.

Kollerov, D.K. Thermophysical and Physicochemical Properties of Oil Shale From the Baltic Region. (Article 2) Heat Capacity of Oil Shale and Temperature of Oil Shale Semicoking 35

Vaynshteyn, Ya.I. Testing of Gas Generating Stations of the Oil Shale Gas Works in the Town of Slantsy 52

Bezmozgin, E.S., M.M. Bereshchevskiy, and M.M. Vasil'yeva. Prospects of Using Oxygen at Plants Producing Gas From Oil Shale 66

Semenov, S.S., and V.I. Zabrodin. Condensation and Cooling System for the Vapor and Gas Mixture Produced in the Semicoking of Oil Shale 75

Pegushin, A.V. Method of Radiant Heat Transfer in Immiscible Flows 82

Grigor'yev, Z.E., I.M. Babin, and A.Ye. Drabkin. Study of Toxicity of Light Fractions of Gasoline Produced From Lignite for the Purpose of Odorizing Fuel Gases 97

Ivanov, B.I., N.I. Zelenin, M.F. Sharonova, and Yu.A. Kozak. Formation of Polymers and Corrosion of the Kokhtla-Yarve-Leningrad Gas Pipeline 106

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APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; NAZAROVA, S.S.; KUZ'MINA, N.A.; GLEBOVSKIY, D.N.

On the composition and causes of the formation of polymers and acid condensates in the gas pipeline and apparatus of the oil-shale combine in Kohtla-Jäve. Trudy VNIIPS no.7:174-197 '59. (MIRA 12:9)

(Kohtla-Jäve--Oil shales) (Polymers)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SEMENOV, S.S.; GULYAYEVA, L.I.; DRABKIN, A.Ye.; KOBYL'SKAYA, M.V.; KUZ'MINA, N.A.

Formation of polymer depositions in shale-gas pipelines.
Trudy VNIIPS no.7:198-208 '59. (MIRA 12:9)
(Oil shales) (Gas--Pipelines)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; NAZAROVA, S.S.

Group chemical composition and flotation properties of neutral oxygen compounds of shale oil from semicoking. Trudy VNIIT no.8:142-153 '59. (MIRA 13:4)
(Oil shales--Analysis) (Oxygen compounds)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; KHYANINA, A.P.

Using the pyroanalytic method to determine the fluorine in alumino-platinum catalysts and catalysis products. Nefteper. i neftekhim. no.7:29-32 '64. (MIRA 17:11)

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

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.I.; KHYANINA, A.P.

Determination of the methanol content of formalin. Zav. lab. 30 no.8:944 '64. (MIRA 18:3)

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

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

S/196/62/000/005/004/012
E194/E154

AUTHORS: Gulyayeva, L.M., Odynets, L.L., and Prikhod'ko, T.P.

TITLE: Rectifier theory

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.5, 1962, 6-7, abstract 5 B60. (Sb. tr. Nauchno-tekhn. o-va radiotekhn. i elektrosvyazi im. A.S. Popova, no.1, 1960, 135-146)

TEXT: This work extends the ideas of G.V. Akimov (Uspekhi khimii, 14, 1947, 353) concerning the structure of oxide films produced on forming aluminium in strong acids, to the structure of similar films produced on forming in weak acids. The surface of the formed aluminium electrode in the electrolyte is considered as a complex micro-galvanic system containing a certain quantity of so-called anodic areas in which random defects expose the metal, and of cathodic areas in which the bare metal is covered by a thin layer of oxide film (of 10-20 Å); on the cathode areas the cations can be charged by tunnel effect. On application of voltage to an aluminium electrode immersed in

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

Rectifier theory

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E194/E154

electrolyte there takes place both continuous dissolution of thin oxide films on anode areas which are thus converted into cathodic areas, and the covering up of individual bare areas on the metal (anodes) by a thin layer of oxide film which converts these areas into cathodic. Depending on the sign of the voltage, the equilibrium between these two processes is displaced in one or the other direction. It is concluded that the valve-like properties of the system $Al-Al_2O_3$-electrolyte depend on the rate of anodic and cathodic reactions on oxidised aluminium. Static and dynamic volt-ampere characteristics are given for the system $Al-Al_2O_3$-electrolyte for aqueous solutions of boric acid (30, 50 and 100 g/litre) and of borax (0.05, 0.25 and 0.5 g/litre) respectively. The rectification factors for these electrolytes were respectively 1.1×10^3, 3.1×10^3, and 4.2×10^3 under static conditions, and 7, 8 and 10.5 under dynamic. Rectification was observed in centinormal solutions of H_2SO_4, $Ca(NO_3)_2$ and $Al(NO_3)_3$ (the rectification factors were respectively 14.0, 8.5 and 3.8). The experimental results are discussed in the light of the proposed theory. 18 literature references.

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Rectifier theory

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Abstractor's note: 1) The analogy that the authors draw between the structure of oxide films obtained in strong and in weak acids is doubtful since in the two cases the oxide films differ greatly in mechanism of formation, thickness, porosity and valve-like characteristics. 2) The authors explain the unidirectional conductivity of an oxide film on aluminium by the presence of defects in the film and by the dissolution of the thin oxide film on cathodic areas. Evidently the clearly expressed unidirectional conductivity of oxide films of other valve-like metals in electrolytes, for instance, oxide films on tantalum, should be capable of explanation from this standpoint. However, Ta_2O_5 is particularly inert and is not dissolved even in strong electrolytes, whilst the number of defects in Ta_2O_5 is much smaller than in Al_2O_3. 3) It is difficult to explain the valve properties of oxide films on aluminium only by surface electrochemical processes occurring at the boundary between the oxide film and the electrolyte. Oxidized aluminium displays one way conductivity in the systems $Al-Al_2O_3$-semiconductor as well as in the systems $Al-Al_2O_3$-metal electrode (see Ref.Zh.Elek. 1960,

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Rectifier theory

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no.12, 1.3247; 1961, 12 B03). In these systems unidirectional conductivity is explained by internal processes in the oxide film associated with non-uniformities across the thickness (see Ref.Zh.Elek. 1960, no.18, 1.4396; 1961, 5 B122, 9 B37). Therefore, in explaining one way conductivity it is necessary to consider both surface and internal effects of the oxide film, and one or the other of these effect may predominate depending upon the conditions.

[Abstractor's note: Complete translation.]

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APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.N.

