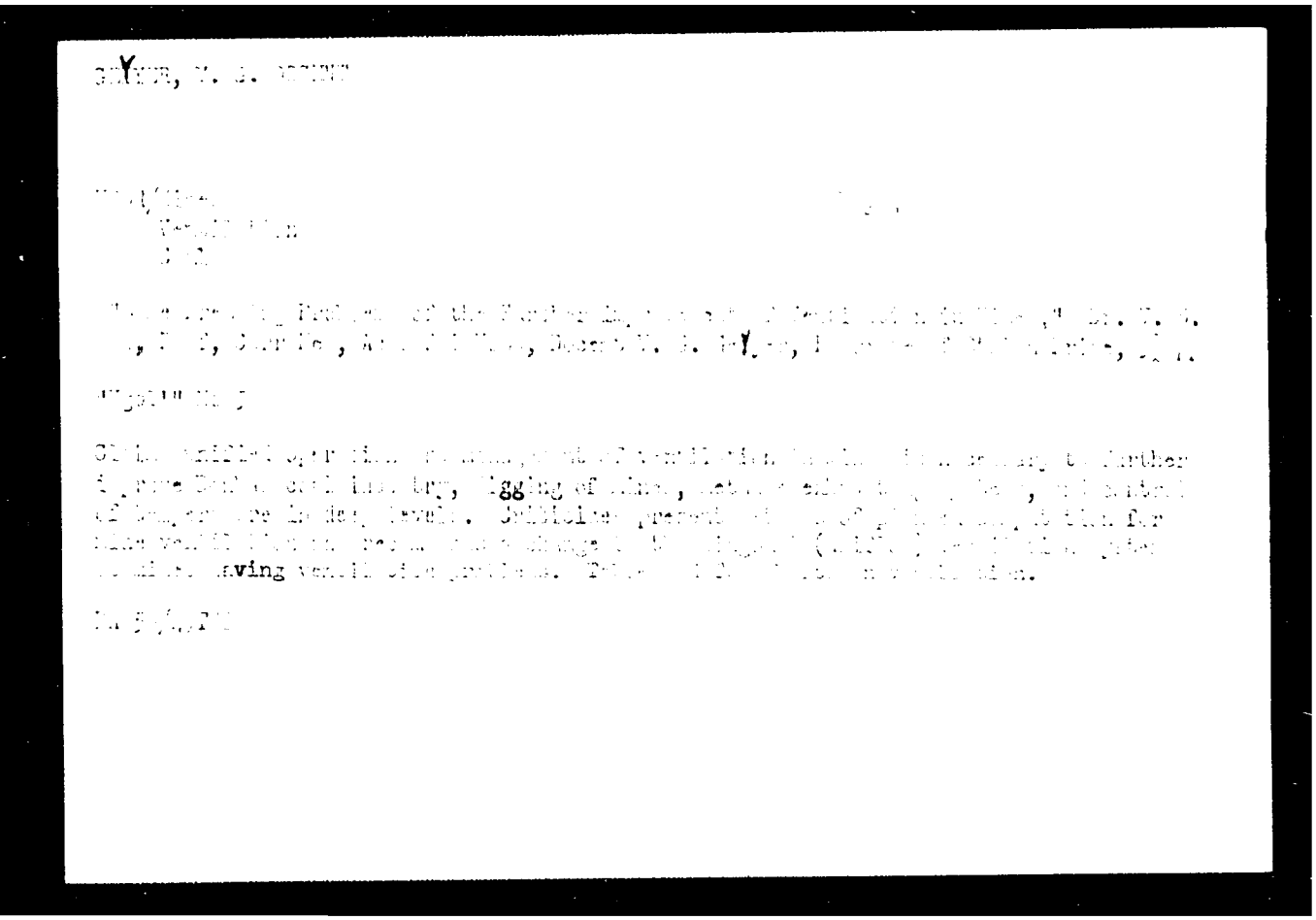
GEYYER, V. [Heiier, V.] doktor tekhn.nauk, prof.

Mine without people. Nauka i zhyttia 11 no.1:19-20 Ja '62. (MIRA 15:2)

1. Proroktor Donetskogo politekhnicheskogo instituta.
(Mining engineering)
(Automation)



GEYER, V. G.

GEYER, V. G. -- "Theory of Hydrocompressors and Prospects for Their Use in the Mining Industry of the USSR." Sub 3 Apr 52, Moscow Mining Inst imeni I. V. Stalin (Dissertation for the Degree of Doctor in Technical Sciences)

SO: Vechernaya Moskva January-December 1952

GEYER, V. G.

(U)

Fuel Abstracts
May 1954
Natural Solid
Fuels: Winning

3363. AIR LIFTS AS MEANS OF PUMPING DURING SINKING OF VERTICAL SHAFTS. Geier, V.G. (Ugol (Coal), Nov. 1953, 23-26). The simplicity and [Vol. 28, No. 11] underground space-saving properties of air lifts are explained and the following arrangement is advocated. An annular trough round the inside of the shaft collects water some distance above the working face. A pipe leads water down from the trough, forms a U and rises to [illegible] on the surface. Compressed air is fed into a mixer on the rising leg of the U, [illegible] its lower point. Performance figures are given. (L).

Donetskiy industrial'nyy institut/

GEYER, V.G., inzhener; BELIKOV, P.F., inzhener; REZNIKOV, A.L., inzhener.

Automatization of water drainage in mines. Mekh.trud.rab. no.5:16-18 My '53. (MLRA 6:5)
(Mine drainage)

PAK, Vitol'd Stepanovich, professor; GEYER, Viktor Georgievich; professor doktor tekhnicheskikh nauk; KISELEV, V.I., redaktor; ZEMSKOV, P.F., redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor.

[Mine ventilating and draining systems] Rudnichnye ventiliatornye i vodootlivnye ustanovki. Moskva, Ugletekhizdat, 1955. 352 p. (MLRA 8:12)

1. Deystvitel'nyy chlen AN USSR.
(Mine ventilation) (Mine pumps)

SHEVYAKOV, L.D., akademik, redaktor; ABAKUMOV, Ye.T., kandidat tekhnicheskikh nauk, redaktpr; GEYER, V.G., doktor tekhnicheskikh nauk, redaktpr; LIDIN, G.D., doktor tekhnicheskikh nauk, redaktor OGLOBLIN, D.N., doktor tekhnicheskikh nauk, redaktor; OSTROVSKIY, S.B., redaktor; PAK, V.S., redaktpr; SAVIN, G.N. redaktor; SKOCHINSKIY, A.A., akademik redaktor; SUDOPLATOV, A.P., doktor tekhnicheskikh nauk, redaktor; TERPIGOREV, A.M., akademik redaktor; SHCHERBAN', A.N., doktor tekhnicheskikh nauk, redaktor; TEPLITSKIY, G.A., redaktor; KOROVENKOVA, Z.A., tekhnicheskiy redaktor; ANDREYEV, O.G., tekhnicheskiy redaktor

[Mining coal at great depths; proceedings of a conference held in Stalino, October 1953] Razrabotka ugol'nykh mestorozhdenii na bol' shikh glubinakh; trudy soveshchaniia v g.Stalino, oktabr' 1953 g. Moskva, Ugletekhizdat, 1955. 475 p. (MLRA 8:8)

1. Deystvitel'nyy chlen AN USSR (for Pak and Savin) 2. Akademiya nauk SSSR, Institut gornogo dela.
(Coal mines and mining)

PROGNIMAK, D.Ya., gornyy inzhener; TARANOV, P.Ya., dotsent, kandidat tekhnicheskikh nauk; LIFSHITS, I.B.; GEYYER, V.G., professor

Remarks on IU.I. Levitskii's article: "Pressing problems of the coal industry". Ugol' 30 no.4:40-42 ap '55. (MLRA 8:6)

1. DonUGI (for Prognimak) 2. Donetskiy industrial'nyy institut (for Taranov) 3. Nachal'nik planovogo otdela shakhty No.42 "Kapital'naya" tresta Kopeyskugol' (for Lifshits).

GEYYER, V.G., professor

Remarks on N.E.Ofengenden's article "Operation of large capacity automatic drainage installation without control valves." Ugol' 30 no.4:43 Ap '55. (MIRA 8:6)

1. Donetskiy industrial'nyy institut.
(Ofengenden, N.E.) (Mine drainage)

GEYER, V.G., professor, doktor tekhnicheskikh nauk, redaktor; FAYBISOVICH, I.L., otvetstvennyy redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor

[Automatization in the coal industry] Avtomatizatsiia v ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1956. 579 p. (MIRA 10:1)
(Automatic control) (Coal mining machinery)

15-57-10-14965

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p 274 (USSR)

AUTHOR: Geyyer, V. G.

