

ZARITSKIY, L.A., professor; LESHCHINSKIY, Ya.L., kandidat meditsinskikh nauk

Role of unconditioned reflex salivation in purulent otitis media.
Vest. oto-rin. 19 no.1:108 Ja-F '57 (MLRA 10:4)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.-prof. L.A. Zaritskiy)
Odesskogo meditsinskogo instituta i Kiyevskogo meditsinskogo
stomatologicheskogo instituta.
(SALIVARY GLANDS) (EAR--DISEASES)

ZARITSKIY, L.A.
ZARITSKIY, L.A., prof.

"Errors in the diagnosis of tonsillitis" by B.S. Preobrazhenskii.
Reviewed by L.A. Zaritskii. Vest.oto-rin. 19 no.6:100-101 M-D '57
(TONSILS--DISEASES) (PREOBRAZHENSKII, B.S.) (MIRA 11:3)

ZARITSKIY, L.A., prof.

"Chronic tonsillitis and diseases of the heart in children"
by D.D. Lebedev, E.I. Volkova. Reviewed by L.A. Zaritskii.
Vest.oto. -rin. 20 no.3:111-114 My-Je '58 (MIRA 11:6)
(TONSILS--DISEASES)
(HEART--DISEASES)
(LEBEDEV, D.D.)
(VOLKOVA, E.I.)

ZARITSKIY, L.A.; LISOVSKAYA, A.I.

Treating suppurative otitis and antritis in nursing infants.
Pediatriia 37 no.7:87 J1 '59. (MIRA 12:10)

1. Iz kliniki bolezney ucha, gorla i nosa Kiyevskogo stoma-
tologicheskogo instituta i detskogo terapevticheskogo otdeleniya
3-y Kiyevskoy klinicheskoy bol'nitsy.
(EAR--DISEASES)

ZARITSKIY, L.A., prof.; GAYEVSKIY, V.A., aspirant

Mobilization of the stirrup in otosclerosis. Zhur. ush., nos.
1 gorl. bol. 19 no.5:49-54 S-O '59. (MIRA 14:10)

1. Iz otolaringologicheskoy kliniki (zav. - prof. L.A.Zaritskiy)
Odesskogo meditsinskogo instituta imeni N.I.Pirogova.
(OTOSCLEROSIS)

ZARITSKIY, L.A., prof.; YELIN, M.Kh., kand.med.nauk

Report on the activities of the Odessa City and Province Scientific
Society of Otolaryngologists for the year 1958. Zhur. ush., nos.
1 gorl. bol. 19 no.5:88-92 3-0 '59. (MIRA 14:10)

1. Predsedatel' Odesskogo gorodskogo i oblastnogo nauchnogo
obshchestva otolaringologov.
(ODESSA PROVINCE—OTOLARYNGOLOGICAL SOCIETIES)

ZARITSKIY, L.A., prof.; GAYEVSKIY, V.A.

Effectiveness of stapes mobilization in the treatment of otosclerosis.
Zhur. ush., nos. 1 gorl. bol. 20 no.6:20-25 N-D '60. (MIRA 15:2)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. L.A.Zaritskiy)
Odesskogo meditsinskogo instituta imeni N.I.Pirogova.
(EAR SURGERY) (OTOSCLEROSIS)

ZARITSKIY, L.A., prof.; YELIN, M.Kh., kand.med.nauk

In memory of Lazar Moiseevich Rozenfel'd; obituary. Vest. otorin.
22 no.1:120 Ja-F '60. (MIRA 14:5)

1. Predsedatel' pravleniya Odesskogo nauchnogo meditsinskogo
obshchestva otolaringologov (for Zaritskiy). Sekretar' pravleniya
Odesskogo nauchnogo meditsinskogo obshchestva otolaringologov (for
Yelin).

(ROZENFEL'D, LAZAR MOISEEVICH, 1872-1959)

ZARITSKIY, I. A.

"The efficacy of the treatment of cancer of the larynx."

report submitted for the Seventh Intl. Congress of Otorhinolaryngology,
Paris, 23-29 July 1961

Odessa, USSR

ZARITSKIY, L.A., zasluzhennyy deyatel' nauki, prof.

