UMANSKIY, E.Ye. [deceased]; RYZHOVA, L.K.

Malignant neoplasms produced in axolotl with crystals of methylcholanthrene. Dokl. AN SSSR 99 no.5:861-864 D '54. (MLRA 8:2)

1. Predstavleno akademikom A.I.Abrikosovym.
(NEOPLASMS, experimental,
methylcholanthrene cancer in axolotl)
(METHYLCHOLANTHRENE, effects,
carcinogenesis in axolotl)

ZIL'BERBERG, A.L., nauchnyy red.; RYZHOVA, L.N., red.; TETIYA, I.A., red.; SVETOZARSKIY, K.V., red.

[Coiling of sections for sheet-metal structures] Ruloniro-vanie listovykh konstruktsii; tematicheskii sbornik. Moskva, Izd-vo TSentr.biuro tekhn.informatsii, 1962. 157 p. (MIRA 16:6)

1. Russia (1917- R.S.F.S.R.)Ministerstvo stroitel'stva. (Metalwork) (Petroleum--Storage)

YAKUB, Irina Aleksandrovna, kand.tekhn.nauk; GORCHAKOV, A.V., otvetstvennyy red.; GLUSSKIY, Ya.A., nauchnyy red.; RYZHOVA, L.N., red.; LUKIN, F.I., tekhn.red.

[Waterproof mixtures and concrete with admixtures of sodium aluminate]. Vodonepronitsaemye rastvory i betony s dobavkoi aliuminata natriia. Moskva, Tekhn.upr. TSentr.biuro tekhn. inform., 1957. 79 p. (MIRA 11:6)
(Concrete) (Waterproofing)
(Sodium aluminates)

RYZHOVA, L. V.

137-1957-12-22995

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 20 (USSR)

AUTHOR: ~~Ryzhova, L. V.~~

TITLE: Separate Delivery of Various Grades of Raw Ores to the Plant in Order to Increase the Extraction of Metal During Concentration (Organizatsiya dostavki na fabriku obrushennoy rudy po sortam s tsel'yu povysheniya izvlecheniya metalla pri obogashchenii)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgii i stroymaterialov, 1956, Nr 11, pp 104-107 (from Kaz.)

ABSTRACT: In order to reduce fluctuations of the amounts of the useful components in ores arriving at the plant, it is suggested that, whenever possible, the rich ores and the lean ores be transported and concentrated separately. This method should increase the total amount of metal by 2-3 percent. These concepts are substantiated by a practical example.

A. Sh.

1. Metallurgy-USSR 2. Ores-Separation

Card 1/1

TOMBAYEV, N.I.; NESTEROVICH, A.A., inzh., retsenzent; ZHIGALOV, S.F., prof., doktor tekhn. nauk, red.; RYZHOVA, L.P., inzh., red. izd-va; DEMKINA, N.F., tekhn. red.

[Centrifuges for the food industry]TSentrifugi pishchevoi promyshlennosti. Moskva, Mashgiz, 1962. 222 p. (MIRA 16:4)
(Food machinery) (Centrifuges)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2

CHERMOUSHENTSEV, Ivan Aleksandrovich, doktor tekhn. nauk; RYZHOVA, Lyudmila Viktorovna, kand. tekhn. nauk; TSIMBALENKO, L.N., inzh., red.; LUCHKO, Yu.V., red. izd-va; ZEF, Ye.M., tekhn. red.

[Use of block caving in mining complex ores] Primenenie sistemy etazhnogo obrusheniia na polimetallicheskikh rudnikakh SSSR. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1958. 160 p. (MIRA 11:10)
(Mining engineering)

RYZHOVA, L.V.

Block splitting and cutting down in the roof caving system.
Izv. AN Kazakh. SSR. Ser. gor dela no.2:31-35 '58.
(MIRA 12:10)

(Mining engineering)

RYZHOVA, L.V.

Organizing sorted ore deliveries to the dressing plant in view of increasign the extraction of metal. Izv.AN Kazakh.SSR.Ser. gor.dela, met. i stroimat. no.11:104-107 '56. (MLRA 10:1)
(Ore dressing)

PLATONOV, Georgiy Vasil'yevich; VIKTOROVA, V., red.; RYZHOVA, M., mladshiy red.; ULANOVA, L., tekhn.red.

[Dialectical materialism and some problems of genetics] Dialekticheskii materializm i voprosy genetiki. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1961. 161 p. (MIRA 15:4)
(DIALECTICAL MATERIALISM)
(GENETICS)

YUGAY, Gerasim Andreyevich; VIKTOROVA, V., red.; RYZHOVA, M., mladshiy red.; CHEPELEVA, O., tekhn. red.

[Problem of the integrity of the organism; a philosophical analysis]Problema tselostnosti organizma; filosofskii analiz. Moskva, Sotsekgiz, 1962. 247 p. (MIRA 16:1)
(BIOLOGY—PHILOSOPHY)

BERG,A.I.,akad.,red.; BIRYUKOV, B.V., red.; NOVIK, I.B., red.; KUZNETSOV, I.V., red.; SPIRKIN, A.G., red.; KUZHOVA,M.,red.

[Cybernetics, thought, and life] Kibernetika, myshlenie, zhizn'. Moskva, Mysl', 1964. 510 p. (MIRA 17:12)

SVECHNIKOV, Gennadiy Aleksandrovich; SHCHERBINA, I., red.; RYZHOVA, M., mladshiy red.; NOGINA, N., tekhn. red.

[Causality as a category in physics] Kategoriia prichinnosti v fizike. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 244 p. (MIRA 14:11)
(Causation) (Physics—Philosophy)

NOVIK, Il'ya Bentsionovich; RYZHOVA, M.A., red.; KOBYAKOV, G.G., ml. red.

[Modeling of complex systems; a philosophical essay] O modelirovanii slozhnykh sistem; filosofskii ocherk. Moskva, Nysl', 1965. 332 p. (MIRA 18:10)

RYZHKOVA, M.N. (Moskva)

Clinical aspects and pathophysiology in long-term manganese intoxication. Gig.truda i prof.zab. 3 no.5:37-42 S-O '59. (MIRA 13:2)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(MANGANESE--TOXICOLOGY)

SHNAYDMAN, L.O., spetsred.; RYZHOVA, M.S., red.; YAROV, E.M., tekhn.red.

[Vitamin industry; a concise manual] Vitaminnaia promyshlennost'; sbornik. No.3 [Automatization of the production of synthetic ascorbic acid] Avtomatizatsiia protsessov proizvodstva sinteticheskoi askorbinovoi kisloty. Moskva, Pishchepromizdat. 1956. (MIRA 12:3)
26 p.

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti prodovol'stvennykh tovarov. Otdel tekhnicheskoy informatsii.
(Ascorbic acid)

RYBIN, N.S.; LOKSHIN, Ya.Yu.; SABUROV, N.V., prof., spetsred.; RYZHOVA, M.S., red.; GOTLIB, E.M., tekhn.red.

