

SOV/68-59-1-16/26

Conference on the Widening of Resources of Coking Coals in the Kuznetskiy Basin

with a total output of 51.1 million t/year should be in operation). Further developments in the Kuznetskiy Basin are in regions which contain mainly high ash and difficult-to-beneficiate coals. In the existing mines also some increase in the ash and moisture content is expected. Therefore, in new coal beneficiation plants, only wet treatment methods without preliminary separation into size fractions should be considered.

K.K. Kollodiy (Kuzbassugleobogashcheniye Trust) reported on methods of increasing the efficiency of coal beneficiation processes in existing coal beneficiation works in the Kuznetskiy Basin. Of 28 operating washeries, 21 are operating with the pneumatic method, 4 by a combination of pneumatic and wet process and 3 by wet method. During the last 5 years, the ash content of coals has increased by 2.1% and that of concentrates by 0.4%. In order to decrease the ash content in concentrates, secondary wet treatment of pneumatically cleaned coals was introduced on some plants. This decreased the ash content by 0.3% and increased the yield of concentrates by

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1.5-2.5%. A cascade scheme of beneficiation was developed on pneumatically operating plants consisting of the fact that not individual-size fractions 6-10, 13-50 mm are treated in pneumatic separators USh-3 but 0-50 mm fraction. For jigging dust-containing coals 10-0 mm a synthetic bedding layer from heavy rubber was developed instead of felspar which was found to be very efficient. A.A. Lukanin (VUKhIN) in a paper "A Decrease in the Consumption of Coals K and K_1 on the Kuznetskiy Metallurgical

Combine by Incorporating Into Blends Gas Coals" pointed out that coke ovens in the Urals and Siberia are designed for a standardised heating condition calculated for a coking period of 13-14 hours instead of 17 hours. Temperatures in the control flues 1 390 - 1 410 °C. With increasing proportion of high-shrinkage coals, the quality of coke deteriorates. An increase in the coking period is impossible due to a shortage of coking capacity. Experimental work on coking indicated that it is possible to decrease the proportion of K coals but for this purpose, the existing technology of coal preparation and

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Kuznetskiy Basin

coking conditions should be modified. For this purpose,
the development of an appropriate plant is necessary
(no details).

ASSOCIATION: SOPS AN SSSR

Card 8/8

DVORIN, S.S.; ZHITOV, B.M.; LERNER, R.Z.; MAKAROV, G.N.; SAZONOV, S.A.;
SYSKOV, K.I.

Coking of preheated coals as a method of intensifying the production
of coke and improving its quality. Trudy MEFTI no.28:28-37 '59.

(MIRA 13:11)

(Coal--Carbonisation)

LYUDOGOVSKIY, G.I., kand.tekhn.nauk, otv.red.toma; DVORIN, S.S., red.toma;
OVCHININSKIY, N.V., kand.tekhn.nauk, red.toma; POKHVISNEV, A.N.,
doktor tekhn.nauk, red.toma; FEDOTOV, A.A., inzh., red.toma;
BARDIN, I.P., akademik, glavnyy red.; MAKOVSKIY, G.M., red.isd-va;
MAKUNI, Ye.V., tekhn.red.

[Development of industrial resources in Eastern Siberia: Ferrous
metallurgy] Razvitie proizvoditel'nykh sil Vostochnoi Sibiri:
Chernaia metallurgiya. Moskva, 1960. 275 p. (MIRA 13:3)

1. Konferentsiya po razvitiyu proizvoditel'nykh sil Vostochnoy Sibiri, Irkutsk. 1958. 2. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume AN SSSR (for Lyudogovskiy, Ovchininskiy, Fedotov).
3. Moskovskiy institut stali im. I.V.Stalina (for Pokhvisnev).
4. AN SSSR (for Bardin).
(Siberia, Eastern--Iron mines and mining)
(Siberia, Eastern--Metallurgical plants)

ADRIANOVA, V.P.; ANDREYEV, T.V.; ARANOVICH, M.S.; BARSKIY, B.S.; GROMOV, N.P.;
GUREVICH, B.Ye.; DVORIN, S.S.; YERMOLAYEV, M.F.; ZVOLINSKIY, I.S.;
KABLUKOVSKIY, A.F.; KAPELOVICH, A.P.; KASHCHENKO, D.S.; KLIMOVITSEY,
M.D.; KOLOSOV, M.I.; KOROLEV, A.A.; KOCHINEV, Ye.V.; LESKOV, A.V.;
LIVSHITS, M.A.; MATYUSHINA, N.V.; MOROZOV, A.N.; POLUKAROV, D.I.;
RAVDEL', P.G.; ROKOFYAN, Ye.S.; SMOLYARENKO, D.A.; SOKOLOV, A.N.;
USHKIN, I.N.; SHAPIRO, B.S.; EPSHTEYN, Z.D.; AVRUTSKAYA, R.F., red.
izd-va; KARASEV, A.I., tekhn.red.

[Brief handbook on metallurgy, 1960] Kratkii spravochnik metallur-
ga, 1960. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i
tsvetnoi metallurgii, 1960. 369 p. (MIRA 13:7)
(Metallurgy)

RYABIN'KIY, Bronislav Yakovlevich; BERLYAND, S.S., inzh., retsenzent; GERASIMENKO, V.F., inzh., retsenzent; GRUDSKIY, Ye.B., inzh., retsenzent; DASHEVSKIY, Ya.I., inzh., retsenzent; DVORIN, S.S., inzh., retsenzent; KAMALOV, O.M., inzh., retsenzent; KARPMAN, M.A., inzh., retsenzent; KASHCHENKO, D.S., inzh., retsenzent; KOROLEV, M.N., inzh., retsenzent; KORSAKOV, A.A., inzh., retsenzent; LISENKO, T.P., inzh., retsenzent; PEKELIS, I.B., inzh., retsenzent; REVIYAKIN, A.A., inzh., retsenzent; ROMANOVICH, N.D., inzh., retsenzent; PRIYMAK, I.A., prof., red.; AVRUTSKAYA, R.F., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Planning and economics of metallurgical plants] Planirovanie i ekonomika metallurgicheskikh zavodov. Izd.2., dop. i perer. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 736 p. (MIRA 13:2)

(Metallurgical plants)

ZHITOV, B.N.; MAKAROV, G.N.; DVORIN, S.S.