Modifications of complex reflex phase of gastric secretion in pathological changes of the higher nervous function caused by disorders of interoceptive conditioned reflexes. Trudy Inst. fiziol. 3:19-31 '54. (MLRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii. Zaveduyushchiy I.T.Kurtsin.

(REFLEX, CONDITIONED,
interoceptive, eff. on gastric secretion)
(GASTRIC JUICE,
secretion, eff. of conditioned interoceptive reflexes)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.N.

Secretory function of the stomach following interference of digestive with defense reflexes. Trudy Inst. fiziol. 3:67-76 '54. (MLRA 8:2)

1. Laboratoriia kortiko-vistseral'noy patologii. Zaveduyushchii I.T.Kurtsin.

(GASTRIC JUICE,
secretion, eff. of interference of digestive with defense reflexes)
(REFLEX,
interference of digestive with defense reflexes, eff. on gastric secretion)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

Name: GULYAYEVA, L. N.

Dissertation: The secretor function of the stomach in pathology of the higher nervous activity

Degree: Cand Med Sci

Defended at ~~Affiliation~~: Acad Sci USSR, Inst of Physiology imeni I. P. Pavlov, Laboratory of Corticovisceral Pathology

Publication ~~Defense~~ Date, Place: 1956, Leningrad

Source: Knizhnaya Letopis', No 47, 1956

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.N.

Secretory function of the lesser and greater curvature of the stomach in case of impairment of the higher nervous activity. Trudy Inst. fiziol. 6:484-497 '57. (MIRA 11:4)

1. Laboratoriya kortiko-vistseral'noy patologii (zaveduyushchiy I.T. Kurtsin).
(STOMACH--SECRETIONS) (CONDITIONED RESPONSE)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.N.; DZIDZIGURI, T.D.; ZHILINSKAYA, M.A.

Secretory and motor activity of the stomach in neurotics. Trudy Inst. fiziol. 7:319-325 '58. (MIRA 12:3)

1. Laboratoriya kortiko-vistseral'noy patologii (zav. - I.T. Kurtsin) i Sektor nevrozov i organicheskikh zabolevaniy nervnoy sistemy (zav. - N.A. Kryshova). Instituta fiziologii im. I.P. Pavlova AN SSSR.
(NEUROSES) (STOMACH)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.N.

Characteristics of the higher nervous activity and secretion of gastric juice in dogs with partial extirpation of the premotor zones of the cerebral cortex. Trudy Inst. fiziol. 9:323-331 '60. (MIRA 14:3)

1. Laboratoriya kortiko-vistseral'noy patologii (zaveduyushchiy - I.T.Kurtsin) Instituta fiziologii im. I.P.Pavlova.
(CEREBRAL CORTEX) (REFLEXES)
(STOMACH--SECRETIONS)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, L.N.

Higher nervous activity and secretory function of the stomach in experimental neurosis in dogs with partial extirpation of premotor zones of the cerebral cortex. Trudy Inst. fiziol. 9:332-337 '60. (MIRA 14:3)

1. Laboratoriya kortiko-vistseral'noy patologii (zaveduyushchiy - I.T.Kurtsin) Instituta fiziologii im. I.P.Pavlova.
(CEREBRAL CORTEX) (REFLEXES)
(STOMACH--SECRETIONS)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, M.A.

Occurrence of the gerbil Meriones tamariscinus Pall. in Tajikistan. Dokl. AN Tadzh. SSR no.19:55-56 '56. (MLRA 10:4)

1. Institut zoologii i parazitologii im. akad. Ye. N. Pavlovskogo AN Tadzhikskoy SSR.
(Kizyl-Su Valley--Gerbils)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, M.A.

Effect of floods on the life activities of the deer Cervus bactrianus Lydekker and the rat Nesokia indica Gray in the Tigrovaya Balka Preserve. Trudy Inst. zool. i paraz. AN Tadzh. SSR 42:89-95 '62. (MIRA 15:11)
(Trigrovaya Balka Preserve--Red deer)
(Trigrovaya Balka Preserve--Rats)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, M.A.

Experience in domesticating and keeping in partial freedom the deer Cervus bactrianus Lydekker in the Tigrovaya Balka Preserve. Trudy Inst. zool. i paraz. AN Tadzh. SSR 22:96-102 '62. (MIRA 15:11)

(Tigrovaya Balka Preserve—Red deer)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

USSR/Medicine - Dysentery Mar 53

"Some Factors of Natural Immunity Against Dysentery Infection," A. S. Izralimskiy, M. V. Gulyayeva, Dnepropetrovsk Inst of Epidemiology and Microbiol

"Zhur Mikrobiol, Epidemiol, i Immunobiol" No 3, pp 32-26

The gastric juice of adults has a strong bactericidal effect on dysentery bacilli; that of children, which possesses a lower acidity, has not. This means that children are more susceptible to dysentery than adults. The blood serum of adults and of some very

244T31

young children exerts a strong bactericidal effect on dysentery bacilli, but this does not safeguard against infection with dysentery.

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

IZRALIMSKIY, A.S.; GULYAYEVA, M.V.

Collection and preservation of test material for dysentery detection. Zhur. mikrobiol. epid. i immun. no.10:99 O '54. (MLRA 8:1)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i gigiyeny im. Gamalei.
(MEDICAL TESTS) (DYSENTERY—DIAGNOSIS)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

IZRALIMSKIY, A.S.; GULYAYEVA, M.V.

