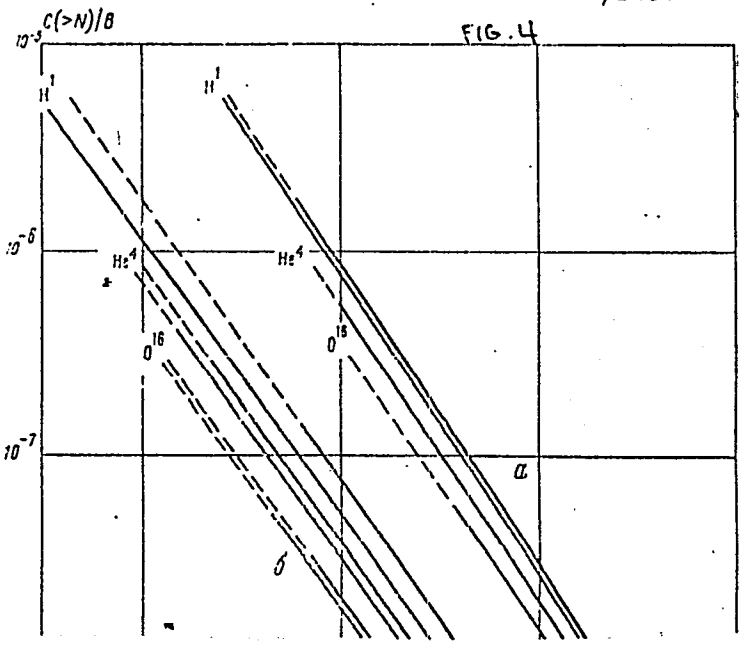
Calculation of some characteristics ...

S/056/61/040/002/036/047
B102/B201

FIG. 4



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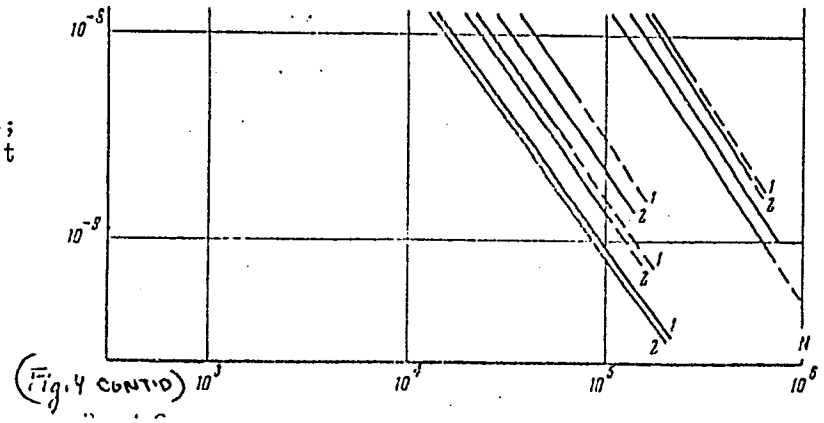
S/056/61/040/002/036/047
B102/B201

Legend to Fig. 4:
Shower spectrum with respect to particle number;
b) at sea level,
a) at the Pamirs;
1) taking account of fluctuations;
2) without them.



(Fig. 4 contd)

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Calculation of some characteristics ...

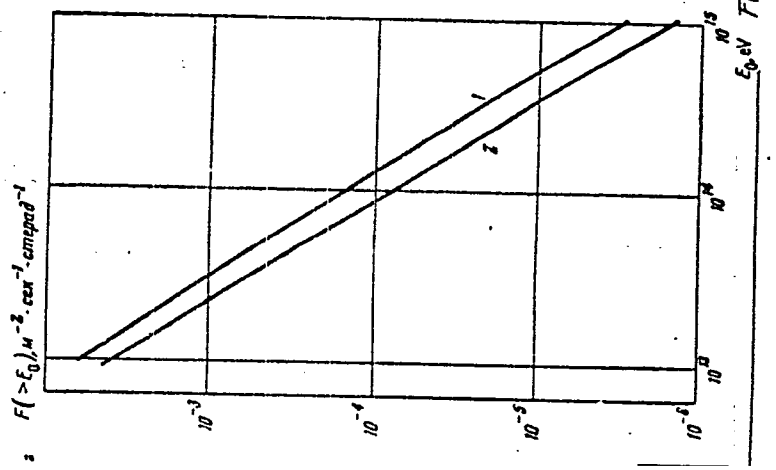

Fig. 5

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S/048/62/026/005/020/022
B108/B102

3.2410

AUTHORS: Goryunov, N. N., Dedenko, L. G., and Zatsepin, G. T.

TITLE: Nature of the primary component of cosmic radiation in the high-energy range and extensive atmospheric showers

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26, no. 5, 1962, 685 - 688

TEXT: It is concluded from experimental evidence that at primary particle energies above 3.10^{15} ev the exponent of the shower spectrum changes considerably, viz., from 1.7 at low energies ($< 3.10^{15}$ ev) to 2.2. at high energies. This may be due either to a change in the exponent of the source spectrum, or to a decrease in the accumulation factor from a certain magnetic hardness onward, which might be caused by high-energy particles elapsing from our Galaxy. Showers induced by heavy nuclei exhibit less fluctuations in their characteristics than do proton-induced showers, and have an unusually high muon component. The characteristics of showers with

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a great number of particles vary less than do those of showers involving fewer particles. The decrease in fluctuations observed at a higher exponent in the spectral law indicates that heavy nuclei are the predominant primary component at high energies. There are 2 figures.

ACCESSION NR: AP4037601 S/0056/64/046/005/1859/1864

AUTHOR: Dedenko, L. G.

