

MIROENKO, N.M.; VEYTSMAN, M.I., kand.tekhn.nauk; KOLYSHEY, V.I., inzh.;
MISATOV, A.I., inzh.

Automation of an asphalt concrete plant. Avt.dor. 24 no.6:17-19
Je '61. (MIRA 14:7)

1. Glavnyy inzh. Upravleniya stroitel'stva No.4 (for Mironenko).
(Asphalt concrete) (Concrete plants)

KOLYSHEV, V. I.; SHCHERRA, N. V.; MARTYNOV, N. V., red.; GALAKTIONOVA,
Ye. N., tekhn. red.

[Manual for foremen of asphalt-concrete plants] Posobie
dlia mastera asfal'tobetonnoho zavoda. Moskva, Dorizdat,
1952. 100 p. (MIRA 16:8)

(Asphalt concrete)

ARTYUKHOVA, N.N.; BREMER, L.F.; GRIGORENKO, A.S.; IPATOVA, M.S.;
KARBY SHEVA, T.D.; KOZLOV, V.M. · KOLYSHEVA, L.I.;
KUCHUMOVA, N.A.; MAKAROVA, M.Ye.; PUCHKOVA, N.A.;
SEKIRINA, Ye.T.; SOKOLOVA, T.S.; STATIYEVA, V.F.;
TYUNYAYEVA, V.V.; KHRAMTSOVA, A.A.; CHURAYEVA, V.V.;
FOKIN, D.F., red.

[Foreign trade of the U.S.S.R. for 1959-1963; a statistical
abstract] Vneshniaia torgovlia Soiuza SSR za 1959-1963 go-
dy; statisticheskiy sbornik. Moskva, Vneshtorgizdat, 1965.
483 p. (MIRA 18:7)

1. Russia (1923- U.S.S.R.) Ministerstvo vneshney torgovli.
Planovo-ekonomicheskoye upravleniye. 2. Nachal'nik Planovo-
ekonomicheskogo upravleniya Ministerstva vneshney torgovli
SSSR (for Fokin).

K. Kolyskin, A.A.
KOLYSHKIN, A.A.

Justification of one of the oldest textile technical schools. Tekst.
prom. 18 no.1:57-58 Ja '58. (MIRA 11:2)

1. Direktor Kineshenskogo tekstil'nogo tekhnikuma.
(Kineshna--Textile schools)

KOLYSHKIN, B., polkovnik

Excellent knowledge and skillful use of equipment and weapons, the patriotic duty of Soviet soldiers, the most important condition of victory in modern combat. Komm. Vooruzh. Sil 5 no.21:77-81 N 164.
(MIRA 17:12)

KULIYEV, A.I.M.; KOLYSHKIN, D.A.; LYUBCHENKO, N.G.; ALEKPEROV, G.Z.;
GRIGORYAN, E.V.; ABDULLAYEVA, S.M.

Studying the strength of highly activated coals. Azerb. neft.
khoz. 41 no.12:37-38 D '62. (MIRA 16:7)

(Coal--Testing)
(Gases--Absorption and adsorption)

KOLYSHKIN, I., kontr-admiral zapasa, Geroy Sovetskogo Soyuza

Responsibility, duty, honor. Voen.-znan. 41 no.12:10-11
D '65. (MIRA 18:12)

KOLYSHKIN, I., shturman dal'nego plavaniya

Improve the equipment of navigating houses on merchant ships.

Mor. flot 23 no.11:35-37 N '63.

(MIRA 16:12)

KOLYSHKIN, I.A., Geory Sovetskogo Soyuz, kontr-admiral v otstavke

Salvos over the harbor. Mor. sbor. 47 no.7:26-27 J1 '64.

(MIRA 18:7)

KOLYBKHIN, I.M., inzh.

Some data on the "Rocket" motorship equipped with underwater wings
and results of its operations. Sudostroenie 24 no.4:1-4 Ap '58.
(Motorships) (MIRA 11:4)

KOLYSHKIN, N.A.
KOLYSHKIN, N.A., inzhener; SPIVAKOV, M.S., inzhener.

Equipment used in manufacturing wire-reinforced concrete panels.
Bul.tekh.inform. 3 no.9:4-6 S '57. (MIRA 10:11)
(Prestressed concrete)

IVANOV, A.K., inzh.; KOLYSHKIN, N.A., inzh.

Master form for making thin-walled reinforced concrete flooring slabs.
Bul.tekh.inform. 4 no.10:20-21 0 '58. (MIRA 11:11)
(Concrete construction--Formwork)

KOLYSHKIN, N.A.; SPIVAKOV, M.S.; BODROV, G.D., kand.tekhn.nauk, nauchnyy
red.; KAPLAN, M.Ya., red.izd-va; VORONETSAYA, L.V., tekhn.red.

[Equipment for making prestressed reinforced concrete] Oborudo-
vanie dlia izgotovleniia predvaritel'no napriazhennogo zhelezo-
betona. Leningrad, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.
materialam, 1959. 183 p. (MIRA 12:11)
(Prestressed concrete)

KOLYSHKIN, Nikolay Aleksandrovich; KABIN, Konstantin Vasil'yevich;
KARMISHENSKIY, A.N., red.

[Preparation of seven-strand reinforcement wire at plants
of the Main Administration for Construction in the Western
Regions] Izgotovlenie semiprovolochnykh armaturnykh pri-
dei na ustanovke Glavzapstroia. Leningrad, 1964. 19 p.
(MIRA 17:9)

KOLYSHKIN, O.M.

Air preheater installation of a small boiler unit. Ugol' 29
no.2:43 F '54. (MLRA 7:1)
(Steam boilers)

KOLYSHKIN, I.M.
IVANTSOV, V.V., gornyy inzhener-elektromekhanik; KHANOV, F.F., starshiy na-
uchnyy sotrudnik; BABAK, G.A., mladshiy nauchnyy sotrudnik; ~~KOLYSH-~~
~~KIN, I.M.~~, aspirant; IVANOV, G.V., kandidat tekhnicheskikh nauk;
ZHUMAKHOV, I.M., dotsent.

Ways of improving pumping installations and main ventilation fans
for the mining industry; discussion of I.M. Zhumakhov's article.
Gor.zhur. no.12:36-40 D '56. (MIRA 10:1)

1. Unipromed (for Ivantsov). 2. Vsesoyuznyy ugol'nyy institut (for
Khanov and Kolyshkin) 3. Institut gornogo dela Akademii nauk USSR
(for Babak) 4. Molotovskiy gornyy institut (for Ivanov) 5. Moskovskiy
gornyy institut (for Zhumakhov).
(Mine pumps) (Mine ventilation)

BELYAYEV, V.S.; BORISENKO, L.D.; BORISENKO, E.V.; KORABLEV, A.A.;
KOLYSHKIN, O.M.; KUTLUBIN, V.A.; MALYAGIN, M.S.; SOKOLOV, A.I.;
CHUDAKOV, A.I.; ABRAMOV, V.I., otv.red.izd-va; BOLDYREVA, Z.A.,
tekhn.red.