[Equipment for producing dried fruits] Oborudovanie dlia proizvodstva sushenykh fruktov. Moskva, Pishchepromizdat, 1957. 59 p. (Obmen peredovym tekhnicheskim opytom). (MIRA 11:12)
(Fruit--Drying) (Drying apparatus)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

SVYATOSLAVSKAYA, T.N.; ZALETSKIY, V.N.; RYZHOVA, M.S., red.; YUROV, E.M., tekhn.red.

[Increasing the productivity of belt dryers; practices of the Gryazi Food Concentrates Combine] Uvelichenie proizvoditel'nosti lentochnykh sushilok; iz opyta raboty Griazinskogo kombinata pishchevykh kontsentratov. Moskva, Pishchepromizdat, 1956. 17 p. (MIRA 12:5)

(Gryazi--Food, Concentrated--Drying)

FERTMAN, G.I., spetsred.; RYZHOVA, M.S., red.; YAROV, M.M., tekhn. red.

[Alcohol, liqueur, and vodka industries; collection of articles] Spirtovaia i likero-vodochnaia promyshlennost'; sbornik. Moskva, Pishchepromizdat. No.4. 1954. 42 p. (MIRA 11:10)

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti tovarov. Tekhnicheskoye upravleniye.
(Distilling industries)

SHUGAYEV, L.A.; FERTMAN, G.I., spetsred.; RYZHOVA, M.S., red.; GOTLIB, E.M., tekhn.red.

[Mechanized storehouses for distiller's grain and potato slops] Mekhanizirovannoe khranilishche dlia zerno-kartofel'noi bardy. Moskva, Pishchepromizdat, 1957. 14 p. (MIRA 12:3)
(Distilling industries--By-products--Storage)

FERTMAN, G.I., spetsred.; RYZHOVA, M.S., red.; KISINA, Ye.I., tekhn.red.

[Operation of the Efremov Industrial Alcohol Plant] Opyt raboty Efremovskogo zavoda tekhnicheskogo spirta. Moskva, Pishcheprom-izdat, 1957. 57 p. (MIRA 12:8)

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti prodovol'stvennykh tovarov. Otdel tekhnicheskoy informatsii.
(Efremov--Alcohol)

SHELAMOVA, A.S., KATS, Z.A.; RYZHOVA, M.S., red.; MUSTAFIN, A.M., tekhn. red.

[Methods of briquetting dehydrated potatoes] Rezhimy briketirovaniia sushenogo kartofelia. Moskva, Pishchepromizdat, 1957. 40 p.
(MIRA 11:10)

(Potatoes)
(Briquets)

DUBININA, A.A.; RYZHOVA, N.A.

Economical finishing of kitchen, hospital, and children's furniture.
Der. prom. 12 no.1:16-17 Ja '63. (MIRA 16:5)
(Furniture industry)

DUBININA, A.A.; RYZHOVA, N.A.

Mastering the technology of veneering particle boards with simultaneous finishing. Der. prom. 11 no.7:23-24 Jl '62. (MIRA 17:1)

RYZHOVA, N.A.; DVOYRINA, G.Ya.; POSPELOVA, G.L., red.; MILIKVSOVA, I.F., tekhn. red.

[Finishing of wood particle boards]Otdelka struzhechnykh plit. Moskva, TSentr. in-t tekhn. informatsii i ekon. issl. po lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshl., 1962. 33 p. (MIRA 16:1)

(Hardboard) (Wood finishing)

RYZHOVA, N. M.

"The Blood Circulation of the Brain During Experimental Hypertension." Cand Biol Sci, Acad Med Sci USSR, 25 Jan 55. (VM, 14 Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

RYZHOVA, N.M.

Cerebral circulation during reflex action. Report No.1: Cerebral blood supply following irritation of interoceptors of the small intestine [with summary in English] Biul. eksp. biol. i med. 43 no.2:13-16 F '57 (MLRA 10:5)

1. Iz laboratorii fiziologii i patologii dykhaniya i krovoobrashcheniya (zaveduyushchiy-professor M.Ye. Marshak) Instituta normal'noy i patologicheskoy fiziologii (direktor-deystvitel'nyy chlen AMN SSSR professor V.N. Chernigovskiy), Moskva. Predstavlena deystvitel'nym chelnom AMN SSSR V.N. Chernigovskim.

(INTESTINE, SMALL, physiology,
eff. of irritation on cerebral circ. rate) (Rus)
(BRAIN, blood supply,
eff. of irritation of small intestine on circ. rate) (Rus)

Country : USSR
Category : Human and Animal Physiology. T
The Nervous System. Blood Supply.
Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106805

Author : Blinova, A. M.; Ryzhova, N. K.
Institut. : -
Titic : The Effects of Reflexes upon the Brain's Blood Supply. 3rd Report. The Significance of Synocarotid Zones in the Regulation of the Brain's*
Orig. Pub. : Byul. eksperim. biol. i med., 1957, 44, No 12, 3-7

Abstract : In 29 dogs, changes of the meninx' volumetric speed of the blood stream (SBS) were investigated. The thermoelectric method was used. An irritation of the small intestine interoceptors was produced by dilating with air. An interoceptor irritation (II) caused an increase of blood pressure and of SBS. In cases, in which vasodilating impulses of synocarotid baroceptors were restricted (by clamping-off of carotid arteries), SBS became reduced as II occurred. After a cuff

Card: 1/3

*Blood Supply in Interoceptor Irritations.

Country : USSR
Category : Human and Animal Physiology. T
The Nervous System. Blood Supply.
Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106805

Author :
Institut. :
Title :

Orig Pub. :

Abstract (cont) : was placed on the carotid bifurcation (thus preventing the sinus walls from widening and also preventing the accompanying increased irritation of baroreceptors with rising aortic pressure), SBS and II increases were less pronounced. It was established that impulses originating at the baroreceptors of the synocarotid zone in interoceptive reflex reactions of the pressor, produce a decrease in the tonus of the cerebral

BLINOVA, A.M.; RYZHOVA, N.M.

Use of thermoelectric method in studying the cerebral blood supply in dogs without anesthesia [with summary in English]. Biul.eksp. biol. i med. 45 no.1:100-102 Ja '58. (MIRA 11:4)

1. Iz laboratorii fiziologii i patologii dykhaniya i krovoobrashcheniya (zav. - prof. M.Ye.Marshak) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.N.Chernigovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.

(BRAIN, blood supply,
thermo-electric exam. in dogs without anesth. (Rus))

BLINOVA, A.M.; RYZHOVA, N.M.

Nervous regulation of the blood supply of the brain. Vest. AMN SSSR 16 no.5:56-69 '61. (MIRA 14:12)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
(BRAIN—BLOOD SUPPLY) (SYMPATHETIC NERVOUS SYSTEM, SYMPATHETIC)
(ELECTROENCEPHALOGRAPHY)

BLINOVA, A.M.; RYZHOVA, N.M.