TITLE: Calculation of the fluctuations in the total number of muons in extensive air showers

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1859-1864

TOPIC TAGS: cosmic ray shower, muon, cascade, primary radiation, primary particle, cosmic ray, cosmic ray intensity, cosmic ray measurement, cosmic ray particle

ABSTRACT: The total number of muons with energy $E > 10$ BeV due to primary protons with energies 10^{13}, 10^{14}, and 10^{15} eV were calculated at sea level and at mountain altitude (640 g/cm^2) was calculated by the method of successive generations (G. T. Zatsepin and I. L. Rozental', DAN SSSR 99, 369, 1954). A unique connection was assumed to exist between the total number of muons and the energy of the

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ACCESSION NR: AP4037601

primary particles in an extensive air shower, and the calculation was based on model of nuclear interactions developed by the author with G. T. Zatsepin (L. G. Dedenko and G. T. Zatsepin, Transactions of International Conference on Cosmic Rays, v. 2, AN SSSR, 1960, p. 222; L. G. Dedenko, ZhETF, v. 40, 630, 1961). The results were used to calculate the probability distribution function of the number of muons in a shower with specified number of particles and the probability distribution function of the number of particles in a shower with a specified number of muons as functions of the primary radiation of complex composition at sea level and at the mountain altitude. The results confirm the conclusion by Fomin and Khristiansen (ZhETF, v. 46, No. 6, 1964) that the composition of the primary radiation on air in the energy range 10^{15}--10^{16} does not differ substantially from the composition at lower energies. The possibility of determining the interaction range of the primary particles, postulated by Fukui et al. (Prog. Theor. Phys. Supp. v. 16, 1, 1960) is refuted in view of evidence that the first collision does not play

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ACCESSION NR: AP4037601

a decisive role in extensive air showers. "The author thanks Professor G. T. Zatsepin for help in the work." Orig. art. has: 3 figures and 14 formulas.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta (Nuclear Physics Institute, Moscow State University)

SUBMITTED: 03Dec63 DATE ACQ: 09Jun64 ENCL: 00

SUB CODE: AA, NP NR REF SOV: 010 OTHER: 003

Card 3/3

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000309910019-9"

L 4466-66 EWT(m) DIAAP

ACC NR: AP5024643 SOURCE CODE: UR/0048/65/029/009/1722/1724

AUTHOR: Dedenko, L. G.

ORG: none

TITLE: A new method of solving the nuclear cascade equation /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1965, 1722-1724

TOPIC TAGS: cosmic ray shower, integrodifferential equation, mathematic method, approximate solution

ABSTRACT: A new method is proposed for solving the cascade equations, and the integrodifferential equation for the energy-depth distribution of pions in the presence of a known nucleon flux is discussed as an example. Advantage is taken of the fact that pions of a given energy can be produced only by pions of considerably higher energy (and by nucleons), so that the highest energy pions arise only from the nucleons. The pion distribution function is therefore calculated for the highest energies with the cascade equation from which the integral describing pion production by pions has been dropped; since the nucleon distribution is assumed known, this equation is a simple differential equation and can be easily solved. This high energy solution is then substituted into the pion-pion production integral and the resulting differential

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L 4466-66

ACC NR: AP5024643

equation is solved for the pion distribution function for somewhat lower energies. This process is continued step by step until the distribution function has been calculated for the lowest significant energies. The proposed method is considerably more efficient than the method of successive generations, and it makes less demands on the memory of the computer. The relative efficiencies of the two methods is discussed in the language of information theory; the clarity of this discussion is not enhanced by the fact that it is presented before the method itself is described. In conclusion, the author expresses his deep gratitude to O.T. Zaitsepin for assistance with the work. Orig. art. has: 13 formulas.

SUB CODE: NP, MA SUBM DATE: 00/ ORIG REF: 002/ OTH REF: 001

Card 2/2

L 4473-66 EWT(l)/EWT(m)/FCC/T/EWA(h) IJP(c) GW

ACC NR: AP5024644 SOURCE CODE: UR/0048/65/029/009/1725/1727

AUTHOR: Dedenko, L. G.

ORG: none

TITLE: Dependence of the average characteristics of extensive air showers on the model describing the interaction of nucleons with nuclei /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1965, 1725-1727

TOPIC TAGS: primary cosmic ray, secondary cosmic ray, nucleon interaction, inelastic interaction, extensive air shower, muon

ABSTRACT: Many average characteristics of extensive air showers have been calculated with the aid of a computer by the method recently proposed by the author (Izv. AN SSSR Ser. fiz., 29, 1722, 1965 /see Abstract AP5024643/) on the basis of four different models of the nucleon - nucleus interaction, and some of the results are presented and discussed. The interaction models on which the calculations were based are the one-, two-, and many-fireball models and a model similar to that of R.A.Nymmik and V.Ya. Shestoperov (Izv. AN SSSR Ser. fiz., 29, 1693, 1965 /see Abstract AP5024636/). In all the models account was taken of the production of small numbers of exceptionally energetic pions by the isobar mechanism, but the details of the models are not given. The

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L 4473-66

ACC NR: AP5024644

relation between the total number of particles in a shower at 5.6 km altitude and the primary energy depends only slightly on the interaction model, but the ratio of the number of showers with more than 10^6 particles at 12 km to the number of such showers at sea level is strongly model dependent. This ratio, however, also depends strongly on the composition and spectrum of the primary cosmic rays and on the interaction free path of the nuclear-active particles. The ratio of the depth integral of the total number of particles down to 3.3 km, which is proportional to the intensity of the Cerenkov flash at that altitude, to the primary energy is nearly independent of the interaction model, and this integral (or the Cerenkov flash) can be reliably employed to obtain data on the primary spectrum. Also briefly discussed are the number of high energy muons and the dependence of the energy in the electron-photon component on the total number of particles in the shower. In conclusion, the author expresses his deep gratitude to G.T.Zatsepin for assistance with the work. Orig. art. has: 4 figures.

SUB CODE: NP/ SUBM DATE: 00/ ORIG REF: 003/ OTH REF: 001

Card 2/2

ACC NR: AP7005443 SOURCE CODE: UR/0367/66/004/003/0578/0584

AUTHOR: Amineva, T. P. Dedenko, L. G.; Nikol'skiy, S. I.

ORG: Physics Institute im. P. N. Lebedev, AN SSSR (Fizicheskiy institut AN SSSR)

TITLE: Comparison of the mean characteristics of extensive atmospheric showers with nuclear cascade avalanches, calculated under various assumptions regarding nucleon-nucleus interactions

SOURCE: Yadernaya fizika, v. 4, no. 3, 1966, 578-584

TOPIC TAGS: nucleon interaction, cosmic radiation

ABSTRACT: Experimental data on extensive atmospheric showers are compared with calculations of nuclear cascade avalanches for three different assumptions concerning the character of the elementary interaction between a nucleon and a nucleus of an atom in the atmosphere fluctuations of the shower production height and the complex composition of the primary cosmic radiation are taken into account in calculations of the mean characteristics. Among the considered models for interaction of the nucleon - nucleus of atmospheric atoms the two-fireball model results in the least disagreement with experiments. Orig. art. has: 4 figures and 3 tables. [JPRS: 38,764]

SUB CODE: 20 / SUBM DATE: 15Jan66 / ORIG REF: 005 / OTH REF: 002

Card 1/1

0936 2318

ACC NR: AP7007076 SOURCE CODE: UR/0048/66/030/010/1577/1580

AUTHOR: Denisov, Ye. V.; Dedenko, L. G.; Dubrovina, S. A.; Kotel'nikov, K. A.; Morozov, A. Ye.; Ogurtsov, O. F.; Sokolovskiy, V. V; Slavatinskiy, S. A.; Fetisov, I. N.