[Manual for the coal mine mechanic] Spravochnik mekhanika
ugol'noi shakhty. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
gornomu delu, 1960. 612 p. (MIRA 13:12)
(Coal mining machinery)

KOLYSHKIN, O. M., Cand Tech Sci -- (diss) "Research into operating conditions of mining ventilation assemblies of main ventilation." Moscow, 1960. 14 pp; (Academy of Sciences USSR, Inst of Mining Affairs); 180 copies; price not given; (KL, 25-60, 132)

ZAMYATNIN, I. S., inzh.; KARNYSHEV, A. D., inzh.; KOLYSHKIN, O. M.,
kand. tekhn. nauk

Study of coal mining with a USB-1 high-speed plow in Voikov Mine
No. 1-2 in the Donets Basin. Mekh. i avtom. v gornoj prom. no.2:
69-95 '62. (MIRA 16:1)

(Donets Basin--Coal mining machinery)

KOLYSHKIN, O.M.; KOTLYARSKIY, A.I.; MEL'NIKOV, S.S.; MOREV, A.I.

Two-spindle boring worm-conveyor unit for mechanical coal
extraction. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst.
nauch. i tekhn. inform. 17 no.2:7-9 '64. (MIRA 17:6)

MARTYENKO, I.A., inzh.; MILYAYEV, I.S., inzh.; TUGAYEV, T.S., inzh.;
KOTLYARSKIY, I.A., inzh.; MOREV, A.B., inzh.; MUDRYAK, V.A.,
inzh.; SUDOPLATOV, A.P., prof.; IVANOV, K.I., kand. tekhn. nauk;
IGNAT'YEV, A.D., kand. tekhn. nauk; KOLYSHKIN, O.M., kand. tekhn.
nauk; YEREMENKO, Ye.I., inzh.

Industrial testing of the auger drilling of coal with double
spindle auger drilling machines. Ugol' 40 no.1:32-37 Ja '65.
(MIRA 18:4)

1. Kombinat Ukrzapadugol' (for Martynenko, Milyayev, Tugayev).
2. Gorlovskiy mashinostroitel'nyy zavod im. S.M.Kirova (for
Kotlyarskiy, Morev, Mudryak).
3. Institut gornogo dela im.
A.A.Skochinskogo (for Sudoplatov, Ivanov, Ignat'yev, Kolyskin,
Mel'nikov, Yeremenko).

USSR / Farm Animals. General Problems

Q-1

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12024

Author : Kolyshkina N. S.

Inst : Not given

Title : Note on the Discussion Concerning Selection, Matching and Methods of Breeding of Animals (An Article by A. Ya. Malakhovskiy is under Discussion) - (K diskussii ob otbore, podbore i metodakh razvedeniya zhiivotnykh (Obsuzhdayem stat'yu A. Ya. Malakhovskogo)

Orig Pub: Zhivotnovodstvo, 1957, No 4, 41-50

Abstract: No abstract.

Card 1/1

ABRAMOV, M.I.; BELIZIN, V.I.; DEVITSKIY, S.M.; ZATULA, V.I.; ZOLOTAREV,
V.N.; ZOLOTAREV, I.S.; IL'INA, M.I.; KOLYSHKINA, N.S.; KUDASOV,
L.P.; MAKHLIN, V.M.; MEDVEDEV, G.S.; NEKHAYEV, I.S.; OLEYNIKOV, M.S.;
PARKHOMENKO, P.N.; TOMASHEVSKIY, V.I.; FEDUNETS, I.Kh.; KHRAMTSOV,
V.K.; ZOLOTAREV, N.V., red.; SEVRYUKOV, P.A., tekhn.red.

[Planning on collective farms; manual] Planirovaniye v kol'khozakh;
spravochnik. Kurak, Kurakoe knizhnoe izd-vo, 1960. 437 p.
(MIRA 14:2)

(Collective farms)

BUNAREVA, Z.S.; PARKHOMCHUK, V.I.; KISELEVA, N.K.; KOLYSHKINA, Yu.I.

Antistatic finishing of polyvinyl chloride fibers. Khim. volok.
no.6:20-22 '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna (for Bunareva, Parkhomchuk). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo volokna (for Kiseleva, Kolyshkina). Submitted February 25, 1964.

ZAALISHVILI, Sh.D.; KOLYSKO, L.E.

Second virial coefficient for vapors and their mixtures. Part 1:
system diethyl ether - acetone. Zhur. fiz. khim. 34 no. 11:2596-
2600 N '60. (MIRA 14:1)

1. Gor'kovskiy politekhnicheskii institut im. A.A. Zhdanova.
(Ether) (Acetone) (Equation of state)

S/076/61/035/011/011/013
B101/B110

AUTHORS: Zaalishvili, Sh. D., and Kolysko, L. E.

TITLE: The second virial coefficient of vapors and their mixtures.
II. The system acetone - chloroform

PERIODICAL: Zhurnal fizicheskoy khimii, v. 35, no. 11, 1961, 2613 - 2615

TEXT: Since knowledge of the second virial coefficient is necessary for the exact determination of data for the equilibrium between liquid and vapor, the authors investigated the system acetone - chloroform which is typical of systems with maximum boiling point. Purified CHCl_3 and $(\text{CH}_3)_2\text{CO}$ were vaporized in a chamber through which dry nitrogen was blown. The chamber was designed by the Laboratoriya vysokikh davleniy GIAP (Laboratory of High Pressures of the GIAP) (I. R. Krichevskiy, Yu. V. Tsekhanskaya, Zh. fiz. khimii, 10, 2315, 1956). The compressibility of mixtures containing 14.13; 32.40; 44.50; and 74.59 mole% of acetone was measured, and the second virial coefficient B_m determined. Experimental data follow the equation $B_m = B_{11}N_1^2 + 2B_{12}N_1N_2 + B_{22}N_2^2$ (1), where B_{11} and N_1
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S/076/61/035/011/011/013
 B101/B110

The second virial coefficient...

are the second virial coefficient and the molar part of acetone, respectively. B_{22} and N_2 are the second virial coefficient and the molar part of chloroform, respectively. B_{12} is the second virial coefficient of the mixture. The maximum deviation of experimental data from those calculated according to this equation is 3%. The B_m values were tabulated:

t, °C	- B_m , cm ³ /mole						- B_{12}
	Acetone content, mole%						
	0	20	40	60	80	100	
60	910	1275	1500	1585	1530	1330	2005
70	855	1010	1115	1170	1180	1140	1300
80	775	855	920	965	995	1010	995
90	710	785	840	865	865	845	930

The volatility f_1 , f_2 of acetone and chloroform, respectively, at 55°C was calculated by means of the equations:

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The second virial coefficient...