TITLE: Automation of Heavy-Duty Mine-Draining Equipment (Avtomatizatsiya moshchnykh shakhtnykh vodootlivnykh ustanovok)

PERIODICAL: V sb.: Avtomatizatsiya v ugol'noy promyshlennosti. Moscow, Ugletekhizdat, 1956, pp 193-207

ABSTRACT: In order to convert water-draining equipment with high-voltage motors into an automatic system, the Donets Industrial Institute in cooperation with the "Krasnyy Metallist" (Red Metal Worker) Factory (at Konotop) manufactured the apparatus AVV-1 and the improved form AVV-3; the apparatus AVD-3 (intended for low-voltage installations) was adapted for this purpose. The author points out that because of the complexity of the automation system and because of the low expense for nonautomatic high-voltage water-drainage

Card 1/3

Automation of Heavy-Duty Mine-Draining Equipment (Cont.)

operations, this automation is expedient only when the pumping can be done under optimum conditions. Calculations prove that, of the methods of controlling the pumping operation--by using a pressure relay and by water discharge from the pipe--the second is better. The Donets Industrial Institute and the "Krasnyy Metallist" Factory developed a special relay which allows an accuracy in operation of ±5 percent. The author reports on the investigation of processes of starting and stopping the pumps. He indicates the necessity of automatic opening of the valve before starting the pump (to avoid air pockets) and the slow automatic closing of the valve before the pump stops (to avoid water hammer effect) and for safety during any rare stoppages of the mine pumps with the valve open (stoppages due, perhaps, to cut-off of the electrical power source). For prevention of water hammer counteracting devices are recommended: a spring-loaded safety valve, made by the Donets Coal Mining Institute, and contrclled damper for the water hammer, acting at the instant the pressure decreases. The problems of selecting methods of submerging the pumps are examined. It is contended that the use of booster

Automation of Heavy-Duty Mine-Draining Equipment (Cont.)

pumps and the location of pumps below water level in water-collecting headers considerably simplify the system of automation. The author proposes a variant system, AVV-3 (b) for automation of the principal water-draining apparatus with booster pumps and placing of a vertical pump in the principal intake. The system provides for the use of a consumption relay, a pneumatic-electrical level relay, a pressure relay for controlling the pump valve, a thermo-relay of type TR-200 for controlling the temperature of the safety valves, and an emergency-level relay for switching on the emergency pumps. The system may be used with apparatus employing control valves and without them. The author discusses the problem of mass introduction of automation for water-draining apparatus.

Card 3/3

V. K. Yasnyy

GHYYER, V.G., professor, doktor tekhnicheskikh nauk.

Trends in the improvement of pumps for fixed mine drainage installations. Gor.zhur.no.8:48-53 Ag '56. (MLRA 9:10)

1.Donetskiy indistrial'nyy institut.
(Mine pumps)

GEYYER, V.G., prof.; BORUMENSKIY, A.G., dotsent; HELIKOV, P.F., inzh.; TIPOSHENKO, G.I., inzh.

Automatizing pumping stations for hydraulic mining. Nauch. dokl. vys. shkoly; gor. delo no.1:139-145 '58. (MIRA 11:6)

1.Predstavlena kafedroy gornoy mekhaniki Donetskogo industrial'nogo instituta.

(Excavating machinery--Electric driving)

GEYYER, V.G., prof.; TIMOSHENKO, G.M., inzh.; FADIN, V.A., inzh.

Automatic control of coal-suction equipment in hydraulic mining.
Ugol' Ukr. 3 no.8:28-30 Ag '59. (MIRA 12:12)

1.Donetskiy industrial'nyy institut.
(Hydraulic mining) (Automatic control)

GEYYER, V.G., prof., doktor tekhn.nauk

Theoretical bases for estimating the water jet needed for the breaking-off of coal. Ugol' Ukr. 3 no.12:1-5 D '59.
(MIRA 13:4)

1. Donetskiy industrial'nyy institut.
(Hydraulic mining)

GEYYER, V.G., prof., doktor tekhn.nauk; SIDOROVICH, V.G.

Basic technical objectives for an efficient utilization of electric power in mines. Ugol' Ukr. 4 no.4:5-7 Ap '60. (MIRA 13:8)

1. Donetskiy industrial'nyy institut (for Geyyer). 2. Nachal'nik elektromekhanicheskogo upravleniya Stalinskogo sovnarkhoza (for Sidorovich).
(Electricity in mining)

GEYYER, V.G., prof., doktor tekhn. nauk

Vertical reservoirs for mine drainage. Gor. zhur. no.2:55-58 '62. (MIRA 17:2)

1. Donetskiy politekhnicheskiy institut.

GEYYER, V.G. [Heller, V.H.], doktor tekhn. nauk, prof.

Air sends it to the surface. Nauka i zhyttia 12 no.12:54 D '62. (MIRA 16:8)

GEYYER, V.G., doktor tekhn.nauk; TIMOSHENKO, G.M., kand.tekhn.nauk;
FADIN, V.A., assistent

Automation of pumping stations in hydraulic mines. Mekh. i avtom. proizv. 16 no.1:31-34 Ja '62. (MIRA 15:1)
(Electronic control)
(Hydraulic mining--Equipment and supplies)

GEYYER, V.G.; GALUSHKO, M.K.; MULIN, N.V.

Air life hoisting and hoisting with chamber feeders. Ugol' 39 no. 9:49-53 S '64. (MIRA 17:10)

1. Donetskiy politekhnicheskiy institut (for Geyyer). 2. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Galushko). 3. Ukrainskiy nauchno-issledovatel'skiy institut gidrodobychi uglya (for Mulin).

CA

Laboratory water baths for evaporation. N. O. Zeidin and I. A. Gutsol. *Zavodskaya Lab.* 9, 1340(1940); *Chem. Zentr.* 1942, II, 2346.—In order to be able to heat the baths both electrically and with a gas or alc. flame, 3 elec. heating units consisting of Ni-Cu wire wound on porcelain within Cu casings were placed in each bath in such a manner that an open end of the Cu casing extended outside the bath. The baths were painted with asphalt varnish every 10-15 days as a protection against attack by acid. M. G. Moore

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GEYZENBERG, V.

Filosofskie problemy atomnoi fiziki
(Philosophical problems in atomic physics). Per.
[illegible]. Vstup. stat'ia I.V. Kuznetsova.
Moskva, Inst. inostr. lit., 1953. 135 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. [illegible], August 1954

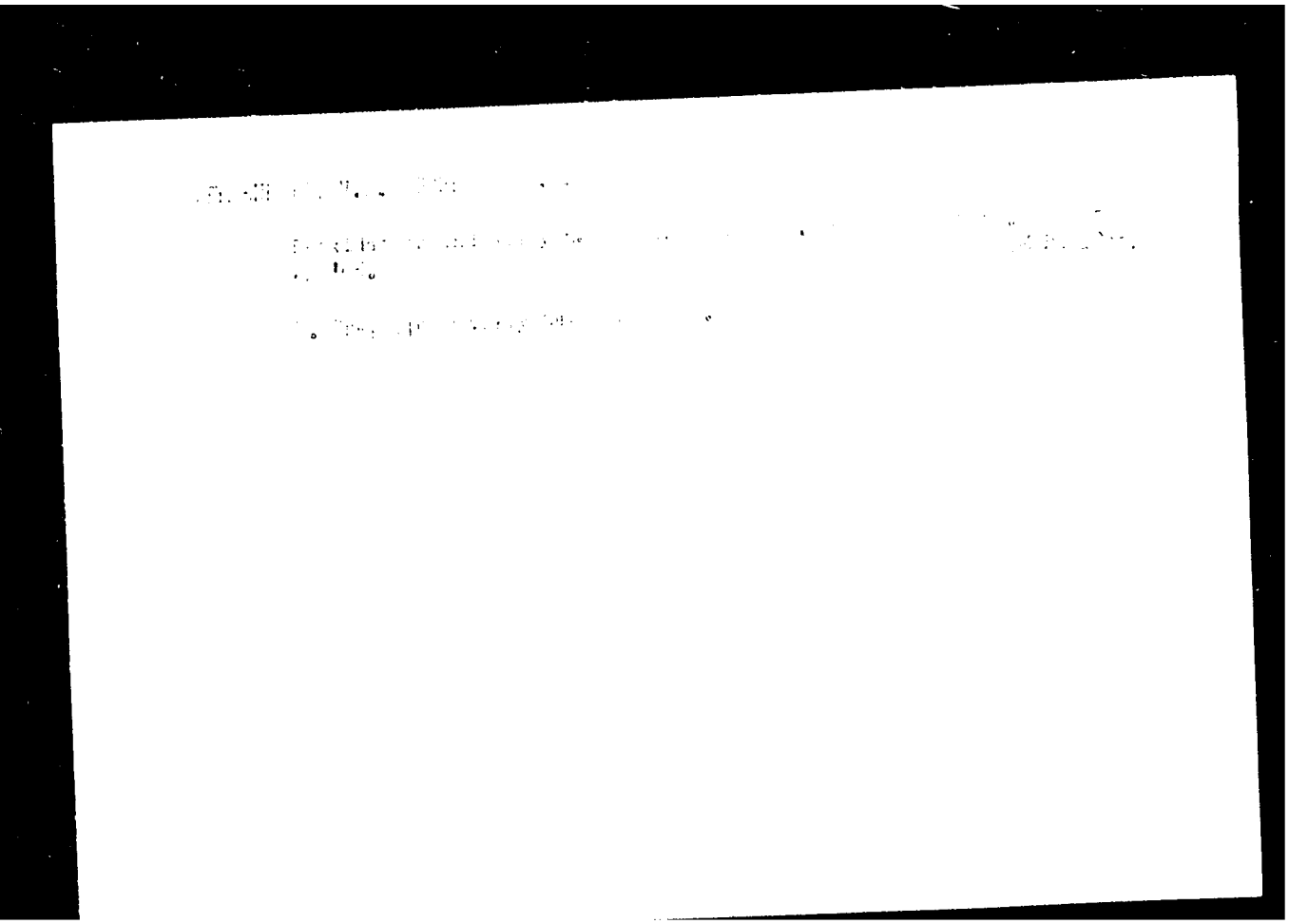
GEYZENBERG, V. [Heisenberg, W.]