Taking samples and their preservation for examination in dysentery. Lab.delo no.5:20-21 S-O '55. (MIRA 12:6)

1. Iz Dnepropetrovskogo instituta epidemiologii, mikrobiologii i gigiyeny imeni N.F.Gamalei.
(DYSENTERY, BACILLARY, diagnosis, bacteriol., taking & preserv. of samples)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

S/129/63/000/001/017/017
E193/E383

AUTHORS: Kudryavtsev, I.V., Doctor of Technical Sciences, Professor, Gulyayeva, N.A., Engineer

TITLE: Prague International Conference on the Problems of Fatigue of Materials

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov, no.1, 1963, 56-63

TEXT: An international conference devoted to problems of fatigue of materials was held in Prague in September, 1960. The conference was attended by delegates from the Soviet Union, Czechoslovakia, Poland, Hungary, Rumania, China, East Germany, Austria, France, U.S.A., Great Britain and West Germany. The proceedings of the conference have been published. The following subjects were discussed: J. Cabelka (Czechoslovakia): the effect of the structural state on the fatigue limit of steel; A. Freudenthal (U.S.A.): the character of fatigue failures in engineering constructions; M. Klesnil (Czechoslovakia): the progress of fatigue in sorbite; S. Koczanda (Poland): the results of an electron-microscopic study of fatigue fracture of normalized

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Prague International Conference ... S/129/63/000/001/017/017
E193/E383

0.35% C steel rotating cantilever-bar test pieces; J. Němec: analysis of a large number of fatigue fractures of axles and results of laboratory experiments on similar components; I.A.Oding (USSR): diffusionless mechanism of the formation and growth of fatigue cracks; N. Thompson (Great Britain): review of work on fatigue problems conducted in Great Britain, U.S.A., Australia and other countries; P. Lukas (Czechoslovakia): quantitative analysis of phase-transformations in hardened steel under cyclic loads; B. Baranovski (Poland): the effect of tempering at 250 to 400°C on the fatigue strength of cable wire Д60А (D60A); A. Buch and J. Chodorovski (Poland): the effect of hair cracks on the fatigue strength of specimens of constructional steels 40ХМНА (40KhMNA) and 25ХНВА (25KhNVA); M.R.Hempel (West Germany): the effect of metallurgical factors on the resistance of steel to fatigue; F. Leyris (France): determination of the process of fatigue fracture of parts by analysis of the external appearance of the

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fractured surfaces; K. Legafer (Hungary): metallographic investigation of fatigue fractures; V. Linhart (Czechoslovakia): the effect of some surface treatments on the fatigue strength of parts of various sizes; S. Nedeşan (Rumania): a study of the service life of railway carriages; G. Tauscher (East Germany): the relationship between the depth of case-hardening, thickness of the part and fatigue limit of case-hardened steel parts; M. Renay (Hungary): the effect of prolonged preliminary cyclic loading on the ductile-to-brittle transition temperature of steel; H. Wiegand (West Germany): the effect of surface layers on the fatigue strength of constructional parts; Ye.P. Unksov and I.V. Kudryavtsev (USSR): fatigue strength of steel in the regions of contact in large laminated structures; E. Jelinek (Czechoslovakia): the effect of brittleness on the life and sensitivity to overloading of constructional steels under cyclic loads; J. Koutský and J. Bužek (Czechoslovakia): the effect of metallurgical factors and structural changes on the fatigue properties of materials for high-temperature service; I.V. Kudryavtsev (USSR): the effect of work-hardening with the aid of a vibrating

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Prague International Conference S/129/63/000/001/017/017
E193/E383

roll on the fatigue strength of steel, B. Přenosil (Czechoslovakia): the effect of residual austenite on the resistance of case-hardened and nitrided steels to alternating loads; J. Sedlaček (Czechoslovakia): statistical analysis of the effect of non-metallic inclusions on the contact fatigue strength; I. Vodsedálek (Czechoslovakia): effect of the grain size on the fatigue limit of heat-resistant steels and alloys; R. Cazaud (France): some results of fatigue studies of welded joints; V. Gregor (Czechoslovakia): notes on the stability of shape of welded double-T beams; G. Gensch and G. Müller (East Germany): study of fatigue of welded parts of highway bridges; A. Neumann and G. Müller (East Germany): Study of fatigue of large welded constructions; S.D. Ponomarev (USSR): problems of calculating the fatigue strength of springs; O. Puchner (Czechoslovakia): the effect of residual stresses on the fatigue limit; S.V. Serensen (USSR): the effect of absolute dimensions and probability of fatigue fracture; G.V. Uzhik (USSR): the size effect in cyclic loading. O. Yuzdinsky (Czechoslovakia): the effect of annealing on the fatigue limit of welded joints. There are 6 figures

ASSOCIATION: TsNIITMASh

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

AVTSINA-CHERNOMORDIK, A.S.; GULYAYEVA, N.I.; LEBEDENKO, Z.F.

Symmetric teeth extraction in the treatment of certain forms of malocclusion. Stomatologiia no.1:55-58 Ja-F '55. (MLRA 8:5)

1. Iz kafedry ortopedicheskoy stomatologii (zav. prof. V.Yu. Kurlyandskiy) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. dotsent G.N.Beletskiy).
(MALOCCLUSION, therapy,
teeth extraction, symmetric)
(TEETH EXTRACTION, in various diseases,
malocclusion, symmetric extraction)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, N.I.

Integral equation of the vibration of a rod with a circular axis and its applications. Trudy LIIVT no.20:170-182 '53.(MIRA 12:1)
(Elastic rods and wires) (Integral equations)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SOV/124-58-3-3211

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 98 (USSR)

AUTHOR: Gulyayeva, N. I.

TITLE: Integral Equation of Oscillations of Three-dimensional Curved Bars (Integral'noye uravneniye kolebaniy prostranstvennykh krivolineynykh sterzhney)

PERIODICAL: Tr. Leningr. in-ta inzh. vodn. transp., 1957, Nr 24, pp 93-106

ABSTRACT: The problem of drawing up a system of integral equations for representing the oscillations of double-curvature bars is solved. In accordance with this requirement four influence tensors are constructed: Two tensors for displacements and two for slope deflections (due to the action of forces and moments). Using the Kirchhoff-Klebsch equations for elastic materials the author reduces the 36 component tensors to six independent components. A sample of a spring, wherein all the 36 components are calculated, is given. The forces under consideration include the forces of inertia, and on the basis of the principle of superposition integral differential equations are obtained for three displacements and three slope deflections. If the oscillations are

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SOV/124 58 3-3211

Integral Equation of Oscillations of Three-dimensional Curved Bars

assumed to be sinusoidal, then by corresponding substitution a system of integral equations is obtained. The integral equations obtained are represented at first in vector-tensor form and then with the help of a unifying kernel in the form of a single equation. Resulting simplifications are noted for the case when it is possible to disregard the moment of the rotary inertia forces. The case of forced oscillations acting on a system of distributed forces is studied separately by the same method.

I. S. Arzhanykh

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, N. M. Cand. Med. Sci.

Dissertation: "Hereditary Chondrodystrophy." Second Moscow State Medical Inst., imeni I. V. Stalin, 3 Nov 47.