S/076/61/035/011/011/013
B101/B110

$$RT \ln f_1 = RT \ln PN_1 + [B_{11} - (B_{11} - 2B_{12} + B_{22})N_2^2]P;$$

$$RT \ln f_2 = RT \ln PN_2 + [B_{22} - (B_{11} - 2B_{12} + B_{22})N_2^2]P \quad (3), \text{ and compared}$$

with the partial pressure (data by H. Röck, W. Schröder, Z. phys. Chem., 11, 41, 1957) (Table 3). Considerable deviations between partial pressure P and volatility f show that the second virial coefficients should be considered when investigating the equilibrium vapor - liquid. The authors thank I. R. Krichevskiy for advice. M. I. Shumilkina and O. S. D'yachkovskaya assisted in the experiments. There are 1 figure, 3 tables, and 7 references: 3 Soviet and 4 non-Soviet. The reference to the English-language publication reads as follows: J. Timmermans, Physico-chemical constants of pure organic compounds, 1950.

ASSOCIATION: Gor'kovskiy politekhnicheskij institut im. A. A. Zhdanova
(Gor'kiy Polytechnic Institute imeni A. A. Zhdanov)

SUBMITTED: October 11, 1960

Card 3/A₃

ZAALISHVILI, Sh.D.; BELOUSOVA, Z.S.; KOLYSKO, L.E.; Primala uchastiye
GORODINSKAYA

Second virial coefficient of vapors and their mixtures. Zhur. fiz.
khim. 39 no.2:447-450 F '65. (MIRA 18:4)

1. Gor'kovskiy politekhnicheskii institut.

ZAALISHVILI, Sh.D.; KOLYSKO, L.E.

Possibility of determining the vapor density and the second
viral coefficient. Zhur. fiz. khim. 39 no.4:1016-1018 Ap '65.
(MIRA 19:1)

1. Gor'kovskiy politekhnicheskii institut. Submitted June 28,
1964.

ZAALISHVILI, Sh.D.; KOLYSKO, L.E.; Prinimala uchastiye: SHUMILKINA, M.I.

Second virial coefficient of vapors and their mixtures. Part 3.
The system diethyl ether - methyl iodide. Zhur. fiz. khim. 36
no.4:846-848 Ap '62. (MIRA 15:6)

1. Gor'kovskiy politekhnicheskiy institut imeni A.A.Zhdanova.
(Ethyl ether) (Methane) (Virial coefficients)

ZAALISHVILI, Sh.D.; KOLYSKO, L.E.

Determining the vapor phase composition over a binary solution.
Zhur. fiz. khim. 36 no.4:887-889 Ap '62. (MIRA 15:6)

1. Gor'kovskiy politekhnicheskii institut imeni Zhdanova.
(Thermochemistry) (Solution (Chemistry))

KOLYTSOV, V. S.

USSR/Chemistry - Viscosity of Emulsions 11 Jul 51

"The Effect of Surface-Active Agents (Color Components) on the Specific Viscosity of Gelatin Solutions and Photographic Emulsions," B. V. Deryagin, S. M. Levi, V. S. Kolytsov, All-Union Sci Res Cinephoto Inst "Dok Ak Nauk SSSR" Vol LXXIX, No 2, pp 283-286

Adds 3 color components, the formulas of which are given to gelatin solns in varying quantities and studies the resultant effect on the viscosity. Graphically illustrates the results.

PA 214T11

USPENSKIY, G.M., burovik-novator; BANATOV, V.P., burovik-novator; KOLYUBAKIN, N.L., burovik-novator; MAL'TSEV, I.A., burovik-novator.

[Results of using the two-hole drilling method] Rezul'taty primeneniia dvukhatvol'nogo metoda bureniia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gornotoplivnoi lit-ry, 1953. 130 p. (MLRA 7:5)

1. Treat Stavropol'burneft' (for Uspenskiy, Banatov, Kolyubakin, Mal'tsev). (Petroleum--Well-boring)

BUYMOV, Pavel Semenovich,; KOLYUBAKIN, Petr Andreyevich,; GUROV, S., red.;
LIL'YE, A., tekhn. red.

[Innovators improve production; practices of the "Parizhskaia
kommuna" factory] Novatory sovershenstvuiut proizvodstvo; iz opyta
raboty fabriki "Parizhskaia kommuna." [Moskva] Mosk.rabochii,
1958. 71 p. (MIRA 11:11)

(Efficiency, Industrial)

KOLYUBAKIN, V. V. Cand. Physicomath. Sci.

Dissertation: "Experiment of Mapping the Rocks of the Ufa Area by Data of Magnetic Survey in the Region of Ishimbay." Inst. of Theoretical Geophysics, Acad. Sci. USSR, 15, Jan. 1947.

SO: Vechernyaya Moskva, Jan. 1947 (Project #17836)

KOLYUBAKIN. V. V.

Jul/Aug 53

USSR/Geophysics - Magnetic Prospecting

"Review of the Book 'Instructions on Magnetic Prospecting for Ground Operations"

(V. V. Kolyubakin, reviewer)

Iz Ak Nauk SSSR, Ser Geofiz, No 4, pp 380-387

Reviews book, "Instruktsiya po magnitorazvedke rabot Ilya nazemnykh rabot," published

by the Ministry of Geology USSR, Main Geophys Admin Moscow, Gosgeolizdat, 1952,

84 pp, 8,000 copies, 3.10 rubles.

265 T87

15-57-10-14588

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
pp 202-203 (USSR)

AUTHORS: Kolyubakin, V. V., Ozerskaya, M. L., Petrova, G. N.

TITLE: A Field Apparatus for Determining the Magnetic Properties of Rocks (Polevoy pribor dlya opredeleniya magnitnykh svoystv gornykh porod)

PERIODICAL: Sb. posvyashch. pamyati akad. P. P. Lazareva, Moscow, AN SSSR, 1956, pp 351-362

ABSTRACT: The authors discuss the theory and results of a susceptibility-meter attachment to an ordinary field magnetometer (Schmidt balance). This device permits measurement of susceptibility and residual magnetism of samples of magnetic sedimentary rocks as well as of magmatic rocks under field conditions with a satisfactory degree of precision. The meter consists of two susceptibility solenoids connected in series, through which an electric current is passed, and which

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15-57-10-14588

A Field Apparatus for Determining the Magnetic (cont.)

