ZADOROZHNYY, B.A. (Khar'kov); DERMAN, G.L., prof., nauchnyy rukovoditel'

Morphological changes in the skin and internal organs of rabbits during local 6-irradiation with radioactive phosphorus. Vrach. delo no.8:66-72 Ag 63. (MIRA 16:9) (PHOSPHORUS ISOTOPES--PHYSIOLOGICAL EFFECT)

DERMAN, G.L.; GONCHARCVA, L.S. (Khar'kov)

Morphological changes in leg arteries in gangrene. Arkh. pat.
25 no.9:13-19 '63. (MIRA 17:10)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. G.L. Derman) Khar'kovskogo meditsinskogo instituta.

DERMAN, G.L.; FINKEL', Z.N.

Morphology of intraepithelial cancer of the cervix uteri. Trudy Inst. eksp. morf. AN Gruz. SSR 11:229-235 '63.

(MIRA 17:11)

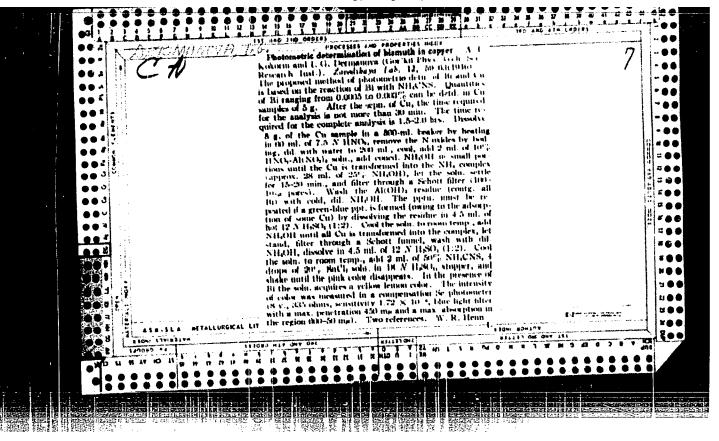
l. Kafedra patologicheskoy anatomii Khar'kovskogo meditsinskogo instituta.

DERMAN, Ye.S.; MATS, M.D.

Thrombosis of the basilar artery. Zhur. nerv. i psikh. 60 no. 12:1616-1618 '60. (MIRA 14:4)

1. Nervnoye otdeleniye (zav. Ye.S. Derman) 1-y Gorodskoy klinicheskoy bol'nitsy imeni V.I. Lenina (glavnyy vrach A.G. Garn'ye), Khar'kov.

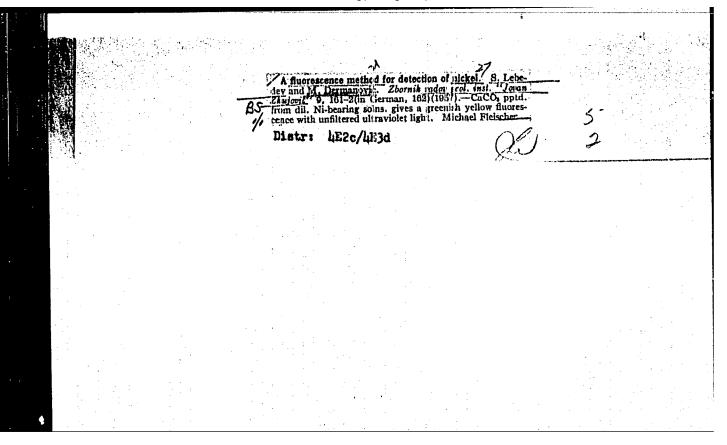
(BASILAR ARTERY-DISEASES)

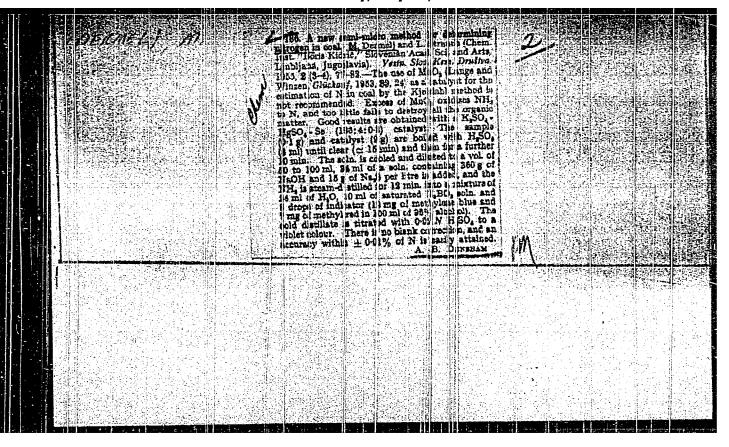


GERRER, M.I.; DERMANOVA, I.G.; LISTKOVA, T.M.; STRIGALEVA, N.V.