Coking of preheated coal and coal charges. Koks i khim. no.2:
16-23 '64. (MIRA 17:4)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni
D.I.Mendeleyeva (for Zhitov, Makarov). 2. Gosplan SSSR (for
Dvorin).

RAVICH, Mark Borisovich, prof., doktor tekhn. nauk; DVORIN,
Semen Semenovich, inzh.; PEVZNER, Solomon Isaakovich,
inzh.; SUSHKIN, I.N., inzh, red.; KNORRE, G.F., doktor
tekhn. nauk [deceased], red.; ZIKEYEV, T.A., kand. tekhn.
nauk, red.

[Fuel for metallurgical furnaces; a handbook] Metallurgicheskoe
toplivo; spravochnik. [B:] Ravich M.B. i dr. Moskva, Metallur-
giia, 1965. 470 p. (MIRA 18:12)

DVORIN, Z.A.

DVORIN, Z. A.

W/S
741.413
.R2

Proyektirovaniye i montazh elektrooborudovaniya metallorezhushchikh stankov (Design and assembly of the electrical equipment of metal cutting machine tools, by) A. M. Razygrayev i Z. A. Dvorin. Moskva, Mashgiz, 1952.
222 p. illus., diags.
"Literatura": p. 210-211.

Dvorin, Z.A.

TABLE I BOOK REPRODUCTION

607/1315

Автоматизация производства с помощью электронно-вычислительной техники в легкой промышленности. Москва, Издательство «Машиностроение», 1979. 358 с. Книга с 11 иллюстрациями. 4,000 экз. Цена 1 руб. 00 ц.

General Ed.: I.A. Eshberov; Editor: M.V. Zakharenko, Candidate of Technical Sciences, Doctor, and Ye. V. Kuznetsov, Candidate of Technical Sciences, Doctor; Editor: M.A. of Publishing House: Ye. M. Lyubimov and M.A. Gerasimov; Editor: O.V. Gerasimov; Publishing House: "Mashinostroyeniye" (Moscow, U.S.S.R.).

Abstract: This book is intended for technical personnel.

Summary: The book deals with the automation of mechanical working processes in small-lot production in the light industry. The use of hydraulic copying slides is explained, and practical experience in the introduction of copying slides into the production of small-lot production is described. The improvement of such slides with the use of hydraulic copying slides is described. The improvement of such slides with the use of hydraulic copying slides is described. The improvement of such slides with the use of hydraulic copying slides is described. The improvement of such slides with the use of hydraulic copying slides is described.

For the simplest control systems, and a number of the original systems are described. Automation problems involved in the copy making method are investigated. The possibilities are outlined. There are 11 references; 66 figures and 13 English.

Author: I.V. and M.V. Kuznetsov. Experience Gained in the Use of Hydraulic Copying Slides in Light Production. 113

SECTION II.

EXPERIMENTAL PROGRAM CONTROL

Author: M. Line of Operational Program Control for the Automation of Machine Tools in Mechanical Production. 139

Author: A.G. Gerasimov, G.D. Korotkiy, G.D. Korotkiy, and S.A. Tomilov. Operational Control Device for Controlling Machine Tools During Mechanical of Second-Cut Curves. 157

Author: A.G. Gerasimov, G.D. Korotkiy, and S.A. Tomilov. Operational Control Device for Controlling Machine Tools During Mechanical of Second-Cut Curves. 157

Author: M.G. Zhurav, Ye. S. Gerasimov, and M.A. Trubnikov. Drilling Machine with Program Control. 189

Author: M.A. The Use of Acoustoelectric Transducers as Working Devices in Program Control Systems. 202

Author: M.A. The Use of Acoustoelectric Transducers as Working Devices in Program Control Systems. 202

Author: P.A. Interrelated Single-Coordinate Program Control System for Lathes. 243

Author: A.P. Experience Gained in the Use of the Sigma Program Control System on Turret Lathes (O.A. Ilyin, Candidate of Technical Sciences). 258

SECTION III.

APPLICATION OF LOG PRODUCTION BASED ON MS

Author: A.P. Group Method as the Basis of Automation in Lat Production. 269

Author: A.P. Group Method as the Basis of Automation in Lat Production. 269

Author: I.M. and G.F. Gerasimov, Mechanization of the Control of the Operation of Working at the Turret Lathe Laps (Pavel Samoilov). 311

Author: I.M. and G.F. Gerasimov, Mechanization of the Control of the Operation of Working at the Turret Lathe Laps (Pavel Samoilov). 311

Author: I.M. and G.F. Gerasimov, Mechanization of the Control of the Operation of Working at the Turret Lathe Laps (Pavel Samoilov). 311

RAZYGRAYEV, Arkadiy Mikhaylovich; DVORIN, Zinoviy Abramovich; GOL'TSIKER, David Girshevich; BAKHAREV, Sergey Aleksandrovich; FATEYEV, A.V., doktor tekhn. nauk, retsenzent; VOROSHILOV, M.S., kand. tekhn.nauk, red.; BOROJULINA, I.A., red. izd-va; SHCHETININA, L.V., tekhn.red.

[Design and assembly of the electrical equipment of metal-cutting machines] Proektirovanie i montazh elektrooborudovaniia metallorazhushchikh stankov. Izd. 2., dop. i perer. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 303 p.

(MIRA 14:6)

(Cutting machines--Electric equipment)

DVORINA, A.M.; ENDER, R.B.

Problem of intracranial calcifications. Vest. rent. i rad. no.4:
73-75 JI-Ag '54. (MIRA 7:10)

1. Iz kafedry rentgenologii (zav. prof. A.I.Dombrovskiy) Rostovskogo-
na-Donu meditsinskogo instituta i detskogo otdeleniya 1-y gorodskoy
bol'nitsy (glavnyy vrach S.I.II'nitskiy)

(BRAIN, diseases,
calcification, x-ray)

(CALCIFICATION,
brain, x-ray)

DVORINA, G.M., inzh.; STYUSHIN, N.G., kand. tekhn. nauk

Relative motion of a steam phase during an adiabatic flow of a two-phase current in pipes. Teploenergetika 12 no.6:79-80 Je '65. (MIRA 18:9)

1. Moskovskiy institut khimicheskogo mashinostroyeniya.

"APPROVED FOR RELEASE: 08/25/2000

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CIA-RDP86-00513R000411630005-1"

DVORINA, L.A. (Kiyev); VERKHOGLYADOVA, T.S. (Kiyev)

Preparing rare-earth metal silicides by arc melting. Izv. AN
SSSR. Met. no.6:62-68 N-D '65. (MIRA 19:1)

1. Submitted May 4, 1964.

ACC NR: AP5027933

SOURCE CODE: UR/0363/65/001/010/1772/1777

AUTHOR: Dvorina, L. A.