Review of the book "Problems in clinical otorhinolaryngology;"
collected works of the Otorhinolaryngological Department of the
Izhevsk Medical Institute. Zhur. ush., nos. 1 gorl. bol. 23 no.6:
86-87 N-D '63. (MIRA 17:5)

KOLOMIYCHENKO, A.I., prof., Laureat Leninskoy premii, zasl. deyatel' nauki, red.; LUKOVSKIY, L.A., prof., red.; ZARITSKIY, L.A., prof., zasl. deyatel' nauki, red.; PITENKO, N.F., prof., red.; GLADKOV, A.A., prof., red.; KURILIN, I.A., prof., red.; MOSTOVOY, S.I., doktor med. nauk, red.; BARLYAK, R.A., prof., red.; SHPARENKO, B.A., dots., red.; ROZENGAUZ, D.Ye., dots., red.; KHARSHAK, B.M., dots., red.; CHERNOVA, I.A., kand.med. nauk, red.

[Current problems of clinical and experimental otolaryngology]
Aktual'nye voprosy kliniko-eksperimental'noi otolaringologii.
Kiev, Zdorov'ia, 1964. 350 p. (MIRA 18:2)

1. Nauchno-issledovatel'skiy institut otolaringologii. 2. Otdel profpatologii Nauchno-issledovatel'skogo instituta otolaringologii (for Pitenko).

KOLOMIYCHENKO, A.I., prof. zaslushennyi deyatel' nauki; ZARITSKIY, L.A.,
prof. zaslushennyi deyatel' nauki; SEVARTSBERG, Ya.A., prof.
zaslushennyi deyatel' nauki; PITENKO, N.F., prof.; MOSTOVOY, S.I.,
doktor med. nauk; TYTAR', G.M., otolaringolog.

Professor Leon Antonovich Lukovskii; 1903 - ; on his 60th birthday.
Zhur. ush., nos. i gor. bol. 24 no.2:92-93 Mr-Ap '64
(MIRA 18:1)

VOZNESENSKIY, A.N., prof.; VOL'FKOVICH, M.I., prof.; GESHELIN, A.I.,
prof.[deceased]; GORDYSHEVSKIY, T.I., prof.; YERMOLAYEV,
V.G., prof.; ZARITSKIY, L.A., prof.; KOTS, L.Ya., prof.;
LIKHACHEV, A.G.; Zasl. deyatel' nauki prof.; PROSKURYAKOV,
SHUL'GA, A.O., prof.; NEYMAN, L.V., prof., red.;
SHCHERBATOV, I.I., prof., red. doma; TIKHOMIROVA, G.I.,
red.; PREOBRAZHENSKIY, Yu.B., red.; CHULKOV, I.F., tekhn.red.

[Multivolume manual on otorhinolaryngology] Mnogotomnoe ruko-
vodstvo po otorinolaringologii. Gtv. red. A.G.Likhachev. Mo-
skva, Medgiz. Vol.4. [Diseases of the upper respiratory
tract] Zabolevaniia verkhnikh dykhatel'nykh putei. Red. toma
L.V.Neiman. i I.I.Shcherbatov. 1963. 518 p. (MIRA 17:3)

1. Chlen-korrespondent AMN SSSR (for Likhachev).

*

ZARITSKIY, L.A., zasluzhennyy deyatel' nauki, prof.; DUBOVOY, Ye.D., prof.

Telegamma therapy in cancer of the larynx. Zhur. ush., nos. 1 qorl.
bol.23.no.3:3-9 My-Je '63. (MIRA 16-7)

1. Iz kafedry otorinolaringologii i kafedry rentgenologii i radio-
logii Odesskogo meditsinskogo instituta imeni N.I.Pirogova.
(GAMMA RAYS--THERAPEUTIC USE)
(LARYNX--CANCER)

ZARITSKIY, L.A., zasluzhennyy deyatel' nauki, prof.