is placed over the magnetic system of the magnetometer. When identical solenoids are placed symmetrically in relation to the magnetic system of the balance, the reading of the magnetometer does not change. When a sample is introduced into one of the solenoids, it acquires an induced magnetic moment proportional to its susceptibility, and the reading of the magnetometer changes, permitting determination of the susceptibility. The sample to be measured is ground and placed in a test tube. By using uncrushed samples cut into cubes, it is also possible to measure the residual magnetism. The authors give detailed accounts of the apparatus, including the results of calibration. For measuring susceptibility, the instrument is calibrated by using a cylindrical coil; but for residual magnetism a rectangular coil is used. Comparative measurements were supplemented by several other measurements both in the susceptibility meter and on a lambda-static magnetometer as well as on an instrument of A. G. Kalashnikov. The results reveal a systematic small deviation, apparently associated with insufficient precision in determining the meter constants. However, this

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PHASE I BOOK EXPLOITATION

SOV/5140

Kolyubakin, Vladimir Vasil'yevich, and Margarita Ivanovna Lapina

Obzor sposobov resheniya pryamoy i obratnoy zadach magnitnoy razvedki (Review of Methods for Solving Direct and Inverse Problems of Magnetic Surveying) Moscow, Izd-vo AN SSSR, 1960. 362 p. (Series: Akademiya nauk SSSR. Institut fiziki Zemli imeni O. Yu. Shmidta. Trudy, No. 13/180/) Errata printed on the inside of back cover. 2,000 copies printed.

Resp. Ed.: A. G. Kalashnikov, Doctor of Physics and Mathematics;
Ed. of Publishing House: L. K. Nikolayeva; Tech. Ed.:
S. G. Markovich.

PURPOSE: This book is intended for scientists and engineers engaged in research in magnetometry. It may also be useful to advanced students in the same field.

COVERAGE: The book presents methods for solving direct and inverse problems in magnetic surveying, for the case of uniformly magnetized bodies. The material presented has been assembled from

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SOV/5140

Review of Methods (cont.)
both Soviet and non-Soviet literature up to and including 1956. The book consists of three parts each of which is preceded by a brief introduction giving a description and general statements relating to the methods cited. The first part is devoted to the direct problem of magnetic surveying. It considers analytical (Chs. I and III) and graphical (Ch. II) methods for solving the direct problem. The general methods for obtaining calculation formulas for magnetic fields in the case of homogeneous magnetization are described in the introduction to the first part. All formulas are cited without derivations. Bodies bounded by surfaces of the second order are separately treated from the bodies of a given form for which the solution of the direct problem is presented. Throughout the book universally adopted designations of bodies are used. Where necessary, a description of the distribution of the magnetic charges along the body surface is given below the name of the body. The second part contains material for solving the inverse problem of magnetic surveying. Methods are considered for determining depth and dimensions of a body which require preliminary assumptions

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Review of Methods (Cont.)

SOV/5140

regarding the shape of the body (Chs. I, II, III) and also methods for which this condition is not necessary (Ch. IV). Descriptions of these methods and general conditions for their use are given in the introduction to the second part; each method is given without any recommendations as to its application. The third part is auxiliary and deals with calculations of the gravitational and magnetic potential and its derivatives in the upper halfspace and in the plane of observations. This material is also presented without a statement of the methods used in obtaining the formulas. Single designations are introduced in the book, the explanation of which is given at the beginning of the book in a general list. In several sections some of the formulas are derived by the authors. The following personalities are mentioned: V. N. Strakhov (method of isolines), B. A. Andreyev (method of limit distributions), T. N. Simonenko-Rose and A. P. Kzanskiy (integral formulas), Yu. N. Grachev, V. F. Pyatnitskiy, V. V. Kolyubakin, A. A. Logachev, L. Peters, A. N. Timofeyev (various forms of the method of tangents). There are 476 references: 275 Soviet, 123 English, 66 German, 9 French, 1 Swedish, 1 Portuguese, and 1 Hungarian.

Card 3/23

KOLYUBAKIN, Vladimir Vasil'yevich; LAPINA, Margarita Ivanovna; MALASHNIKOV, A.G., doktor fiziko-matem.nauk, otv.red.; NIKOLAYEVA, L.K., red.izd-vu MARKOVICH, S.G., tekhn.red.

[Review of methods for solving direct and inverse magnetic prospecting problems] Obzor sposobov reshenia priamoi i obratnoi zadach magnitnoi razvedki. Moskva, Izd-vo Akad.nauk SSSR, 1960. 356 p. (Akademia nauk SSSR. Institut fiziki Zemli. Trudy, no.13)

(MIRA 14:5)

(Magnetic prospecting)

L 25622-66 EWT(m)/EWP(j)/T/ETC(m)-o IJP(c) NW/RM

ACC NO: M4616064

SOURCE CODE: UR/0020/65/164/005/1050/1053

AUTHOR: Kirpichnikov, P. A.; Mukmeneva, N. A.; Kolyubakina, N. S.; Pudovik, A. N. ⁵⁷
(Corresponding member AN SSSR) ₈ORG: Kazan' Chemicotechnological Institute im. S. M. Kirov (Kazanskiy khimiko-
tehnologicheskii institut)

TITLE: Interaction of esters of phosphorous acid with 1,1-diphenylethane hydroperoxide

SOURCE: AN SSSR. Doklady, v. 164, no. 5, 1965, 1050-1053

TOPIC TAGS: phosphorous acid, ester, polarographic analysis, reaction rate, polymer

ABSTRACT: A kinetic study was made of the behavior of various aliphatic and aromatic esters of phosphorous acid, mixed esters of pyrocatecholphosphorous acid, and diphosphites in the reaction with 1,1-diphenylethane hydroperoxide, and the influence of the structure of the phosphites used on the rate of the reaction was investigated. Polarographic studies with a dropping mercury electrode revealed that aliphatic phosphites are more active than the aromatic forms. An analogous pattern is observed for esters of pyrocatecholphosphorous acid. The activity series are given for four complete esters of phosphorous acid, five esters of pyrocatecholphosphorous acid, and four diphosphites. The influence of other factors was studied: increasing the concentration of one of the reagents (hydroperoxide:phosphite ratios from 1:10 to 1:1.5) and increasing the temperature (from 20° to 30°) promote an increase in the reaction rate. The mechanisms of interaction of the hydroperoxide of 1,1-diphenylethane with esters of phosphorous acid were found to be directly dependent upon the inhibiting properties of the latter with respect to thermooxidative destruction of polymers. Orig. art. 2

has: 3 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 09Apr65 / OTH REF: 004 UDC: 547.26'118

Card 1/1 R

KOLYUBAKINA, N.V.; KERAL'NIK, B.V.

Use of erythrocytic Vi-diagnosticum for the detection of chronic typhoid carrier states. *Zhur. Mikrobiol., epid. i Immun.* 12 no. 10:1111-1115 © 1965. (MIRA 18:11)

1. Zakarpatskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya i Uzhgorodskiy institut epidemiologii, mikrobiologii i gigiyeny. Submitted September 8, 1964.