Significance of anastomoses among ramifications of the external and internal carotid arteries for the blood supply of the brain. Biul. eksp. biol. i med. 52 no.8:3-8 Ag '61. (MIRA 15:1)

1. Iz laboratorii fiziologii i patologii dykhaniya i krovoobrashcheniya (zav. chlen-korrespondent AMN SSSR prof. M.Ye.Marshak) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen-korrespondent AMN SSSR prof. V.V.Parin) AMN SSSR, Moskva. Predstavleno deystvitel'nym chlenom AMN SSSR V.V.Parinym.

(BRAIN--BLOOD SUPPLY) (CAROTID ARTERY)

RYZHOVA, N.M.

Mechanism of the action of carbon dioxide on the vessels of the extremity in the cat. Biul. eksp. biol. i med. 53 no.4:12-15 Ap '62. (MIRA 15:4)

1. Iz laboratorii fiziologii i patologii dykhaniya i krovoobrashcheniya (zav. - chlen-korrespondent AMN SSSR prof. M.Ye. Marshak) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V. Parin) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.

(CARBON DIOXIDE--PHYSIOLOGICAL EFFECT)
(NERVOUS SYSTEM, VASOMOTOR) (EXTREMITIES (ANATOMY)--BLOOD SUPPLY)

L 2122-66 EWT

ACC NR: AT6008850 SOURCE CODE: UR/0000/65/000/000/0116/0120

AUTHOR: Zolototrubov, I. M.; Ryzhov, N. M.

31
B

ORG: none

TITLE: Distribution of pressure along a coaxial system after pulsed gas admission

SOURCE: AN UkrSSR. Magnitnyye lovushki (Magnetic traps). Kiev, Naukova dumka, 1965, 116-120

TOPIC TAGS: manometer, pressure measurement, plasma gun, gas pressure / MI-10S manometer

ABSTRACT: The authors show that a MI-10S ionization manometer may be used for measuring pulsed pressures. This is a plane-parallel manometer with the cathode placed between the anode and the collector and may be used for measuring pressures from $1.33 \cdot 10^{-3}$ to 133 N/m^2. The manometer has a thorium oxide cathode on an iridium base which is more resistant to poisoning than the usual tungsten cathode. The manometer has small overall dimensions which permit operation in restricted spaces. Measurements showed that the sensitivity of the manometer is independent of the emission current. A comparison between readings of the MI-10S manometer and those of the LT-2 thermocouple manometer under stationary pressure conditions showed no significant differences. The average sensitivity in all pressure ranges was found to be $5.56 \cdot 10^{-3}$ N/m^2. The error in pressure determination is no more than 10-15%. The instrument was used for mea-

Card 1/2

L 24207-66

ACC NR: AT6008850 O

suring the distribution of pulsed pressure of a neutral gas along a coaxial plasma gun with the following geometric parameters: length 66 cm, diameter of the external electrode 6.5 cm, diameter of the central electrode 3 cm. Curves are given showing the pressure distribution for hydrogen along the gun at various times with respect to the initial opening of the valve. It was found that the velocity for propagation of the gas front reduces as the density of the front increases. The gas is propagated at a higher velocity as the quantity of the admitted gas is increased. The method described in this paper may be used for measuring pulse pressure in any systems and in any pressure ranges. Logarithmic amplifiers must be used for pressure variations in extremely wide ranges. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 20Oct65/ ORIG REF: 001/ OTH REF: 002

Card 2/2 BLG

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2

Ryzhova, N. P.

5-58

Mechanism of dehydration of γ-glycols. II. Dehydration of 2,5-dimethylhexane-2,5-diol, 4-methyl-1,4-hexanediol, and 4-methyl-1,4-octanediol. T. A. Favorskaya and N. P. Ryzhova (State Univ., Leningrad). *Zhur. Obshchei Khim.* 26, 253-6 (1956); cf. *C.A.* 50, 7740c.—Dehydration of the 3 title compds. proceeds to tetrahydrofuran derivs. through intermediate formation of alkenols. Reaction of MeMgBr with $(CH_3CO_2Et)_2$ gave 34.6% *2,5-dimethyl-2,5-hexanediol*, m. 88.5-9°. This (6.6 g.) treated with aq. H_2SO_4 (pH 1.6) on distn. gave 42% *3,5-dimethyl-4-hexen-3-ol*, b_{14} 63.5-4°, d_{20} 0.8489, n_D^{20} 1.4438, which distd. with a drop of H_2SO_4 gave 44% *2,2,5,5-tetramethyltetrahydrofuran*, b. 115.5-16.5°, d_{20} 0.8089, n_D^{20} 1.4014. EtMgBr and acetopropyl alc. gave 33% *4-methyl-1,4-hexanediol*, b_4 118-19°, n_D^{20} 1.4571, which distd. from aq. H_2SO_4 (pH 1.6) gave 17% *2-methyl-2-ethyltetrahydrofuran*, b_{14} 27-8°, and 15% *MeEtC:CHCH$_2$CH$_2$OH*, b_{13} 75.5-6°, d_{20} 0.8617, n_D^{20} 1.4495, which heated with a drop of H_2SO_4 gave the tetramethyltetrahydrofuran, b. 121-2°, d_{20} 0.8553, n_D^{20} 1.4196. Acetopropyl alc. and BuMgBr gave 30% *4-methyl-1,4-octanediol*, b_{14} 144-5°, d_{20} 0.9158, n_D^{20} 1.4573, which distd. from aq. H_2SO_4 (pH 1.6) gave 32.5% *2-methyl-2-butyltetrahydrofuran*, b_{13} 55-6°, d_{20} 0.8507, n_D^{20} 1.4300, and 24.6% *MeBuC:CHCH$_2$CH$_2$OH* (I), b_{17} 99.5-100°, d_{20} 0.8524, n_D^{20} 1.4524. I distd. with a drop of H_2SO_4 gave the furan deriv. above. Oxidation of the latter with $KMnO_4$ in 7 days gave MeBuC.CH$_2$.CH$_2$.CO.O, b_{14} 113-14°, which with aq. NH_4OH and $AgNO_3$ gave the *Ag salt* of the *free acid*, $C_5H_9O_2Ag$, which was analyzed. I with $KMnO_4$ gave MeCOBu and acrylic acid.

G. M. Kosolapoff

USSR/Organic Chemistry - Theoretical and General Questions on Organic Chemistry E-1

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4239

Author : Favorskaya, T.A., Ryzhova, N.P.
Title : Mechanism of Dehydration of Gamma-glycols. II. Study of Dehydration of 2,5-Dimethylhexandiol-2,5, 4-Methylhexandiol-1, 4 and 4-Methyloctanediol-1,4.

Orig Pub : Zh. obshch. khimii, 1956, 26, No 2, 425-426

Abstract : Similarly to other primary-tertiary gamma-glycols containing fatty radicals (see Communication I, RZhKhim, 1956, 19133) 4-methylhexanediol-1,4 (I) and 4-methyloctanediol-1,4 (II) are dehydrated according to the same mechanism as the di-tertiary 2,5-dimethylhexanediol-2,5 (III), by forming on distillation with H_2SO_4 (pH 1.6) first beta-unsaturated alcohols which are then isomerized to derivatives of tetrahydrofurane. From I was obtained 4-methylhexene-3-ol-1 (IV), yield 15%, BP 75.5-76°/12 mm,

FAVORSKAYA, T.A.; SHCHITIBYSHKA, O.V.; [illegible]

Mechanism of γ-glycol dehydration. Part 3: Study of the dehydration of 2-cyclohexylpentanediol-2,5 and pentanediol-1,4. Zhur. ob. khim. 27 no.4:937-942 Ap '57. (MLRA 10:8)

1. Leningradskiy gosudarstvennyy universitet.
(Pentanediol)

FAVORSKAYA, T.A.; RYZHOVA, N.P.