Surgical treatment of traumatic nasal liquorrhea. Zhur.ush.,
nos. i gor. bol. 22, no. 6435-38 N-D'62. (MIRA 1637)

1. Klinika bolezney ukha, gorla i nosa Odesskogo meditsinskogo
instituta imeni N.I. Pirogova.
(NOSE--SURGERY)

22

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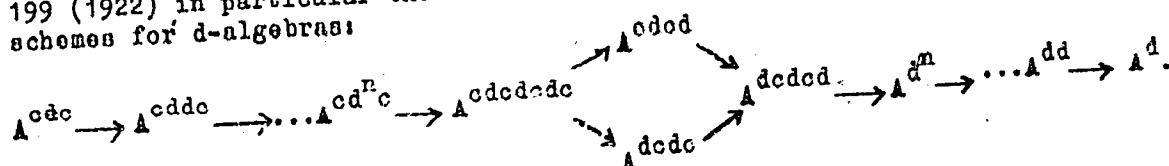
10711* Production of Ceramic Sewer Pipe From Low-Fusion/olint Clays With Non-Lead Glazes. (Russian.) M. I. Zaritsky. *Steklo i Keramika*, v. 9, Feb. 1952, p. 12-13.
Tests were made of the above for regions where there are no high-grade clay deposits. Compositions and properties for various firing temperatures between 900 and 1100°C. are tabulated.

ZARITSKIY, M.A.

CARD 1/2 PG - 134

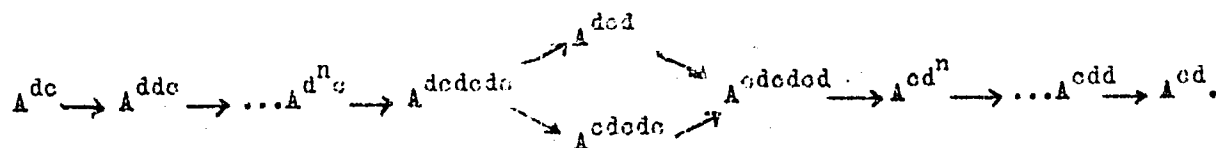
SUBJECT USSR/MATHEMATICS/Topology
 AUTHOR ZARICKI M.A.
 TITLE The Boole algebra with closure and the Boole derivative algebra.
 PERIODICAL Dopovidi Akad. Nauk Ukrain.RSR 1955, 3-6 (1955)
 reviewed 7/1956

A Boole closure algebra [r-algebra] is any Boole algebra satisfying the axioms of Kuratowski: $(A+B)^r = A^r + B^r$, $A \subseteq A^r$, $0^r = 0$, $A^{rr} = A^r$. A Boole derivative algebra [d-algebra] is any Boole algebra such that $A \subseteq B \Rightarrow A^d \subseteq B^d$, $(A+B)^d \subseteq A^d + B^d$, $1^d = 1$, $A^{dd} \subseteq A^d$, $0^d = 0$ (here A^d might be interpreted as A'). In analogy with Kuratowski (Fundamenta math. 3, 182-199 (1922) in particular the schemes p.186) the author proves analogous schemes for d-algebras:



Dopovidi Akad. Nauk ukrain. RSR 1955, 3-6 (1955)

CARD 2/2 PG - 134



Here $\rightarrow$ means $\subseteq$.

Any d-algebra gives rise to a d-algebra definable by means of the d-operation and the operations $+$, $\cdot$ of the Boole algebra. The converse does not hold; e.g. A^d is not definable only by $r, \cdot, +$. The relation $A^{rcr} = A^{dcd}$ is proved and applied (X^c is the complement of X).

ZARITSKIY, M.N., inzh.

Synthesis of the structural diagram of automatic control systems
for the slowing down motion of mine skip hoists with asynchro-
nous drives. Izv.vys.ucheb.zav.; gor.zhur. no.7:109-120 '59.
(MIRA 13:4)

1. Moskovskiy gornyy institut imeni I.V.Stalina. Rekomendovana
kafedroy gornoy elektrotekhniki.
(Mine hoisting--Electric driving)
(Automatic control)

ZARITSKIY, M.N., inzh.

Equating the system of automatic regulation of an asynchronous electric drive with choke control. Nauch.dokl.vys.shkoly; gor. delo. no.4:161-170 '58. (MIRA 12:1)

1. Predstavleno kafedroy gornoy elektrotekhniki Moskovskogo gornogo instituta imeni I.V. Stalina.
(Mine hoisting--Electric drive) (Automatic control)

GINZBURG, V.B.; ZARITSKIY, M.N.

Over-all automation of hydraulic coal mining. Biul.tekh.-ekon.
inform. no.6:2-14 '61. (MIRA 14:6)
(Hydraulic mining)
(Automation)

ZARITS'KIY, M. O.