Determining the molecular weight of petroleum oils by isothermal distillation. Trudy VNIGRI no.174:210-217 '61.

(Molecular weights)
(Petroleum)
(Bitumen)



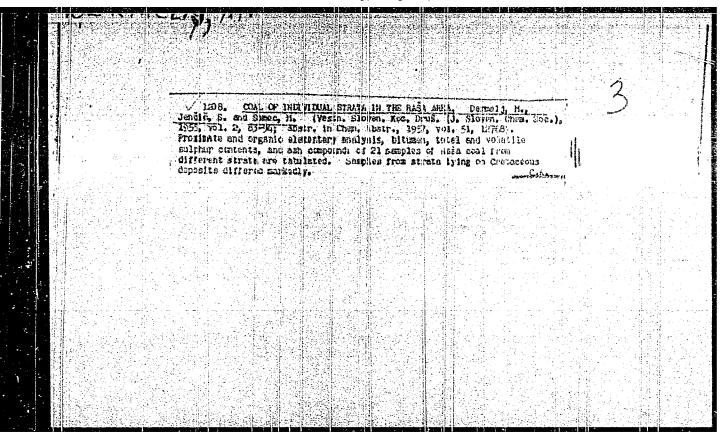


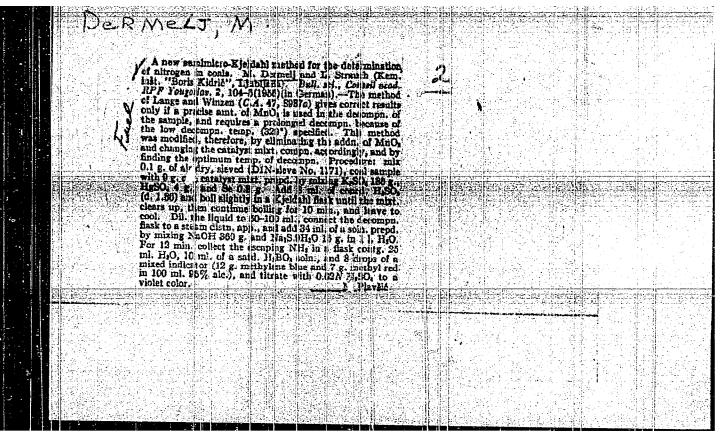
DERMELJ, M.

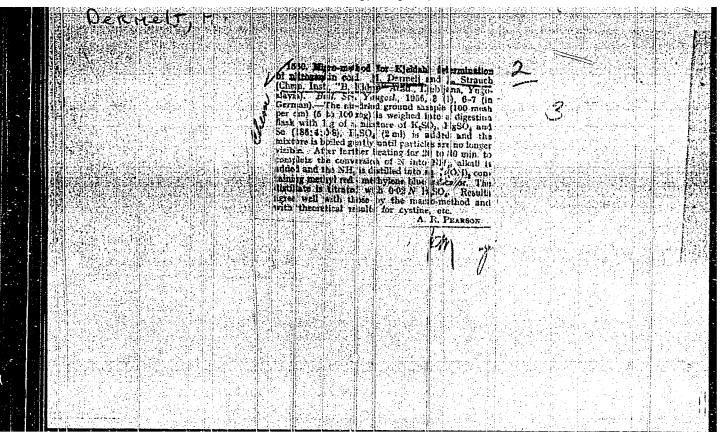
DERNELJ, M.; Jencic, S; Samec, M. The coal in particular layers in the Rasa coal fields; studies of Yugoslav coals. III. p. 83