ORG: Physics Institute im. P. P. Lebedev, AN SSSR (Fizicheskiy institut AN SSSR)

TITLE: Nuclear cascade process in an ionization calorimeter [Paper presented at the All-Union Conference on Cosmic radiation physics, Moscow, 15-20 Nov 1965]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 10, 1966, 1577-1580

TOPIC TAGS: pi meson, calorimeter, proton

SUB CODE: 20

ABSTRACT: Results of the calculation of the nuclear cascade process in an iron absorber were correlated with experimental data obtained on the ionization calorimeter of the Tyan'-Shan' Cosmic Ray Station. It was established that at E_0 = 300 Bev approximately 30% of the energy spent being carried away by strongly ionizing particles ("black tracks"), and the rest by protons with an energy of $\sim$ 150 Mev ("grey tracks"). Errors in the measurement of E_0 = 200 Bev associated with fluctuations in the recording of strongly ionizing particles amounted to $\sim$ 12% ($\sim$ 11% for "black tracks" and $\sim$ 4% for "grey tracks"). In measurements by means of an ionization calorimeter of the energy transmitted to π^0 mesons, ionization produced by particles originating from nuclear splitting must be considered. The authors thank N. A. Dobrotin and V. S. Murzin for valuable critical observations, V. G. Ignat'yevaya, Z. G. Yereminaya,

Card 1/2

ACC NR: AP7007076

L. V. Shibayevaya and N. S. Kochurkinaya for processing the experimental data. Orig. art. has: 2 figures, 2 formulas and 1 table. [JPRS: 39,658]

TERENT'YEV, A.P.; GRACHEVA, R.A.; TITOVA, L.F.; DEDENKO, T.F.

New method for the production of optically active aspartic acid. Dokl. AN SSSR 154 no.6:1406-1408 F '64. (MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. 2. Chlen-korrespondent AN SSSR (for Terent'yev).

TERENT'YEV, A.P.; GRACHEVA, R.A.; DEDENKO, T.F.

Synthesis of optical isomers of β-aminobutyric acid. Dokl. AN SSSR 163 no.2:386-389 Jl '65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet. 2. Chlen-korrespondent AN SSSR (for Terent'yev).

DEDERER, M.N.

DEDERER, M.N.

Using synthomycin in toxic froms of diphtheria. Sov.med. 21.Supplement: 3 '57. (MIRA 11:2)

1. Iz Barnaul'skoy gorodskoy bol'nitsy.
(CHLOROMYCETIN) (DIPHTHERIA)

DEDERER, Yu.M.

Echinococcus in the retroperitoneal space simulating inguinal hernia. Khirurgiia, no.11:77 N '55. (MLRA 9:6)

1. Iz khirurgicheskogo otdeleniya Barnaul'skoy gorodskoy bol'nitsy.
(ABDOMEN--HYDATIDS) (HERNIA)

DEDERER, Yu.M.; KUZNETSOV, L.A.

Bilateral spontaneous pneumothorax in foreign bodies of the trachea and bronchi. Vest.oto-rin 17 no.4:42-44 Jl-Ag '55. (MLRA8:10)

1. Iz Barnaul'skoy gorodskoy bol'nitsy.

(TRACHEA, foreign bodies,
causing pneumothorax, bilateral)
(BRONCHI, foreign bodies,
causing pneumothorax, bilateral)
(FOREIGN BODIES,
bronchi & trachea, causing bilateral pneumothorax)
(PNEUMOTHORAX, etiology and pathogenesis,
for. bodies of bronchi & trachea bilateral pneumothorax)

DNDERER, Yu.M.

On the history of the treatment of acute intestinal obstruction in Russian surgery. Khirurgiia 33 no.4:153-156 Ap '57. (MLRA 10:7)

1. Iz 2-y kafedry khirurgii (dir. - chlen-korrespondent AMN SSSR prof. A.A.Vishnevskiy) TSentral'nogo instituta usovershenstvovaniya vrachey.
(INTESTINES--OBSTRUCTION)

DEDERER, Yu. M., Cand Med Sci (diss) -- "Acute intestinal stoppage. Material from the hospitals of Altay Kray". Novosibirsk, 1958. 19 pp (Min Health USSR, Central Inst for the Advanced Training of Physicians, Second Chair of Surgery, Novosibirsk State Med Inst), 250 copies (KL, No 15, 1960, 139)

DEDERER, Yu.M.

Contraindications to surgery in acute intestinal obstruction [with summary in English]. Khirurgiia 34 no.7:32-35 Jl '58 (MIRA 11:9)

1. Iz II khirurgicheskogo otdeleniya (zav. otdeleniyem - zaslushennyy vrach RSFSR A.N. Chegletsov [deceased]) Barnaul'skoy gorodskoy bol'nitsy (glavnyy vrach - zaslushennyy vrach RSFSR R.I. Vas'kova).
(INTESTINAL OBSTRUCTION, surgery
contraindic. (Rus))

DEDERER, Yu.M. (Altayskiy kray, Barnaul, Prospekt Kalinina, d.3, kv.6)

Volvulus. Nov.khir.arkh. no.4:82-86 Jl-Ag '59. (MIRA 12:11)

1. Vtoroye khirurgicheskoye otdeleniye (zav. - zasluzhennyy vrach RSFSR A.N.Chegletsov) Barnaul'skoy gorodskoy bol'nitsy.
(INTESTINES--OBSTRUCTIONS)

DEDERER, Yu.M. (Altayskiy kray, g. Barnaul, pr. Kalinina, d.3, kv.6)

Fibroma of the small intestine complicated by profuse intestinal hemorrhages. Vop.onk. 5 no.3:372 '59. (MIRA 12:12)

1. Iz kafedry obshchey khirurgii (zav. - dots. P.P. Rakhtanov) Altayskogo gosudarstvennogo meditsinskogo instituta (dir. - dots. F.M. Kolomiytsev) v Barnaule.