Algebra, Universal

Certain operation in the theory of sets of points. Nauk, zap. l'viv. 12 No. 3, 1949

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

"APPROVED FOR RELEASE: 09/19/2001

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APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820019-2"

ZARITSKIY, M.O. [Zaryts'kyl, M.O.]

Certain number sequences. Nauk zap. L'viv. un. 44 no.8:115-122
'57. (MIRA 11:6)

(Numbers, Theory of)

GOGOL', L.P. [Hohol', L.P.]; ZARITSKIY, O.I. [Zaryts'kyi, O.I.]; MOKRENKO, A.Yu.

New data on the vermiculite potential of the Azov Sea region. Geol.zhur.
23 no.1:80-84 '63. (MIRA 16:4)

1. Priazovskaya geologicheskaya ekspeditsiya i Nauchno-issledovatel'skiy
institut stroitel'nykh materialov i sooruzheniy Akademii stroitel'stva
i arkhitektury UkrSSR.

(Azov Sea region--Vermiculite)

MARCHENKO, Ye.Ya. [Marchenko, IE.IA.]; LIKOV, O.I. [Lykov, O.I.];
ZARITSKIY, O.I. [Zaryts'kyl, O.I.]

Vein barite of the convergence zone of the Azov Crystalline
Massif and Donetsk Ridge. Trudy Inst.min.resur. AN URSR no.2:
59-65 '60. (MIRA 15:5)
(Azov Sea region--Barite) (Donetsk Ridge--Barite)

DREVIN, A.Ya.; ZARITSKIY, O.I. [Zaryts'kiy, O.I.]

New region of the hydrothermal activity in the convergence zone
of the Donets Basin and Azov Crystalline Massif. Trudy Inst.-
min.resur. AN URSR no.2:66-69 '60. (MIRA 15:5)
(Donets Basin--Mining geology)
(Azov Sea region--Mining geology)

ZARITSKIY, P.V.

Characteristics of the distribution, morphology, and composition
of a sulfide concretions of the Dnieper brown coal basin. Dokl.
AN SSSR. 144 no.6:1355-1357 Je '62. (MIRA 15:6)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akad. N.M.Strakhovym.
(Dnieper Basin—Sulfides)

ZARITSKIY, P.V.

Mineralogical form of iron bisulfide concretions in the Dnieper
brown-coal basin. Dokl.AN SSSR 145 no.4:899-902 Ag '62.
(MIRA 15:7)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akademikom N.M.Strakhovym.
(Dnieper Basin--Iron sulfides)

ZARITSKIY, F.V.

Proberite from sediments in the Bakhmut trough. Zap. Vses. min.
ob-va 93 no.1:80-83 '64 (MIRA 18:2)

1. Kafedra mineralogii Khar'kovskogo universiteta.

VARITSKIY, P.V.

Characteristics of the concretion structure of iron disulfide
in the Dnieper lignite basin. Zap. Vses. min. ob-va 92 no.6:
727-733 '63. (MIRA 18:3)

1. Kafedra mineralogii Khar'kovskogo universiteta.

ZARITSKIY, P.V.

New mineral formations in concretions-septaria and their genesis.
Min.sbor. 18 no.1:67-75 '64. (MIRA 18:5)

1. Gosudarstvennyy universitet imeni Gor'kogo, Khar'kov.

ZARITSKIY, P.V.

Possibility of the utilization of concretion for the determination
of the reduction of the initial substance of coal. Dokl. AN SSSR
164 no.3:666-669 S '65. (MIRA 18:9)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
Submitted May 26, 1965.

ZARITSKIY, P.V.

Dickite from the eastern Donets Basin. Zap. Vses. min. ob-va 89
no.5:584-588 '60. (MIRA 13:10)

1. Kafedra mineralogii Khar'kovskogo gosudarstvennogo universiteta
imeni A.M. Gor'kogo.
(Donets Basin--Dickite)

ZARITSKIY, P.V.

Isomorphous inclusion of Fe and Mg into the concretionary
calcite of coal-bearing sediments in the Donets Basin.
Dokl. AN SSSR 157 no.5:1139-1142 Ag '64. (MIRA 17:9)

1. Khar'kovskiy gosudarstvennyy universitet im. Gor'kogo.
Predstavleno akademikom N.M. Strakhovym.

ZARITSKAYA, O.V.; ZARITSKIY, P.V.