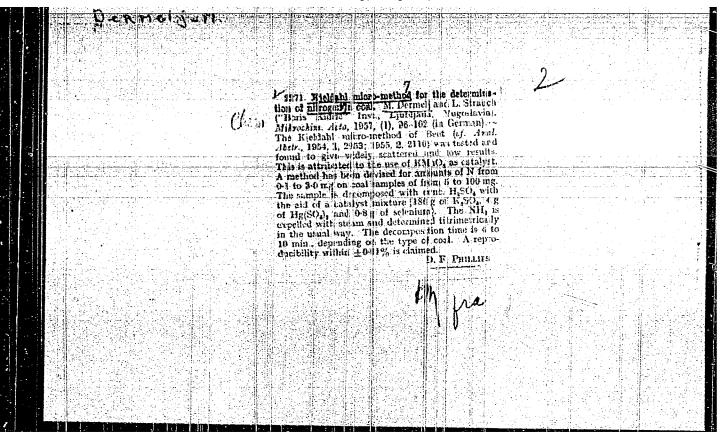
Vol. 2, No. 2, Apr./June 1955 VESTINK BULLETIN SCIENCE Ljubljana

So: East European Accession, Vol. 6, No. 3, March 1957









DelGald, H.

Goal analysis. (To be contd.) p. 277.

ROVA PROISVODNJA. (Zveza drustev inzenirjev in tehnikov LRS) Ljubljana, Yugoslavia. Vol. 10, no. 5, 1959.

Monthly list of Last European Accessions (ELAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

DERMENDZHI, Dzhevdet Umerovich; KHUDYAKOV, G.V., red.; TSYURKO, M.I., tekhn. red.

[For more inexpensive vegetables] Bol'she deshevykh ovoshchei.
Orenburg, Orenburgskoe knizhmoe izd-vo, 1960. 19 p.
(MIRA 14:10)

1. Direktor Orenburgskogo sovkhoza "Ovoshchevod" (for Dermendzhi). (Vegetable gardening)

ACC NR: AT6031507

SOURCE CODE: BU/2503/66/014/000/0067/0072

AUTHOR: Dragnev, T.; Delchev, M.; Dermendzhiyev, E.

ORG: Izvestiya na Fizicheskiya institut s ANEB

TITLE: Use of the double ionization chamber for correlation measurements of energy, angle, and mass distribution in the fission of heavy nuclei

SOURCE: Bulgarska akademiya na naukite/ Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB, v. 14, 1966, 67-72

TOPIC TAGS: ionization chamber, fission product, fission product activity, anisotropic medium

ABSTRACT: A method is suggested for determination of the angle between the electric field direction of the double pulse ionization chamber and the direction of movement of the fission fragments; the method also makes possible a correlated study of the energy, mass, and angle distributions of fission. Passage of fission particles through the ionization camera chambers creates a number of ions and electrons that are deflected and collected by the grids of the camera resulting in output pulses. The camera consists of a high-voltage grid (located in the center), a deflection grid, and a collector located symmetrically on each side of the center.

Card 1/2

ACC NR: AT6031507

The pulses formed at the collector determine the energy contained in the particles, and the pulses formed at the deflection grid and the collector determine deflection angles of fission particles under the influence of the existing electric field in the camera chambers. The resoparticles under the influence of the existing electric field in the camera chambers. The resoparticles camera can be as high as 0.15% for a-particle energies of 5 MeV. The camera will be used for studies of angular anisotropy in splitting of heavy atoms with gamma rays and for measurement of energies of particles formed from reactions that result in formation of two oppositely-charged particles. Orig. art. has: 2 figures and 6 formulas.

SUB CODE: 18/ SUBM DATE: none/ ORIG REF: 005/ OTH REF: 004

DERMENDZhiyEV, E.G.

s/056/60/038/02/11/061 B006/B011

24.6600

Protopopov, A. N., Kuznetsov, M. I., Dermendzhiyev, E. G.

AUTHORS: TITLE:

Th 232 Fission Induced by 14.9-New Neutrons Zhurnal eksperimental noy i teoreticheskoy fiziki, 1960,

Vol. 38, No. 2, pp. 384 - 386 PERIODICAL:

In continuation of previous papers, the authors report here on the energy characteristics of Th²³² fissions induced by 14.9-Mew neutrons. The energy of the fragments was measured in a double ionization chamber with grids and with simultaneous recording of the amplitudes of the pulses produced by fragment pairs. The collimation angle of fragments amounted to 45°, To diminish the influence of fission snisotropy and of the motion of the fragment center of mass upon the results of measurement, the neutron beam was directed onto the target surface measurement, the neutron beam was different onto the target shifts under an angle of 3-5°. The neutrons used for irradiation originated under an angle of 3-5°. The neutrons used for irradiation originated under an angle of 3-5°. The neutrons used for irradiation originated from $T(d,n)\alpha$ reactions. The 70 $\mu g/cm^2$ thorium target was obtained by sputtering from alcoholic thorium nitrate solution in the electric

Card 1/3

Th²³² Fission Induced by 14.9-New Neutrons S/056/60/038/02/11/061 B006/B011

field on a 25-30 ug/cm2 thick film. The further treatment was based on a method by Yu. A. Selitskiy. Purity was checked by the a-spectrum. A total of 12,500 fission events was recorded. The fragment energies were corrected for ionization defects and losses in target backing and collimator. Results are illustrated in Fig. 1. The fission probability as a function of the ratio between heavy and light fragments is shown in Fig. 2. The most probable mass ratio was at 1.43 + 0.05, wherefrom the most probable masses of heavy and light fragments were found to be 140+3 and 92+3. The distribution of the entire kinetic energy of fission fragments is illustrated in Fig. 3. The half width of this energy distribution is equal to 14.6%, and the most probable kinetic energy is (157+4) Mev. Fig. 4 shows the dependence of the most probable kinetic total energy of the fragments on their mass ratio. The curve distinctly shows two peaks at the mass ratios 1.32 and 1.8. Fig. 5 illustrates the dependence of the spread of energy distribution on the mass ratio. The spread maximum is found at a ratio of 1.17, a second weak increase is observable at 1.8. The maximum at 1.17 deviates from the expected one (1.32) and is probably to be explained by a spread due to the ap-

Card 2/3

Th²⁾² Fission Induced by 14.9-Mev Neutrons

paratus. The authors finally thank Yu. A. Selitskiy for having prepared the target. There are 5 figures and 8 references: 3 Soviet and 5 American.

ASSOCIATION: Radiyevyy institut Akademii nauk SSSR (Radium Institute

of the Academy of Sciences, USSR)

SUBMITTED: August 10, 1959

Card 3/3

E-FT(m)/EPF(n)-2/FCC/FCS(f)/EMP(n)/EMA(h)

AP5019812 ACCESSION NR:

UR/0089/65/019/001/0043/004 539.17.02:539.173.4

AUTHOR: Wang, Shih-Ti; Wang, Yung-Ch'ang; Dermendghiver, Ye.; Ryabov, Yu. V

TITLE: Cross section for the fission of U235 by resonant neutrons

SOURCE: Atomnaya energiya, v. 19, no. 1,41965, 43-45

TOPIC TAGS: uranium, nuclear fission, fission cross section, fast reaction, fission product, prompt neutron, detection system

ABSTRACT: In view of the discrepancies between results obtained by different workers, the authors used a new experimental procedure based on the time of flight method. The source was the fast pulsed reactor of Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research). The flight range was 1000 meters. The time spectrum was registered with a 2048-channel time analyzer with resolution ~0.04 µsec/m. The fissions were registered with the detector shown in Fig. 1 of the enclosure, a description of which is also published elsewhere (Preprint Olyal no. 1685, 1964), with efficiency 30-50% and with low sensitivity to small variation of the number of prompt neutrons per fission. The background was reduced to 1--2% of the count in the strong resonances of U²³⁵. A plot of the fission cross section at neutron energies 2--70 ev and a table of the products of

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0901,1476

L 7950-66

ACCESSION NR: AP5019812

6

the cross sections and the line widths are included. The results are found to agree with published data. "The authors thank F. L. Shapiro, L. B. Pikel ner, and I. V. Kirpichnikov for valuable advice and discussion, and Yu. I. Kolgin and T. S. Afanas yeva for help with the measurements and in the data reduction." Orig. art. has: 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 28Ju164