SHAKH, P.; KOLYUBAYEV, D.

Training under operating conditions. Avt.transp. 40 no.2:48 F
'62. (MIRA 15:2)

1. Kiyevskiy oblastnoy uchebnyy kombinat.
(Automobile drivers)

AUTHOR: Kolyubin, A. A.

SOV/48-22-6-27/28

TITLE: The Spectrum of the Emission of the Decay Products of Hydrocarbons and Alcohols of the Aliphatic Series in an Electrodeless Discharge (Spektr ispuskaniya produktov raspada uglevodorodov i spirtov zhirnogo ryada v bezelektrodnom razryade)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya fizicheskaya, 1958, Vol. 22, Nr 6, pp. 753-756 (USSR)

ABSTRACT: An electrodeless discharge was brought about in a quartz tube (of 30 mm diameter and 300 mm length), which was provided with a solenoid winding (50-150 coils). A generator high-frequency current of 6 megacycles was fed to this winding. As shown by an illustration the tube was connected to a flask containing the substance to be investigated, the receiving flask for the condensation of the decay products, and a three-way faucet. The substance was frozen-in in a flask and the air was pumped out of the tube. After thawing of the substance (with the pump being continuously connected) its vapors entered the discharge section of the tube. For the purpose of recording the spectrum a quartz spectrograph "ISP -22" was used. In the emission spectrum in a methane medium

Card 1/3

The Spectrum of the Emission of the Decay Products of
Hydrocarbons and Alcohols of the Aliphatic Series in an
Electrodeless Discharge

SOV/48-22-6-27/28

which did not flow through the bands and lines: CH-4315 Å,
CH-3890 Å; H₂; Hg as well as the strips CO, CN, OH were observed.
The relative intensity of the impurity bands was inversely pro-
portional to the pressure of methane. The discharge in the vapors
of methyl alcohol (according to bands and lines) resulted in:
CH, OH, CO, H₂, H, CII CI, and in the case of vapor not flowing
through, also CN. A table shows the dependence of the ratio of
the band- and line intensities on the pressure and velocity of
pumping-out in the case of vapors flowing through. Another table
shows the dependence of the ratio of intensities on the basic
bands of the spectrum of CH₃OH upon pressure in the case of
vapors which do not flow through. It is pointed out in this con-
nection that the increase of the blackening of the CO-strips
with OH-strips remaining unchanged and with a decrease of the
velocity of pumping out leads to the conclusion that CO is a
product of secondary and OH a product of primary reactions.
Moreover, the blackening of bands and lines in a steam-spectrum

Card 2/3

The Spectrum of the Emission of the Decay Products of
Hydrocarbons and Alcohols of the Aliphatic Series in an
Electrodeless Discharge

SOV/48-22-6-27/28

in an electrodeless discharge is discussed, and it is pointed out that OH^* is a product of the primary processes of decay and that the excited H- and O are products of secondary processes (Ref 2). The theory developed by Lyman concerning the presence of 2 maxima of intensity in the band OH-3064 \AA is referred to, and V. N. Kondrat'yev's interpretation:

$\text{e}^- - \text{H}_2\text{O} - \text{OH}^* - \text{H} - \text{e}$ is given, according to which OH^* contains an additional rotation energy which corresponds to the maximum of intensity with a high quantum number. There are 1 figure, 3 tables, and 3 references, 2 of which are Soviet.

ASSOCIATION: Moskovskiy inzhenerno-fizicheskiy institut (Moscow Physics and Engineering Institute)

1. Cyclic compounds---Properties
2. Secondary emission---Analysis
3. Spectrum analyzers---Performance
4. Discharge tubes---Performance
5. Discharge tubes---Performance
6. High frequency currents---Applications

Card 3/3

KoLy u Bin, A.A.

2. (1,8)

p. 3

PHASE I BOOK EXPLOITATION

SOV/3247

Moscow. Inzhenerno-fizicheskiy institut

Nekotoryye voprosy eksperimental'noy fiziki, vyp. 1 (Some Problems in Experimental Physics, Nr 1) Moscow, 1959. 85 p. 3,000 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya SSSR.

Ed.: V.F. Semenov, Candidate of Physical and Mathematical Sciences, Docent;
Tech. Ed.: R.A. Negrimovskaya.

PURPOSE: This book is intended for physicists, chemists and other persons interested in general problems of nuclear physics and physical and chemical analyses.

COVERAGE: The collection contains 10 articles dealing with problems in elementary particle acceleration, radiography and crystal structure, physical and chemical analysis and instrumentation in these fields. References and mention of personalities accompany each article.

Card 1/3

Some Problems in Experimental Physics, Nr 1

SOV/3247

TABLE OF CONTENTS:

Kirillov-Ugryumov, V.I. and Yu.M. Ivanov. Muon Beams With Energies up to 70 Mev Produced on an Accelerator	3
Burlakov, V.D. Determination of Surface Temperature by the Method of Equating Brilliances	13
Kalmykov, A.A. and B.M. Stepanov. Activation of Weak Emitters in Press Forms	22
Artemenkova, L.V., M.A. Betalina and B.M. Stepanov. Influence of the Velocity Distribution of Electrons on the Resolving Time of an Electron Multiplier	27
Zhiryakov, B.M., Ye. D. Protsenko and V.F. Semenov. A Radio Spectroscope With High-Frequency Modulation of the Magnetic Field for Observing Electron Paramagnetic Resonance	37
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Card 2/3

ACC NR: AP7010698

SOURCE CODE: UR/0077/67/012/001/0042/0044

AUTHOR: Kolyubin, A. A.; Pevchev, Yu. F.; Finogenov, K. G.'

ORG: Moscow Engineering-Physics Institute (Moskovskiy inzhenerno-fizicheskiy institut)

TITLE: Influence of an electrical field on the sensitivity of photographic emulsions

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii v. 12, no. 1, 1967, 42-44

TOPIC TAGS: photographic emulsion, photographic image, photographic film, electric field

SUB CODE: 14,20

ABSTRACT: On the basis of experiments involving the exposure of various types of ordinary film under controlled conditions in an electrical field of varying intensity, the authors conclude that the mechanism by which the electric field influences the formation of the photographic image is much more complex than described by G. Rothstein (Photogr. Sci. Engng., 1959, 3, p 255; 1960, 4, p 5). The lack of uniformity of effect by the electrical field on the sensitivity of the photographic emulsions studied, indeed the lack of uniformity of effect on one and the same sample emulsion.

Card 1/2

UDC: 771.534.1:537.3

ACC NR: AP7010698

suggests that the electric field may well trigger in the emulsion two or more dissimilar effects. They suggest that further studies be aimed at a study of the specific properties of the emulsion that are effected by the electric field, and the study of the influence of the field on the successive stages of image development within the emulsion. Orig. art. has: 6 figures. JPRS: 40,300

Card 2/2

KOLYUBINSKAYA, V. V.