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

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

766. TREATMENT OF CONGENITAL DISLOCATION OF THE HIP IN THE NEWBORN AND IN EARLY INFANCY (Russian text) - Gulyayeva N. M. VOPR. TRAVM. I ORTOP. 1956, 1 (97-100)

Dislocations and subluxations of the hip joint occupy an important place among the congenital malformations and diseases of the locomotor apparatus. Successful outcome depends on early diagnosis and correspondingly early treatment, which is only possible through cooperation of obstetrician, pediatrician and orthopaedic surgeon. The cardinal sign in the newborn is, according to Marks, the phenomenon of overriding. In infants up to 3 months it is manifested by the sign of telescoping accompanied by a characteristic click, according to Shneider. In the newborns, sometimes a slight looseness in the hip may be noted. Other symptoms, such as a pronounced rotation of the hip and asymmetry of skin folds are not characteristic. Early treatment within the first weeks of life, after the disappearance of muscular spasm, is relatively simple under hospital condition, and gives good results. It consists of placing the child flat on the abdomen, then the legs are placed apart at an angle of 90°. An individual half bed plaster splint is applied allowing for maximal rotation, abduction and flexion (1st position of Lorenz). The treatment usually takes 3-4 months under constant X-ray control, which is of special importance during the first 3-4 days. The dislocation is considered to be reduced when the acetabulum forms a hemisphere and the ossification centre is situated centrally in the joint cavity. It is essential to instruct the child's mother how to nurse the child and how to take care of the plaster splint. Both anatomically and physiologically the result of treatment in the newborn is permanent. (S)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, N.M., starshiy nauchnyy sotrudnik

Clinical aspects and therapy of congenital hip dislocations in infants. Ortop., travm. i protez. 17 no.2:49-50 Mr-Ap '56. (MLRA 9:8)

1. Iz TSentral'nogo instituta travmotologii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. N.N.Priorov)
(HIP, dislocations,
congen., clin. aspects & ther. in inf. (Rus))
(DISLOCATIONS,
hip, congen., clin. aspects & ther. in inf. (Rus))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SHUL'ZHENKO, I.F., doktor sel'skokhozyaystvennykh nauk; GULYAYEVA, P.D., nauchnyy sotrudnik

The effect of sleep and rest on the productivity of swine during fattening. Zhivotnovodstvo 21 no.2:76-79 F '59. (MIRA 12:3)

1. Direktor nauchno-opytnoy stantsii fiziologii sel'skokhozyaystvennykh zhivotnykh Instituta fiziologii imeni I.P. Pavlova AN SSS (for Shul'zhenko).

(Swine--Feeding and feeding stuffs) (Sleep)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVSKIY, Petr Trofimovich, ; KOMAROVA, T.F., red.; SAVCHENKO, Ye.V., tekhn.red.

[Kazakhstanskaia Magnitka."] Kazakhstanskaia magnitka. Moskva, Izd-vo "Znanie," 1961. 26 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3, Ekonomika, no.10)

(MIRA 14:5)

1. Zamestitel' ministra stroitel'stva Kazakhskoy SSR (for Gulyayevskiy)
(Karaganda--Metallurgical plants)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, R. A.

"Macroscopic Diagnosis of Tumors and Tumorous Diseases of the Mammary Gland." Cand Med Sci, L'vov Medical Inst, L'vov, 1954. (KZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, R.A., kand.med.nauk (L'vov)

Acute pancreatitis according to hospital data. Klin.med. 36 no.11:77-80 N '58 (MIRA 11:12)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta (zav. kafedroy prof. G.P. Kovtunovich) L'vovskogo meditsinskogo instituta
(PANCREAS,
acute, diag. & ther. (Rus))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

LYUBIMOV, V.A., inzh.; Prinimali uchastiye: GULYAYEVA, R., laborant; YEVDOKIMOVA, V., laborant; KHRUSTALEV, P., rabotnik; ZHUKOV, V., rabotnik; CHUMAKOV, M., rabotnik

Automatic AT2-250-Sh loom for woolen fabrics. Nauch.-issl. trudy TSNIIShersti no.17:76-85 '62. (MIRA 17:12)

1. TSentral'nyy nauchno-issledovatel'skiy institut sherstyanoy promyshlennosti (for Gulyayeva, Yevdokimova). 2. Shuyskiy mashinostroitel'nyy zavod (for Chumakov).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

VLASOVA, K.N.; CHUDINA, L.I.; ZAVEL'GEL'SKIY, L.M.; GULYAYEVA, S.I.; BAKHAREVA, L.T.

Use of thermoplastic glue based on low-molecular polyamide resins in shoe manufacture. Kozh.-obuv. prom. 6 no.8:30-31 Ag '64. (MIRA 17:10)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

FAVORSKAYA, T.A.; GULYAYEVA, T.N.; GOLOVACHEVA, Ye.S.

Mechanism of the conversion of tertiary alcohols of the cyclopropane series under the action of mineral and organic acids. Part 5. Interaction of methyl-n-butyl-cyclopropylcarbinol with hydrochloric acid. Interaction of dimethyl-cyclopropylcarbinol, methyl-isopropyl-cyclopropylcarbinol, and methyl-n-butyl-cyclopropylcarbinol with phosphorus trichloride in the presence of pyridine. Zhur.ob.khim.23 no.12:2014-2020 D '53. (MLRA 7:2)

1. Leningradskiy Gosudarstvennyy universitet im. A.A.Zhdanova Laboratoriya im. akademika A.Ye.Favorskogo.
(Carbinols) (Phosphorus trichloride)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, T.Ye.