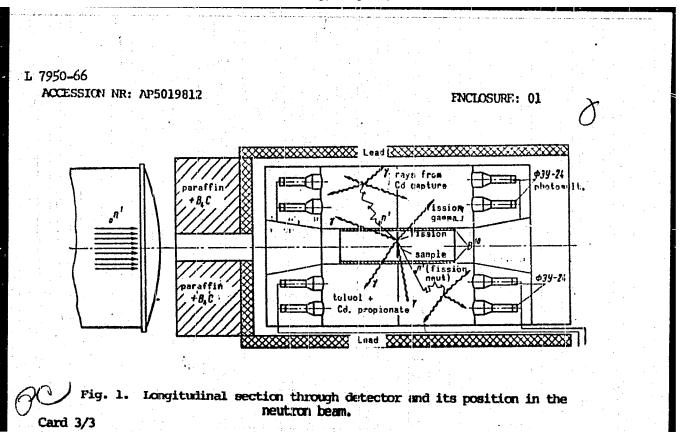
ENCL: 01

SUB CODE: NP

NR REF SOV: 004

OTHER: 007

Card 2/3



DERMENDZHIYEV, Ye.G.; DELCHEV, M.K.

Uranium targets prepared by the electrocapillary method. Prib. i tekh. eksp. 8 no.4:170-173 J1-Ag '63" (MIRA 16:12)

1. Fizicheskiy institut Bolgarskoy Akademii nauk, Sofiya.

H-35

DerMengi, B.

RUMANIA/Chemical Technology, Chemical Products and Their Application, Part 4. - Leather, Furs, Gelatin,

Tanning Agents, Industrial Proteins.

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34825.

Author : Th. Nica, I. Balutel, B. Dermengi, Gh. Posea, R. Trifan, O. Seserman, M. Benica, A. Smoleac,

L. Negrea.

Inst : Institute of Agronomy.

Title : Study of Properties of Sheepskins Used for Imitation

of Coypu Fur.

Orig Pub: Anuarul. lucrar. științ. Inst. agron., 1957, 335-349.

Abstract: The properties of skins of adult lambs with fine or semifine wool (18 to 34 \mu) were studied; imitated coypu fur ("Nutriet") is produced of these skins after processing them by tanning, combing, clipping, dyeing

Card : 1/3

RUMANTA/Chemical Technology, Chemical Products and Their Amplication, Fort 4. - Leather, Furs, Gelatin, Tenning Agents, Industrial Proteins.

H-35

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34825.

and smoothing. 80 lamb skins of the improved sheep breed "Spanka" were studied with a view to improve the quality of the raw material for manufacturing high quality "Nutriet". The lambs are slaughtered 5½ to 6½ months old, when they weigh not less than 26 kg having been fed well or above the normal. It is shown that the breeding and selection of sheep should be carried out taking into consideration the following specified mean qualitative indices in order to avoid any losses in the wool production and of meat and milk: wool thickness - 18 to 26 μ , wool density - 4000 to 5000 fiber per sq.cm; the uniformity and elasticity of wool and skin, as well as the satin-

Card : 2/3

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H-35

RUMANIA/Chemical Technology, Chemical Products and Their Application, Part 4. - Leather, Furs, Gelatin,

Tanning Agents, Industrial Proteins.

Abs Jour: Referat. Zhunral Khimiya, No 10, 1958, 34825.

ity and lustre of wool must be good, wool strength - 9.36 + 0.16 g; elongation - 36.8 + 0.8%; derma thickness - 2.32 mm; living lamb weight - 28.2 kg; meat yield - 48%; raw skin weight - 3.9 kg; raw skin area - 70 square inches. Grading of the studied skins of sheep of the improved breed "Spanka" after their processing resulted in 57.5% of I class skins, 37.5% of II class skins, 3.8% of III class skins and 1.2% of scrap.

Card: 3/3

RUMANIA/Form Animals. Swine

Q-3

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88112

: Derrenzi B., Teodoru V. *L*uthor

Inst

: Prolific Manualitsa Breed in the Turda Recion Title

Orig Pub: Probl. Zootehn. si veterin., No 8, 55-57, 1957

Abstract : The Black Manualitsa Breed of wine is distinguished by its low fertility, with farrows averaging 5-7 piclets. This is caused by, on the one hand, the small number of ova maturing in the overy and, on the other, the high percentage of nurrified foetuses in the uterus. The Turch region is the site of a prolific White Mangalitsa distinguished by its sturdy constitution; the sows have an average live weight of 142.5 kg and farrow 10-14 piglets with an at-birth weight

of 0.900 to 1.350 kg. -- V.V. Polovtsova,

Card : 1/1

L 18761-66 EWT(m)/EWP(t) IJP(c) JD

ACC NR: AP6003768 SOURCE CODE: UR/0181/66/008/001/0103/0106

AUTHORS: Averkin, A. A.; Dermenzhi, P. G.