Kolyubinskaya, V. V. - "The water under the earth (Outlook for utilization of water resources, Krym Oblast)," Krym, No. 3, 1949, p. 173-77

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

Effect of silica gel moisture content on chromatographic
 separation of gases, M. M. Turkin, A. J. Iskraevskaya,
 and M. S. Selenina (All-Union Sci. Research Petroleum
 Inst., Moscow, U.S.S.R.), *Zhur. Akad. Nauk. SSSR*, 11,
 828-82 (1967). In a series of expts. with several brands of
 SiO₂ gel it was observed that when the H₂SO₄ or HCl used
 in the prepn. of the gel were not washed out completely,
 adsorbed propylene and butylene could be desorbed com-
 pletely. The same was true when a previously washed
 gel was treated with acid. When the H⁺ were completely
 washed out or neutralized with KOH, desorption of the
 gases was total. Dry SiO₂ gel gave poor separ. of gases.
 moistening the gel improved the...

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000824020004-1"

TURKEL'TAUB, N.M.; SHCHVARTSMAN, V.P.; KANCHEYEVA, O.A.; LATUKHOVA, A.G.;
KOLYUBYAKINA, A.I.

Use of thermodynamic apparatus in gas surveys. Trudy VNIIGI no.11:
260-272 '58. (MIRA 13:1)
(Gases--Analysis) (Geochemical prospecting)

5(2)

AUTHORS:

Turkel'taub, N. M., Anvayer, B. I., SOV/32-25-2-13/78
Kolyubyakina, A. I., Selenkina, M. S.

TITLE:

On the Separation of Hydrocarbons $C_2 - C_5$ by the Method of Gas-liquid Distribution Chromatography (O razdelenii uglevodorodov $C_2 - C_5$ metodom gazozhidkostnoy raspredelitel'noy khromatografii)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 2, pp 149-154 (USSR)

ABSTRACT:

By a change in the quantity ratio of solvent and sorbent carrier as well as by the use of a mixture of 2 or more solvents the sorbent properties can be changed over a wide range in the above-mentioned method. The investigations of the separation of hydrocarbons by this method (Refs 2-5) have so far been concerned with saturated hydrocarbons or with such above $C_4 - C_5$. In the present case the effect of the nature of the stable phase on the separation of hydrocarbons between C_2 and C_5 are studied. The investigations were carried out by means of the usual chromatographic apparatus (Ref 6). The data obtained from the apparatus were automatically recorded

~~Card 1/3~~

On the Separation of Hydrocarbons $C_2 - C_5$ by the
Method of Gas-liquid Distribution Chromatography

SOV/32-25-2-13/78

by a potentiometer EPP-09. Non-polar solvents (Vaselin, triisobutylene) as well as weakly polar (α -methyl naphthalene, dibutyl phthalate) and highly polar solvents (dimethyl formamide) were used, and it was found that the Henry coefficient of gaseous hydrocarbons can be changed and conditions for a complete separation achieved by changing the nature of the solvent. However not even an optimum ratio of solvent and sorbent carrier will permit a complete separation of the isomers of C_4 and C_5 hydrocarbons. This is only made possible by adding 1 % Vaselin to dimethyl formamide (on a brick sorbent carrier) or 6.5 % triisobutylene (on a diatomite sorbent carrier). By mixing the solvents a continuous change of the polarity of the stable phase can be achieved and thus it is possible to choose the conditions for separating saturated and unsaturated hydrocarbons between C_2 and C_5 and their isomers. There are 3 figures, 1 table, and 15 references, 3 of which are Soviet.

~~Card 2/3~~

A-U Sci Res Inst Geological Petroleum Prospecting

ZAYTSEV, Boris Dmitriyevich, doktor sel'khoz. nauk; ZONN, S.V.,
doktor sel'khoz. nauk, retsenzent; KOLYUKAYEVA, M.P., prep.
retsenzent; BRYNTSEV, P.I., red.

[Soil science] Pochvovedenie. 2. izd. Moskva, Lesnaya pro-
myshlennost', 1965. 367 p. (MIRA 18:6)

KOLYUKO, V.M., kandidat tekhnicheskikh nauk.

Characteristics and rules for determining the effective
horsepower of marine diesel engines by indirect load indexes.
Sudostroenie 23 no.2:31-35 F '57. (MLRA 10:5)
(Marine diesel engines)

KOLYUKO, V.M., kand. tekhn. nauk.

Effect of working-process parameters on the life of internal combustion engines. Energomashinostroenie 4 no.8:26-29 Ag. '58. (MIRA 11:11)
(Gas and oil engines)

YELISTRATOV, Flaviy Markianovich; KOLYUKO, Vadim Mikhaylovich; TOMILIN,
Mikhail Sergeyevich; KOTSYUBENKO, V.V., inzh., nauchnyy red.;
POLYAKOV, I.I., red.; SHISHKOVA, L.M., tekhn.red.

[Power units with free-piston gas generators] Silovye ustanovki
so svobodnoporshnevymi generatorami gaza. Leningrad, Gos.
soiuznoe izd-vo sudostroit. promyshl., 1959. 297 p.

(MIRA 12:8)

(Gas and oil engines)

KOLYUKO, Vadim Mikheylovich; BERSHADSKIY, S.A., inzh., retsenzent;
KNYAZEV, N.N., inzh., retsenzent; VORONOV, I.P., nauchnyy
red.; POLYAKOV, I.I., red.; ERASIOVA, N.V., tekhn.red.

[Testing of free piston gas generators] Ispytaniya svobodno-
porshnevykh generatorov gaza. Leningrad, Gos. soiuznoe izd-vo
sudostroit. promyshl., 1961. 206 p. (MIRA 15:3)
(Gas producers--Testing)

KOLYUKO, V.M., kand.tekhn.nauk

Use on ships of gas turbines with a free piston gas generator
[from foreign journals]. Sudostroenie 28 no.3:59-61 Mr '62.
(MIRA 15:4)

(Marine gas turbines)

KOLYUKO, V.M., kand. tekhn. nauk

The economic advantage of using free piston gas generators in
marine gas turbine plants. Sudostroenie 29 no.7:20-23 J1
'63. (MIRA 16:9)

(Marine gas turbines)

S/229/63/000/003/001/003

Kolyuko, V.M., Candidate of Technical Sciences

problems in the development of propulsion machinery for hydrofoil ships

Aviudostroyeniye, no.3, 1963, 23-25

propeller shafts... hydrofoil...
 drag...
 via a vertical...
 there can be one or a train of cardan shafts...
 the pods. Power and weight data are given for the various...
 and it appears that cardan shafts may have...
 advantages for...
 in carrier and...
 advantages is...
 the...
 former will result...

development
use. There are numerous advantages in having no underwater
mechanism, and retraction of the net is
However, diff
underneath the vessel. For vessels with
drive there are considerable advantages in the small
for reversing and
drive.