ORG: Institute of Materials Science Problems, Academy of Sciences, UkrSSR, Kiev (Institut problem materialovedeniya Akademii nauk UkrSSR)

TITLE: Some physicochemical properties of rare earth silicides

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 10, 1965, 1772-1777

TOPIC TAGS: rare earth metal, silicide, hardness, high temperature oxidation, oxidation kinetics

ABSTRACT: The microhardness and high-temperature oxidation resistance of scandium, yttrium, lanthanum, cerium, praseodymium, and neodymium silicides were studied. In all cases, the microhardness is found to change with the load up to a certain value of the latter, beyond which the microhardness changed to a negligible extent. This pattern confirms an earlier hypothesis according to which the microhardness varies with the load employed. The microhardness was found to be lowest in phases rich in silicon. This is explained by the prevalence of covalent bonds between the silicon atoms over M-Si and M-M bonds, which causes a marked asymmetry in the electron density distribution and a corresponding drop in hardness. This asymmetry also causes the appearance of semiconducting properties in lanthanum disilicide and cerium disilicide. The greatest hardness and brittleness are displayed by rare earth

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UDC: 546.65'281

L 7902-66

ACC NR: AP5027933

monosilicides. Analysis of the data on the oxidation kinetics of rare earth silicides and on the temperature dependence of the rate of their oxidation showed that the oxidation is a complex process involving several elementary components the interaction of which varies appreciably with changes in temperature and time. Scandium silicides have the greatest and cerium silicides the lowest oxidation resistance. Orig. art. has: 5 figures and 4 tables.

SUB CODE: IC / SUBM DATE: 05Jul65 / ORIG REF: 009 / OTH REF: 003

nw

Card 2/2

SAMSONOV, G.V.; VERKHOGLYADOVA, T.S.; DVORINA, L.A.

Hardness of certain rare-earth metal silicides. Fiz. met. i metal-
loved. 19 no.6:939-941 Je '65. (MIRA 18:7)

1. Institut problem materialovedeniya AN UkrSSR.

L 40333-66 EWP(k)/EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6014111 (A)

SOURCE CODE: UR/0370/65/000/006/0062/0068

AUTHORS: Dvorina, L. A. (Kiev); Verkhoglyadova, T. S. (Kiev)

32
29
B

ORG: none

TITLE: Producing silicides of rare metals by arc smelting

SOURCE: AN SSSR. Izvestiya. Metally, no. 6, 1965, 62-68

TOPIC TAGS: silicide, rare metal alloy, silicon alloy, scandium, yttrium,
lanthanum, cerium, praseodymium, neodymium
alloy, metal chemical analysis, x ray analysis

ABSTRACT: The formation of silicides of rare metals by arc smelting was experimental-ly investigated by alloying Si(99.9% pure) with Sc(97% pure), Y(95%), La(97.9%), Ce(98%), Pr, and Nd in different ratios and by performing x-ray phase and chemical analyses on the resulting alloys. Tables of the initial compositions and the final phase compositions of the various alloys are presented. It was found that to obtain the pure silicidic phase no excess of either component (over the stoichiometric ratio) was necessary for the Sc-Si system, while a 1.5--2.0% excess of Si was necessary for the Y, Pr, and Nd-Si systems and a 2--3% Si excess for the La and Ce-Si systems. Homogenization of the alloys for 5--7 hours in a high vacuum (10^{-5} mm kg) is recommended at 1600K for Sc and Y alloys and at 1370--1570K for

UDC: 669.85/.86

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L 40333-66

ACC NR: AP6014111

3

Ce, La, Pr, and Nd alloys. Several new phases were established and are briefly discussed. Ye. I. Gladyshevskiy of the L'vov State University, Inorganic Chemistry Department (L'vovskiy gosudarstvennyy universitet, kafedra neorganicheskoy khimii) performed the x-ray phase analyses. Orig. art. has: 6 tables and 1 figure.

SUB CODE: 11,20/

SUBM DATE: 04May64/

ORIG REF: 007/

OTH REF: 007

rare earth metals 27

I 41344-66 BWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6020967 (N) SOURCE CODE: UR/0226/66/000/006/0092/0094

38
36
B

AUTHOR: Dvorina, L. A.

ORG: Institute for Problems in Science of Materials, AN UkrSSR (Institut problem materialovedeniya, AN USSR)

TITLE: Obtaining silicides of rare-earth elements

SOURCE: Poroshkovaya metallurgiya, no. 6, 1966, 92-94

TOPIC TAGS: rare earth element, scandium, yttrium, lanthanum, cerium, silicide

ABSTRACT: The paper describes a study of the possibility of synthesizing silicides of rare-earth elements by fusing their initial components in an arc furnace in an inert atmosphere as well as by reducing the rare earth element oxides with silicon in vacuo. On the basis of this research, conditions are established for obtaining mono- and disilicides of scandium, yttrium, lanthanum, and cerium. The x-ray phase analysis of the elements has been carried out at the Department of Inorganic

Card 1/2

L 41344-66

2

ACC NR: AP6020967

Chemistry of L'vov State University under the supervision of Ye. I. Gladyshevskiy.
Orig. art. has: 2 tables. [Based on author's abstract] [AM]

SUB CODE: 11/ SUBM DATE: 18Mar66/ ORIG REF: 003/ COTH REF: 009/

2/2 11b

L 47290-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG/WB

ACC NR: AP6032271

(A)

SOURCE CODE: UR/0076/66/040/009/2250/2254

39
B

AUTHOR: Verkhoglyadova, T. S. (Deceased); Dvorina, L. A.