ORG: Institute of Semiconductors AN SSSR Leningrad (Institut poluprovodnikov AN SSSR)

TITLE: Change in the electric properties of PhTe under pressure

SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 103-106

TOPIC TAGS: lead compound, telluride, single crystal pressure

Topic tags: lead compound, telluride, single crystal pressure

effect, semiconductor carrier, energy band structure, forbidden band, effect, semiconductor carrier, energy band structure, forbidden band, effect, semiconductor carrier, energy band structure, forbidden band, effect, semiconductor of the carriers and on the band structure of mobility, hole mobility

ABSTRACT: This is a continuation of earlier work (FTT v. 4, 3667, 1962) on the behavior of the carriers and on the band structure of 1962) on the behavior of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the electric properties of PbTe, so as to pressure dependence of the e

L 18761-66 ACC NR: AP6003768

change of the electric conductivity, the thermoelectric power, and the Hall constant of single-crystal n-type and p-type PbTe under hydrostatic pressure up to 15,000 kg/cm². The apparatus was similar to that developed by one of the authors earlier (FTT v. 3, 627 and 1859, 1961). The rate of change of the thermoelectric power, the conductivity, the effective mass, and the carrier mobilities were calculated from the data, using a procedure described earlier by one of the authors (Averkin, FTT v. 5, 96, 1963). It is concluded that the effective mass of the electrons and of the light holes changes in approximately the same manner (-1.9 per cent per ton of pressure), thus confirming the assumption that the effective masses are determined by the interaction between the main valence band and the conduction band. The ratios of the concentrations and mobilities of the light and heavy holes are 25 and 20 per cent respectively, the percentage change in the conductivity with pressure ranges from 3.6 to 4.9 per cent, the relative change in the mobility with pressure is in the range 4.05 -- 5.1 per cent per ton, and the absolute value of the forbidden band is 0.29 ev at 300K (this agrees with the results of optical measurements), and the logarithmic rate of change of the

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	ACC NR: AP6003768
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	effective mass. The authors thank A. R. Regel' for a discussion of
	the results. Orig. art. has: 3 figures, 3 formulas, and 1 table.
	SUB CODE: 20/ SUBM DATE: 30Jun65/ ORIG REF: 005/ OTH REF: 003
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	Gard 3/3 5mU

DERMIDENTEV, A., imph.; KUKHARENKO, V., ing).

The "lupiter" and "Signel" radio receivers. Radio no.8:49-51 Ag '64.

(MIRA 17:11)

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GOIA, I., prof.; DORCA, N., dr.; FLORESCU, I., dr.; CIURDARIU, P., dr.; GHERMAN, G.; BACIU, T., dr.; RUB, D., dr.; DERMLA, Z., dr.; SOPON, E.

The treatment of cerebral and peripheral atherosclerosis with vitamin B 12. Med. intern. 14 no.10:1253-1262 0 '62.

1. Lucrare efectuata la Clinica a II-a medicala, I.M.F. Cluj (director: prof. I. Goia).

(ARTERIOSCLEROSIS) (VITAMIN B 12)
(BLOOD CHOLESTEROL) (BLOOD PROTEINS) (BLOOD LIPIDS)
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YAKOVLEV, Yu.; KOSOVETS, A. (Omertso, Brestskoy obl.);
TOPIL'SKIY, V. (g. Shakhty, Rostovskoy obl.); DERNACHEV, B.

(Kinel', Kuybyshevskoy obl.); ORLOV, V. (Keningrad)

Readers' suggestions. Za rul. 21 no.2:25 F '63.

(MIRA 16:4)

(Motor vehicles—Technological innovations)

DERNALO MCZ, January

TECHNOLOGY

PEGGODICAL: POMIARY, AUTO MITIKA, KONTROLA. Vol. 4, No. 7, July 1950

DFRVALORICE, J. Type FRT-2 photosisetric regulator for the control of inductive heat processes. p. 326.

Monthly List of East European Accessions (EMAI) LC Vol. 8, No. 4 April 1959, Unclass.

DERNALOWICZ, Janusz, mgr inz.

Projective digital indicators. Lacznosc Wroclaw 5:56-58 '62.