(INTESTINES--TUMORS) (HEMORRHAGE)

AVDYUNICHEV, V.I.; [redacted]

Hemorrhages from varicose dilation of the esophageal veins and the cardial portion of the stomach. Khirurgiia 35 no.12:90-91 D '59. (MIRA 13:6)

1. Iz kliniki obshchey khirurgii (zav. - dotsent P.P. Bakhtanov) Altayskogo gosudarstvennogo meditsinskogo instituta.
(ESOPHAGEAL VARICES complications)
(HEMORRHAGE GASTROINTESTINAL etiology)

DAVYDOVA, N.A.; DEDERER, Yu.M.

Unusual forms of intestinal obstruction in a newborn infant. Pediatriia 37 no.10:28-30 O '59. (MIRA 13:2)

1. Iz kafedry patologicheskoy anatomii (zaveduyushchiy - prof. A.G. Varshavskiy) i kafedry obshchey khirurgii (zaveduyushchiy - dotsent P.P. Rakhtanov) Altayskogo meditsinskogo instituta (direktor - dotsent F.M. Kolomiytsev).
(INFANT NEWBORN dis.)
(INTESTINAL OBSTRUCTION in inf. & child.)

DEDERER, Yu.M.

Phlegmon of the stomach in polyposis. Khirurgiia 35 no.4: 116-117 Ap '59. (MIRA 12:8)

1. Iz kafedry obshchey khirurgii (zav. - dots. P.P.Rakhtanov) Altayskogo gosudarstvennogo meditsinskogo instituta (dir. - dots. F.M.Kolomiytsev).

(PHLEGMON, case reports
stomach, with polyposis (Rus))
(POLYPI, case reports
stomach, with phlegmon (Rus))
(STOMACH, dis.
phlegmon, with polyposis (Rus))

DEDERER, Yu.M. (Barnaul, pr. Kalinina, d.3, kv.6)

Acute intestinal obstruction based on neoplasms of the intestine.
Vest.khir. 83 no.8:98-100 Ag '59. (MIRA 13:1)

1. Iz 2-go khirurgicheskogo otdeleniya (zav. - zasluzhennyy vrach RSFSR A.N. Chegletsov) Barnaul'skoy gorodskoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR R.I. Vas'kovan).
(INTESTINAL OBSTRUCTION etiol.)
(INTESTINES neoplasms)

AVDYUNICHEV, V.I.; DEDERER, Yu.M.

Thrombosis of the intestinal mesenteric veins. Khirurgiia 35 no.9: 119-121 '59. (MIRA 13:12)
(MESENTERY--BLOOD SUPPLY) (THROMBOSIS)

DEDERER, Yu.M.; KRYLOVA, N.P.

Large fibroma of the large intestines. Vop. onk. 6 no.6:95-97 Je '60. (MIRA 14:3)

(COLON—TUMORS)

DEDERER, Yu.M.; DYAGILEVA, L.P.; SUKHOVEYEVA, Ye.Ya.

Surgery for a patient with a PPT factor deficiency during a hemolytic crisis simulating acute appendicitis. Probl. gemat. i perel. krovi 6 no.3:49-53 Mr '61. (MIRA 14:3)
(HEMOPHILIA) (APPENDICITIS)
(HEMOLYSIS AND HEMOLYSINS)

DEDERER, Yu.M., dotsent (Barnaul, pr.Kalinina, d.3,kv.6)

Intestinal intubation through a gastrostoma for the purpose of removing a postoperative paralytic obstruction of the intestines. Klin.khir. no.7:41-45 Jl '62. (MIRA 15:9)

1. Kafedra gospital'noy khirurgii (zav. - prof.A.V.Ovchinnikov) Altayskogo meditsinskogo instituta.
(INTESTINES--OBSTRUCTIONS) (INTESTINES--INTUBATION)

DEDERER, Yu.M.

Content of ascorbic acid in some organs of animals in intestinal obstruction. Eksper. khir. i anest. 8 no.3: 68-70 My-Je '63
(MIRA 17:1)

1. Iz kafedry obshchey khirurgii (zav. - dotsent P.P.Rakhtanov) i kafedry biokhimii (zav. - prof. I.I.Matusis) Altayskogo meditsinskogo instituta.

DERKER, Yu.M., ordinator

Methodology for the evaluation of the intestinal content before operations for acute intestinal obstruction. Zav. med. 27 no.10: 131-133 O '63. (MIRA 17:6)

1. Iz kafedry gospital'noy khirurgii (zav.-prof. A.V. Ovchinnikov) Altayskogo meditsinskogo instituta.

DEDERER, Yu.M., dotsent; SUKHOVEYEVA, Ye.Ya.

Diagnostic significance of the study of the blood coagulation system in gastrointestinal hemorrhage. Khirurgiia 39 no.8: 82-88 Ag '63. (MIRA 17:6)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. A.V. Ovchinnikov) i kafedry propedevtiki vnutrennikh bolezney (zav.- dotsent Z.S. Barkagan) Altayskogo meditsinskogo. instituta.

DEDERER, Yu.M.; POLISHKIN, B.V.; GORDELADZE, A.S. (Barnaul)

Changes in the serotonin content of the gastrointestinal tract in experimental intestinal obstruction in rats. Pat. fiziol. i eksp. terap. 8 no.1:52-55 Ja-F '64. (MIRA 18:2)

1. Kafedry gospital'noy khirurgii, patofiziologii, patoanatomii Altayskogo meditsinskogo instituta, Barnaul.

DEDERER, Yu.M., dotsent

Measuring the volume of circulating blood in strangulated intestinal obstruction in an experiment. Trudy TSIU 71: 146-155 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov) TSentral'nogo instituta usovershenstvovaniya vrachey.

DEDERSKA, I., Cand of Med Sci -- (diss) "Clinic and Treatment of a Congenital Cleft Palate," Moscow, 1959, 10 pp (Central Institute for the Advanced Training of Physicians) (KL, 6-60, 125)

DEDESH, V.T. (Moskva)

Some cases of the similarity of transient processes in single-stage nonlinear control systems. Avtom. i telem. 22 no.6:801-802 Je '61. (MIRA 14:7)

(Automatic control)

S/081/62/000/001/015/067
B156/B101

AUTHORS: Verkhovod, B. N., Kozhbanova, M. O., Dedeshko, M. P., Vyatchennikova, N. V.