ORG: Kiev Institute of Problems in Material Science (Kiyevskiy Institut Problem materialovedeniya)

TITLE: High-temperature oxidation of some rare earth-metal silicides

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 9, 1966, 2250-2254

TOPIC TAGS: rare earth metal, silicide, lanthanum silicide, scandium silicide, yttrium silicide, cerium silicide, silicide oxidation, SCANDIUM, YTTRIUM, LANTHANUM, CERIUM, METAL OXIDATION

ABSTRACT: The oxidation behavior of the scandium, yttrium, lanthanum and cerium silicides in air at 300-1100C has been studied. Silicide specimens 99.9%-pure were prepared by powder-metallurgy methods. Scandium silicides, especially monosilicide (ScSi), were found to be the most oxidation resistant. A dense oxide film on scandium monosilicide begins to form at 500C. The film tightly adheres to the base. Only at 1100C does the film lose its protective ability. The lower silicide ScSi₃ and the higher silicide Sc₃Si₅ behave similarly, but the former begins to oxidize at 300C, the latter at 700C, and the oxide films of both lose protective ability at 900C. The yttrium, lanthanum and cerium silicides have low oxidation resistance. A loosening of oxide films and rapid oxidation in all these silicides begins at 300-700C. Orig. art. has: 2 tables. [DV]

SUKHININ, P. L., prof.; DVORINA, V. M.

Myocardial infarct before forty. Terap. arkh. 33 no.5:3-7 My '61.
(MIRA 14:12)

1. Iz terapevticheskoy kliniki Instituta imeni Sklifosovskogo.

(HEART--INFARCTION)

SUKHININ, P.L., prof.; DVORINA, V.M.

Myocardial infarction in young patients. Trudy Inst. im.
N.V. Sklif. 5 no.2:4-16 '62. (MIRA 18:6)

DVORINA, V.M.

Cantharidin test in rheumatic fever. Trudy Inst. im. N.V.
Sklif. 5 no.2:85-89 '62.

Poisoning by pachycarpine. Ibid.:179-183

(MIRA 18:6)

ZILIST, Petr Sigizmundovich; KAZACHKOV, David L'vovich; DVORKIN,
A.L., inzh., retsenzent; UTKIN, K.V., inzh., retsenzent
VERDNIKOV, Ya.V., nauchn. red.; NIKITINA, M.I., red.

[Overall mechanization of planning and designing operations
in shipbuilding] Kompleksnaia mekhanizatsiia proektno-
konstruktorskikh rabot v sudostroenii. Leningrad, Sudc-
stroenie, 1965. 315 p. (MIRA 18:12)

DVORKIN, A.M.

Scientific research work and organizational methods in traumatology and orthopedics. Ortop.travm. i protes. 17 no.6:39-42 N-D '56.

(MIRA 10:2)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. N.N.Priorov)

(WOUNDS AND INJURIES

progr. in traumatol. in Russia)

DVORKIN, A. M.

Organization of medical service in coal industry. Sovet.
zdravookhr. no.4:52-56 July-Aug. 1950. (CIML 20:1)

1. Of the Department of Sanitation Statistics (Head -- P. A. Kuvshinnikov, Active Member of the Academy of Medical Sciences USSR), Institute for Public Health Organization and History of Medicine imeni N. A. Semashko (Director -- N. A. Vinogradov), of the Academy of Medical Sciences USSR.

DVORKIN, A.M.

Ten years of therapeutic and prophylactic services for disabled veterans of World War II by general public health organization. Sov.med. 20 no.5:86-90 My '56. (MLRA 9:9)

1. Iz Tsentral'nogo instituta travmatologii i optopedii (dir. - chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. N.P. Priorov) Ministerstva zdavookhraneniya SSSR.

(VETERANS,
med. serv. for disable veterans in Russia (Rus))

DVORKIN, A.M., prof., CANDIDATE of Medical Sciences,

"Trauma as a Social-Hygiene Problem," He emphasized the importance of preserving the health of the Soviet people and the necessity of eradicating trauma of children, which still amounts to 22% of nonindustrial traumas. Paper presented at 11th Session of IAMS USSR on Trauma, April 1957.

SO: Sum. 1644

DVORKIN, A.M.

Immediate problems in preventing injuries and organizing first aid.
Sov.zdrav. 16 no.7:9-14 J1 '57. (MIRA 10:11)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii Ministerstva
zdravookhraneniya SSSR (dir. - prof. N.N.Priorov)
(ACCIDENTS, INDUSTRIAL, prevention and control,
in Russia (Rus))

DVORKIN, A.M., kandidat meditsinskikh nauk

Prevention of accidents in the coal mining industry. Ortop., travm.
i protak. 18 no.1:47-50 Ja-F '57. (MIRA 10:6)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. -
chlen-korrespondent Akademii meditsinskikh nauk SSSR prof.
N.N.Priorov).

(WOUNDS AND INJURIES, prev. and control
in mines in Russia)

(MINING
prev. of trauma in mines in Russia)

DVORKIN, A.M.

DVORKIN, A.M. (Moshko)

"Prevention of accidents in machine-tractor stations, state and collective farms" by G.N.Luk'ianov. Reviewed by A.M.Dvorkin.
Ortop.travm. i protez. 18 no.3:80-82 My-Je '57. (MLRA 10:9)
(AGRICULTURE--SAFETY MEASURES)
(LUK'IANOV, G.N.)

VINOGRADOV, N.A., prof., red.; DVORKIN, A.M., red.; OPPENHEYM, D.G., red.
LYUDKOVSKAYA, N.I., tekhn.red.

[Public health organization in the U.S.S.R.] Organizatsiia zdavookhra-
neniia v SSSR; posobie dlia vrachei. Moskva, Gos. izd-vo med. lit-ry.
Vol.1. 1958. 517 p.; Vol.2. 1958. 585 p. (MIRA 11:9)
(PUBLIC HEALTH)

DVORKIN, A.M.

Occupational injuries and their prevention. Sov.zdrav. 17 no.10
22-26 0 '58 (MIRA 11:11)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii Ministerstva
zdravookhraneniya SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof.
N.N. Prirov).

(ACCIDENTS, INDUSTRIAL, prev. & control.
in Russia (Rus))

DVORKIN, A.M.