Colorimetric method for determination of copper in food products. Gig.sanit., Moskva no.4:38-41 Ap '50. (CLML 19:3)

1. Of the Department of General Chemistry, Molotov State Medical Institute.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

17

cA

Colorimetric determination of pyramidone. T. B. Gulyaeva (State Med. Inst., Molotov, U.S.S.R.). *Zhur. Anal. Khim.* 5, 163-5(1950).—As reagent for the colorimetric detn. of pyramidone a mixt. of $(NH_4)_3PO_4 \cdot 12MoO_3$ 0.4, Na_2WO_4 20 g., 87% H_3PO_4 10, and H_2O 150 ml. was used. Reflux for 2 hrs., cool, and dil. to 200 ml. Filter if necessary. Use 4-5 ml. of reagent in a detn. Read the colorimeter after 6 min. M. Hosch

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

CA

Complex compounds of iron, aluminum, and chromium with pyramidone. T. B. Gulyaeva (Molotov Med. Inst.). *Zhur. Obshchei Khim.* (J. Gen. Chem.) 20, 1412-14(1950).—Action of pyramidone (*pd*) on solns. of salts of Fe^{+++}, Al^{+++}, or Cr^{+++}, in the presence of KNO_3 results in the formation of complex ions of the type $[Fe\ pd_3]^{+++}$, which, in acid soln., but not in neutral soln., react further with $[Cr(CNS)_6]^{---}$ to give ppts. of double complexes of the type $[Fe\ pd_3]\ [Cr(CNS)_6]$. A lilac-blue complex $[H_3\ pd_3]\ [Cr(CNS)_6]$ is obtained in AcOH soln. Its soly. in H_2O at 15° is 0.07 g./100 ml.; in cold NaOH it dissolves with a purple color, in hot NaOH it ppts. $Cr(OH)_3$, and in concd. H_2SO_4 it dissolves with a yellow-green color. $[Cr\ pd_3]\ [Cr(CNS)_6]$, gray-lilac, soly. 0.08 g./100 ml. H_2O, forms orange $Fe(CNS)_3$ with $FeCl_3$, dissolves in cold NaOH with a greenish purple color, ppts. $Cr(OH)_3$ with hot NaOH, dissolves in concd. H_2SO_4 with a deep-green color. $[Al\ pd_3]\ [Cr(CNS)_6]$, lilac-blue, soly. 0.07 g./100 ml. H_2O forms reddish $Fe(CNS)_3$ with $FeCl_3$, dissolves with a purple color in cold NaOH, ppts. $Cr(OH)_3$ with hot NaOH, dissolves in concd. H_2SO_4 with a bright-green color. $[Fe\ pd_3]\ [Cr(CNS)_6]$, brown, soly. 0.018, gives a brownish color of $Fe(CNS)_3$ with $FeCl_3$, dissolves in both cold and hot NaOH, and with a yellow-green color in concd. H_2SO_4. All 4 compds. are dissolved by concd. HNO_3 with evolution of NO_2; in 1 *N* HNO_3, on heating, they dissolve with a greenish color. $AgNO_3$ gives a ppt. of Ag, whereas with $AgNO_3$ + HNO_3 all 4 compds. give a white ppt. There is no visible reaction between the first 3 compds. and $K_4Fe(CN)_6$; the 4th compd. gives a sky-blue turbidity on long standing. On heating above 50-60°, all 4 compds. are decompd. with formation of a vitreous mass. In the complex cation, each *pd* mol. occupies 2 coordination places, one bond being formed with the tertiary N, the other with the O atom.

N. Thon

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

6

CA

Complex compounds of iron, aluminum, and chromium with pyramidone. T. E. Gulyaeva. *J. Gen. Chem. U.S.S.R.* 20, 1469-71(1950)(Engl. translation).—See *C.A.* 45, 1485i. R. M. S.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, V.F.; SALMANOV, G.D.

Using highly refractory concrete in slot heating furnaces.
Ogneupory 28 no.4:165-168 '63. (MIRA 16:6)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR.
(Furnaces, Heating)
(Refractory concrete)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, V.I.

SHMUNDAK, D.Ye., professor; VARTAPETOV, B.A., kandidat meditsinskikh nauk; SHEYNERMAN, M.D., kandidat meditsinskikh nauk; MILOVSKIY, D.P.; GULYAYEVA, V.I.

A new method for the determination of estrogens in a woman's system. Akush. i gin. no.4:66-69 Jl-Ag '55. (MLRA 8:11)

1. Iz ginekologicheskogo otdeleniya (zav.prof. D. Ye. Shmundak) Oblastnoy bal'neologicheskoy bol'nitsy i fiziologicheskogo otdela (zav.kandidat meditsinskikh nauk B.A.Vartapetov) Ukrainskogo instituta eksperimental'noy endokrinologii.

(ESTROGENS, determ.
method, in etiol.diag. of menstruation disord.)
(MENSTRUATION DISORDERS, diag.
etiol. diag.,estrogen determ. method)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SKOBLIN, A.P., kand.med.nauk, DYSKIN, V.P., kand.med.nauk, BLANK, V.M.
GULYAYEVA, Yu.A.

Use of curarelike agents in traumatology; preliminary report.
Ortop.travm. i protez. 19 no.3:63-66 My-Je '58 (MIRA 11:7)

1. Iz kafedry khirurgicheskikh bolezney (zav. - zaslyzhennyy deyatel' nauki prof. G.M. Gurevich) Khar'kovskogo meditsinskogo stomatologicheskogo instituta (dir. - dots. G.S. Voronyanskiy) na baze 17-y bol'nitsy g. Khar'kova (glavnyy vrach - zaslyzhennyy vrach USSR A.M.Lomonosov) i Ukrainskogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii (dir. - chlen-korrespondent AMN SSSR porf. N.P. Novachenko.

(WOUNDS AND INJURIES, surg.
anesth. with curare-like agents (Rus))
(CURARE, ther. use
posttraum. surg. (Rus))
(FRACTURES, surgery
musc. relaxant ther. in (Rus))
(MUSCLE RELAXANT, ther. use.
fract., in surg. (Rus))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEV, Ye.A.

Dynamics of changes in the amount of serum nonhemoglobin and total blood iron in donors. Sov.med. 25 no.2:79-83 F '61. (MIRA 14:3)

1. Iz gospital'noy terapevticheskoy kliniki (zav. - prof. A.I. Germanov) Kuybyshevskogo meditsinskogo instituta (direktor D.A. Voronov) i Kuybyshevskoy oblastnoy stantsii perelivaniya krovi (zav. M.F.Fedorovskaya).
(IRON) (BLOOD DONORS)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, Ye.A.

Character of resorption curves after iron loading in donors. Probl. gemat. i perel. krovi 5 no.2:45-51 F '60. (MIRA 14:5)

1. Iz gospital'noy terapevticheskiy kliniki (zav. - prof. A.I.Germanov) Kuybyshevskogo meditsinskogo instituta i Kuybyshevskoy oblastnoy stantsii perelivaniya krovi (zav. M.F.Fedorovskaya).
(IRON IN THE BODY) (BLOOD DONORS)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEV, Ye.A.