Hard bitumens in reservoir rocks of the Shebelinka gas--
condensate bed and their nature. Dokl. AN SSSR 143 no.2:402--
404 Mr '62. (MIRA 15:3)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta prirodnogo gaza i Khar'kovskiy gosudarstvennyy
universitet im. A.M.Gor'kogo.
(Shebelinka Region--Bitumen--Geology)

ZARITSKIY, P.V.

Isomorphous presence of CaCO_3 in the siderite and magnesium-siderite
concretions of the Donets Basin. Dokl. AN SSSR 155 no.6:1341-1344
Ap '64. (MIRA 17:4)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akademikom N.M.Strakhovym.

ZARITSKIY, P.V.

Boron mineralization in rocks of the Artemovsk stage in the Bakhmut
trough of the Donetsk Basin. Dokl. AN SSSR 149 no.6:1424-1427
Ap '63. (MIRA 16:7)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akademikom N.M.Strakhovym.
(Donets Basin—Boron)

ZARITSKIY, P.V.

Chemicomineralogical characteristics of carbonate concretion
sediment of various facies in the middle Carboniferous of
the western part of the Donets Basin. Uch.zap.KHGU 73:85-122
'56. (MIRA 12:12)

(Donets Basin--Sediments(Geology))

3(8)

AUTHOR: Zaritskiy, P. V.

SO7/20-123-4-48/53

TITLE: Barite Concretions in the Kiyevkiy Marls of the Donbass Basin
(Baritovyye konkretsii v kiyevskom mergel₂ Donbassa)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 4, pp 744-747
(USSR)

ABSTRACT: As far as the author knows, the concretions named in the title have been neither described nor mentioned. After P. I. Lutskiy and M. Ya. Blank (Trust "Luganskuglōgeologiya") had drawn the author's attention to concretions in the Sukhodol ravine, he collected these concretions there and in other ravines on the steep right bank of the Severnyy (northern) Donets River, not far from the town of Popovka and 40-45 km southeast of the city of Lugansk. They occur within a mass of homogeneous marl with an apparent thickness of 25-27 m, in two horizons: a. A lower horizon, about 2.5-3 m thick. The chief concentration of the concretions is found 20-23 m from the top of the marl bed. b. The second horizon (1.5-2 m) contains fewer concretions; the concretions lie 12-13 m from the top of the marl. They are spherical or ellipsoidal and generally somewhat flattened (Fig 1). Other

Card 1/3

Barite Concretions in the Kiyevkiy Marls of the
Donbass Basin

SOV/20-123-4-48/53

forms rarely occur. The surface of the concretion is even and smooth, and the transition to the host rock is sharp. Their size is 2-3 to 15-20 cm. The longitudinal axes lie horizontal. The concretions are light green to light blue on fractured surfaces and are composed of a chalky substance of high density and hardness. Radial contraction cracks, which frequently wedge out toward the periphery (Fig 3) and whose thin parts are completely filled with colorless, clear barite, occur within the concretions. Wider parts of the cracks, as well as small, central cavities, have a covering of fine barite crystals on the walls. Further details of the structure are described. Table 1 shows the chemical composition. Spectro-analysis of the host marl has shown that the maxima of barium content coincides with the concretion containing horizons. The concretions may be the result of a redistribution of barium. The compressed form indicates a colloidal condition of the initial material. Everything points to a medium rich in water, i.e. to the early diagenetic nature of the concretions. Since barium enters sediments as a practically immovable sulfate, its redistribution could take

Card 2/3

Barite Concretions in the Kiyevkiy Marls of the
Donbass Basin

SCV/20-123-4-48/53

place during diagenesis only as a bicarbonate. This occurred at definite points and formed the concretions. Barite itself formed even later, during late diagenesis or perhaps epigenesis. This is shown by the small crystals in cracks of the concretions. The broad development of concretion formation contradicts the assertion that the Kieyevskiy marl suffered relatively weak diagenesis (Ref 14). There are 3 figures and 17 references, 15 of which are Soviet.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im. A. M. Gor'kogo
(Khar'kov State University imeni A. M. Gor'kiy)

PRESENTED: July 10, 1958, by N. M. Strakhov, Academician

SUBMITTED: July 9, 1958

Card 3/3

ZARITSKIY, P.V.