1. Pracownia Elektronicznych Urzadzen Liczacych, Zaklad Analogii, Instytut Podstowowych Problemow Techniki, Polska Akademia Nauk, Warszawa.

DERNALOWICZ, Janusz, mgr inz.

Automatic digital voltmeters, VAD-I. Laczmosc Wroclaw 5: 112-115 '62.

Transistorized digital—analog converters. 121-122

1. Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa.

Country

: CZECHOSLOVAKIA

Catogory : Diseases of Farm Animals. Diseases Caused by

Bacteria and Fungi

Abs. Jour.: Ref Zhur-Biol, No 23, 1958, No 105800

Author

: Kriz, K.; Derner, A.

Institut. : -Title

: Experience in the Treatment of Tetanus in

Horses with Chlorpromazine

Oriz Pub. : Veterinarstvi, 1958, 8, No 5, 171-174

Abstract : No abstract.

Card:

1/1

DERNOI KOCSIS, Laszlo

Istvan Dobi. Hung TU 12:1-2 D 62.

\$/084/60/000/04/046/082

DM47/D006

32(1) 3(4)

Dernov. F., Engineer AUTHOR:

THTLE:

A Centralized System for Refuelling Aircraft

PERIODICAL: Grazhdanskaya aviatsiya, 1960, Nr 4, p 21 (USSR)

ABSTRACT:

This is an account of a project for an installation facilitating quicker refuelling of aircraft. Fuel is pumped straight from tanks through surface pipes to the planes by a pumping house near the tanks. Gate valves housed off the runway control the supply. Filter, counters, a telephone and remote control buttons for the tank pumps are fitted on a mobile unit. There are references to the Tu-104 aircraft and to the TZ-16 refuelling apparatus. There are 2 diagrams.

Card 1/1

DERNOV, P.F.

Written tests during geography lessons in evening schools. Geog. v shkole 24 no.6:56-57 N-D '61. (MIRA 14:10)

1. 146-ya vechernyaya srednyaya shkola, Leningrad. (Geography--Study and teaching)

L 21397-66 EV/T(m)/T/EWP(t) IJP(c) JD/JG

ACC NR: AP6003799 SOURCE COIE: UR/0181/66/008/001/0247/0248

AUTHOR: Dernov-Pegarev, V. F.; Zaripov, M. M.; Samcylovich, M. I.; Stepanov, V. G.

ORG: Kazan' State University im. V. I. Ul'yanov-Lenin (Kazanskiy gosudarstvennyy universitet)

TITLE: EPR of GdS+ in CdMoO4

SOURCE: Fizika tverdogo tela, v. 8. mo. 1, 1966, 247-248

TOPIC TAGS: gadolinium, cadmium compound, molybdenum compound, electron paramagnetic resonance, single crystal, crystal lattice structure,

ABSTRACT: The authors investigated the EPR spectrum of Gd3+ in single-crystal CdMoO4 at a frequency ~37 Gcs and at room temperature. The single crystal was grown by the hydrothermal method and has a scheellite structure. One type of Gd3+ ions was observed, situated in electric fields of tetragonal symmetry (z axis parallel to the c axis of the crystal). This indicates isomorphic substitution of Gd3+ for Gd2+. The parameters of the spin Hamiltonian are determined for this constant and are found to be in agreement with those obtained for other single crystals with scheelite structure (CaWO4, PbMoO4, and SrMoO4). The authors thank O. I. Mar'yakhina for computer processing of the experimental data. (Frig. art. has: I figure and I formula.