Mechanism of the dehydration of γ-glycols. Part 2. Study of the dehydration of 2,5-dimethylhexanediol-2,5, 4-methylhexanediol-1,4, and 4-methyloctanediol-1,4. Zhur.ob.khim. 26 no.2:423-426 F '56.

1. Leningradskiy gosudarstvennyy universitet.
(Dehydration (Chemistry)) (Glycols)

MELAMUD, N.L., inzh.; RYZHOVA, T.P.

Inspection of dilatometers and taking the volumetric expansion of water into account in connection with the dilatometric analysis of oils and fats. Masl.-zhir.prom. 28 no.9:33-34 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Dilatometer) (Oils and fats--Analysis)

RYZHOVA, S.V.

Introducing the ETA-10 air hardening unit. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. 18 no.5:25-26 My '65. (MIRA 18:6)

ALEKSANDROV, K.S.; RYZHOVA, T.V.

Elastic properties of rock-forming minerals. Izv. AN SSSR. Ser. geofiz. no.12:1799-1804 D '61. (MIRA 14:12)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.
(Silicates) (Elasticity)

ALEKSANDROV, K.S.; RYZHOVA, T.V.; ROSTUNTSEVA, A.I.

Elastic properties of crystals of the heptahydrated sulfate group. Kristallografiia 7 no.6:930-933 N-D '62. (MIRA 16:4)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.
(Crystals—Elastic properties)

RYZHOVA, T.V.; ALEKSANDROV, K.S.

Elastic properties of rock-forming minerals. Report No.2: Nepheline. Izv.AN SSSR. Ser.geofiz. no.12:1799-1801 '62. (MIRA 16:2)

1. Institut fiziki, Sibirskoye otdelneiye AN SSSR.
(Nephelite—Elastic properties)

ALEKSANDROV, K.S.; RYZHOVA, T.V.; BELIKOV, B.P.

Elastic properties of pyroxenes. Kristalografiia 8 no.5:738-741 S-O '63. (MIRA 16:10)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.

RYZHOVA, T.V.; ALEKSANDROV, K.S.

Elastic properties of potassium-sodium feldspars. Izv. AN SSSR. Fiz. zem. no.1:98-102 '65.

(MIRA 18:5)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.

RYZHOVA, T.V.

Elastic properties of plagioclases. Izv. AN SSSR. Ser. geofiz. no.7:1049-1051 Jl '64. (MIRA 17:7)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.

ALEKSANDROV, K.S.; RYZHOVA, T.V.

Internal conical refraction of elastic waves in ammonium dihydrophosphate. Kristallografiia 9 no.3:373-376 My-Je '64. (MIRA 17:6)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR.

ALEKSANDROV, K.S.; RYZHOVA, T.V.

Elastic properties of rock-forming minerals; pyroxenes and amphiboles. Izv. AN SSSR. Ser. geofiz. no.9:1339-1344 S '61. (MIRA 14:9)

1. Akademiya nauk SSSR, Sibirskoye otdeleniye, Institut fiziki. (Pyroxenes) (Amphiboles) (Elasticity)

ALEKSANDROV, K.S.; RYZHOVA, T.V.

Elastic properties of crystals. Kristallografiia 6 no.2:289-316 Mr-Ap '61. (MIRA 14:9)

1. Institut kristallografii AN SSSR.
(Elasticity) (Crystals)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

L 40027-66 EWT(1) GW

ACC NR: AP6004990 SOURCE CODE: UR/0011/66/000/002/0003/0019

54

35 B

AUTHOR: Aleksandrov, K. S.; Belikov, B. P.; Ryzhova, T. V.

ORG: Institute of Physics, SO AN SSSR, Krasnoyarsk (Institut fiziki SO AN SSSR); IGEM AN SSSR, Moscow

TITLE: Calculation of elastic parameters of rocks on the basis of mineral composition

SOURCE: AN SSSR. Izvestiya. Seriya geologicheskaya, no. 2, 1966, 3-19

TOPIC TAGS: elastic modulus, propagation velocity, porosity, multiphase rock, MINERAL, MINERALOGY

ABSTRACT: Elastic moduli of rocks with uniphase and multiphase were investigated on the basis of quantitative evaluation of their composition. The data were compared with the experimental values obtained from some selected rocks. Because the errors in the determination of the elastic properties of minerals usually range from 3 to 10%, the Voigt-Reuss-Hill method, described in detail by Belikov (1964), was employed for studying uniphase rocks; it was assumed that a multicomponent aggregate is elastically isotropic. A formula

$$\frac{1}{A'} = \sum_i \frac{V_i}{A_i},$$

was used for the evaluation of the mean elastic modulus (A') of an aggregate, where V_i is the specific volume of i component and A_i is the elastic modulus of i mixture component. Some experimental values of the elastic properties were obtained using the

UDC: 552.12 + 549.1

Card 1/3

velocities of propagation of transversal and longitudinal waves in selected specimens at zero pressure. Assuming that the elastic properties of rocks are determined mainly by the elastic properties of their components, (with porosity and structure playing an insignificant role) the elastic moduli of multiphase rocks collected in various parts of the Soviet Union were determined using a method developed by Aleksandrov and Nosikov (1956). The data were compared with the values obtained from the velocities of propagation of elastic waves in selected rock specimens. The data show that for the uniphase rocks, the deviations of the experimental values from the calculated ones generally do not exceed 5%, and the mean square deviations are 3.12% and 5.30% for the longitudinal and transversal waves, respectively; however, the elastic moduli have somewhat larger mean deviations from the calculated values in comparison to the velocities of propagation of elastic waves. In general, if there is no great degree of porosity, the elastic properties of these minerals can be well evaluated with the application of the Voigt-Reuss-Hill method. The study of the multiphase minerals shows that the velocities of propagation of elastic waves agree well with the experimental data and do not deviate more than 5%, even for the porous rocks. The computed elastic moduli of the multiphase rocks do not deviate more than 6-7% from their experimental values. The authors thank their colleagues -- V. M. Korobkova at the Institute of Physics and I. A. Gartman, L. P. Solodova, Ye. A. Sanina and Z. G. Khaustova at IGYeM, for assistance in carrying out the work. The authors also thank personnel of the mineralogical museums of the AN SSSR, MGRI, Leningrad Mining Institute and L'vov University for providing the mineral specimens. Acknowledgement is also

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

L 40027-66

ACC NR: AP6004990

10

extended to Yu. K. Andreyeva, G. D. Afanas'yev, I. V. Ginzburg, V. I. Gon'shakova, V. A. Kononova, L. M. Lebedev, A. S. Marfunin, V. F. Morkovkin, V. G. and N. G. Udovkina. Orig. art. has: 3 formulas and 8 tables.