KOLYUN, M.N. Cand Geol-Min Sci -- (diss) "Lithology and phases of the
upper Cambrian deposits of the southern ^(part of the) Siberian platform." Len, 1958
18 pp (All-Union Sci Res Geol Inst VSEGEI of the Min of Geology and Mineral
Conservation USSR), 100 copies (KL, 13-58, 94)

VSB 651

KOLYUNOV, V. A., KELMAN, V. M., ROMANOV, V. A., METSKHVARISHVILI, R. Yu.

"Investigation of Internal Conversion Lines in the B-Spectrum of a Mixture of Eu¹⁵² and Eu¹⁵⁴ Isotopes," Nuclear Physics (publ. in Amsterdam), 2, No. 4, p 395, 1956.

Physico-Technical Inst. AS USSR Leningrad.

In English.

Distr: 4E3d

374

INVESTIGATION OF CONVERSION COEFFICIENTS IN THE
SPECTRUM OF A ^{152}Eu - ^{228}Ac MIXTURE

Y. A. Bomanov, R. M. Matkovskiy, and V. A. Zolotarev
(USSR Academy of Sciences) Soviet Phys. JETP
(1957) Aug

Internal conversion lines in the K and L shells of the
daughter nuclei of ^{152}Eu and ^{228}Ac were measured with a
resolution β spectrometer. The ratios of the conversion
coefficients were determined for several transitions.
The energy intervals between the β and γ lines
were measured with high precision.

Internal conversion lines in the β -spectrum of a mixture of europium-151 and europium-154 isotopes
 A. Romanov, R. V. Matshyn, and G. S. Kuznetsov
 Radiat. Environ. Biophys. 1983, 15, 107-110
 Internal conversion lines in β and γ spectra of a mixture of europium-151 and europium-154 isotopes were studied in a high resolution Ge(Li) spectrometer. The half-lives for transition lines were determined by the method of half-life differences. The half-lives were found to be 4.81 and 5.75 years for the β and γ lines, respectively. The half-lives were found to be 4.81 and 5.75 years for the β and γ lines, respectively. The half-lives were found to be 4.81 and 5.75 years for the β and γ lines, respectively.

KOLYUNOV, V.A.

AUTHOR: KEL'MAN, V.M., ROMANOV, V.A., MECCHVARIŠVILI, R.JA., PA - 2057
KOLJUNOV, V.A.

TITLE: Investigation of Conversion Lines in the β Spectrum of an Eu^{152} ,
 Eu^{154} Isotopic Mixture. (Issledovanie konversionnykh liniy v
 β -spektre smesi isotopov Eu^{152} i Eu^{154} , Russian).

PERIODICAL: Zhurnal Eksperimental'noi i Teoret.Fiziki, 1957, Vol 32, Nr 1,
pp 39-47 (U.S.S.R.)
Received: 3 / 1957
Reviewed: 4 / 1957

ABSTRACT: The authors recorded the lines of the inner conversion on the
K shells as well as on the L- and M-subshells of the Sm^{152} and
 Sm^{154} by means of a prism- β -spectrometer of great resolving ca-
pacity and determined the ratios of the conversion coefficients
at the energies 122 and 123,2 keV of the transitions. The re-
solving capacity of the prism spectrometer used here was in-
creased by the following measures: 1) Shielding of the tubes of
the spectrometer against extraneous magnetic fields by iron
rings. 2) The straight gap of the registering device was re-
placed by a slightly curved gap. 3) A certain modification of
the feeding of the magnet and of the lens of the spectrometer.

The L-subshells of the Sm^{152} and Gd^{154} : A diagram demonstrates
the sphere of the β -spectrum of a β -spectrum of Eu^{152} and Eu^{154}

Card 1/3

Investigation of Conversion Lines in the β Spectrum of an
Eu¹⁵², Eu¹⁵⁴ Isotopic Mixture. PA - 2057

The measurement of the ratios of the coefficients of the conversion on the K- and L-subshells of Sm and Gd: The K-lines Sm¹⁵² and Gd¹⁵⁴ corresponding to the transition energies indicated above are demonstrated in a diagram. The energy difference of these conversion lines is measured by transfer of the electric shift to the sources and amounts to 117 ± 1 eV. Taking into account all measurements, the following values were found for the conversion coefficients: For Sm (transition energy 122 keV):
K/L = $1,76 \pm 0,04$ and for Gd (transition energy 123,2 keV):
K/L = $1,51 \pm 0,03$.

ASSOCIATION: Leningrad Physical-Technical Institute of the Academy of Sciences of the USSR.
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress.
Card 3/3

21(2)

SOV/56-35-5-7/56

AUTHORS: Kel'man, V. M., Kolyunov, V. A., Karpov, M. V.

TITLE: The Application of Magnetic Slits for the Creation of Circular Trajectories of Charged Particles (Primeneniye magnitnykh shcheley dlya formirovaniya krugovykh trayektoriy zaryazhennykh chastits)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol 35, Nr 5, pp 1113-1115 (USSR)

ABSTRACT: The authors of the present paper investigated an electron-optical system consisting of magnetic slits with a magnetic field increasing rapidly in the direction of the periphery but not leading to defocusing in a vertical direction, which bends the trajectories of charged particles, rendering them nearly circular. The vector potential in point P of this system has the form

$$A_z = -\frac{I}{c} \ln \frac{(r/a)^{2n} - 2(r/a)^n \cos n\varphi + 1}{(r/a)^{2n} + 2(r/a)^n \cos n\varphi + 1}; \quad A_r = A_\varphi = 0, \quad A = A_z.$$

(I = current in every conductor, r = distance between the axis of the system O and P, a = distance from O to conductor,

~~Card 1/3~~

SOV/56-35-5-7/56

The Application of Magnetic Slits for the Creation of Circular Trajectories of Charged Particles

$2n$ = the number of conductors, and φ = the polar angle). For the momentum it holds that $P = \partial L / \partial \dot{z} = m\dot{z} + eA/c = m\dot{z}_0 + eA_0/c = \text{const}$; the Lagrangian $L = \frac{m}{2} (\dot{x}^2 + \dot{y}^2 + \dot{z}^2) + eA\dot{z}/c$. Scheme

and schematical drawing of such a system which can be used in an accelerator with a constant guiding field are given (Figs 1, 2). The experiments carried out with this device are described. The device consisted of 16 poles arranged in a circle and having 200 windings each; the distance between the gun and the edge of the poles $\sim 4-5$ cm, at radial oscillation of the order of 2 cm and vertical oscillations ~ 5 cm. The electron energy amounted to 5 keV (5 - 10 A). The amperage depended in a high degree on the distance between gun and pole. The phenomenon had the shape of a slightly curved band of 1 - 3 mm breadth and 10 - 20 mm height. An arrangement consisting of 32 poles gave similar results. There are 2 figures and 4 Soviet references.