Planck's discoveries and the basic philosophical problems of atomic theory. Usp.fiz.nauk. 66 no.2:163-175 O '58. (MIRA 12:1)
(Atomic theory) (Quantum theory)

BOGATIKOV, N.K.; GEYZENBLAZ, V.

Device for determining the level of [illegible] in the ladle. Lit. proizv. no.3:37 Mr '64. (MIRA [illegible])

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515010014-4"



GEYZENBLAZEN, B.Ye., inzh., GONCHAROV, Yu.G., inzh.; KOLESNIK, A.S.; LAZARENKO, N.A.; DAVIDKOVICH, A.S., inzh.

Automation of a two-stage crushing cycle. Gor. zhur. no.2:54-57 F '65. (MIRA 13:4)

1. Tsentrgiravtomatika (for Geyzenblazen, Goncharov, Davidkovich). 2. Tsentral'nyy gorno-obogatitel'nyy kombinat, Krivoy Rog (for Kolesnik, Lazarenko).

DAVIDKOVICH, A.S., inzh.; TKACHENKO, N.A., inzh.; GEYZENBLAZEN, B.Ye., inzh.; GONCHAROV, Ye.G., AFANAS'YEV, V.P., inzh., RUDOY, V.S., inzh., KONOGRAT, P.Ya., inzh.

Investigating the electromagnetic method of controlling the loading of ball mills. Gor. zhur. no.5, 65-68. My '66. (MIRA 18:5)

1. Trest po avtomatizatsii metallurgicheskikh predpriyatiy "Metallurgavtomatika", Dnepropetrovsk (for Davidkovich, Tkachenko, Geyzenblazen, Goncharov). 2. Nauchno-issledovatel'skiy gornorudnyy institut (for Afanas'yev, Rudoy, Konograt).

DAVIDKOVICH, A.S.; GONCHAROV, Yu.G.; GEYZENBLAZEN, B.Ye.; BABKOVA, T.B.; FRYADKO, V.D.; BELETSKIY, Ye.P.; KOLESNIK, A.S.; LAZARENKO, N.A.

Analysis of the efficiency of work output of the automated ore dressing section in the Krivoy Rog Central Mining and Ore Dressing Combine. Met. i gornorud. prom. no.4:64 Jl-Ag '65. (MIRA 18:10)

1. GEYZER, I.; MALISHKEVICH, M.; MOSHCHENNIKOV, N. ; SHPILEVOY, V.; AKHEND. A.; COLOVANENKO, V. V.

2. USSR (600)

4. Radio - Exhibitions

7. Radio amateurs are getting ready for the Eleventh All-Union Radio Exhibition. Radio. No. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, _____1953. Unclassified.

GEYZER, I. M.

Nikolai Aleksandrovich Semashko, 1874-1949; a bibliography. Moskva, Izd-vo Akademii med. nauk SSSR, 1950.

GEYZER, I.M.

[Chekhov and medicine] Chekhov i meditsina. Moskva, Medgiz, 1954. 138 p. (MLRA 7:8)
(Chekhov, Anton Pavlovich, 1860-1904)

GEYZER, I.M.

Medicine in life and works of A.P.Chekhov. Med. sestra no.8: 8-11 Ag '54. (MLRA 7:8)
(CHEKHOV, ANTON PAVLOVICH, 1860-1904)

GEYZER, I.M. (Moscow)

Chekhov and medical science. Sov. med. 18 no.7:3-6 Jl '54. (MLRA 7:8)

(CHEKHOV, ANTON PAVLOVICH, 1860-1904)
(PHYSICIANS IN LITERATURE)

GEYZER, I.M.(Moskva)

Outstanding writer and physician. Med. sestra no.8:24-29 Ag '55. (MLRA 8:11)
(BIOGRAPHIES,
Veresaev, Vikentii, V.)

GEYZER, I.M.

Medicated honey. Zdorov'e 2 no.11:32 N '56. (MIRA 10:1)
(HONEY)

GEYZER, Isay Moiseyevich; PORTNOV, A.A., red.; ZAKHAROVA, A.I., tekhn.red.

[V.V.Veresaev, writer and physician] V.V.Veresaev pisatel'-vrach. Moskva, Gos.izd-vo med.lit-ry, 1957. 145 p. (MIRA 12:2)
(SMIDOVICH, VIKENTII VIKENT'EVICH, 1867-1945)

ZAGNOVA, M.D., nauchnyy sotr.; VASIL'YEV, A.S., nauchnyy sotr.; GEYZER, I.M., nauchnyy sotr.; YEFIMOV, N.A., nauchnyy sotr.; LUK'YANOV, V.S., nauchnyy sotr.; PANKOVA, V.M., red.; KOROBOVA, N.D., tekhn. red.

[Living and health]Byt i zdorov'e. Moskva, Profizdat, 1962. 149 p. (MIRA 15:9)

1. Moskovskiy nauchno-issledovatel'skiy institut gigiyeny im. F.F.Erismana (for all except Pankova, Korobova).
(HYGIENE)

GEYZER, I.M. (Moskva)

Medical faculty of Moscow University during the War of 1812.
Zdrav.Ros.Feder. 6 no.9:31-33 S '62. (MIRA 15:10)
(MOSCOW UNIVERSITY)
(RUSSIA--INVASION OF 1812--MIDICAL AND SANITARY AFFAIRS)

GEYZER, I.M. (Moskva)

"Medical problems in the works of M.V.Lomonosov" by S.M.Grombakh. Reviewed by I.M.Geizer. Med.sestra 21 no.9:56-57 S '62. (MIRA 15:9)

(MEDICINE) (LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765)

GEYZER, I.Ya. (Moskva)

Matvei IAkovlevich Mudrov; on the 180th anniversary of his birth and 125th anniversary of his death. Med.sestra 15 no.9:26-29 S '56. (MIRA 9:11)

(MUDROV, MATVEI IAKOVLEVICH, 1776-1831)

FEDOTOV, N.I.; GEYZER, R.A.; GERASIMENKO, L.N.; [illegible]EVA, V.Ya.; PERSIANOVA, I.P.

Relation between the degree of microflora permeation of canned food before sterilization and the results of the bacteriological analysis of the finished product. Konserv.i ov.prom. 17 no.[illegible]37-39 '62. (MIRA 15:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlennosti.
(Food, Canned--Sterilization)
(Food--Bacteriology)

LUKASH, B.; GEYZLAR, M.; LIBIKH, Ya.; GEROL'D, M.; GOFFMAN, Ya.; MAIEK, Ya.