TITLE: Spectrochemical determination of certain rare earths using the ДФС-3 (DFS-3) spectrograph

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1962, 143, abstract 1D67 (Tr. In-ta geol. nauk KazSSR, v. 4, 1961, 136-138)

TEXT: Rare earth elements (REE) are separated by chemical methods from the corresponding minerals, solutions of which are so treated as to produce the REE in the form of oxalates (the chemical treatment technique is not described). The REE mixture is first diluted in 10-50 times the amount of carbon powder, and then in twice the amount of a powder containing 0.2% Sc as an internal standard. Standards are made from REE oxides on a $CaCO_3$ base. The powders are placed in a hole 4 mm in diameter and 4 mm deep in the lower carbon electrode (the wall thickness remaining is 0.5 mm); the

DEDESHKO, M.P.; SATPAYEVA, T.A.; FAYN, E.Ye.

Study of the chemical composition of a rhenium mineral from Dzhezkazgan ores. Vest. AN Kazakh.SSR 20 no.11:47-53 N '64. (MIRA 18:2)

DEDEYEV, V. A.

"The Relationship of the Polar Urals to Adjacent Folded Regions." p. 371

Geologicheskiy sbornik, 3, (Collection of Articles in Geology, Vol. 3), Leningrad Gostoptekhizdat, 1958, 471pp. (Trudy, vyp 126, Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut)

PEDEYEV, V. A.: Master Geolog-Mineralo Sci (diss) -- "The geological structure and outlook for finding oil in the Shchuch'ye synclinorium (eastern slope of the Polar Urals)". Leningrad, 1958. VNIGRI. 20 pp (Min Geology and Preservation of Natural Resources USSR, All-Union Oil Sci Res Geological-Prospecting Inst VNIGRI), 170 copies (KL, No 6, 1959, 128)

DEDEYEV, V.A.

Oil potential of Paleozoic sediments in the Shchuch'ya area.
Geol. nefti 2 no.4:17-21 Ap '58. (MIRA 11:5)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut.
(Shchuch'ya Valley--Petroleum geology)

DEDEYEV, V.A.

Facies and geologic history of the middle Paleozoic in the eastern slope of the Polar Urals. Trudy VNIGRI no.131:111-137 '59. (MIRA 12:9)

(Ural Mountains--Geology)

DEDEYEV, V.A.

Devonian stratigraphy of the Shchur'ya synclinorium (eastern slope of the Polar Urals). Trudy VNIGRI no.140: 5-39 '59. (MIRA 13:6)
(Ural Mountains—Geology, Stratigraphic)

DEDEYEV, V.A.; LAPINA, N.N.

Stratigraphy and brachiopods of Carboniferous deposits on the eastern slope of the Arctic Urals. Trudy VNIGRI no.154:142-166 '60. (MIRA 13:9)
(Shchuch'ye Valley--Brachiopoda, Fossil)
(Paleontology, Stratigraphic)

DEDEYEV, V.A.; NALIVKIN, V.D.; SIMONENKO, T.N.; SOKOLOV, V.N.; SHABLINSKAYA

Structure of the Pre-Middle Jurassic basement of the West Siberian Plain in the light of new data. Sov. geol. 5 no.7:26-40 Jl '62. (MIRA 15:7)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut i Nauchno-issledovatel'skiy institut geologii Arktiki.
(West Siberian Plain--Folds (Geology))

DEDKYEV, V.A.

Concerning V.B. Neiman's book "Methods for paleotectonic analysis for use in platform areas." Sov. geol. 6 no.11: 169-171 N '63. (MIRA 17:1)

DEDEYEV, V.A.; SOROKIN, V.A.

Prospects for finding oil and gas in the Mesozoic sediments of Timan-Pechora province. Neftegaz. geol. i geofiz. no.9: 9-12 '64. (MIRA 17:11)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut, Leningrad.

NALIVKIN, V.D.; DEDEYEV, V.A.; IVANTSOVA, V.V.; KATS, Z.Ya.; KRUGLIKOV, N.M.; LAZAREV, V.S.; SVERCHKOV, G.P.; CHERNIKOV, K.A.; SHABLINSKAYA, N.V.; Prinimal uchastiye: ZHABREV, I.P.; ROZANOV, L.N.; SOFRONITSKIY, P.A.; KHAIN, V.Ye.; SIMONENKO, T.N.; SOKOLOV, V.N.; YAKOVLEV, O.N., gidrogeolog

[Comparative analysis of the oil and gas potential and the tectonics of the West Siberian and Turan-Scythian platforms.] Sravnitel'nyi [illegible]neftegazonosnosti i tektoniki Zapadno-Sibirskoi i Turano-Skifskoi plit. Leningrad; Nedra, 1965. 322 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.236) (MIRA 18:6)

DENIC B. ; ZATEZALO, M.

Corrosion of arms. p. 888.

VOJNO-TEHNIKI GLASNIK. Beograd, Yugoslavia. Vol. 3, no. 12, Dec. 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959.

Uncl.

DEDIC, B.

"Corrosion of hydraulic equipment and the importance of the artificial recoil system in artillery weapons."

p. 769 (Vojno-Tehnicki Glasnik) Vol. 5, no. 10, Oct. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

DEDIC, G., GOMBACH, G. and VICARI, M.

"Elucidation of the inhibitory factor and its formation i Aspergullus clavatus and Penicillium expansum" Monatsh, 83, pp 377-85, 1952.

The influence of pH (3.7-4.2) on optimal formation of the inhibitory factor is described. Bactericidal and bacteriostatic properties were checked by using Micrococcus pyogenes var. aureus. The influences of ultraviolet irradiation, aeration, growth requirements, vitanims, trace elenents, synthetic media, and amino acids on A. clavatus are discussed. The isolation of the inhibitory factor as a cryst. material from the culture filtrates of both P. expansum and A. clavatus is described. The material is evapd. to 50 cc. in Claissen flasks at 60-70° under diminished pressure. The concd. material is extd. with in a desiccator over silical gel. The cryst. material appears in a few days under anhyd. conditions. The physicochem. and biol. properties are described.

Steven Carson

DEDIC, H.