Character of changes in the non-hemoglobin iron of the blood serum and in the total iron of the blood in donors following bloodletting. Probl.gemat.i perel.krovi no.9:52-54 '62. (MIRA 15:12)

1. Iz gospital'noy terapevticheskoy kliniki (zav. - prof. A.I. Germanov) Kuybyshevskogo meditsinskogo instituta i Kuybyshevskoy oblastnoy stantsii perelivaniya krovi (zav. M.F. Fedorovskaya).
(BLOOD DONORS) (IRON IN THE BODY)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

KALANTAROV, K.D.; DELYAKOV, V.A.; VOLKOV, V.A.; GULYAYEVA, Ye.G.
SHVYRKOVA, I.I.

Production of a dosimetric device for the registration of β-activity within the body cavities in oncological practice. Med.rad. 6 no.4:73-75 '61. (MIRA 14:12)
(RADIOMETER) (TUMORS--RADIOGRAPHY)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, Ye.I.; PAKHOMOVA, G.N.

Conference on zinc metallurgy. TSvet.met. 28 no.2:64-66 Mr-Ap '55. (MIRA 10:10)

(Zinc--Metallurgy)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, Ye.I.

Conference on the use of ion exchange processes in nonferrous metallurgy. TSvet.met.29 no.9:81-83 S '55. (MLRA 9:10)
(Nonferrous metals--Metallurgy)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SOV/137-58-10-20753

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 58 (USSR)

AUTHOR: Gulyayeva, Ye.I.

TITLE: A Review of Investigations in the Hydrometallurgy of Zinc (Obzor issledovaniy po gidrometallurgii tsinka)

PERIODICAL: Tr. Soveshchaniya po metallurgii tsinka, 1954, Moscow, Metallurgizdat, 1956, pp 16-29

ABSTRACT: A brief presentation of the investigations being conducted at Gintsvetmet on the hydrometallurgy of Zn.

L.P.

1. Zinc--Processing 2. Zinc--Metallurgy

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, Ye. I.

18

Hydrometallurgical treatment of high-silicate zinc concentrates. A. D. Mayants, E. I. Gulyayeva, and E. I. Barotiskaya. *Tsvetnye Metal.* 1956, No. 2, 49-53.—Hydrometallurgical treatment of Zn concentrate with a high-SiO_2 content is based on the fact that at high temps. Zn silicates sol. in dil. H_2SO_4 are formed. The colloidal SiO_2 formed in the pulp retards settling of the pulp and filtering of the slime. The methods used to overcome the difficulties are reviewed. I. Bannwitz

5

1-4E2c

Elem

fr RB ang

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SOV/137-58-10-20683

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 50 (USSR)

AUTHOR: Gulyayeva, Ye.I.

TITLE: Results of the Work of Gintsvetmet and the Directions to be Followed in Further Investigations Into the Use of Ion Exchangers in Nonferrous Metallurgy (O rezul'tatakh rabot Gintsvetmeta i o napravleniyakh dal'neyshikh issledovaniy po primeneniyu ionitov v tsvetnoy metallurgii)

PERIODICAL: V sb.: Materialy Soveshchaniya po primeneniyu ionnogo obmena v tsvetn. metallurgii. Moscow, 1957, pp 51-60

ABSTRACT: Studies in the employment of ion exchangers for purposes of analysis were begun in 1947, while studies of engineering applications started in 1950. Work on the extraction of Ni and Co from the waste waters of the Severonikel' Kombinat, of Zn, and Cd from the waste waters of another plant, and other studies have been brought to successful conclusion.

N.P.

1. Metallurgy 2. Ion exchange resins--Applications

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

137-58-6-11856

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 97 (USSR)

AUTHORS: Gulyayeva, Ye.I., Soshnikova, L.A.

TITLE: A Conference on Selenium and Tellurium (October 15-16, 1957) [Soveshchaniye po selenu i telluru. (15-16 oktyabrya 1957 g.)]

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 23, pp 31-32

ABSTRACT. Representatives of 24 organizations participated in the work of the conference. 17 papers and communications were heard and discussed. The major task of the conference was coordination of the work of recovering Se and Te from the products of various fields of production.

G.S.

1. Selenium--Processing 2. Tellurium--Processing

Card 1/1

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SOV/136-59-5-15/21

AUTHORS: Gulyayeva, Ye.I., Zimakov, I.Ye., and Rudenko, B.I.

TITLE: Extraction of Rhenium from Industrial Solutions using Activated Coal (Izvlecheniye reniya iz proizvodstvennykh rastvorov pri pomoshchi aktivirovannykh ugley)

PERIODICAL: Tsvetnyye metally, 1959, Nr 5, pp 73-77 (USSR)

ABSTRACT: The difficulty in extracting Re from solution is the separation from W and Mo which have similar properties. An ordinary chromatographic method was tried using activated coals types KAD, SK-T, SU-KhU, and MSK-1. The coals were washed with 0.01N H_2SO_4 until they showed acid reaction to methyl orange and then the test solutions were poured through the coal. Afterwards the coal was washed with water and then 1% soda solution to remove the Re, W and Mo. The solutions used are given in Table 1. Radioactive isotopes Re^{106}, Mo^{99}, and W^{185} were added to the solutions and used to indicate the degree of separation. The best coal was found by testing with the first solution. 0.3, 0.6 and 1.0 g of coal and 4.5 and 7.0 mm diameter columns were tried. Table 2 shows the dynamic exchange capacity under various conditions. It increases with increase in the ratio

Card 1/3

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SOV/136-59-5-15/21

Extraction of Rhenium from Industrial Solutions using Activated Coal

height/diameter of column. Fig 2 shows that MSK coal has the greatest absorption. The washing results in Fig 3 show that Re is completely extracted from all the coals so MSK coal was used for further work with the other three solutions. Table 3 shows that the exchange capacity was highest for solution 2 which differed from the other solutions in Mo content and acidity. Fig 4 shows that Re is selectively absorbed by the coal but Mo and W are weakly absorbed. Tests on acidity showed that absorption of W and Mo were practically independent of pH value, but Re absorption increases with inverse pH. Therefore washing was carried out with alkaline solution. Fig 8 shows that Mo and W are washed out before Re. The final solution containing Re has small amounts Mo and W present. Hot soda gave better results than cold soda.

Card 2/3

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

SOV/136-59-5-15/21

Extraction of Rhenium from Industrial Solutions using Activated Coal

Further research to obtain more concentrated and purer Re is being carried out.
There are 8 figures, 4 tables and 1 Soviet reference.