Comparative study of the distribution of combined "antibiolymphin" (streptomycin, neomycin) preparations and tetracycline in the bodies of experimental animals after their parenteral administration. Antibiotiki 7 no.3:75-79 Mr '62. (MIRA 15:3)

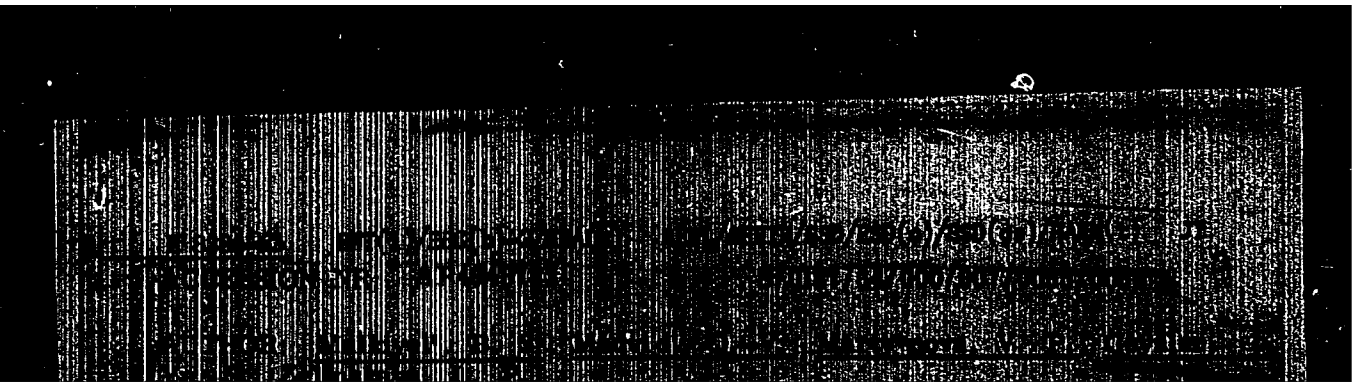
1. Kafedra epidemiologii Voyennogo meditsinskogo issledovatel'skogo instituta i Instituta usovershenstvovaniya vrachey imeni I.Ye. Purkine, Gradets Kralove i Issledovatel'skiy institut antibiotikov, Roztoki u Pragi.

(ANTIBIOTICS) (TETRACYCLINE)

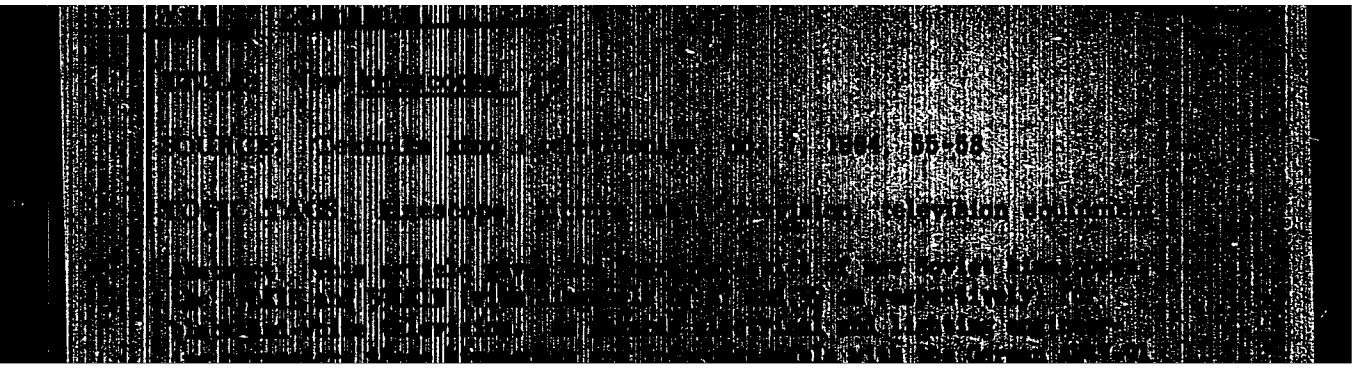
GEYZLAR, M. [Hejzlar, M.] (Praga)

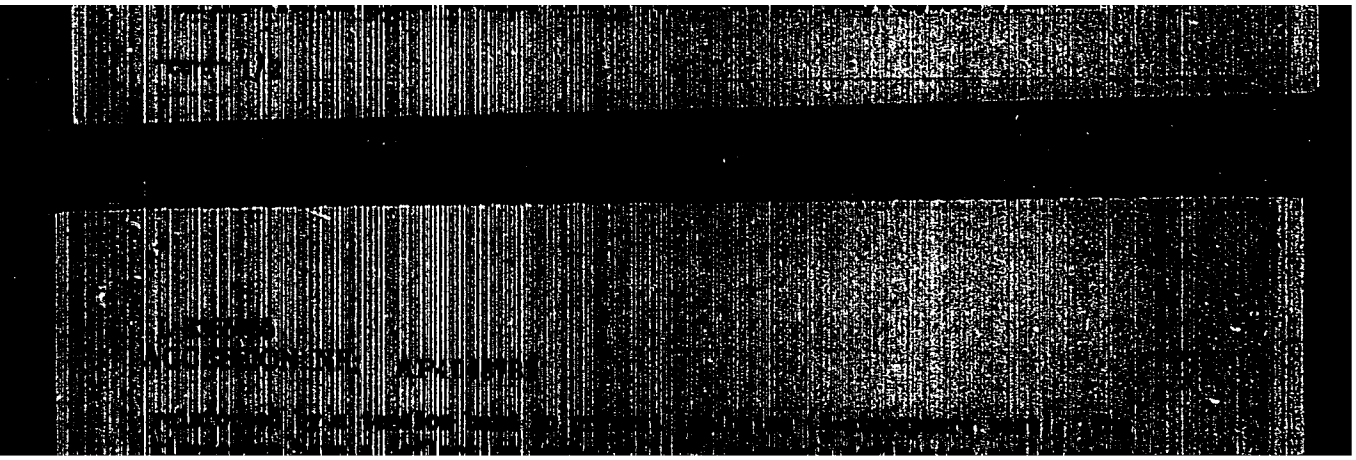
"IAva" motorcycle is known all over the world. Za rul. 21 no.4: 30 Ap '63. (MIRA 16:5)

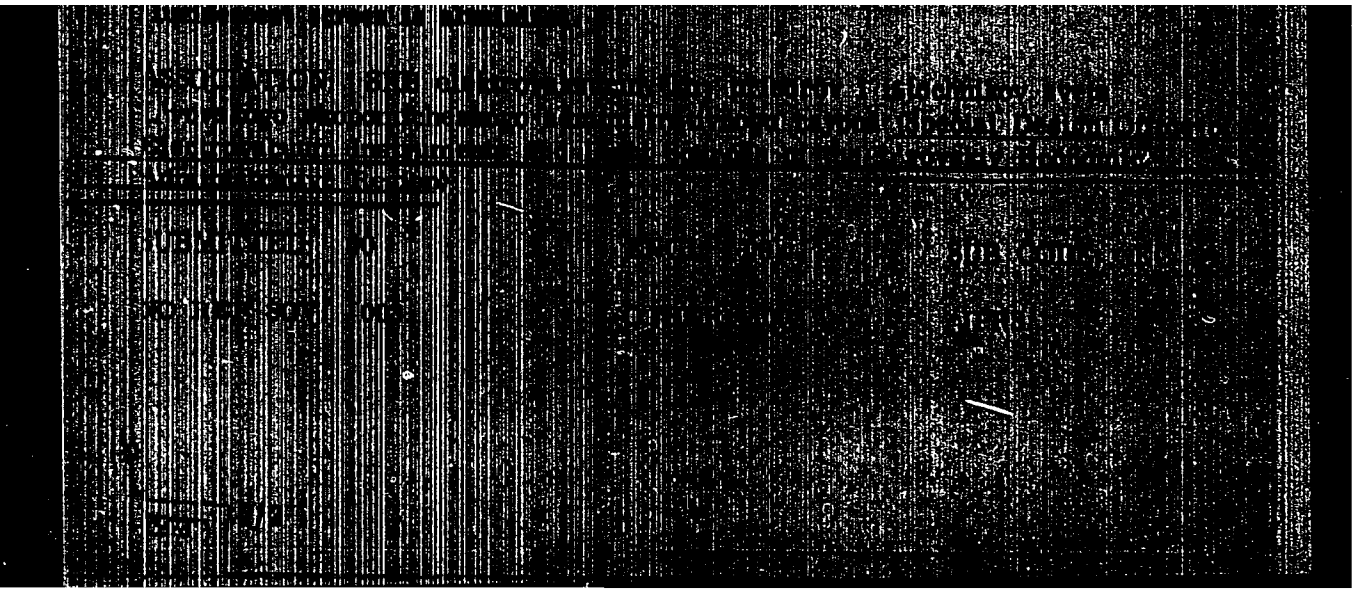
(Czechoslovakia—Motorcycles)



APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515010014-4"







VASILENKO, A.A. [Vasylenko, A.O.]; GEZ, Yu.I. [Hez, IU.I.]