~~Card 2/3~~

Leningrad Phys - Tech Inst, AS USSR

KUTSIN, Elya Avramovich; KOLYUPANOV, D.M., inzh., retsenzent; YERMAKOV,
N.P., tekhn.red.

[Maintenance of fuel equipment of diesel tractors] Ukhod za
toplivnoi apparaturoi dizel'nykh traktorov. Izd.2., ispr. i dop.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
104 p. (MIRA 13:4)

(Tractors--Fuel systems)

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 146 (USSR) 14-57-7-15085

AUTHOR: Kolyushev, I. I.

TITLE: Study of the Vertebrates in Transcarpathian Oblast
From 1945 to 1955 [Issledovaniya fauny pozvonochnykh
zhivotnykh Zakarpatskoy oblasti za 10 let (1945-
1955)]

PERIODICAL: Nauchn. zap. Uzhgorodsk. un-t, 1956, Vol 21, pp 31-40

ABSTRACT: Bibliographic entry
Card 1/1

KOLYUSHEV, I. I.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000824020004-1

3-19 '59.

Nauk. zap. UzhGU 40:
(MIRA 14:4)

1. Uzhgorodskiy gosudarstvennyy universitet.
(Carpathian Mountains--Vertebrates)

KUL'BA, F.Ye.; MIRONOV, V.Ye.; KOLYUSHENKOVA, G.N.

Behavior of bivalent lead in solutions containing iodine
and bromine. Zhur. neorg. khim. 9 no.7:1638-1640 J1 '64.
(MIRA 17:9)

1. Leningradskiy tekhnologicheskii institut imeni Lensovetu,
kafedra obshchey khimii.

BA

A III - 7
Nervous System

Functional mobility of the skin receptors. P. G. Soyakin and G. D. Kolyutskaya (*J. Physiol., USSR, 1952, 22, 60-66*).—Small areas were nipped out on the human skin and the number of heat spots determined with an electrically-heated thermo-aesthesiometer at different times and for different temp. The number of active heat spots was increased when a higher temp. was used and was lowered when a lower temp. was used. This phenomenon is called functional mobility and is discussed in relation to sensory perception.

D. H. SMITH.

Inst. of Neurology, Acad. Med. Sci. USSR

KOLYUTSKAYA, O. D.

"Functional Mobility of Heat Receptors in Plastic Skin Surgery." Cand Med Sci, Inst of Pharmacology, Experimental Chemotherapy, and Chemoprophylaxis, Acad Med Sci USSR, Moscow, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

KOLYUTSKAYA, O.D., kandidat meditsinskikh nauk

Works of prof. A.M.Dogliotti in the field of cardiac surgery with artificial hypothermia. Khirurgia no.8:38-42 Ag '54. (MIRA 7:11)

1. Iz fakul'tetskoy khirurgicheskoy kliniki pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni I.V.Stalina (dir. chlen-korrespondent Akademii meditsinskikh nauk SSSR prof. B.V. Petrovskiy)

(BODY TEMPERATURE,

in heart surg., contribution of A.M.Dogliotti)

(HEART, surgery,

controlled hypothermia in, contribution of A.M.Dogliotti)

KOLYUTSKAYA, O.D., kandidat meditsinskikh nauk

7th Congress of Latin-American Surgeons on Problems in Plastic
Surgery. Khirurgiia no.11:81-83 N '54. (MIRA 8:3)
(LATIN AMERICA--SURGERY, PLASTIC--CONGRESSES)

PETROVSKIY, B.V., professor; BABICHEV, S.I., dotsent; KOLYUTSKAYA, O.D.,
kandidat meditsinskikh nauk.

Artificial hypothermia in experimental cardiac surgery. Khirurgiya
no.9:6-14 S '55. (MIRA 9:2)

(HEART, surg.

exper.controlled hypothermia)

(BODY TEMPERATURE

hypothermia, in exper.heart surg.)

KOLYUTSKAYA, O.D., kand.med.nauk (Moskovskaya oblast', Ukhtomskiy rayon,
poselok Tomilino, ul. Zhukovskogo, d.15), **ARKATOV, V.A.**

Experimental use of artificial hypothermia in preventing spinal
ischemic paralysis. Report No.1. Nov.khir.arkh. no.2:57-62
Mr-Ap '58 (MIRA 11:6)

1. Kafedra fakul'tetskoy khirurgii (zav. - chlen-korrespondent
AMN SSSR prof. B.V. Petrovskiy) pediatricheskogo fakul'teta 2-go
Moskovskogo meditsinskogo instituta.

(AORTA--SURGERY)
(REFRIGERATION ANESTHESIA)
(PARALYSIS)

KOLYUTSKAYA, Ol'ga Danilovna; LAGUTINA, Ye.V., red.; POGOSKINA, M.V.,
tskh. red.

[Anesthesia in the practice of Soviet surgeons] Obezbolivanie v
praktike sovetskikh khirurgov. Moskva, Medgiz, 1960. 37 p.
(MIRA 14:12)

(ANESTHESIA)

ZOL'NIKOV, S.M., kand. med.; KOLYUTSKAYA, O.D., kand. med. nauk; DOLINA,
O.A., kand. med. nauk (Moskva)

All-Union symposium on the use of muscle relaxants. Khirurgiia
40 no.3:135-140 Mr '64. (MIRA 17:9)

KOLYUTSKAYA, O.D.

Effect of hypothermia on pulmonary circulation. Trudy 1-go MMI
33:57-67 '64.

Indications for the use and the method for the induction of
moderate hypothermia. Ibid.:205-214

Effect of pharmacological substances in hypothermia. Ibid.:288-
298

Method for the induction of potentiated anesthesia. Ibid.:303-
309

Neuroplegic and antihistaminic preparations in surgical treat-
ment of serious forms of thyrotoxic goiter. Ibid.:310-318

(MIRA 18:3)

BAIASHOV, Yu.A. [deceased]; KHODAS, M.Ya.; KOLYUTSKAYA, O.D.

Method of polarographic determination of oxygen tension in
the tissues. Trudy 1-go MMI 33:116-119 '64.

(MIRA 18:3)

KOLYUTSKAYA, O.D.; ZOLOTAREVSKIY, V.B.; ZABORSKAYA, I.V.; CHUEV (EVA), S.V.

Morphological changes in the internal organs in hypothermia.
Trudy 1-go MMI 33:124-131 '64.

(MIRA 18:3)

KCLYUTSKAYA, O.D.; SHUMAKOVA, N.M.

Some changes in the hemodynamics and gas exchange due to the use
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