Card 3/3

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, Ye. I.

TITLE: Conference on Autoclave Processes

PERIODICAL: Tsvetnyye metally, 1959, Nr 7, pp 84-87 (USSR)

ABSTRACT: On 23-26 February 1959 a conference was held in Moscow for summing-up and coordinating work on autoclave processes in the metallurgy of heavy, non-ferrous, rare and noble metals. The conference heard reports as follows:

Card 1/5 D.M. Yukhtanov, Gintsvetmet, on progress throughout the world on the use of hydrometallurgical, particularly autoclave, methods for non-ferrous and rare metal production; G. N. Dobrokhotov, Gipronikel', on nickel leaching practice at some Soviet works; N. I. Onuchkina and G. N. Dobrokhotov on the thermodynamics and kinetics of the selective reduction by hydrogen and carbon monoxide under pressure of nickel and cobalt from solution; I. Yu. Leshch and K. M. Shelepova, Gipronikel', on design decisions on the application of the flowsheets dealt with by G. N. Dobrokhotov at the Yuzhuralnikel' and Severonikel Combines and the Ufaleyskiy (Ufa) Nickel Works; I. N. Maslenitskiy, Leningradskiy gornyy institut (Leningrad Mining Institute) on the advantages of a combined flotation-autoclave method for nickel-electrolysis of slimes containing platinum-group metals; V. B. Zhilkin, Severonikel' combine and S. I. Sobol', Gintsvetmet, on the essentials of the neutral method of oxidizing leaching of nickel concentrate from converter-matte flotation; S. I. Sobol' on preliminary investigations on the development of a sulphurous-sulphuric method for leaching nickel and cobalt from oxidized nickel ores; N. N. Maslenitskiy, Mekhanobr, on the main results of investigations of the autoclave-soda process for treating tungsten-ore beneficiation products;

Card 2/5 V. I. Poprukaylo, Mekhanobr, and D. A. Malakhov, Skopinskaya (Skopinsk) TsOF, separately, on problems in the application of an autoclave-soda flowsheet to scheelite and wolframite raw material; G. A. Meyerson, K. Ya. Shapiro, N. N. Khayskiy, R. A. Pavlyuk and A. P. Nadol'skiy, Krasnoyarskiy institut tsvetnykh metallov (Krasnoyarsk Non-Ferrous Metals Institute) on the treatment of tungsten concentrates in hermetical, heated ball-mills with acids or caustic alkalies; V. I. Spiridonova, S. I. Sobol', Ye. I. Gulyayeva, Z. L. Berlin, I. M. Nelen' and B. I. Rudenko, Gintsvetmet, on the treatment of prepared and unprepared sulphide molybdenum raw material by oxidizing autoclave alkaline leaching; I. M. Nelen' and S. I. Sobol' on the kinetics of oxidizing autoclave leaching; A. N. Zelikman and Z. M. Lyapina, Krasnoyarsk Non-Ferrous Metals Institute, on the results of a study of conditions for the selective separation of lower oxides of tungsten and molybdenum from their salt solutions by hydrogen under pressure; M. V. Darbinyan, Gorno-

Card 3/5 metallurgicheskiy institut (Mining-Metallurgical Institute) of the Sovnarkhoz (economic council) of the Armyanskaya SSR (Armenian SSR), on his investigations of ammoniacal autoclave leaching under oxygen pressure of molybdenum concentrates; S. I. Sobol' on technical-economic factors of ammoniacal leaching; A. I. Sinel'nikova and I. N. Plaksin, Krasnoyarsk Non-Ferrous Metals Institute, on an oxidizing autoclave process for gold-containing raw material; N. G. Tyurin, Ural'skiy politekhnicheskiy institut (Ural Polytechnic Institute) on the behaviour of noble metals in oxidizing autoclave leaching in thiosulphate solutions; A. L. Tseft and D. A. Taraskin and A. Yu. Dadabayev, Institut metallurgii i obogashcheniya AN Kaz SSR (Metallurgy and Beneficiation Institute of the AS Kaz SSR), respectively, on the physicochemical fundamentals and on works' trials of autoclave salt leaching of polymetallic materials; I. Yu. Leshch, Gipronikel', on the unsuitability of autoclave leaching for lime-containing materials; V. A. Bernshteyn, VAMI, on industrial experience of a continuous autoclave leaching process for bauxites; V. G. Tronev, IONKh AN

Card 4/5 SSSR (IONKh AS USSR), on compounds of some rare elements in various valency states under oxygen and hydrogen pressure in the presence of anhydrous ammonia; Z. L. Berlin, Gintsvetmet, on autoclave design and operation; P. G. Yakovlev, Gipronikel', and N. Ye. Vishnevskiy, VNII neftekhim, on model studies on autoclaves and the development of mixers; M. A. Polyanov, K. B. Giredmet, on the design of an experimental high-pressure pulp pump. G. L. Shvarts, NIIKhIAMASh, on the selection of steel for acid leaching of cobalt matte and matte-flotation concentrate; Yu. I. Archakov, VNIIneftekhim, on corrosion of types IKh18N9T, 12KhGN, 10KhSND and 10GND steels in soda and alkaline solutions in the presence of metal salts and oxygen at 5 - 15 kg/mm²; V. I. Deryabina and N. N. Kalgatin, VNIIneftekhim, separately, on mechanical properties of hydrogen-affected steels. The conference made recommendations [illegible] at the extension and improve

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S/697/61/000/000/006/018
D228/D303

AUTHORS: Sobol', S. I., Spiridonova, V. I. and Gulyayeva, Ye. I.