SUB CODE: 08/ SUBM DATE: 08Jun65/ ORIG REF: 017/ OTH REF: 029

Card 3/3

AIEKSANDROV, K.S.; RYZHOVA, T.V.

Elastic properties of rock-forming minerals. Izv. AN SSSR. Ser. geofiz. no.2:186-189 F '62. (MIRA 15:2)

1. Sibirskoye otdeleniye AN SSSR, Institut fiziki.
(Feldspar)
(Elasticity)

ALEKSANDROV, K.S.; RYZHOVA, T.V.

Modulus of elasticity of pyrite. Izv.Sib.otd.AN SSSR no.6:43-47 '61. (MIRA 14:6)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR, Krasnoyarsk.
(Pyrite) (Elasticity)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

6-58-2-5/21

AUTHOR: Ryzhova, V. A., Candidate of Technical Sciences

TITLE: Determination of the Coordinates of Topographic Points on Terrestrial Photographs by Means of the Axonometric Method (Opredeleniye koordinat tochek mestnosti po nazemnym snimkam metodom aksonometrii)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 2, pp. 18 - 23 (USSR)

ABSTRACT: The axonometric method consists in the following: The photographed area is transferred into a rectangular coordinate system which is closely connected with the object to be photographed. Therefore, this rectangular coordinate system must be obtained on the photographs. If the coordinate system O X Y Z is chosen in the space the reproduction of the axonometric system $O_1X_1Y_1Z_1$ is obtained on the left photograph and $O_2X_2Y_2Z_2$ is obtained on the right. On the other side a three dimensional coordinate system corresponds to the axonometric coordinate system $O_1X_1Y_1Z_1$ and $O_2X_2Y_2Z_2$ chosen on the left and the right photograph. A detailed description of

Card 1/2

Determination of the Coordinates of Topographic Points on Terrestrial Photographs by Means of the Axonometric Method

the determination of such coordinates follows. Thus, if 2 photographs of the same objects which was photographed from both ends of the basis, are available an axonometric representation of these photographs can be carried out. This makes it possible to determine the axonometric coordinates of any point. Finally the scale M of the axonometric units is determined. There are 5 figures,

1. Conformal mapping 2. Photographic analysis—Equipment
3. Mathematics

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

RYZHOVA, V.A., kand.tekhn.nauk

Axonometric method for determining terrain point coordinates based on terrestrial photogrammetric pictures. Geod. i kart. no.2:18-23 F '58. (MIRA 11:4)
(Photogrammetric pictures) (Triangulation)

RYZHOVA, APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

Photogrammetry

Dissertation: "Method of Central Axonometry and Its Application in Photogrammetry." Cand Tech Sci, Moscow Order of Lenin Aviation Inst imeni Sergo Ordzhonikidze, 22 Mar 54. (Verchernyaya Moskva Moscow, 9 Mar 54)

SO: SUM 213, 20 Sep 1954

KARVETSKIY, A.V.; SIGEL', M.G.; KULICHKIN, A.V.; DEMIN, A.M.; RYZHOVA, V.K.; FEDER, R.M.; MAKAROVA, T.L.; MEYER, R.A.; STEPANOVA, V.P.; SKURATOV, A.D., red.; KHAUSTOVA, A.K., tekhn. red.

[Economy of Ul'ianovsk Province; statistical collection] Narodnoe khoziaistvo Ul'ianovskoi oblasti; statisticheskii sbornik. Ul'ianovsk, 1961. 271 p. (MIRA 15:5)

1. Ulyanovsk (Province) Statisticheskoye upravleniye. 2. Nachal'nik Statisticheskogo Upravleniya Ul'yanovskoy oblasti (for Skuratov). (Ul'ianovsk Province—Statistics)

SKURATOV, A.D., red.. V redaktirovanii prinimali uchastiye: SHKATOV, K.K.; FEDOROVA, M.A.; OVCHINNIKOV, A.I.; SIZOVA, A.I.; SIGEL', M.G.; KARVETSKIY, A.V.; KULICHKIN, A.V.; NIKOLAYEVA, Z.A.; STEPANOVA, V.P.; RYZHOVA, V.K.; MUZHIKOVA, V.N.. YEREMIN, N.I., red.; KHAKHAM, Ya.M., tekhn.red.

[Economy of Ul'yanovsk Province; a concise statistical manual] Narodnoe khoziaistvo Ul'ianovskoi oblasti; kratkii statisticheskii sbornik. Ul'ianovskoe knizhnoe izd-vo. 1958. 199 p. (MIRA 12:3)

1. Ulyanovsk (Province). Oblastnoye statisticheskoye upravleniye. 2. Nachal'nik Statisticheskogo upravleniya Ul'yanovskoy oblasti (for Skuratov).

(Ul'yanovsk Province--Statistics)

USHAKOVA, K.N., starshiy nauchnyy sotrudnik, kand.tekhn.nauk; SERGEYEVA, T. F., inzh.; RYZHOVA, V.N., inzh.; BACHUKINA, F.F.

Processing of acetate filaments treated with various oils. Tekst. prom. 24 no.1:15-19 Ja '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstevennogo volokna (VNIIV) (for Ushakova, Sergeyeva). 2. Nauchno-issledovatel'skaya laboratoriya fabriki imeni Dzerzhinskogo (for Ryzhova). 3. Zaveduyushchiy tsentral'noy laboratoriyey Naro-Fominskoy pryadil'no-tkatskoy fabriki (for Bachukina).

IVANOV, M.V.; RYZHOVA, V.N.

Microbiological investigations of the sulfur beds of the Carpathian Mountain region. Part 4: Investigation of the conditions of vital activity of sulfate-reducing bacteria in the subsoil waters of Rozdol. Mikrobiologiia 30 no.2:280-285 Mr-Ap '61. (MIRA 14:6)

1. Institut mikrobiologii AN SSSR.
(CARPATHIAN MOUNTAIN REGION--BACTERIA, SULFUR)

RYZHOVA, V.N.; IVANOV, M.V.

Microbiological investigations of sulfur deposits in the Carpathian Mountain region. Report No. 6: Utilization of dispersed organic matter of sedimentary rocks in sulfate reduction. Mikrobiologiia 30 no.6:1075-1079 N-D '61. (MIRA 14:12)

1. Institut mikrobiologii AN SSSR.
(ROZDOL--MINERAL WATERS, SULFUROUS--MICROBIOLOGY)

NEVEL'SON, M.I.; NIKITIN, A.I.; YANISHEVSKIY, V.V.; BOYKO, G.G.; KUZNETSOV, N.I.; BULANOVA, I.A.; GORSHKOV, V.I.; KATSMAN, I.A.; KUKAYEVA, YE.V.; RYZHOVA, V.V.; TUROBOVA, V.I.; CHEREDEYEVA, Ye.M.; KOSHELKIN, M.V.