Compounds of the Group V elements with mercury. II. Mercury arseno-iodide $Hg_3As_2I_4$ and mercury antimono-iodide $Hg_3Sb_2I_4$. D. Grdenić, K. Strunjak, and H. Dedić (Univ. Zagreb, Yugoslavia). *Arhiv kem.* 27, 59–63 (1955) (in English); cf. *C.A.* 48, 9855e.—The prepn., analyses, and properties of new compds. $Hg_3As_2I_4$ (I) and $Hg_3Sb_2I_4$ (II) are given. For prepg. I, 2.3 g.-atoms of Hg and 1 mole of AsI_3 were heated 10 hrs. in a sealed hard-glass tube 1 cm. in diam. and 25 cm. long, air having been previously displaced by dry CO_2. Heating at 250°, with a third of the tube in an Al block, produced on the upper parts of the tube crystals of Hg_2I_2 and HgI_2 mixed with small amts. of a brown undefined powder and drops of Hg, and at the bottom reddish brown crystal agglomerates of I. By heating the latter in a sealed glass tube as before, pure I was obtained. For prepg. II, 3.5 g.-atoms Hg and 1 mole of SbI_3 were used in the same way as with I. The temp. of the Al block was first maintained 1 hr. at 210°, then 4 hrs. at 300–10°. As a result, there were obtained Hg iodides, drops of Hg, small amts. of an undefined brown product, and at the bottom a black cryst. cake of II, which, purified as in the case of I, gave sintered crystal agglomerates of II. Chem. analyses of several purified prepns. of I and II agree with the formulas given. Crystals

(over)

of II are dark gray, nearly black with a violet tinge, and are dark gray in the transmitted light. X-ray investigation of II gave $a = 21.22$ A., $c = 8.09$ A., the crystals being tetragonal. Calcd. d. is 5.52 g./cc.; pienometrically d. is 5.40 g./cc. I and II do not change upon treatment with cold H_2O or acids, but are quickly destroyed by warm concd. HNO_3 or H_2SO_4, in the latter case yielding iodine, and blacken in HCl. I blackened upon short exposure to daylight, but this effect is limited to a thin surface layer only. Neither I nor II is sensitive to air at room temp., they ignite on heating, yielding HgI_2 and Hg, and As or Sb oxide. Both I and II are destroyed by warm 6*N* KOH, with no gas evolution, leaving a gray powdery residue contg. the total amt. of Hg. The total amt. of I and half of the total amt. of As or Sb were in the alk. soln., the other half remaining in the residue in elementary state mixed with Hg. It is postulated that atoms of As or Sb together with Hg atoms form in the unit cells of I or II tridimensional polymeric octahedra, sharing all corners. The remaining enbodetahedral cavities accommodate the large iodo-arsonium or iodostibonium ions. N. Flavitz

STAMBERG, Karel; DEDIC, Karel

Pressure loss in the passage of slurries through a column with pulsed ion-exchange bed. Chem prum 13 no.6:300-303 Je '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

DRAKULIC, Dusan, inz. (Beograd, Neznanog junaka 19); DEDIC, Ljubomir, inzh., geolog.

Structural composition of the Upper Cretaceous sediments of Mokra Gora and Beli Rzav. Tehnika Jug 18 no.10:Supplement: Rudarstvo metalur 14 no.10:1858-1864 0'63.

1. Sef geoloske sluzbe Preduzeca za istrazivanje i eksploataciju gvozdene rude u izgradnji, Titovo Uzice (for Drakulic).
2. Preduzece za istrazivanje i eksploataciju gvozdene rude u izgradnji, Titovo Uzice (for Dedic).

DEDIC, M.

Experiences in the use of topographic data instudies of storage basins. p. 373

ELEKTROPRIVREDA, Beograd, Vol 9, No. 7, July, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct. 1956

DEDIC, Milivoj

MAGARASEVIC, Mileta, doc. dr.; DEDIC, Milivoj, dr.

Prolapse of gastric mucosa through pylorus. Srpski arh. celok. lek. 82 no.5:592-599 My '54.

1. Radioloski Institut Medicinskog fakulteta u Beogradu, upravnik prof. dr. Stojan Dedic.
(STOMACH, dis.
*mucosal prolapse)

JANKOVIC, Ivan; DEDIC, Milivoje

Radiological aspects of pseudocyst of pancreas. Srpski arh. celok. lek. 84 no.12:1417-1424 Dec 56.

1. Radioloski institut Medicinskog fakulteta u Beogradu Upravnik: Bogoljub Bosnjakovic.
(PANCREAS, cysts
pseudocysts, x-ray aspects (Ser))

JANKOVIC, Ivan; DEDIC, Milivoj

Results of the treatment of pulmonary carcinoma by means of a classical method of roentgen therapy. Srpski arh. celok. lek. 88 no.1:63-68 Ja '60.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu, Upravnik: prof. dr Bogoljub Bosnjakovic.
(LUNG NEOPLASMS radiother.)

DEDIC, Milivoj

Pseudo-coarctation of the aorta — tortuosity of the aorta. Srpski arh. celok. lek. 89 no.10:1217-1224 O '61.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr Bogoljub Bosnjakovic.

(AORTA abnorm) (AORTIC COARCTATION diag)

DEDIC, Milivoj; NESIC, Bogosava

Chronic fibrous mediastinitis with obstruction of the superior vena cava probably due to histoplasmosis. Srpski arh. celok. lek. 90 no.7/8:773-780 Jl-Ag '62.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr. Bogoljub Bosnjakovic. Pedijatrijska klinika Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr. Borivoje Tasovac.
(MEDIASTINITIS) (HISTOPLASMOSIS)
(VENA CAVA SUPERIOR)

YUGOSLAVIA

Milivoj DEDIC, First Surgical Clinic of Medical Faculty of University (I hirurska klinika Medicinskog fakulteta Univerziteta), Head (Upravnik) Prof Dr Bogdan KOSANOVIC, Belgrade.

" 'Kissing Ulcers' of the Stomach "

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 91, No 1, Jan 63; pp 79-85.

Abstract [English summary modified]: Report of 2 cases with typical "kissing ulcers" as seen radiographically in the stomach. In both, the primary (i.e. older presumably because larger) was on the posterior wall of stomach. Good response to dietary and medical treatment. Six x rays; 5 Western references.