Effect of phosphorus content on the properties of cast iron with nodular graphite. Nauk. pratsi Inst. lyv. vyrob. AN URSR 8:28-41 '59. (MIRA 14:1)
(Cast iron—Testing) (Phosphorus)

ACC NR: AP7003483 SOURCE CODE: UR/0413/66/000/014/0082/0082

AUTHOR: Gor, Ya. I.

ORG: none

TITLE: Alloyed cast iron with spheroidal graphite. Class 40, no. 183945

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 14, 1966, 82

TOPIC TAGS: cast iron, iron alloy

ABSTRACT: An alloyed cast iron with spheroidal graphite and possessing improved corrosion stability and wear resistance is proposed which has the following composition (%): C - 3.6-4.3; Si - 2.6-3.2; Mn - 0.4-0.6; P - 0.1-0.2; S - 0.015-0.038; Ti - 0.15-0.45; Cr - 0.15-0.4; Cu - 0.6-0.9; Ce - 0.08-0.15; Mg - 0.01-0.02. [JPRS: 37,480]

SUB CODE: 11 / SUBM DATE: none

Card 1/1

UDC: 669.131.7

GEZA, Floris

A general reaction method for the determination of the amino-nitrogen-bound benzyl group and its derivatives. Acta pharm. Hung. 36 no.1:10-12 J '66

1. Submitted January 15, 1965.

GEZA K. J.

Country : Rumania
Category : H-13

Abs. Jour. : 39372

Author : Geza, K. J. and Kulcsar-Novakova, M.
Institut. : Rumanian Academy of Sciences
Title : Investigation of the Chemistry of Silicon Carbide. II. Study of the Reaction between SiC and NiO, CoO, and Cr_2O_3 in an Atmosphere of Oxygen at Temperatures up to 1,300°C

Orig. Pub. : Studii si Cercetari Chim Acad RPR, Fil Cluj, 8, No 1-2, 59-73 (1957)

Abstract : The authors have investigated the behavior of technical grade SiC (94.5% SiC) in mixtures with NiO, CoO, and Cr_2O_3 in an atmosphere of O_2 at temperatures of up to 1,300°C. The degree of oxidation of the SiC was determined by taking samples at various temperatures (670-1300°) from the tubular furnace in which the reaction mixture was heated (the components were charged in stoichiometric amounts according to the reaction: $SiC + MeO + 2O_2 = SiO_2 + CO_2 + MeO$) [Me presumably means metal] over 2 hrs and by determining the amount of CO_2 in the exit gas; the data thus obtained permit a calculation of the amount of SiC which has been oxidized. It has been found

Card: 1/2

H-38

TAT'YANIN, I.G.; GEZA, Surovi (Vengriya); BOBRYSHEV, G.I.

Industrial testing of the TSSM-5" sectional turbodrill at depths up to 2000 meters in Hungary. Neft. khoz. 38 no.10:52-55 O '60.
(Hungary--Turbodrills--Testing) (MIRA 13:9)

ZHABROVA, G.M.; KADENATSI, B.M.; AZIZOV, T.S.; GORDEYEVA, V.A.; GLAZUNOV, P.Ya.; GEZALOV, A.A.

Radiation method of preparation of highly dispersed metals and oxides. Izv.AN SSSR.Otd.khim.nauk no.9:1690-1692 S '62. (MIRA 15:10)

1. Institut khimicheskoy fiziki AN SSSR i Institut fizicheskoy khimii AN SSSR.
(Metallic oxides) (Colloids) (Radiation)

AKHUNOV, A.R.; GEZALOV, F.A.

Graphic analysis method for determining the mixture of two waters.
Dokl. AN Azerb. SSR 20 no.1:35-40 '64. (MIRA 17:4)

1. Predstavleno akademikom AN AzerSSR Sh.F.Mekhtiyevym.

GEZALOV, V.A.

Effect of high-temperature hardening on the quality of a catalyst. Neftepер. i neftekhim. no.2:13-14 '63. (MIRA 17:1)

1. Novo-Bakinskiy neftepererabatyvayushchiy zavod.

DMITRIYENKO, V.I.; GRAZHDAN, V.A.

Automatic device for mixing catalysts into carrier. Neftepererab. i neftekhim. no.3:33-34 '63. (MIRA 17:9)

1. Novo-Yaroslavskiy neftepererabatyvayushchiy zavod.

GEZALYAN, I.; MINASYAN, V.

New transmitting element for automatic control of the level of glass in furnaces. Stek. i ker. 18 no.10:43 O '61. (MIRA 14:11)

1. Yerevanskiy elektrolampovyy zavod.
(Liquid level indicators) (Glass furnaces)

GEZALYAN, L.S.

Systematic character of the conditioned reflex activity of dogs.
Izv.AN Arm.SSR. Biol.i sel'khoz.nauki 10 no.5:21-30 My '57.
(MLRA 10:7)

1. Fiziologicheskaya laboratoriya Akademii nauk SSR.
(Conditioned response) (Dogs)

GEZALYAN, L.S.

So-called active movements of the paw in dogs. Izv.AN Arm.SSR. Biol.i sel'khoz.nauki 10 no.8:59-63 Ag '57. (MIRA 10:10)

1. Fiziologicheskaya Laboratoriya Akademii nauk SSSR.
(CONDITIONED RESPONSE) (DOGS)

GEKALYAN, I. S., Cand Biol Sci—(diss.) "On the phenomenon of
sensitization in the conditioned reflex activity of dogs."
Yerevan, 1958. 14 pp, (Acad Sci Armenian SSR, Institute of Physiology). 150 copies (KL, 38-58,105).

GEZALYAN, L.S.

Change in certain functions of the damaged spinal cord in irradiated turtles. Dokl.AN Arm.SSR 30 no.2:121-124 '60. (MIRA 13:6)

1. Sektor radiobiologii Akademii nauk Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR E.A.Asratyanom.
(SPINAL CORD) (X RAYS—PHYSIOLOGICAL EFFECT)

GEZALYAN, L.S., kand.biologicheskikh nauk

Course of the injuries of the central nervous system in animals exposed to X-rays. Vop. radiobiol. [AN Arm. SSR] 1:59-67 '60. (MIRA 15:3)

1. Iz Sektora radiobiologii AN Armyanskoy SSR.
(X RAYS--PHYSIOLOGICAL EFFECT)
(NERVOUS SYSTEM--DISEASES)

GEZALYAN, L.[illegible]

Effect of ionizing radiation on [illegible] following injury of the nervous system in white [illegible]. [illegible] AN ARM. SSR 2:[illegible] '61. (MIRA 18:4)

GEZALYAN, L.S.

Dynamic stereotypes. Zhur. vys. nerv. deiat. 11 no.5:937-942 S-O '61. (MIRA 15:1)

1. Physiology Laboratory, U.S.S.R. Academy of Sciences, Moscow.
(CONDITIONED RESPONSE)

GAMBARYAN, L. S.; GEZALYAN, L. S.; GARIBYAN, A. A.; AYRAPETYAN, S. A.

Role of the cortical section of the vestibular analysor in the mechanisms of statokinetic coordination. Izv. AN Arm. SSR. Biol. nauki 15 no.4:59-65 Ap '62. (MIRA 15:7)

1. Fiziologicheskaya laboratoriya Nauchno-issledovatel'skogo instituta akusherstva i ginekologii Ministerstva zdravookhraneniya Armyanskoy SSR i fiziologicheskaya gruppa Sektora radiobiologii AN Armyanskoy SSR.

(LABYRINTH(EAR))

ALAVERDYAN, M.I., dotsent; GEZALIAN, L.S., kand. biol. nauk; [illegible], T.Kh., mladshiy nauchnyy sotrudnik; TER-OZHANYAN, O.Ye.; GRIGORYAN, V.K., starshiy laborant

Effect of decortication and X-rays on the phagocytic activity of leucocytes in rabbits. Vop. radiobiol. [AN Arm. SSR] 3/4:47-52 '63. (MIRA 17:6)

GEZALYAN, L.S., kand. biolog. nauk; [illegible], L.A., [illegible] nauchnyy sotrudnik

Effect of cerebellum injury on the peripheral blood of irradiated rats. Vop. radiobiol. [AN Arm. SSR] 3/4:151-157 '64.

GEZALYAN, L.S.; GASPARYAN, L.A.