International medical conference. Sov.med. 22 no.3:145-150 Mr '58.
(MIRA 11:4)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta travmatologii
i ortopedii Ministerstva zdravookhraneniya SSSR.
(VETERANS--MEDICAL CARE)

PRIOROV, N.N., prof.; DVORKIN, A.M., kand.med.nauk

Seven-year plan and problem in traumatology. Vest.AMN SSSR 15 n0.2:
73-79 '60. (MIRA 14:6)

1. Deystvitel'nyy chlen AMN SSSR (for Priorov).
(WOUNDS) (ACCIDENTS)

DVORKIN, A.M.

Seven year plan and the prevention of accidents in coal industry.
Ortop.travm.i protez. 21 no.6:63-67 Je '60. (MIRA 13:12)
(COAL MINES AND MINING--ACCIDENTS)

REVZIN, Iosif Il'ich, kand. med. nauk, laureat Stalinskoy premii; DVOR-
KIN, A.M., red.; POGOSKINA, M.V., tekhn. red.

[Plastics in medicine] Plastmassy v meditsine. Moskva, Medgiz,
1961. 179 p. (MIRA 14:12)

(PLASTICS)

PRIOROV, N.N., prof.; DVORKIN, A.M., kand.med.nauk

Alcohol and accidents. Zdorov'e 7 no. 4:21-22 Ap '61.

(MIRA 14:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
Priorov).

(ALCOHOLISM) (ACCIDENTS)

DVORKIN, A. M., starshiy nauchnyy sotrudnik

Polyclinical service for traumatological patients. Ortop., travm.
i protez. no.12:40-44 '61. (MIRA 15:2)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. -
deystvitel'nyy chlen AMN SSSR prof. N. N. Pricorov[deceased])

(FIRST AID IN ILLNESS AND INJURY)
(ORTHOPEDIA—HOSPITALS AND INSTITUTIONS)

PRIOROV, Nikolay Nikolayevich[deceased]; DVORKIN, Aleksandr Markovich;
KHEYFETS, Lyubov' Zakharovna; BLISEYEVA, A.V., red.; ZUYEVA,
N.K., tekhn. red.

[Prevention of accidents in agriculture and medical care in
injuries] Profilaktika travmatizma v sel'skokhoziaistvennom
proizvodstve i lechebnaia pomoshch' pri travmakh. Moskva, Med-
giz, 1962. 218 p. (MIRA 15:7)
(~~AGRICULTURE~~-ACCIDENTS) (WOUNDS--TREATMENT)

VOLKOV, M.V.; DVORKIN, A.M. (Moskva)

Problems in traumatology and orthopedics in light of the decisions
of the 22d Congress of the CPSU. Ortop., travm.i protez. no.4:3-
10 '62. (MIRA 15:5)

(ORTHOPEDIA) (TRAUMATISM) (COMMUNISM AND SCIENCE)

VOLKOV, M.V.; DYORKIN, A.M.

Prevention and control of agricultural accidents is the chief task of surgeons employed in the agricultural industry. Khirurgiia 38 no.10:3-6 0 '62. (MIRA 15:12)

1. Tsentral'nyy instituta travmatologii i ortopedii, Moskva.
(AGRICULTURE--ACCIDENTS)

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

[Materials of the Congress of Traumatologists and Ortho-
pedists of the U.S.S.R., September 17-21, 1963] Materialy
S"ezda travmatologov ortopedov SSSR. Vses.nauchn.med. ob-vo
travmatologov-ortopedov, 1963. 211 p. (MIRA 18:4)
1. S"yezd travmatologov ortopedov SSSR. 1st, 1963. 2. Mi-
nisterstvo zdravookhraneniya SSSR (for Safonov).

MIRONOVA, Zoya Sergeyevna; KHEYFETS, Lyubov' Zakharovna;
DVORKIN, A.M., red.; DESHIN, D.F., red.

[Prevention and treatment of sports injuries] Profilak-
tika i lechenie sportivnykh travm. Moskva, Meditsina,
1965. 156 p. (MIRA 18:10)

VOLKOV, M.W.; DVORKIN, A.M. (Moskva)

Ways of improving polyclinical traumatological and orthopedic
aid to the population. Ortop., travm. i protez. 26 no.5:41-46
My '65. (MIRA 18:10)

1. Adres avtorov: Moskva A- 299, ul. Priorova, d.10, TSentral'nyy
institut travmatologii i ortopedii.

VOLKOV, M.W.; DVORKIN, A.M.

Some results of the implementation of the plan for scientific studies on the problem "trauma, traumatism, and orthopedic diseases" during 1964. Q top., travm. i protez. 26 no.9:90-94 S '65. (MIRA 18:10)

1. Predsedatel' Problemy komissii Vsesoyuznogo nauchnogo obshchestva travmatologov-ortopedov (for Volkov). 2. Uchetnyy sekretar' Problemy komissii Vsesoyuznogo nauchnogo obshchestva travmatologov-ortopedov (for Dvorkin). Adres avtorov: Moskva A-299, ul. Frunzeva, d. 10, Tsentral'nyy institut travmatologii i ortopedii.

ARONZON, V.L., inzh.; VYSOTSKIY, Ye.A., inzh.; DVORKIN, A.S., inzh.

Using piston raw-petroleum meters in pneumatically controlled systems. Priborostroenie no.12:21-22 D '65.

(MIRA 19:1)

DVORKIN, B.A., Land Geog. Sci -- (diss) "^{the}Geography of Agriculture
of the steppes of ^{the}Crimea." Mos, 1958 20 pp (Acad Sci USSR. Inst of
Geography), 100 copies (KL, 24-58, 117)

DVORKIN, B.E., inzh.

Standardization of prestressed bridge beams. Transp.stroi. 13 no.9:
15-18 S '63.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000411630005-1

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000411630005-1"

DVORKIN, E.A.

Osteoarticular changes in persons working on vibrational
compaction of concrete. Trudy LSGMI 75:91-93 '63.
(MIRA 17:4)

1. Kafedra gigiyeny truda s klinikoy professional'nykh
zabolevaniy (zav. kafedroy - prof. Ye.TS. Andreyeva -
Galanina) i kafedra rentgenologii (zav. - prof. B.M.
Shtern) Leningradskogo sanitarno-gigiyenicheskogo me-
ditsinskogo instituta.