Sulfide concretions in coal-bearing deposits of the Donets Basin
and mineralogical forms of iron disulfide. Dokl. AN SSSR 139 no.2:
446-449 J1 '61. (MIRA 14:7)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
Predstavleno akademikom N.M. Strakhovym.
(Donets Basin--Iron sulfides) (Concretions)

ZARITSKIY, P.V.

Concerning the so-called "sphaerosiderite." Zap.Vses.min.ob-va
88 no.2:202-204 '59. (MIRA 12:8)

1. Kafedra mineralogii Khar'kovskogo gosudarstvennogo universiteta.
(Sphaerosiderite)

ZARITSKIY, P.V.

Characteristics of the diagenetic redistribution of matter in
the arenaceous rocks of coal-bearing sediments in the Donets Basin.
Lit. 1 pol. iskop. no.2:131-134 Mr-Ap '64. (MIRA 17:6)

1. Khar'kovskiy gosudarstvennyy universitet.

ZARITSKIY, P.V.

Time of the formation of carbonate nodules with a cone-in-cone texture. Dokl. AN SSSR 151 no.1:189-192 J1 '63. (MIRA 16:9)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akademikom N.M.Strakhovym.
(Donets Basin--Concretions)

ZARITSKIY, P.V.

Early diagenetic fissures in Middle Carboniferous coal-
bearing sediments of the Donets Basin. Lit. i pol. iskop.
no.1:139-142 '63. (MIRA 17:3)

1. Khar'kovskiy universitet imeni Gor'kogo.

ZARITSKIY, P.V.

Distribution and genesis of barite in coal deposits of the Donets
Basin. Zap. Vses. min. ob-va 88 no.1:108-109 '59.

(MIRA 12:3)

(Donets Basin--Barite)

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ZARITSKIY, P.V.

20-5-42/54

AUTHOR: Zaritskiy, P.V.

TITLE: On the Microelements in the Carbonate Concretions of the Coal-Bearing Mass of the Donets Basin (O malykh elementakh v karbonatnykh konkretsiyakh ugleosnoy tolshohi Donetskogo bassayna)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 115, Nr 5, pp. 1002-1005 (USSR)

ABSTRACT: The fact of the existence of concretions as such proves the unequal distribution of the substance in sedimentary rocks. The comparative investigation carried out by the author of the chemical composition of the concretions and the rocks contained therein in the productive sediments in the Donets basin shows that all elements forming part of the concretion-forming minerals, occur in increased concentrations in the concretions and thus take part in the diagenetic flows of material. In this connection it would be of interest to explain the degree of participation of microelements in concretion-forming processes and in the diagenetic redistribution of the substance in the sediment. The part played by the microelements in the construction of concretions has up

Card 1/3

20-5-42/54

On the Microelements in the Carbonate Concretions of the Coal-Bearing Mass of
the Donets Basin

ASSOCIATION: Khar'kov State University imeni A.M. Gor'kiy
(Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo)

PRESENTED BY: N.M. Strakhov, Academician, March 12, 1957

SUBMITTED: March 11, 1957

AVAILABLE: Library of Congress

Card 3/3

ZARITSKIY, P.V.

On trace elements in the carbonate concretions of Dons Basin
coal measures. Dokl. AN SSSR 115 no.5:1002-1005 Ag '57. (MIRA 11:3)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
Predstavleno akademikom N.M. Strakhovym.
(Donets Basin--Carbonates (Mineralogy))

15-57-5-6243

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 78 (USSR)

AUTHOR: Zaritskiy, P. V.

TITLE: The Chemico-Mineralogical Nature of the Carbonate
Concretions in Rocks of Different Middle Carboniferous
Facies in the Western Part of the Donets Basin (Khimiko-
mineralogicheskaya kharakteristika karbonatnykh kon-
kretsiy otlozheniy razlichnykh fatsiy srednego karbona
zapadnoy chasti Donetskogo basseyna)

PERIODICAL: Uch. zap. Khar'kovsk. un-ta, 1956, Vol 73, pp 85-122.