Effect of the cerebellum on the composition of peripheral blood in white rats. Izv. AN Arm. SSR. biol. nauki 16 no.8:37-41 Ag'63 (MIRA 17:4)

1. Sektor radiobiologii AMN SSSR.

ALAVERDYAN, M.I.; GAMBARYAN, L.S.; PAPOYAN, S.A.; MOVSESYAN, M.A.; GEZALYAN, L.S.

Effect of ionizing radiation and some surgical operations on the cellular phagocytic reactivity of the organism. Izv. AN Arm. SSR. Biol. nauki 18 no.11:3-10 N '65. (MIRA 19:1)

1. Sektor radiobiologii AMN SSSR i laboratoriya neyrobiologii AN ArmSSR.

L 29024-66 EWT(m)

ACC NR: AP6018168 SOURCE CODE: UR/0298/65/018/011/0003/0010

AUTHOR: Alaverdyan, M. I.; Gambaryan, L. S.; Papoyan, S. A.; Movsesyan, M. A.; Gezalyan, L. S. 42 B

ORG: Sector of Radiobiology, AMN SSSR (Sektor radiobiologii AMN SSSR); Laboratory of Neurobionics, AN ArmSSR (Laboratoriya neyrobionikl AN ArmSSR)

TITLE: Effect of ionizing radiation 19 and interference in the form of operations on the cell-phagocytic reactivity of the organism

SOURCE: AN ArmSSR. Izvestiya. Seriya biologicheskikh nauk, v. 18, no. 11, 1965, 3-10

TOPIC TAGS: ionizing radiation, radiation biologic effect, brain, cerebral cortex, autonomic nervous system, blood

ABSTRACT: Phagocytosis was studied in rabbits against the background of decortication of the brain, removal of the sympathetic network, x-rays, and severe blood loss. A single exposure to x-rays (800 and 260 r) resulted in activation of phagocytosis within 24 hours after treatment and in a reduction of this reaction during the first, second, and third weeks of radiation sickness. The combination of radiation with blood loss resulted in a sharp inhibition of phagocytosis, stronger than that of radiation alone. Blood loss by itself did not inhibit the phagocytic reactions of the blood. Removing the abdominal sympathetic network along with radiation caused, as

Card 1/2

L 28024-66

ACC NR: AP6018168

did both of these factors separately, a pronounced suppression of phagocytotic activity of leukocytes of rabbits in the later stages of the post-radiation period but activated phagocytosis in the twenty-four hours following radiation and removal of the sympathetic network. Removal of the cerebral cortex caused an evident reduction in the level of phagocytosis (up to five times). Orig. art. has: 1 figure and 3 tables. /JPRS/

SUB CODE: 06 / SUBM DATE: 09Mar65 / ORIG REF: 030 / OTH REF: 021

Card 2/2

L 28024-66 EWT(m)

ACC NR: AP6018168 SOURCE CODE: UR/0298/65/018/011/0003/0010

AUTHOR: Alaverdyan, M. I.; Gambaryan, L. S.; Papoyan, S. A.; Movsesyan, M. A.; Gazalyan, L. S.

ORG: Sector of Radiobiology, AMN SSSR (Sektor radiobiologii AMN SSSR); Laboratory of Neurobionics, AN ArmSSR (Laboratoriya neyrobioniki AN ArmSSR)

TITLE: Effect of ionizing radiation and interference in the form of operations on the cell-phagocytic reactivity of the organism

SOURCE: AN ArmSSR. Izvestiya. Seriya biologicheskikh nauk, v. 18, no. 11, 1965, 3-10

TOPIC TAGS: ionizing radiation, radiation biologic effect, brain, cerebral cortex, autonomic nervous system, blood

ABSTRACT: Phagocytosis was studied in rabbits against the background of decortication of the brain, removal of the sympathetic network, x-rays, and severe blood loss. A single exposure to x-rays (300 and 260 r) resulted in activation of phagocytosis within 24 hours after treatment and in a reduction of this reaction during the first, second, and third weeks of radiation sickness. The combination of radiation with blood loss resulted in a sharp inhibition of phagocytosis, stronger than that of radiation alone. Blood loss by itself did not inhibit the phagocytic reactions of the blood. Removing the abdominal sympathetic network along with radiation caused, as

Card 1/2

L 28024-66

ACC NR: AF6018168

did both of these factors separately, a pronounced suppression of phagocytotic activity of leukocytes of rabbits in the later stages of the post-radiation period but activated phagocytosis in the twenty-four hours following radiation and removal of the sympathetic network. Removal of the cerebral cortex caused an evident reduction in the level of phagocytosis (up to five times). Orig. art. has: 1 figure and 3 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 09Mar65 / ORIG REF: 030 / OTH REF: 021

Card 2/2

ACC NR: AT6036526 SOURCE CODE: UR/0000/66/000/000/0111/0112

AUTHOR: Gazalyan, L. S.; Il'in, Ye. A.; Razumeyev, A. N.

ORG: none

TITLE: Bioelectric reactions and oxygen tension in several parts of the brain during hypoxic hypoxia /Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966./

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 111-112

TOPIC TAGS: hypoxia, electroencephalography, central nervous system

ABSTRACT: The sequence, functional significance, and physiological mechanisms of phase changes in the EEG's of various parts of the brain during hypoxic hypoxia were studied in rabbits with electrodes implanted in the sensorimotor region of the cortex, the hippocampus, the posterior hypothalamus, and the midbrain reticular formation. The rabbits breathed nitrogen through a mask. Functional state of these centers was evaluated by assimilation of rhythmic light flashes on the EEG. In 6 animals pO_2 in the cortex and reticular formation was polarographically recorded. As hypoxic hypoxia developed,

Card 1/2

ACC NR: AT6036526

the well-known 3 characteristic phases of EEG changes appeared: 1) the arousal reaction phase; 2) the dominant slow wave phase; and 3) the phase of electrical activity extinction. It was found, however, that the phase 2 slow waves alternated with periods of rapid oscillations, and that recurrent slow waves could be observed in the activity extinction phase in addition to periods of bioelectric "silence". During the first (amplitude gain) stage of the slow wave phase EEG's of all studied brain structures showed assimilation of light flash rhythms. Simultaneous decrease in pO_2 shows this to be a persistence reaction masking the development of CNS inhibition. Restoration of the light flash rhythm assimilation following hypoxic hypoxia usually occurred first in the cerebral cortex.

Changes in cerebral cortex and reticular formation EEG's during hypoxic hypoxia were correlated and analyzed by computer, and the results compared with changes in pO_2 in the cortex (59.25 ± 10.25 from initial levels) and reticular formation (79.75 ± 3.33% from initial levels). [W. A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 2/2

1ST AND 2ND ORDERS — PROCESSES AND PROPERTIES INDEX — 3RD AND 4TH ORDERS

Gezburg, A.A.

19

necessary in making measurements. J. F. Hyde

—Drying refractories for the glass industry. A. A. Ginzburg. *Keram. i Steklo* 13, No. 11, 18-21(1937).—Numerous expts. with the drying of refractories in artificial driers are discussed. It was found that it takes 13 days to dry refractories in driers having an av. temp. of 28° after which they can be fired without danger of damage. The brick shrinks during the first 5 days of drying only after which it is possible to raise the temp. of the drying chambers. M. V. Condoide

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

PROCESSES AND PROPERTIES INDEX

GINZBURG, A.A.