USSR/Human and Animal Physiology - (Normal and Pathological).
Blood. The Forming Elements of Blood.

T-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50672

Author : El'pincer, I.Ye., Dvorkin, G.A.

Inst : Academy of Sciences USSR.

Title : The Effect of Ultrasonic Waves upon the Superficially
Located Adenosine Polyphosphatase (Ectoaspirase) of
Nucleic Erythrocytes.

Orig Pub : Dokl. AN SSSR, 1957, 113, No 2, 323-325

Abstract : Erythrocytes (E) were isolated from heparinized blood of
pigeons; after the plasma was washed off, the erythrocy-
tes were suspended in a 1.14 percent NaCl solution, and
subjected to ultrasonic wave treatment. As the ultrasonic
(US) source, a piezo-quartz plate of 5 cm in diameter was
used. In order to determine the activity of the ferment,

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USSR/Human and Animal Physiology - (Normal and Pathological).
Blood. The Forming Elements of Blood.

T-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50672

0.01 ml of densely centrifugated E were incubated with ATP [adenosine-triphosphate] in the presence of 0.001 M of $MgCl_2$ at 37° [C] and of pH 8 (barbital buffer). The ability of E to split off phosphate from ATP was determined by accumulation of anorganic phosphate during the period of 10 minutes. Osmotic E resistability of pigeons was lower than of rabbits and rats. It became even lower within the US field: 15-20 seconds after the sound treatment, hemolysis of nucleic E took place. Ectoapirase (I) activity of E in pigeons rose to its maximum after 5-7 seconds. After 15 seconds, however, it became less active than I activity of intact E. Ferments were not discovered in the isotonic solution, which surrounds E. $CdCl_2$ (0.00001 M), which blocks hydrosulfurous groups, decreased I activity. When 0.001 M of cysteine was added, I activity was again restored.

Card 2/3

USSR/Human and Animal Physiology - (Normal and Pathological).
Blood. The Forming Elements of Blood.

T-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50672

I activity rose under the influence of US waves, even
then when it was considerably inhibited by $CdCl_2$.
Apparently, new fermentation centers are "bared" under
the influence of US waves, and some of them are sensitive
to thiotic poisons. -- A.D. Beloborodova.

Card 3/3

- 28 -

DVORKIN, G.A., Cand Bio Sci--(diss) "Effect of ultra-^{sonic} sound waves on the physico-chemical state and the enzymatic activity of the surface layers of the cell." Mos, 1958. 8 pp (Acad Sci USSR. Inst of Biological Chemistry. Inst of Biological Physics), 120 copies (RL,25-58,110)

- 57 -

DVORKIN, G.A.

Modified Abramson and Moyer's chamber for microelectrophoresis.
Biofizika 3 no.5:610-613 '58 (MIRA 11:10)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(ELECTROPHORESIS, appar. & instruments,
Abramson-Moyer's chamber for micro-electrophoresis (Rus))

EL'PINER, I.Ye.; DVORKIN, G.A.

Effect of ultrasonic waves on the electrokinetic potential of cells [with summary in English]. Biofizika 3 no.6:641-647 '58. (MIRA 12:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(ULTRASONICS, eff.
on erythrocyte electrokinetic potential (Rus))
(ERYTHROCYTES, eff. of radiations,
ultrasonics, on electrokinetic potential (Rus))

DVORKIN, G.A.

Conference on the biophysics of erythrocytes. Biofizika 5
no. 4:510-512 '60. (MIRA 13:12)

(ERYTHROCYTES)

DVORKIN, G.A.; EL'PINER, I.Ye.

Physicochemical modifications of desoxyribonucleic acid caused by
ultrasonic waves. Dokl. AN SSSR 134 no.3:702-705 S '60. (MIRA 13:9)

1. Institut biologicheskoy fiziki Akademii nauk SSSR. Predstavleno
akademikom L.S. Shtern.

(DESOXYRIBONUCLEIC ACID)

(ULTRASONIC WAVES)

DVORKIN, G.A.

Electric dichroism of desoxyribonucleic acid solutions. Dokl. AN
SSSR 135 no.3:739-742 N '60. (MIRA 13:12)

1. Institut biologicheskoy fiziki Akademii nauk SSSR. Predstavleno
akad. I.V. Ovreimovym.
(DESOZYRIBONUCLEIC ACID) (DICHROISM) (MOLECULES)

DVORKIN, G.A.; SPIRIN, A.S.

Molecular configuration of infective viral ribonucleic acid in solutions according to the data of electric dichroism measurements.
Dokl. AN SSSR 135 no.4:987-990 '60. (MIRA 13:11)

1. Institut biokhimi i. A.N.Bakha Akademii nauk SSSR.
Predstavleno akademikom A.I.Oparinyam.
(Nucleic acids) (Molecules) (Dichroism)

DVORKIN, G. A. (USSR)

"The Use of Electro-Optical Methods for Investigation of the
Physical Properties and Structure of Macromolecules."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

DVORKIN, G.A.

Electrooptical properties of deoxyribonucleic acid solutions.
Biofizika 6 no.4:403-409 '61. (MIRA 14:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(DESOXYRIBONUCLEIC ACID—ELECTRIC PROPERTIES)
(DICHROISM)

DVORKIN, G.A.; KRINSKIY, V.I.

Absorption of light by the solution of desoxyribonucleic acid
oriented in the electric field. Dokl. AN SSSR 140 no.4:942-945
0 '61. (MIRA 14:9)

1. Institut biologicheskoy fiziki AN SSSR. Predstavleno akademikom
I.V.Obreimovym.
(Desoxyribonucleic acid) (Absorption of light)

DVORKIN, G.A.

Coding of genetic information in nucleic acids. Zhur. ob.biol.
23 no.3:216-226 My-Je '62. (MIRA 15:6)

1. Institut biofiziki AN SSSR.
(CHEMICAL GENETICS)

27.1100

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S/218/62/027/003/001/005
I018/I218

AUTHOR: Bogdanova, Ye. S., Gavrilova, L. P., Dvorkin, G. A., Kiselev, N. A. and Spirin, A. S.