1/1

DEDIC, Milovoj

Contribution to the etiology of linitis plastica. Srpski arh. celok. lek. 91 no.12:1233-1242 D '63.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Bogoljub Bosnjakovic).

[redacted]

DENIL, M.

Hydrometric data treatment at the hydrologic stations. Meteorologia hidrol gosp 8 no.4:180-188 '64

DEDIC, Stanislav; GRIGAR, Ervin

Production of microdrills. Stroj vyr 10 no.8:407 '62.

1. Zavody Rijnove revoluce, n.p., \setin.

DEDIC, Stojan, prof. dr.

Small heart in adult. Med. glasn. 8 no.10:345-351 Oct 54.

1. Radioloski institut Medicinskog fakulteta u Beogradu (upravnik prof. dr. S.Dedic)
(HEART
small heart in adult, physiol.)

DEDIC, Stojan, prof. dr.

Radiological differentiation of the pulmonary tuberculosis.
Srpski arh. celok lek. 82 no.9:1114-1122 Sept 54.

1. Radioloski institut Medicinskog fakulteta u Beogradu, upravnik prof. dr. Stojan Dedic.
(TUBERCULOSIS, PULMONARY, differ. diag.
x-ray)

DEDIC, Stojan; RADIVOJEVIC, Stevka; MARKOVIC, Milan; KASTRATOVIC, Milica

Results of radiological treatment of neoplasms of the uterine neck and of parametrium. Srpski arh. celok. lek. 85 no.5:522-534 Mar 57.

1. Radioloski institut Medicinskog fakulteta u Beogradu. Upravnik: Bosnjakovic.

(CERVIX NEOPLASMS, ther.
radiother.)
(UTERUS NEOPLASMS, ther.
radiother. of cervix & parametrium cancer (Ser))

DEDICH, Georgiye (Belgrad, Federativnaya Narodnaya Respublika Yugoslavii)

Testing scales for weighing motor vehicles. Izm.tekh. no.7:10-12 '61. (MIRA 14:6)

(Scales(Weighing instruments)—Testing)

S/078/62/007/010/008/008
B144/B186

AUTHORS: Korovin, S. S., Dedich, K., Lebedeva, Ye. N., Reznik, A. M.

TITLE: Extraction of zirconium and hafnium from mixtures of nitric and perchloride acids by tributyl phosphate

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 10, 1962, 2475-2477

TEXT: Zr and Hf were extracted at a constant total acid concentration of 6 moles/liter and at various HNO_3:$HClO_4$ ratios by using 50 % (1.83 moles per liter) solution of tributyl phosphate (TBP) in o-xylene. The maximum distribution coefficients, α_{Zr} = 320 and α_{Hf} = 21, were obtained at an HNO_3:$HClO_4$ ratio of 1:5. If this ratio is changed in favor of HNO_3 the extraction by $HClO_4$ drops, and it becomes practically zero at HNO_3 concentrations above 3 moles/liter. Suggested explanations of the strong increase in the distribution coefficients for extraction from solutions containing HNO_3 + $HClO_4$ are: (1) Formation of mixed complexes of the type $Zr(NO_3)_x(ClO_4)_{4-x}\cdot 2TBP$; (2) in $HClO_4$ solutions, the degree of poly-

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merization of nitric Zr is lower than in HNO_3 solutions; (3) effect of the acid activity coefficients being changed in mixed solutions; (4) presence of free TBP in the organic phase at HNO_3 concentrations up to 2 moles/liter in the aqueous phase; this phenomenon will be the subject of further studies. There are 1 figure and 1 table.

ASSOCIATION: Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M. V. Lomonosova (Moscow Institute of Fine Chemical Technology imeni M. V. Lomonosov). Kafedra tekhnologii redkikh i rasseyannykh elementov (Department of Technology of Rare and Trace Elements)

SUBMITTED: January 22, 1962

KOROVIN, S.S.; LEBEDEVA, Ye.N.; DEDICH, K.; REZNIK, A.M.; ROZEN, A.M.

Extraction of nitric and perchloric acids from their mixtures by n-tributyl phosphate. Zhur. neorg. khim. 10 no.2:518-523 F '65. (MIRA 18:11)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova, kafedra khimii i tekhnologii redkikh i rasseyannykh elementov. Submitted April 15, 1964.

DEDICS, I.

Development of postal service since the liberation. p. 126.
KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest.
Vol. 6, no. 4, Apr. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no.8, August 1956

DEDICS, I.

Technical Book Days. p. 134. KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest. Vol. 6, no. 4, Apr. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress Vol. 5, no. 8, August 1956

DEDIJER, A.

YUGOSLAVIA/Chemical Technology - Chemical Products and Their Application, Part 2. - Electrochemical Industries, Electroplating, Chemical Sources of Electric Current. H-12

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 47415

Author : Aleksandar Dedijer
Inst : -
Title : Chemical Polishing of Metals.

Orig Pub : Tehnika, 1957, 12, No 4; Hem. ind., 11, No 4, 49-52.

Abstract : Review. Bibliography with 16 titles.

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DEDIJER, Aleksandar, inz.

Scientific research for the needs of chemical industries.
Alm hem ind 197-218.'62.

DEDIKOV, G.A., inzh.

Rules for standardizing the work force of operational telecommunication enterprises. Vest. sviazi 23 no.5:21-22 My '63. (MIRA 17:4)

1. Normativno-issledovatel'skaya gruppa Aktyubinskogo oblastnogo upravleniya svyazi.

DEDIKOVA, L.A.; YUDIN, Yu.G.

Diagnosis and clinical aspects of tumorlike forms of leukemia in children. Vop. klin. pat. no.2:213-222 '61 (MIRA 16:12)

1. Iz pediatricheskoy kliniki (zav. - prof. M.I.Olevskiy) i patomorfologicheskogo otdela (zav. - prof. S.B.Vaynberg [deceased]) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.

DEDIKOV, M.; SHAKHTARIN, Yu.; DUGINA, N.A., tekhnicheskiy redaktor

[Mechanization in industry; work practice of the Sverdlovsk loading and conveying machinery plant] Mekhanizatsiia proizvodstva; iz opyta sverdlovskogo zavoda transportnogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 23 p. [Microfilm] (Machinery in industry) (MLRA 8:2)

DEDIKOV, M.F., svarshchik.