ABSTRACT: The author has studied concretions from different facies
in the series C_2^3 , C_2^5 , and C_2^6 in the western region of
the Donets Basin. Most of the concretions occur in
clays and silty clays. The concretions are separated
into three groups on the basis of form, conditions of
formation, and position in the section of the cycle of
sediment accumulation. Concretions developing in the
roof rocks of coal beds are placed in group I. Con-

Card 1/3

The Chemico-Mineralogical Nature of the Carbonate (Cont.) 15-57-5-6243

group II. The fifth type is calcitic, the sixth ankeritic, and the seventh contains drusy siderite. The eighth type provisionally includes segregated carbonate-sulfide concretions, with the FeS_2 content ranging from 30 to 70 percent. The remaining three types form group III. The nodules in the floor rocks of the coal beds, consisting chiefly of ferruginous carbonate, make up the ninth type. The tenth and eleventh types characterize the concretions in the sub-floor rocks of the coal beds. The septarian development in fractures and cavities of the concretions is of later, diagenetic, mineral development, and represented by calcite, ankerite, barite, quartz, chalcedony, caolinite, pyrite, galena, sphalerite, and the formation of different combinations of these.

Card 3/3

K. N. R.

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CIA-RDP86-00513R001963820019-2

IZARITSKIY, P.Y.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820019-2"

ZARITSKIY, P. V.

AUTHOR: Zaritskiy, P. V.

20-1-36/44

TITLE: Mineral New Formations in the Concretions of Coal Deposits in the Western Part of the Donets Basin (Mineral'nyye novoobrazovaniya v konkretnykh uglestnykh otlozheniy zapadnoy chasti Donetskogo basseyna).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 1, pp. 131-134 (USSR).

ABSTRACT: Septarian concretions are widely spread among the concretionary formations of the Donets Carboniferous. Morphologically they are hard to distinguish from fissure-less concretions and from secondary minerals. It is only sometimes that they may be externally recognized. This concerns those septaria whose fissures do not thin out, but advance to the periphery and form a surface drawing similar to that of the turtle shell. The expansion and the thickness of the contraction fissures in general depends on the size of the concretions. The mineral new formations in the septaria mostly completely fill these fissures. Yawing fissures occur seldom more. In this case their walls are filled by crystals with well-formed facets. The morphology of the secondary minerals in its totality dependent on their order of formation and on the shape of the space in which they grow. The fissures of the septaria form on compression and bursting of the colloidal substance of the concretions due to dehydration. The colloidal state

Card 1/4

Mineral New Formations in the Concretions of Coal Deposits 20-1-36/44
in the Western Part of the Donets Basin.

before the carbonates and before barite. Calcite (or ankerite) were deposited simultaneously with barite. Only in the case of monophase liquid inclusions in barite and sphalerite an origin from cold water may be assumed for them and for the minerals in paragenesis with them. In this respect the author agrees with Lazarenko and Furman which proved such an origin of the sulfide, carbonate and other secondary minerals of the concretions in podolic phosphorites. Many finds of undoubtedly exogenic sulfides of Pb, Zn; of barite and others (concretions of the Vorkuta suite) are considered as late-diagenetic formations by Makodonov. In the course of the diagenesis a regrouping of the substances (Cu, Pb, Zn) and a transition from a uniform dispersion to a concentration to individual points takes place. Siderite and the minerals of the isomorphous series siderite-magnesite are completely absent among the secondary carbonates. The absence of iron carbonates, as secondary minerals, beside or instead of calcite indicates a later formation of the latter. An energetic iron-carbonate migration only takes place in an earlier period of the diagenesis. The late-diagenetic minerals form after the intensive decomposition of the organic substance in the deposit. But the migration of substances does not cease in the stage of the "being" of

Card 3/4

Mineral New Formations in the Concretions of Coal Deposits
in the Western Part of the Donets Basin.

20-1-36/44

the rock either. As samples may be taken pyrite and calcite, which are developed in the fissures, which intersect as well the bodies of the concretions as their late-diagenetic veins. Iron hydroxides, malantherite, gypsum on the surface and on the fissures of iron-carbonate and sulfidic concretions may be mentioned as authigenic minerals whose formation is connected with weathering processes. There are 20 references, all of which are Slavic.

ASSOCIATION: Khar'kov State University imeni A. M. Gor'kiy (Khar'kovskiy gosudarstvennyy universitet imeni A. M. Gor'kogo).

PRESENTED: By N. M. Strakhov, March 12, 1957.

SUBMITTED: March 11, 1957.

AVAILABLE: Library of Congress.

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ZARITSKIY, P.V.