TITLE: Macromolecular structure of high-polymer (ribosomal) ribonucleic acid

PERIODICAL: Biokhimiya, v. 27, no. 3. 1962, 387-402

TEXT: RNA of *E. coli* was studied by means of sedimentation, viscosity, UV absorption, optical rotation, UV electric dichroism measurements and electron microscopy. In its physical and physico-chemical properties it resembles closely the native TMV RNA studied earlier. The macrostructural organization of high-polymer TMV RNA resembles that of *E. coli* ribosomal RNA. Each macromolecule constitutes one continuous polynucleotide chain. The configuration in solution is governed by the free equilibrium resulting from the reversible interaction of intramolecular forces (hydrogen bonds, electrostatic repulsion and probably coordinate links involving metals). At room temperature and at a sufficient ionic strength, short mainly adjacent sections of the single-stranded polynucleotide chain interact with each other in pairs by means of hydrogen bonds forming short double-stranded DNA-like helical regions stabilized by hydrogen bonds (secondary structure). As a whole, RNA macromolecules can be found in different configurations, depending on ionic strength, temperature and: a) an unfolded strand without any secondary structure; b) a compact rod formed by linear piling of numerous short helical regions orderly oriented and alternating with

Card 1/2

Macromolecular structure of...

8/218/62-027003/001005
1018/1218

random chain regions, c) a compact coil made up from the non-oriented helical and random regions. All these configurations are interrelated with each other by free reversible transitions. There are 9 figures and 35 references.

ASSOCIATION: Institut biokhimii im. A. N. Bakha, Institut biofiziki i Institut kristallografii Akademii nauk SSSR, Moscow (Institute of Biochemistry im. A. N. Bakh, Institute of Biophysics and Institute of Crystallography, Academy of Sciences USSR)

SUBMITTED: December 5, 1961

Card 2/2

DVORKIN, G.A.; GOHB, Ye.I.

Double light refraction of solutions of deoxyribonucleic acid
in an electric field. Biofizika 8 no.3:301-307 '63.

(MIRA 17:11)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.

SPIRIN, A.S.; DVORKIN, G.A.; KISELEV, L.L.; SMIRNOV, V.N.

Problems of protein biosynthesis. Usp.biol.khim. 5:3-60 '63.
(MIRA 17:3)

GOLUB, Ye.I.; DVORKIN, G.A.; NAZARENKO, V.G.

Evaluation of the rigidity of DNA molecules in a solution.
Biokhimiia 28 no.6:1041-1046 N-D'63 (MIRA 17:1)

1. Institute of Biophysics, Academy of Sciences of the U.S.S.R.
Moscow.

GOLUB, Ye.I.; GAUZE, G.G.; DVORKIN, G.A.; SPIRIN, A.S.

Electrooptical methods for studying the ribosomes from *Escherichia coli*. Dokl. AN SSSR 149 no.2:446-449 Mr '63. (MIRA 16:3)

1. Institut biofiziki AN SSSR i Institut biokhimii im. A.N.Bakha AN SSSR. Predstavleno akademikom A.I. Oparinym.
(ESCHERICHIA COLI) (ELECTRON OPTICS) (PROTEIN METABOLISM)

GOLUB, Ye.I.; DVORKIN, G.A.

Birefringence in deoxyribonucleoproteid solutions in an electric field. Dokl. AN SSSR 151 no.1:224-226 J1 '63. (MIRA 16:9)

1. Predstavleno akademikom A.N.Belozerskim.
(Refraction, Double) (Nucleic acids)

DVORKIN, G.A.; GOLUB, Ye.I.; GORBACHEV, L.P.; KORENEVA, L.G.;
MEKSHENKOV, M.I.

Dispersion of the optic rotation of deoxyribonucleic acid isolated
from T-2 bacteriophages. Dokl. AN SSSR 151 no.5:1211-1214 Ag
'63. (MIRA 16:9)

1. Institut biologicheskoy fiziki AN SSSR. Predstavleno akademikom
A.N.Belozerskim.

(Bacteriophage) (Nucleic acids)

KORENEVA, L.G.; DVORKIN, G.A.; SMOLYANINOV, V.V.

Anomalous dispersion of the optic activity of nucleic acids and nucleotides. Dokl. AN SSSR 162 no.2:451-454 My '65. (MIRA 18:5)

1. Institut biologicheskoy fiziki AN SSSR. Submitted July 6, 1964.

DVORKIN, I.

"Bourgeois economics of the U.S.A."; based on the study of the main stages in the development of American capitalism" by L.B. Al'ter. Reviewed by I.Dvorkin. Vop. ekon. no.8:128-132 Ag '62. (MIRA 15:8)

(United States--Economics)

DVORKIN, I.

Technological theory in bourgeois economics. Vop.ekon. no.4:107-
120 Ap '63. (MIRA 16:4)

(Automation--Economic aspects)
(Capitalism)

BLUMIN, Izrail' Grigor'yevich; KORMIL'TSEVA, A.A., red. izd-va;
DVORKIN, I.N., doktor ekon. nauk, otv. red.; TIKHOMIROVA, S.G.,
tekh. red.

[Criticism of bourgeois economics] Kritika burzhuaznoi politicheskoi ekonomii. Moskva, Izd-vo Akad. nauk SSSR. Vol.2. Criticism of modern British and American economics] Kritika sovremennoi angliiskoi i amerikanskoi politicheskoi ekonomii. 1962.

517 p.

(MIRA 16:1)

(Great Britain--Economics)

(United States--Economics)

DVORKIN, I.F.

Making steel castings in shell molds. Lit.proizv. no.2:39-40
F '62. (MIRA 15:2)
(Steel castings) (Shell molding)

COPIED

AID P - 3823

Subject : USSR/Geology

Card 1/2 Pub. 78 - 11/25

Authors : Galyavich, A. Sh., I. L. Dvorkin, I. Yu. Lepeshinskiy
and V. S. Dorofeyev

Title : Appraisal of water-oil bearing beds in cased wells by
the gamma-neutron radioactivity logging method

Periodical : Neft. khoz., v. 33, #11, 59-62, N 1955

Abstract : The author gives examples taken from measurements in the
Tuymazy oil field of successful determination of the water,
water-oil and oil layers in casing collars, when measured
in the cased well by the gamma-neutron radioactivity
logging method and properly analysing and interpreting
the secondary gamma radiation. In order to diminish
errors, he suggests increasing the diameter of the
radioactivity logging depth instrument and advocates
further research to improve the accuracy of those instru-
ments and to develop methods of more accurate interpretation
of radioactivity logs. Charts, 4 references, 1952.