[For great skill in welding] Za vysokoe masterstvo svarki. Sverdlovsk, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry [Uralo-Sibirskoe otd-nie] 1953. 36 p. (MLRA 7:2)
(Welding)

DEDIKOV, M.F.; SHAKHTARIN, Yu.S.; DUGINA, N.A., tekhnicheskiy redaktor

[In the fight for a progressive section; from the work practice of the Sverdlovsk Transport] V bor'be za peredovoi uchastok; iz opyta raboty Sverdlovskogo zavoda transportnogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1954. 29 p. (Machinery industry) (MIRA 8:4)

L 06473-67 EWP(j)/EWT(1)/EWT(m) RM/WW/JW

ACC NR: AP6029215 SOURCE CODE: UR/0076/66/040/006/1417/1420

AUTHOR: Medvedev, V. A.; Dedikov, Yu. A.; Astrov, D. N.

ORG: All-Union Scientific Research Institute of Physicotechnical and Electronic Measurements (Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy)

TITLE: Apparatus for measuring the heat capacity c_p of gases at temperatures from 20°K and higher and pressures up to 500 abs atm

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 6, 1966, 1417-1420

TOPIC TAGS: heat capacity, hydrogen, calorimeter, GAS PROPERTY

ABSTRACT: An apparatus including a constant-temperature flow calorimeter was constructed for the purpose of measuring the heat capacity of gases at temperatures from 20 to 100°K at 500 abs atm. The method on which its operation is based consists in measuring the amount of heat expended in maintaining a constant temperature in the calorimeter through which the gas being studied is flowing; the temperature of the gas at the entrance to the calorimeter is lower than that of the calorimeter. Knowing the temperature of the gas t_1 at the entrance, the amount of heat Q evolved in the calorimeter, the rise in the temperature of the gas inside the calorimeter (t_2-t_1) and the flow rate G (assumed to be constant), one can calculate the specific heat capacity c_p:

$$c_p = \frac{Q-q}{G(t_2-t_1)},$$

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UDC: 541/.545+541.11

L 05473-67
ACC NR: AP6029215

where q is the heat loss of the calorimeter. The apparatus was constructed mainly in order to measure the heat capacity of hydrogen gas, but it can also be used for such gases as helium, nitrogen, oxygen, neon and argon. Experimental data on the c_p of hydrogen obtained with this apparatus indicate a 3% total error in the determination of c_p. Orig. art. has: 2 figures.

SUB CODE: 20/ SUBM DATE: 28Jul65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 mlf

DEDIKOVA, L.A.

Conservative treatment of chronic tonsillitis in children.
Trudy mol. nauch. sotr. MONIKI no.1:82-84 '59 (MIRA 16:11)

1. Iz padietricheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.

LEDINA, KAREL.

TECHNOLOGY

LEDINA, KAREL. Vysokoskolske dalkove studium inzenyrstvi na ceskych vysokych skolach technickych v CSR. Praha, Statni pedagogicke nakl., 1957. 69 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

DEDINA, Z., inz.

Production of steel pipes. Tech praca 14 no.5:396-401 My '62.

1. Nova Hut Klementa Gottwalda, n.p., Ostrava-Kuncice.

DEDINETS, A.I.

Late complications from unextracted foreign bodies in the accessory sinuses of the nose. Zdrav. Bel. 7 no. 4:74-75 Ap '61.
(MIRA 14:4)

1. Iz Orshanskoy gorodskoy bol'nitsy imeni Semashko (glavnyy vrach bol'nitsy M.P. Usevich).
(NOSE, ACCESSORY SINUSES OF--FOREIGN BODIES)

DEDINETS, Ye.

Industry should have safe machinery. Okhr. truda i sots. strakh. 4 no. 2:47-48 F '61. (MIRA 14:2)

1. Zaveduyushchiy sektorom tekhnicheskoy i pravovoy inspektsii otdela okhrany truda Vsesoyuznogo tsentral'nogo soveta profsoyuzov.

(Machinery—Safety appliances)

DEDINETS, Ye.; BABAYANTS, S.

Work of activists. Okhr.truda i sots.strakh. 4 no.11:22 N '61.
(MIRA 14:12)
(Perm Province--Industrial safety)

DEDINETS, Ye.; SORVENKOV, I.

Right course. Okhr. truda i sots. strakh. 5 no.7:15 Jl '62.
(MIRA 15:7)
(KUYBYSHEV PROVINCE--INDUSTRIAL HYGIENE)

DEDINETS, Ye.P.; BOKOV, I.V., tekhnicheskiy inspektor

"Manual for handling explosives" by S.F. Vaskovskii. Reviewed by E.P. Dedinets, I.V. Bokov. Bezop.truda v prom. 2 no.9:36-37 S '58. (MIRA 11:9)

1.Zaveduyushchiy sektorom otdela truda Vsesoyuznogo tsentral'nogo soveta profsoyuzov.
(Explosives)

DEDINSKY, Eduard, inz.

Thermal conductivity of a transient layer between the aluminim squirrel cage and the iron. El tech cas 15 no. 1:13-26 '64.

1. Odborny asistent Katedry elektrickych strojov a pristrojov, Slovenska vysoka skola technicka, Bratislava.

[redacted], Herbert

Demand for engineers, technicians and skilled workers in the machine industry. Dep Lb no.98[redacted] 1964.

DEDINSKY, J.

SURNAME, Given Names

(1)

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Department of Obstetrics and Gynecology (Gynekologicko-porodnicke oddeleni) City Institute of Public Health (MUNZ: Mistni ustav narodneho zdravia) Bratislava

Source: Bratislava, Lekarsky Obzor, Vol X, No 9, 1961; pp 553-560 .

Data: "Experiences with Newer Methods of Diagnosis of Pregnancy"

KLIMENT, V. ; Head (prednosta) of Department above; MD
ZACHAR, V.
VALENT, M.
DEDINSKY, J.

DEDISHIN, Ya.I. [Dedyshyn, IA.I.]

Biology of flowering of the common buckwheat (Fagopyrum sagittatum Gilib.). Ukr. bot. zhur. 22 no.3:103-104 '65. (MIRA 18:7)

1. Nauchno-issledovatel'skiy institut zemledeliya i zhivotnovodstva zapadnykh rayonov UkrSSR, L'vovskaya oblast'.

DEDIU, A.

Amelioration of forest groves, inadequate from the point of view of forest biology. p. 411.
REVISTA PADURILOR. Bucuresti.
Vol. 70, no. 9, Sept. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, February 1956