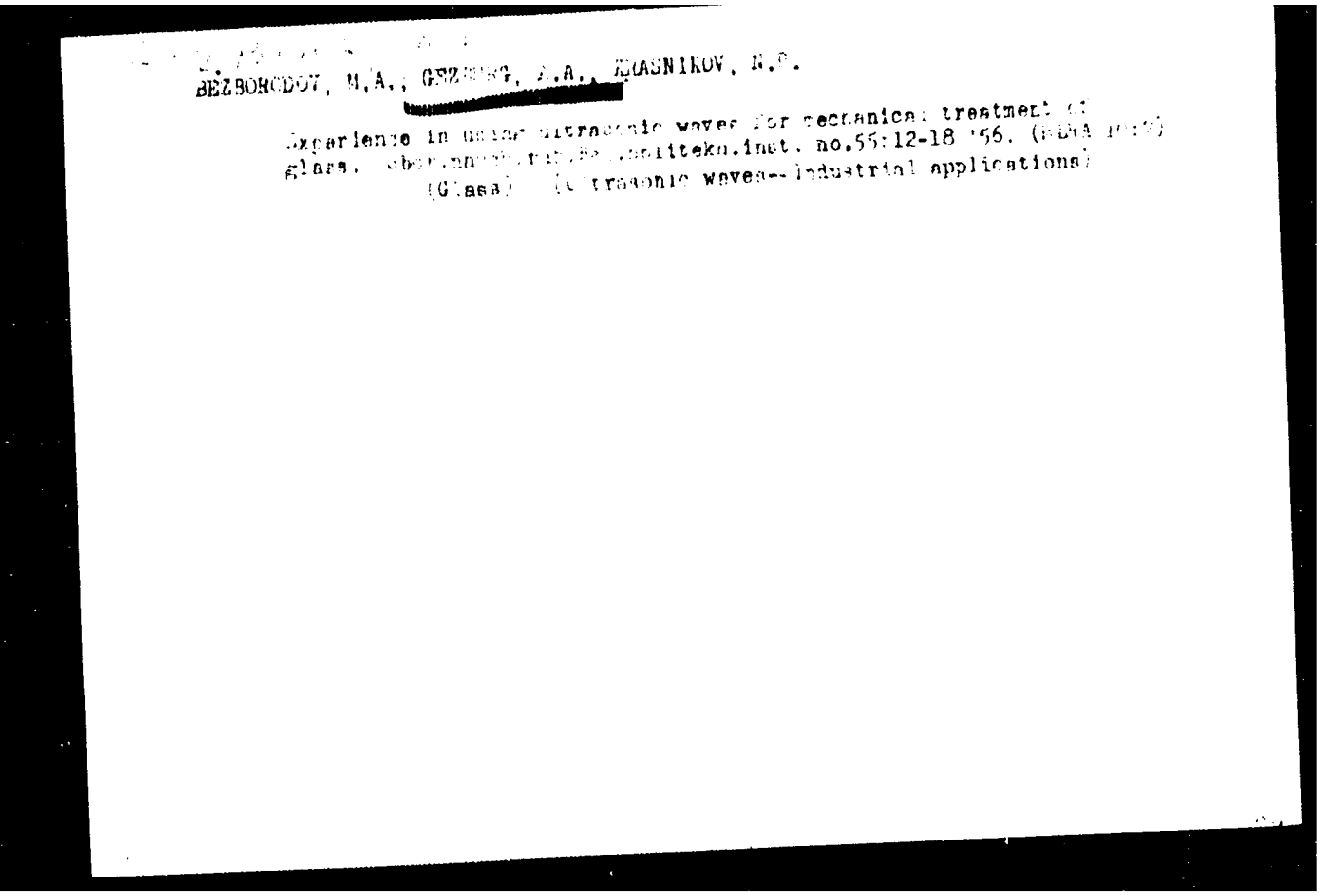
C

Use of astrakanite in making magnesia glass. A. A. Ginzburg. *Steklo'naya i Keram. Prom.*, 1945, No. 3, pp. 10-11.—Most of the deposits of astrakanite are near the Aral sea, while some are in lakes of the delta of the Volga. Its formula corresponds to $Na_2SO_4.MgSO_4.4H_2O$, hardness is 2.5 to 3.5, specific gravity is 2.22 to 2.28, and it crystallizes in the monoclinic system. Admixtures are moisture, NaCl, $CaSO_4$, SiO_2, and about 0.1% Fe oxides. It can be used to add up to 5% MgO to the glass without changing the melting process of the sulfate charge. Substitution of astrakanite for dolomite does not lower the output of the furnace; it results in economy of conditioning alkali because the addition of 4% MgO results in a saving of 41% sulfate. The decomposition of the grog crucibles is increased, but this can be compensated by using mullite refractories. The cost of Na_2O is about the same from sulfate as from astrakanite. B. Z. K.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MANUYLOV, L.A.; KLYUKOVSKIY, G.I.; GEZBURG, A.A.; BALKEVICH, V.L., kandidat tekhnicheskikh nauk, redaktor; TYUTYUNIK, M.S., redaktor; LYUDKOVSKAYA, N.I., tekhnicheskiy redaktor.

[Practical laboratory work in the technology of silicates] Laboratornyi praktikum po tekhnologii silikatov. Pod.red.V.L.Balkevicha. Moskva, Gos.izd-vo lit-ry po stroit. materialam, 1955. 346 p. (MLRA 9:5)
(Silicates)



BEZBORODOV, M.A., GERASIMOV, A.A., KRASNIKOV, N.P.

Experience in using ultrasonic waves for mechanical treatment of glass. Sbor.nauch.trud.Leningr.tekhnolog.inst. no.55:12-18 '56. (MLRA 10:2)
(Glass) (Ultrasonic waves--Industrial applications)

26259
S/194/61/000/001/026/038
D216/D304

15 2120

AUTHOR: Gezburg, A.A.

TITLE: Ultrasonic apparatus for polishing flat glass surfaces

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 1, 1961, 18, abstract 1 E155 (V Sb. Primeneniye ul'traakust. k issled. veshchestva. no. 10, M., 1960, 193-198)

TEXT: A description is given of a magnetostriction acoustic head, designed by the Belo-Russian Polytechnic Institute, to which is attached an instrument of the required shape. The head and the processed component are fastened to a milling machine. The head is fed from a modified repeater amplifier TY-600 (TU-600). In processing glass, barium carbide No. 200 was used. The depth of cavities on the polished glass component was 4.1 - 4.21 microns.

Card 1/1

GEZBURG, A.A.

PHASE I BOOK EXPLOITATION SOV/5643

Vsesoyuznaya konferentsiya professorov i prepodavateley pedagogicheskikh institutov

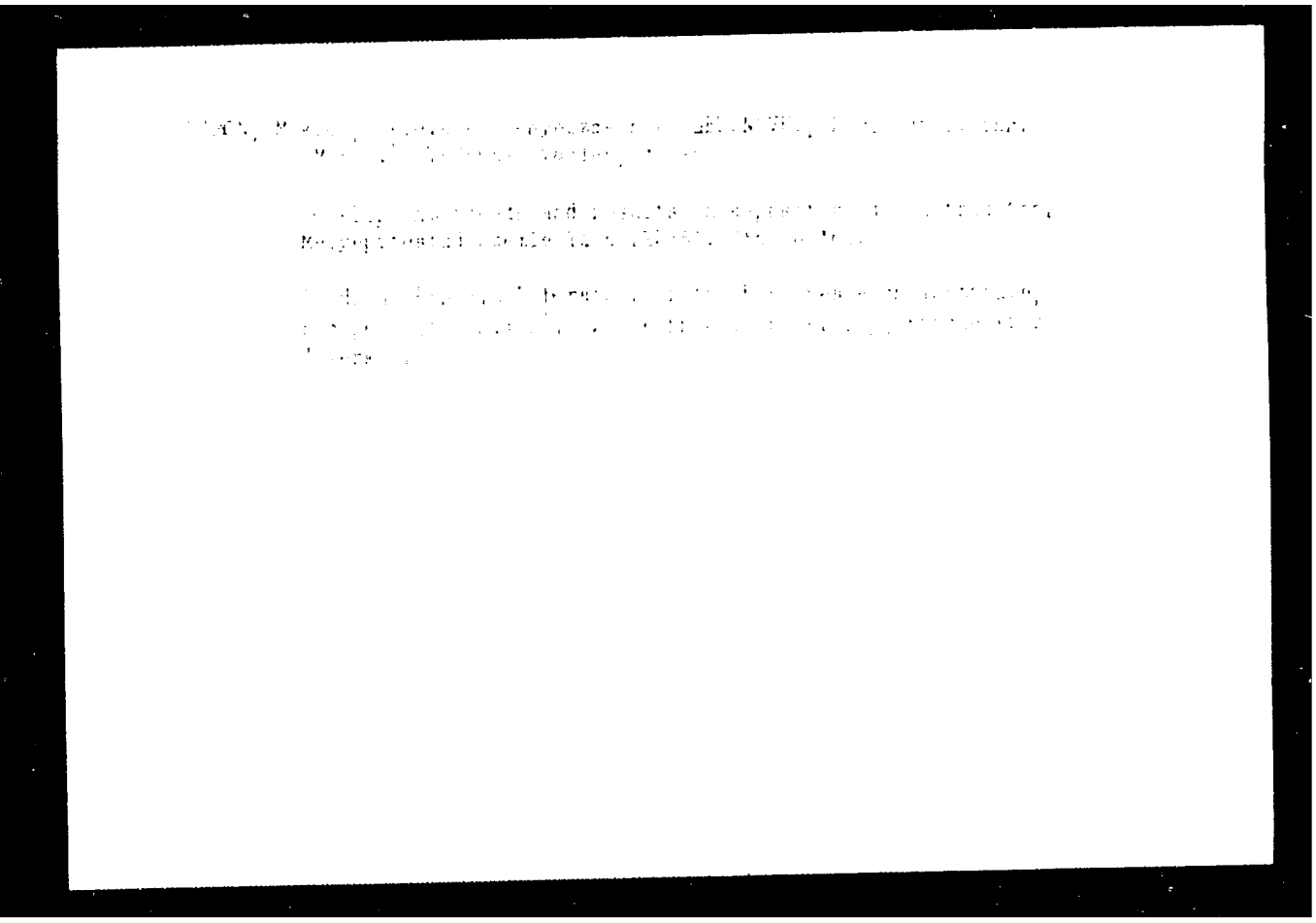
Primeneniye ul'trazvukovykh issledovaniy v metallovedenii. vyp. 10. (Utilization of Ultrasonics for the Investigation of Materials. no. 10) Moscow, Izd-vo MOPI, 1959. 321 p. 1000 copies printed.