Development of highly efficient ventilator models ORGRES operating according to a 0.68-161° system for electric power plants. Prom. energ. 18 no.7:8-9 Jl '63. (MIRA 16:9)
(Electric power plants—Electric equipment)
(Fans, Electric)

[redacted]O.A.; SOSNOVSKIY, G.N.; RYZHOVA, V.V.; TARASOVA, R.S.

Use of activated coal for the purification of cadmium electrolyte from impurities. TSvet.met. 34 no.9:51-56 S '61. (MIRA 14:10)

1. Altayskiy gorno-metallurgicheskiy institut AN KazSSR (for Khan, Sosnovskiy). 2. Leninogorskiy polimetallicheskiy kombinat (for Ryzhova, Tarasova).
(Cadmium--Electrometallurgy)

USHAKOVA, K.N., starshiy nauchnyy sotrudnik; POPOVA, A.V., mladshiy nauchnyy sotrudnik; KUZ'MINA, G.P.; NIKOLAYEVA, Z.V., maldshiy nauchnyy sotrudnik; KATSENELENBOGEN, A.M.; RYZHOVA, V.N., inzh.

Industrial processing of 90 Tm acetate silk in the knit goods industry. Tekst. prom. 24 no.9:35-38 S '64.
(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna (for Ushakova, Popova). 2. Rukovoditel' syr'yevoy gruppy Vsesoyuznogo nauchno-issledovatel'skogo instituta trikotazhnoy promyshlennosti (for Kuz'mina). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut trikotazhnoy promyshlennosti (for Nikolayeva). 4. Rukovoditel' syr'yevov gruppy Nauchno-issledovatel'skoy laboratorii trikotazhnoy fabriki im. Dzerzhinskogo (for Katsenelenbogen). 5. Nauchno-issledovatel'skaya laboratoriya trikotazhnoy fabriki im. Dzerzhinskogo (for Ryzhova).

SOV/112-59-5-8517

8(6)

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 5, p 16 (USSR)

AUTHOR: Ryzhova, V. V.

TITLE: Generalization of the Results of Testing Gas-Air Channels

PERIODICAL: V sb.: Kotel'no-vspomogat. oborud. elektr. st. M., 1957, pp 168-185

ABSTRACT: Tests of the Podol'sk Plant boilers PK-14, 230 ton/hr, PK-19, 120 ton/hr, and 67-SP (once-through), 230 ton/hr, and the Taganrog-Plant TP-230 and TP-170 boilers have shown that four of the above boilers have about equal gas velocities in the boiler-tube bank, economizer, heater and flue entrance, while the velocities in the TP-230 boiler are much higher because of an unfortunate design of its cyclones. The velocities used in the air channel are different for all five boilers. The tests were conducted at nearly rated steam generation; however, as the temperatures and velocities were different, the estimated resistances of various elements of the channel were used; they were

Card 1/2

Generalization of the Results of Testing the Gas-Air Channels

obtained from the tests and subsequently reduced to proper terms. Data tabulated for all boilers shows that the overall gas resistance is excessive only for TP-230-2 because this boiler has an unsatisfactory design of gas passes, insufficient cross-section of the flue, and inadequate layout of ash collection. The overall resistance of the air channel is nearly equal in all boilers. The specific energy consumption by induced draft is 1.5-2.7 kwh/ton for four boilers and 5.35 kwh/ton for the TP-230-2 boiler. The specific energy consumption by forced draft is 3 kwh/ton for TP-230-2, 2.7 kwh/ton for the once-through boiler, and 1.4-1.7 kwh/ton for the other boilers. In addition to the actual boiler tests, air-channel models were tested. These tests showed that the gas channel of the TP-230-2 boiler requires remodeling and that the boiler cannot operate normally on wet coals. As a result of actual and model tests, certain general alterations in the layout and construction of the air-channel elements are recommended.

B.P.Z.

GANSHTAK, V.I., kand.ekonom.nauk, dotsent; ZAKORYUKINA, L.I., inzh.; RYZHOVA, V.V., inzh.

Main problems in the economics of the auxiliary workshops of machinery manufacturing enterprises. Trudy Ural. politekh. inst. no.120: 62-75 '61. (MIRA 16:6)
(Sverdlovsk Province--Machinery industry--Management)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2

RYZHOVA, V. V. (Engr.) and RICHTER, A. A. (Cand. Tech. Sci.)

"Resistance of Gas and Air Ducts in Boiler Installations and Mehtods of Regulating the Output of Draught Fans."

A Scientific-Technical Conference on Auxiliary Equipment for Power Station Boiler Houses. Moscow, 17 - 20 Dec 1957.

Teploenergetika, 1958, No. 4, pp. 90-91 (USSR)

RYZHOVA, Ye.I.

Self-refrigeration in a vacuum. Trudy LTIKHP 10:109-112 '56.
(MLRA 10:6)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.
(Refrigeration and refrigerating machinery)

RYZHOVA, Ye.I.

Rate of crystallization of supercooled water in the freezing of by-products under vacuum. Trudy MTIPP 15:67-70 '60. (MIRA 16:2)

(Crystallization) (Food, Frozen)

RYZHOVA, Ye.I., kandidat tekhnicheskikh nauk.

Studying the process of freezing and drying in a vacuum. Trudy MTIPP no.6:135-146 '56. (MLRA 10:3)
(Drying) (Refrigeration and refrigerating machinery)

RYZHOVA, Z. A.

USSR/Chemical Technology. Chemical Products and Their Application -- Treatment of solid mineral fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5444

Author: Kukharenko, T. A., Ryzhova, Z. A.

Institution: Laboratory of Coal Geology, Academy of Sciences USSR

Title: Investigation of Changes in Composition of the Organic Mass of Mineral Coal During the Process of Its Erosion

Original Publication: Tr. Labor. geol. uglya AN SSSR, 1956, No 6, 183-188

Abstract: Investigated were changes in composition of the organic mass of lustrous coal (PZh grades containing 90-92% vitrain) during erosion. As erosion progresses there are observed a sharp decrease in sintering capacity of the coal and its complete elimination prior to the formation of humic acids (HA). HA of eroded coal, as compared with HA of brown coal, are characterized by a lower content in H, higher optical density and a lower value of coagulation threshold; at the same time their x-ray photographs resemble those of not eroded coal.

Card 1/2

KUKHARENKO, T.A.; MYZHOVA, Z.A.; BABINKOVA, N.I.

Method for the differentiation of brown coals from weathered coals. Trudy IGI 8:163-171 '59. (MIRA 13:1)
(Coal--Classification) (Lignite)

RYZHOVA, Z.A.

Oxidative destruction of bituminous coal by the action of hydrogen peroxide under different conditions. Trudy IGI 12:15-23 '61. (MIRA 14:3)

(Coal) (Hydrogen peroxide) (Humic acids)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2

✓ 4295. INVESTIGATION OF CHANGES IN COMPOSITION OF THE ORGANIC MATTER IN COALS IN THE PROCESS OF WEATHERING. Kukharenko, T.A. and Ryzhova, Z.A. (Pap. to 2nd Coal Geol. Conf., Leningrad, 1955; Trud. Lab. Geol. Uglya [Proc. Lab. Geol. Coal, Acad. Sci. U.S.S.R.], 1956, (6), 183-188). Experiments are recorded which point to the process occurring in three stages: first an increase in active oxygen groups and formation of "potential" humic acids, without breakage of bonds within the macromolecules of coal; second, the appearance and accumulation of humic acids, accompanied by some change in their composition and properties; and third, a decrease in the concentration of humic acids, which then have a less condensed structure. (L).