TITLE: Application of autoclave processes for treating sulfidic rheniferous molybdic material

SOURCE: Akademiya nauk SSSR. Institut metallurgii im. A. A. Baykova. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Mezhduvedomstvennaya komissiya po redkim metallam. Vsesoyuznoye soveshchaniye po probleme reniya. Moscow, 1958. Reniy; trudy soveshchaniya. Moscow, Izd-vo AN SSSR, 1961, 56-61

TEXT: Before discussing the results of their study of the oxidation leaching of MoS, the behavior of Re during the reprocessing of the leach solutions, and the final recovery of Re from the mother liquor, the authors note the need for radically improving the technology of current methods of Re extraction. They suggest the replacement of the sublimation process by a hydrometallurgy operation, which is illustrated in a flowsheet and entails the leaching of

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sulfides in autoclaves under pressure of O_2 or air at high temperatures. It is described how the use of NaOH in the leaching process both decreases the loss of Mo and allows the complete separation of Mo and Re from other heavy metals. The total solution of Re, Mo and W can be effected in 4 - 6 hrs at 200 - 220°C and 3- 40 atm. in the presence of sufficient soda to maintain a pH of 8 - 9. Chemical equations, graphs and thermodynamic constants are then adduced to illustrate the method of Re and Mo separation; when MoO_2 precipitates and Re remains in solution as ReO_4^-. The MoO ion is believed to prevent the copptn. of ReO_2 with MoO_2 -- and not the WO_4^{2-} ion; this assumption was verified experimentally by means of radioactive Re^{186}. The authors followed I. F. Popov's procedure when recovering Re from the autoclave-leach solution by absorbing it on various types of activated carbon. The metal was then desorbed with a 1% solution of Na_2CO_3. In conclusion it is stated that research is be-

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Application of autoclave ... S/697/61/000/000/006/018
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ing continued in order to simplify the processing technology and procure a high-grade commercial product. There is 1 figure.

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GULEYEVA, E. M.

Hybridization, Vegetable

Effect of the ovicell formation site in the spike on hybridization. Dokl. AN SSSR, 32, No. 4, 1952. Kishinevskiy Gosudarstvennyy Universitet red. 27 Aug. 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

KOVARSKIY, A.Ye., prof.doktor sel'skokhozyaystvennykh nauk; GULYAYEVA, Ye.M., assistent kafedry darvinizma

Mentor effect of alien pollen in self-pollinated corn. Trudy Kish. Sel'khoz. inst. 3:127-135 '55. (MIRA 11:7)
(Corn breeding)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, Ye. M., Candidate of Biol Sci (diss) -- "Mentoral effects of foreign pollen in experiments on the self-pollination of corn varieties (Data from experimental work in 1953-1957)". Moscow, 1959, published by the Acad Sci USSR. 21 pp (Acad Sci USSR, Inst of Genetics), 200 copies (KL, No 22, 1959, 111)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GULYAYEVA, YE. M.

[illegible] Plants. Commercial. Oleiferous. Sugar-Bearing.

ABS. JOUR : Ref Zhur - Biologiya, No.5 , 1955, [illegible] 401

AUTHOR : Gulyayeva, Ye.M.

INST. : Sci.Res.Inst.of Agric.of the N.W.Non-Chernozem Zone

TITLE : Effectiveness of Nitrogen Fertilizers in Relation to the Dose and Time of Application under Flax.

ORIG. PUB.: Byul. nauchno-tekhn. inform. N.-i. in-ta s.kh. sev.-vost. r-nov nechernozemn. polosy, 1957, No. 2-3, 20-23

ABSTRACT : Results of field and vegetation experiments made in 1952-1955 by the Scientific Research Institute of Agriculture of the North Western Rayons of the Non-Chernozem Zone. Nea was applied in doses of N 15, 30 and 45 against a background of 60 PK before sowing and fractionally. The dose of N 30 boosted the flax yield even after a layer of perennial herbs. The dose of N 15 was insufficient, N 45 retarded seed maturation. The fractions appli-

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CATEGORY : CULTIVATED PLANTS. Grains. Leguminous Grains. Tropical Cereals.

ABS. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15606

AUTHOR : Gulyayeva, Ye.M.

INST. : Kishinev University

TITLE : Microscopic Investigations of Germination of Corn Pollen in the Presence of Foreign Pollen of other Botanical Species.

ORIG. PUB. : Uch. zap. Kishinevsk. un-t, 1957, 28, 181-187

ABSTRACT : A mixture of pollen of corn and wenter was sown uniformly in Petri dishes in freshly prepared solution of agar -sugar mixture. The percentage of germination of corn pollen in the presence of pollen of other plants was considerably higher than the control. The highest percentage of corn pollen germination was recorded in the varieties with the African millet pollen (58 %). In this variant germination of pollen was noted to begin before

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CATEGORY :

ABS. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15606

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : the others and the growth rate of pollen tubes was greatest. Corn pollen was noted to have an influence on the percentage of germination of the African millet and sunflower pollen. The corn pollen gathered in rainy or very wet weather germinated poorly and germinated well at a temperature of 18 to 22° and in case of sufficient access to air. -- V.D. Smyslova

CARD: 2/2

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

KOVARSKIY, A.Ye., prof., doktor sel'khoz. nauk, zasl. deyatel' nauki i tekhniki, otv. red.; YAROSHENKO, M.F., doktor biol. nauk, zam. otv. red.; VERDEREVSKIY, D.D., doktor sel'khoz. nauk, red.; IRIKHIMOVICH, A.I., doktor biol. nauk, red.; KOLESNIKOV, S.M., kand. biol. nauk, red.; PRINTS, Ya.I., doktor biol. nauk, red.; RYBIN, V.A., doktor biol. nauk, red.; USPENSKIY, G.A., kand. biol. nauk, red.; GULYAYEVA, Ye.M., kand. biol. nauk, otv. red.; KARYAKINA, I.I., red.; MANDEL'BAUM, M.Ye., tekhn. red.

[Transactions of the Darwin Anniversary Conference]Trudy iubileinoi Darvinovskoi konferentsii. Kishinev, Izd-vo "Shtiintsa," 1960. 389 p. (MIRA 15:9)

1. Yubileynaya Darvinovskaya konferentsiya, 1960. 2. Institut biologii Moldavskogo filiala Akademii nauk SSSR i Kishinevskiy sel'skokhozyaystvennyy institut im. M.V.Frunze (for Kovarskiy). 3. Kishinevskiy sel'skokhozyaystvennyy institut im. M.V.Frunze (for Verderevskiy). 4. Institut biologii Moldavskogo filiala Akademii nauk SSSR (for Kolesnikov, Prints, Uspenskiy, Irikhimovich). 5. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Rybin).
(Evolution--Congresses)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617320018-3

GUL'YEL'MI, A.V.

Effect of the decay of an Al'fen wave in the exosphere on the character of short-period oscillations of the earth's electromagnetic field. Izv. AN SSSR. Fiz. zem. no.2:50-53 '65. (MIRA 18:6)

1. Institut fiziki Zemli AN SSSR.

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