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(Czechoslovakia). Min. sbor. 18 no.4:475-479 '64. (MIRA 18:7)

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Dokl. AN SSSR 163 no.3:724-727 J1 '65. (MIRA 18:7)

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(Dronovka region (Voroshilovgrad Province)— Celestine)

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ZARYCKIN PV

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CIA-RDP86-00513R001963820019-2"

ZARICKIJ, Petr Vasil'jevic [Zaritskiy, Petr Vasil'yevich]; BOUSKA, Vladimir
[translator]; MAIA, Ludmila [translator]

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(Donets Basin--Coal--Geology)

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Concretionary formations in the productive deposits in the western part of the Donets Basin. Dokl.AN SSSR 108 no.2:329-332 My '56. (MLRA 9:9)

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no akademikem N.M.Strakhovym.
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ZARITSKIY, P.V.

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Lit. 1 pol. iskop. no.3:45-60 My-Je '65.

(MIRA 18:10)

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L 08344-67 EWT(m) JR

ACC NR: AR6031859

SOURCE CODE: UR/0058/66/000/006/V053/V053

9

AUTHOR: Bazazyants, N. O.; Zaritskiy, S. M.; Troyanov, M. F.

TITLE: Reading of critical experiments on ZPR-III assemblies by means of the FEI constants system

SOURCE: Ref. zh. Fizika, Abs. 6V435

REF SOURCE: Byul. Inform. tsentra po yadern. dannym, vyp. 2, 1965, 247-280

TOPIC TAGS: experiment reading, fast neutron assembly, multiplication factor, indicator fission cross section, fast neutron life, fast neutrons/ZPR III assembly

ABSTRACT: The effective multiplication factor, indicator fission cross-section ratio, reactivity caused by various materials when they are placed in the center of the system and the life of fast neutrons were calculated by means a system of multigroup constants developed at FEI (Obninsk, USSR) for 11 critical assemblies using ZPR-III fast neutrons. Metal, oxide, carbide and cermet uranium fuels were simulated in the assemblies. [Translation of abstract]

SUB CODE: 20, 09/

Card 1/1 nst

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Yu.I., inzh.; SHIFRIN, L.M., inzh.

Calculation of efficient parameters of the sizing instrument on
expansion presses. Proizv. truh no.12:57-63 '64. (MIRA 17:11)

L 35984-66 EWT(d)/EWT(1)/T IJP(o) TG

ACC NR: AP6008519

SOURCE CODE: UR/0280/66/000/001/0051/0055

AUTHOR: Zaritskiy, V. S. (Leningrad)

ORG: none

TITLE: Determination of the probability of system reliability during a specified period of time

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 1, 1966, 51-55

TOPIC TAGS: system reliability, reliability theory, random function, Markov process, probability

ABSTRACT: In the solution of many applied problems, there is a need to determine the probability $P(T)$ that the normal stationary random function $u(t)$, which has a correlation function

$$K_u(\tau) = \sigma^2 e^{-a|\tau|}, \quad M[u] = 0, \quad (1)$$

in the time interval $(t, t+T)$ will be found in a certain zone, the boundary of which is $\pm u_1$. Such problems are encountered during investigations of random processes in nonlinear control systems, as well as during an analysis of the accuracy and reliability of various devices. The theory of Markovian processes has provided extremely satisfactory results in the solution of such problems. The present author

Card 1/2

L 35984-66

ACC NR: AP6008519

investigates the problem of the determination of the probability that the random function $u(t)$, the correlation function of which $K_u(\tau) = \sigma^2 \exp \{-\alpha|\tau|\}$ during the time T will not be found outside the limits which secure the normal operations of a system. The author provides formulas, graphs, and tables, the use of which will make it possible to obtain an approximate solution to the problem without the need of cumbersome calculations. Orig. art. has: 4 figures, 2 tables, and 13 formulas.

SUB CODE: 12,14 / SUBM DATE: 12Oct64 / ORIG REF: 006

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A.S., kand. tekhn. nauk, red.; INERVA, G.K., kand. tekhn.
nauk, red.; ZARITSKIY, Ya.V., red.

[Problems of the cooling of electrical machines] Voprosy
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(HOUSING,
hyg. of camp type residential dwellings (Rus))
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months with mothers while the other cattle were kept in-
doors and well fed with various concentrates. As a rule,
the latter were considerably fatter. In all cases the eryth-
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akademik, red. (Kiyev); KAVETSKIY, R.Ye., akademik, red. (Kiyev);
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