2

KUKHARENKO, T.A.; RYZHOVA, Z.A.

Study of changes in the composition of an organic coal mass subjected to weathering. Trudy Lab.geol.ugl. no.6:183-188 '56. (MLRA 10:2)

1. Institut goryuchikh iskopayemykh Akademii nauk SSSR.
(Coal--Analysis)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2

Certain aspects of weathering of coal in relation to its petrographic composition. T. A. Kukharenko and Z. A. Ryzhova. *Khim. i. Tekhnol. Topliva* 1956, No. 4, 20–30.—Effects of natural oxidation on the chemical properties of coals from various mines of U.S.S.R. were studied with latest scientific methods. From the analysis of comprehensive data three stages of weathering were assigned, depending on the intensity of oxidation and the properties of coal. In the initial stage, oxygen reacts with coal forming a bridge between the macromolecules, thus creating "potential" humic acids, the concn. of which gradually increases. Subsequent oxidation brings about an intensive formation of humic acids and a decrease in the content of hydrocarbon and H. The last stage consists of the decompn. of acids and condensation of aromatic nuclei. The decrease in the concn. of the acids is accompanied by the formation of gaseous and water-sol. products. As a result of this work a method was developed for the identification and sepn. of brown coal from weathered coal by means of coagulation of their alk. exts. (cf. *Second Conf. Coal-Geol. Sect. Acad. Sci. U.S.S.R.* 1955, 96 pp.) Another practical conclusion of the work was the manufg. of humic acids from coals rendered economically useless by weathering. Petrographic compn. of coal had a definite effect on its oxidation. Thus, vitrain under natural conditions is more easily oxidizable than fusain. 26 references. A. P. Kotloby

KUKHARENKO, T.A.; RYZHOVA, Z.A.

Coal weathering characteristics in connection with the petrographic composition. Khim.i tekh.topl.no.4:20-30 Ap '56. (MLRA 9:9)
(Coal weathering)

KUKHARENKO, T.A.; RYZHOVA, Z.A.

Weathering of coals in varying stages of metamorphism. Trudy IGI 14:44-57 '60. (MIRA 13:12)

(Coal weathering)

RYZHOVA, Z.A.

Distinction between highly decarbonized lignite and low-metamorphozed and weakly weathered coal. Trudy IGI 14:73-79 '60. (MIRA 13:12)
(Lignite--Testing) (Coal--Testing)

RYZHOVA, Z. A.

RYZHOVA, Z. A.: "Investigation of changes in the state and properties of an organic mass of black coal during the process of drilling in it". Moscow, 1955. Acad Sci USSR. Inst of Mineral Fuels. (Dissertations for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

SITKOVSKIY, I.P., inzh.; RYZHOVA, Z.A., kand. tekhn. nauk

Plastic locomotive parts. Trudy TSNII NPS no.242:102-111 '62. (MIRA 16:6)

(Plastics) (Locomotives)

VEDENKIN, Sergey Grigor'yevich, prof.; VINITSKIY, Lazar' Yefimovich kand. tekhn. nauk; LUK'YANCHIKOV, Ivan Kuz'mich, inzh.; RYZHOVA, Zinaida Alekseyevna, kand. tekhn. nauk; SITKOVSKIY, Il'ya Pavlovich, inzh.; BRATCHIK, Ye.I., red.

[Polymers in railroad transportation] Polimery zheleznodorozhnomu transportu. [By] S.G.Vedenkin i dr. Moskva, Transport, 1964. 91 p. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta, otdeleniye polimerov (for Ryzhova). 2. Glavnyy konstruktor Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Sitkovskiy). 3. Rukovoditel' otdeleniya polimerov Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Luk'yanchikov). 4. Rukovoditel' laboratorii korrozii otdeleniya ispytaniya materialov i konstruktsiy Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Vedenkin). 5. Rukovoditel' laboratorii reziny otdeleniya polimerov Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta (for Vinitskiy).

RYZHOVA, -ZENINA, A.P.

Salmonellosis in small children. Pediatriia no.4:26-30 Ap '57.
(MIRA 10:10)

1. Iz kafedry detskikh infektsiy (zav. - dotsent A.P.Ryzhova-Zenina) Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova (dir. - dotsent N.N.Miznov) Infektsionnoy bol'nitsy No.8 (glavnyy vrach Ye.I.Temperamentova)
(SALMONELLA)

RYZHOVA-ZENINA, A.P.; TEMPERAMENTOVA, Ye.I.

Simultaneous work of the medical school department and hospital in the training of physicians. Sov.zdrav. 16 no.4:35-39 Ap '57. (MIRA 10:8)

1. Iz kafedry detskikh infektsionnykh bolezney (zav. - dotsent A.P.Ryzhova-Zenina) Gor'kovskogo meditsinskogo instituta imeni S.M.Kirova (dir. - dotsent N.N.Mizinov) i Infektsionnoy bol'nitsy No.8 (glavnyy vrach Ye.I.Temperamentova)

(EDUCATION, MEDICAL,
in Russia, cooperation of schools with hosp. (Rus))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

80123

S/141/59/002/06/004/024
E032/E314

9.9000

AUTHOR: Ryzhsov, Yu.A.

TITLE: The Hamilton Method in the Electrodynamics of Anisotropic Absorbing Media

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, 1959, Vol 2, Nr 6, pp 869 - 875 (USSR)

ABSTRACT: Ginzburg (Ref 1) has developed a general method for finding the fields due to point sources in anisotropic media, which has been given the name of the "Hamilton method". The method is very convenient in the solution of a number of problems. Kolomenskiy (Ref 2) has extended the Hamilton method to the case of a gyrotropic medium. The present paper is concerned with the extension of the Hamilton method to the case where absorption is present. The field equations for point sources, taking into account conduction currents, are of the form given by Eqs (1) and (2), in which the magnetic permeability is assumed to be unity and the subscript 'k' refers to the k-th point source. For simplicity, it is assumed that the principal axes of the dielectric constant ε_{ik} and conductivity σ_{ik} tensors coincide.