Eds.: V. F. Nozdrev, Professor, and B. B. Kudryavtsev, Professor.

PURPOSE: This book is intended for physicists and engineers interested in ultrasonic engineering.

COVERAGE: The collection of articles reviews present-day research in the application of ultrasound in medicine, chemistry, physics, metallurgy, ceramics, petroleum and mining engineering, defectoscopy, and other fields. No personalities are mentioned. References accompany individual articles.

Card 1/3



GRZENTSVEY, A.N.

Bottom influence on temperature distribution in water basins. (MLRA 9:3)
Trudy Inst.okean. 4:80-102 '49.
(Ocean temperature)

GEZENTSVEY, A.N.

Divergences of drift currents and the transport of heat by currents in the North Pacific and the North Atlantic. Trudy Inst. okean. no.9:54-118 '54. (MLRA 8:6)
(Atlantic Ocean--Ocean temperature) (Pacific Ocean--temperature) (Ocean currents)

AUTHOR: Gezentsvey, A. N. SOV/49-59-1-12/23

TITLE: On the Dependence of the Horizontal Macro-Exchange Coefficient in Seas on the Period of Averaging of Flow Velocity Pulsations (O zavisimosti koeffitsiyenta gorizontal'nogo makroobmena v more ot perioda osredneniya pul'satsiy skorosti techeniya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1959, Nr 1, pp 105-107 (USSR)

ABSTRACT: Turbulent currents consist of separate masses of liquid ("molar masses"), which are of finite dimensions and which move in a disordered manner within the current. The dimensions of these molar masses vary from very small (micro-currents) to very large eddies observed in the motion of the atmosphere and of the seas. If a turbulent stream is observed at one point, the velocity of motion recorded in this point will be in the form of continuous non-periodic pulsations. The author applied Artel s theory (Ref 1) of atmospheric turbulence to macroscopic horizontal mixing in seas. His treatment followed those of Shtokman (Ref 3) and Khlopov (Ref 4) who studied

Card 1/4

On the Dependence of the Horizontal Macro-exchange Coefficient in Seas on the Period of Averaging of Flow Velocity Pulsations

turbulent horizontal motion in the Caspian and Black Seas respectively. The present paper deals with flow velocity pulsations observed in the Black Sea and especially with the dependence of the macro-exchange coefficient on the period of averaging of these pulsations. The calculations described in the paper used the observations of the velocity of flow measured by the expedition of the Laboratory of Ocean Dynamics of the Oceanography Institute Ac.Sc. USSR. These measurements were made over a period of several months on board an anchored ship in August 1956. The velocity and direction of flow at depths of 20 and 100 m were recorded every 20 min for a fortnight. Pulsations of the horizontal component of velocity with a 20 min period of averaging were obtained by calculation of the difference between each observed value of the velocity component and the average for the whole period (fortnight) of observation. To allow for the wide range of variations in the dimensions of

On the Dependence of the Horizontal Macro-Exchange Coefficient in Seas on the Period of Averaging of Flow Velocity Pulsations

eddies the authors averaged these pulsations for basic periods of 1 and 6 hours. As a result of this, new quantities were obtained which were regarded as "instantaneous" components of velocity of flow in the directions x and y. Departures of these 1-hour and 6-hour velocity components from the average values for the whole fortnight were calculated. This procedure yielded mean-square values of 20-min, 1-hour and 6-hour macro-pulsations of flow velocity in the geographic parallel and meridional directions. Such macro-pulsations at the depth of 20 m are given in Fig.1 and Table 1. It can be seen that with increase of the period of averaging the mean-square pulsations decrease in amplitude. Table 2 gives the coefficients of macro-exchange in the parallel (A_x) and meridional (A_y) directions in cm^2/sec calculated from averaged macro-pulsations (for the three periods of 20 min, 1 hour and 6 hours) at depths of 20 and 100 m. These coefficients are also shown graphically in Fig.2. Both Table 2 and Fig 2 show that the macro-exchange

507/49-59-1-12/23

On the Dependence of the Horizontal Macro-Exchange Coefficient in Seas on the Period of Averaging of Flow Velocity Pulsations

coefficient increases with increase of the period of averaging of the flow velocity pulsations. Dependence of the macro-exchange coefficient on the period of averaging may be represented by a power function. The exponent of this power function is the same for both depths and is equal to 2/3. Acknowledgments are made to R. V. Ozmidov for his advice.
There are 2 figures, 2 tables and 4 references, 2 of which are Soviet, 2 German.

ASSOCIATION: Akademiya nauk SSSR, Institut okeanologii (Ac.Sc., USSR, Oceanographic Institute)

SUBMITTED: June 2, 1958

Card 4/4

GEZENTSVEY, A.N.

Horizontal macroturbulent exchange in the Black Sea. Trudy Inst. okean. 52:115-132 '61. (MIRA 14:6)
(Black Sea--Ocean currents)
(Turbulence)

GEZENTSVEY, A.N.

Horizontal macroturbulent exchange in the Black Sea. Trudy Inst. okean. 52:133-154 '61. (MIRA 14:6)
(Pacific Ocean--Ocean currents)
(Turbulence)

GEZENTSVEY, A.N.

Orders of magnitude of oceanologic characteristics. Trudy Inst. okean. 66:91-124 '63. (MIRA 16:10)

PHASE I BOOK EXPLOITATION SOV/4486

Boyzerman, D.Z., Engineer, I.M. Dzhioyev, Engineer, I.A. Gezentsvey, Engineer, and L. Ye. Purygin, Engineer

Stroitel'stvo domennoy pechi ob"yemom 1,719 m^3 (Building of a Blast Furnace of a 1,719 m^3 Volume) Moscow, Gosstroyizdat, 1960. 140 p. Errata slip inserted. 2,500 copies printed.

Scientific Ed.: N.K. Leonidov, Engineer; Ed. of Publishing House: Z.I. Vdovenko; Tech. Ed.: P. Ye. Ryazanov.

PURPOSE: This book is intended for the personnel of construction organizations. It may also be useful for designers and for students of civil engineering schools of higher education.

COVERAGE: The authors present results of experience gained in building a blast furnace having a 1,719 m^3 volume at a metallurgical plant in the Ukrainskaya SSR. Included are discussions of the basic design proposals for the construction of the furnace, industrial methods used for the completion of different types of

Card 1/4

22

GEZENTSVEY, L.B.; GORELYSHEV, N.V., redaktor; OTOCHEVA, M.A., redaktor; KONYASHINA, A., tekhnicheskiy redaktor.

[Asphalt concrete paving for roads] Dorozhnye asfal'tobetonnye pokrytiia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 200 p. (MLRA 8:5)
(Pavements, Asphalt) (Road construction)

GREZENTSVEY, L. B.

[Asphalt concrete covering for roads] Dorozhnye asfal'tobetonnye pokrytiia. Moskva, M-vo kommun. khoziaistva RSFSR., 1954. 203 p. (MLRA 8:3D)

GEZENTSVEY, Lev Borisovich; GORELYSHEV,N.V., redaktor; RACHEVSKAYA,M.I., redaktor; MONTASHINA,A., tekhnicheskiy redaktor

[Technology of asphalt concrete production] Tekhnologiia proizvodstva asfal'tovogo betona. Izd.2-oe, perer. i dop. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 326 p.
(Asphalt concrete) (MLRA 9:3)

IVANOV, N.N., professor, laureat Stalinskoy premii; GEZENTSVEY, L.B., inzhener

Improve the technology of preparing asphalt concrete mixes. Avt. dor. 18 no. 4:6-8 Jl-Ag '55. (MLRA 8:11)
(Asphalt concrete)

GEZENTSVEY, L.B., inzhener.

Using ultrasonic waves in testing asphalt concrete. Avt.dor. 19 no.12:9-11 D '56. (MIRA 10:10)
(Asphalt concrete) (Ultrasonic testing)