Neft. khoz., v. 33, #11, 59-62, N 1955

AID P - 3823

Card 2/2 Pub. 78 - 11/25

Institution : B. B. Lapuk, Member of the Staff of the Moscow Petroleum
Institute im. I. M. Gubkin.

Submitted : No date

DWORKING, I.L.

567/5600

PHASE I BOOK RELEVANTIONS

Izdatstva geofizika: sbornik statey po ispol'zovaniyu radioaktivnykh izlocheniy v razvedke i geologii nefti (Nuclear Geophysics: Collection of Articles on the Use of Radioactive Radiation and Isotopes in Petroleum Geology) Moscow, Gosneftizdat, 1959. 370 p. Errata slip inserted. 4,000 copies printed.

Ed.: V.A. Alakayev, Professor, Doctor of Geological and Mineralogical Sciences; Assoc. Ed.: A.P. Kikintarov; Tech. Ed.: A.S. Polozina.

FOREWORD: This book is intended for petroleum geologists, geophysicists and scientists engaged in geological research who are interested in radioelectric techniques of petroleum prospecting.

CONTENTS: The collection contains 26 articles compiled by staff members and assistants of the Laboratory for Nuclear Geology and Geophysics of the Petroleum Institute (now the Institute for Geology and Mineral Processing) of the Academy of Sciences USSR, the Laboratory for Nuclear Geology (Sector of the All-Union Scientific Research Institute of Geophysics), and the Institute of Geology and Geophysics of the USSR Academy of Sciences. The articles treat the planning research projects for petroleum geology, describe radioisotopic methods (counters, etc.) for registering neutrons and gamma rays, give the results of research with models of the earth's crust, introduce fundamentals of a new method for effectively utilizing radioactivity in the analysis of rock samples from petroleum-bearing basins, etc. Problems of the method in the study and application of radioelectric measurements in boreholes are reviewed, as well as the results of studies in the nonabsorption of tritium in the soil and the movement of petroleum and water in a stratum. Finally, a new method of surveying based on measuring the radioactivity of the surface of a prospective petroleum deposit is described. No personal names are mentioned. References accompany each article.

Abstracted by S.M. Mapping Petroleum-Water Surfaces of Contact in Asphyxiated Oil Fields by the Method of Induced Radioactivity of Sodium 100

Borunov, S.A. Possibility of the Method of Induced Radioactivity for Qualitative Evaluation of the Petrologic Capacity and Other Characteristics of Strata 105

Blankov, T.K. The Effectiveness of the Methods of Induced Radioactivity of Sodium and Chlorine to Compute the Oil- and Water-bearing Capacity of Reservoir Sandstones 110

Bury, S.M., G.E. Davydov, V.Ye. Denisik, B.P. Orlinikov, and V.G. Shcherbakov. Utilization of Epithermal Neutrons in the Neutron-Neutron Method (NNM) of Evaluating the Porosity of Sand and Carbonate Collectors 124

Alakayev, V.A., S.A. Denisik, I.Y. Miller, and V.P. Orlinikov. The Use of Gamma-Ray Spectrometry to Investigate Bore Holes 134

Guberman, G.A. Gamma-Ray Spectroscopy of Natural and Artificial Radioactive Isotopes Under Bore Hole Conditions 146

Orlinikov, V.P., S.A. Denisik, and Ye. S. Shcherbakov. Determination of the Point of Water-Saturated Reservoirs from Data Obtained Using the Neutron Gamma Method and Scintillation Counters (SGM-IG) and the Neutron-Neutron Method Based on Thermal Neutrons (NNM-T) 154

Blyukov, Ye.B. Separation of the Radiation of Different Elements During the Investigation of Petroleum-Survey Bore Holes by the Method of Induced Radioactivity of Sodium and Chlorine 170

Prokhan, I.L., and E.A. Murvanov. The Use of Scintillation Counters to Count Slow Neutrons in Petroleum Survey Bore Holes 187

Zolotarev, A.V. Distribution of Slow Neutrons in a Reservoir Medium 195

Gulin, Ye.A. Influence of the Conditions of Measuring Upon Evaluating the Porosity of Rock According to Data Obtained by the Neutron Gamma Method 201

Radkov, D.V. Development of New Types of Radioelectric Apparatus for Use in Petroleum Survey Operations 222

Salov, I.Z. The Problem of Determining the Point of Water-Petroleum Contact Under Conditions of Cased Wells in Carbonate Deposits 238

Levitskiy, D.I., and Z. Ye. Gauer. Analysis of Rock Based on Neutron-Induced Activity 256

Alakayev, V.A., V.I. Yermakov, and V.A. Filozov. The Problem of Radium and Uranium Content in Oil-Field Waters 262

Yermakov, V.I., A.I. Lebedevskiy, M.G. Gerasimov, Yu. A. Romanov, and E.H. Kozlovskiy. Results of Investigations of Radium and Uranium Content in Oil-bearing Regions, Using Aerial and Ground Radioelectric Survey Methods 264

DVORKIN, I.I.

Well effect on the data of neutron-gamma logging in locating
the water-petroleum contact. Razved. i prom. geofiz. no. 32:17-25
'59. (MIRA 13:4)

(Oil well logging, Radiation)

DVORKIN, I.S.; LARIONOV, V.V.

Effect of cement salinization on estimates of water and petroleum bearing capacity of reservoir strata obtained by neutron logging. Razved. i prom. geofiz. no. 32:36-38 '59.

(MIRA 13:4)

(Oil well logging, Radiation)

DVORKIN, I.L.; ORLINSKIY, B.M.; PLOKHOTNIKOV, A.N.

Radioactive logging of oil wells during the flow production period.
Neft,khoz. 38 no.8:19-26 Ag '60. (MIRA 13:8)
(Oil well logging, Radiation)

DVORKIN, I. L.

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniya v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960; in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskyy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Patrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';
Card 1/11

Radioactive Isotopes and Nuclear (Cont.)

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SOV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskij komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

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Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

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