Card1/4

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

The Hamilton Method in the Electrodynamics of Anisotropic Absorbing Media

Dispersion is taken into account by assuming that the latter two quantities are functions of frequency. The relation between the electrical vectors is given by Eq (3), which can be rewritten in the form given by Eq (3a) if the principal axes of the tensors coincide. The quantities $\hat{\varepsilon}_\alpha$ and $\hat{\sigma}_\alpha$ are the principal values of the tensors $\hat{\varepsilon}_{ik}$ and $\hat{\sigma}_{ik}$, which are operators acting on the components of the electric field as functions of time. If the time dependence of the electric field is of the form $e^{i\omega t}$, the effect of the operators $\hat{\varepsilon}_{ik}$ and $\hat{\sigma}_{ik}$ is to multiply the field by the dielectric constant or the conductivity at the given frequency ω. From the continuity equation given by Eq (4), the charge density can be shown to be given by Eq (5), in which ρ_o can be put equal to 0 if only the charge associated with the conduction current j is taken into account. The field equations are then rewritten in the more conventional

The Hamilton Method in the Electrodynamics of Anisotropic Absorbing Media

form given by Eq (1a), in which the appropriate operators are defined by Eq (6). The potentials are then defined in the usual way (Eq 7) and, as in Ref 1, div $\underline{A} = 0$; the latter condition in the case of an anisotropic absorbing medium is generalised to the form given by Eq (8). Eq (1a) can be rewritten in terms of potentials in the form given by Eq (12) and the purpose of the present paper is to find the solution of this equation. The solution is sought in the form of a Fourier series, assuming that the field is periodic and the expansion can be written down in the form of Eqs (13) and (14). The final section of the paper is concerned with the calculation of the field of an electron due to a dipole in an isotropic absorbing medium. There are 6 Soviet references, one being a translation from German and one from English.

80123

S/141/59/002/06/004/024
E032/E314

The Hamilton Method in the Electrodynamics of Anisotropic Absorbing Media

ASSOCIATION: Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete (Scientific-research Radiophysics Institute of Gor'kiy University)

SUBMITTED: July 15, 1959

4

Card 4/4

RYZHUK, T.I.; BELYAYEVA, N.S.

Material on fleas living in houses and on house rodents and domestic animals in the Amur River region. Tez.i dokl.konf.Irk.gos.nauch.-issl.protivochum.inst. no.1:35-36 '55. (MIRA 11:3)
(AMUR VALLEY--FLEAS) (HOUSEHOLD PESTS)

RYZHUK, T.I.; BELYAYEVA, N.S.

Materials on the fleas of populated areas along the middle course of the Amur River. Izv.Irk.gos.nauch.-issl.protivochum. inst. 16:208-216 '57. (MIRA 13:7)
(AMUR RIVER--FLEAS)

ZHOVTYY, I.F.; YEMEL'YANOVA, N.D.; FEDOROVA, L.V. [deceased]; RYZHUK, T.I.; LEONOV, Yu.A.; SUCHEVSKIY, P.T.; MOSKALENKO, V.V.; KOZLOVSKAYA, O.L.; DEMIDOVA, A.A. [deceased]; ANIKEYEV, I.K.; CHIPIZUBOVA, P.A.; PROLIP'YEV, V.N.

Materials for a study of the trombiculid mites of Siberia and the Far East. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16: 156-172 '57. (MIRA 13:7)

(SIBERIA, EASTERN--MITES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001446530006-2"

CZAPLINSKI, Bogdan; RYZIKOV, Konstantin M. [Ryzhikov, Konstantin M.]

New data on Parabisaccanthes philactes (Schiller, 1951) Spassky et Reznik, 1963 (Cestode, Hymenolepididae) from Poland and the Lena Delta. Acta parasit Pol 12 no.30/39:363-371 '64.

1. Department of Biology of the School of Medicine, Warsaw (for Czaplinski). 2. Helminthological Laboratory of the Academy of Sciences of the U.S.S.R., Moscow (for Ryzikov).

YEGOROVA, Tat'yana Mikhaylovna; KANIVETS, M.A., retsenzent; RYZHYKH, I.I., starshego prepod., retsenzent; STEPANOV, S.P., assistent, retsenzent; GENDEL'MAN, M.A., prof., retsenzent; GENDEL'MAN, A.M., kand. ekon. nauk, retsenzent; KUROPATENKO, F.K., prof., retsenzent; KONTOROVICH, I.A., starshiy prep., retsenzent; YEROFEYENKO, A.G., assisten, retsenzent; DAVYDOV, G.P., red.; SHAMAROVA, T.A., red. izd-va; SUNGUROV, V.S., tekhn. red.

[Topographical drawing]Topograficheskoe cherchenie. Moskva, Geodezizdat, 1961. 158 p. (MIRA 15:8)

1. Zaveduyushchiy kafedroy geodezii Omskogo sel'skokhozyaystvennogo instituta (for Kanivets). 2. Zaveduyushchky kafedroy zamleustroystva TSelinogradskogo sel'skokhozyaystvennogo instituta (for Gendel'man, M.A.). 3. Zaveduyushchiy kafedroy zemleproyektirovaniya i planirovki sel'skikh zaselennykh mest Belorusskoy sel'skokhozyaystvennoy akademii (for Kuropatenko).
(Topographical drawing)

(1)

POLAND

CZAPLINSKI, Bogdan; RYZIKOV, Konstantin M.

1. Dept. of Parasitology, Polish Academy of Sciences, Warsaw (for Czaplinski); 2. Dept. of Biology, Warsaw Medical Academy (Katedra Biologii Akademii Medycznej, Warszawa) (for Czaplinski); 3. Gelmintological Laboratory, USSR Academy of Sciences (Gelmintologicheskaia Laboratoria Akademii Nauk SSSR), Moscow (for Ryzikov)

Warsaw, Acta Parasitologica Polonica, Fasc. 12, 31 Mar 1966, pp 113-119

"Gastrotaenia paracygni sp. n. (Hymenolepididae), a new cestode of Cygnus olor and C. cygnus."

LASTOCHKIN, D., RYZIN, V.

Concrete Construction

Building with "filled" concrete blocks. Sel'. stroi. no. 3(44) 1952.

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

RYZKA, S. Professor

P/002/61/000/002/001/001
D/001/D101

AUTHOR: Iwanowska, Wilhelmina, Corresponding Member of PAS

TITLE: Radio astronomy. Problems and developmental outlooks in Poland

PERIODICAL: Nauka Polska, no. 2, 1961, 17-26

TEXT: The article presents a general account of radio astronomy and its problems and mentions briefly radio astronomical research in Poland. The two Polish radio astronomical centers are located in Kraków and Toruń. A 5 m parabolic antenna built in 1954 and a 37 cm wavelength receiver built at a later date became operative at the Kraków center in 1957. The equipment is used for solar observation. The Toruń group of radio astronomers was originally headed by Master Engineer Grzesiak and since 1958 by Master S. Gorgolewski. The group received support from Professor S. Manczarski and from Professor J. Groszkowski's and Professor S. Ryżka's departments of the Politechnika Warszawska (Warsaw Polytechnic Institute) in the form of

Card 1/2

scientific advice, equipment and funds. The Toruń center built a cylindrico-parabolic antenna measuring 26 x 12 m, a rotary parabolic antenna 12 m in diameter and several receivers for the 2.37 m wavelength (127 mc). Systematic observation of the sun started in November 1958. Master Gorgolewski spent 18 months at the radio astronomical observatory of Cambridge University in England under Professor Ryle, and wrote a doctor's thesis. He was the first in Poland to acquire a doctor's degree in radio astronomy.