SUB COIR: 20/ SUBM DATE: 16 Jul 65/ ORIG REF: (X)2/ OTH REF: COL

EWT(m)/T/EWP(t)/ETI IJP(c) SOURCE CODE: UR/0192/66/007/001/0109/0110 L 42887<u>-66</u> AP6020384 (A)ACC NRI AUTHOR: Samoylovich, M. I.; Novozhilov, A. I.; Dernov-Pegarev, V. F.; Potkin, L. I. ORG: All-Union Scientific Research Institute of Synthesis of Mineral Raw Materials, Aleksandrov (Vsesoyuznyy nauchno-issledovatel skiy institut sinteza mineral nogo syr'ya) TITLE: Electron spin resonance of Mn2+ in molybdates of scheelite structure SOURCE: Zhurnal strukturnoy khimii, v. 7, no. 1, 1966, 109-110 TOPIC TAGS: manganese, EPR spectrum, molybdate, calcium compound, cadmium compound ABSTRACT: The ESR spectrum of Mn2+ was studied in single crystals of artificial Callo O4 and CdMo O4 (both of scheelite structure) at 9.4 Mc at room temperature. Some measurements were made at the temperature of liquid nitrogen. The spin-Hamiltonian constants describing the ESR spectra of Mn2+ in these compounds are tabulated, and compared with those for scheelite. It is noted that the replacement of the anionic groups has practically no effect on the g factor; however, the latter does change slightly when the cations are replaced, the anion being the same. The spin-Hamiltonian constant describing the effect of the intracrystalline field of cubic symmetry changes with the anionic groups, but remains virtually unchanged when the cations are replaced. Constant b2, which describes the effect of the intracrystalline field of tetragonal symmetry (the axis of symmetry coincides with the z axis), changes markedly UDC: 538.113

	L 42837-66 ACC NR: AP6020384 with any replacements. For all the crystals, by $\approx 10 \text{by}^0$, i. e., the surroundings of Mn ²⁺ are other than cubic. The ESR spectrum of Mn ²⁺ in CdMoQ ₄ shows lines one to the forbidden transitions $\Delta m = \pm 1$. Authors take this opportunity to thank L. I. Tsinober for his attention to this work. Orig. art. has: 1 table and 1 formula.	
T	SUB CODE: 20,07/SUBM DATE: 24Apr65/ OTH REF: 003	
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	1.11	

BLAZHNOV, A.G., inzh.; VORONTSOV, A.V., inzh.; IZYUMOV, A.A., inzh.; LYSOV, I.V., inzh.; PRAGER, V.Kh., inzh.; RYASKOV, V.L., inzh.; DEROV, V.A., tekhnik; KOSTINA, V.P., red.; LUKASHEVICH, V.K., tekhn. red.

[Over-all automation at a bearing plant] Kompleksnaia avtomatizatsiia na podshipnikovom zavode. Saratov, Saratovskoe knizhnoe izd-vo, 1962. 53 p. (MIRA 16:4)

1. Saratovskiy podshipnikovyy zavod (for all except Kostina, Lukashevich).

(Saratov-Bearing industry) (Automation)

EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD/JG ACC NR: AP6000892 SOURCE CODE: UR/0181/65/007/012/3688/3688 AUTHORS: Dernov-Pegarev, V. F.; Stepanov, V. G.; Samoylovich, M. I. ORG: <u>Kazan' State University im. V. I. Ul'yanov-Lenin</u> (Kazanskiy gosudarstvenny universitet) TITLE: Investigation of EPR of Mn2+ ions in single crystal ZnMoO SOURCE: Fizika tverdogo tela, v. 7, no. 12, 1965, 3688 TOPIC TAGS: zinc compound, molybdenum compound, epr spectrum, angular distribution, paramagnetic ion, spectral line, single crystal ABSTRACT: The ZnMoOi were grown by the hydrothermal synthesis method Investigation of the EPR spectrum at room temperature with a video spectroscope at 8 mm wavelength, disclosed a spectrum due to the divalent manganese and weaker lines of Cr3+ ions. The Cr3+ spectrum could not be investigated in detail because its lines overlapped the

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ACC NR: AP6000892

more intense lines of Mn²⁺, which contaminated the crystals. The angular dependence of EPR spectrum indicates that the symmetry of the crystalline field acting on the Mn²⁺ ions is not higher than rhombic, so that the spectrum can be described with the spin Hamiltonian of the rhombic system, for which the constants are given. The orientation of the z axis of Mn²⁺ in ZnMoO₄ coincides with the orientation obtained for Mn²⁺ in CdWO₄. Authors thank Ye. A. Pobedimskaya for the goniometric measurements. Orig. art. has: 1 formula.

SUB CODE: \ 07/ SUBM DATE: 14Ju165/ OTH REF: 001

Card 2/2

PERTATINSK IY, G. F.; DERKOVA, M.A.; ROZDVSK IY, A.D.

Furnace-bottom slags in the production of slag punice. Stroi. mat. 6 no.10:27 0 '60. (Slag)

DERNOVOY, D.A.

Planning gas fields and gas pipelines in Gentral Asia. Gaz.

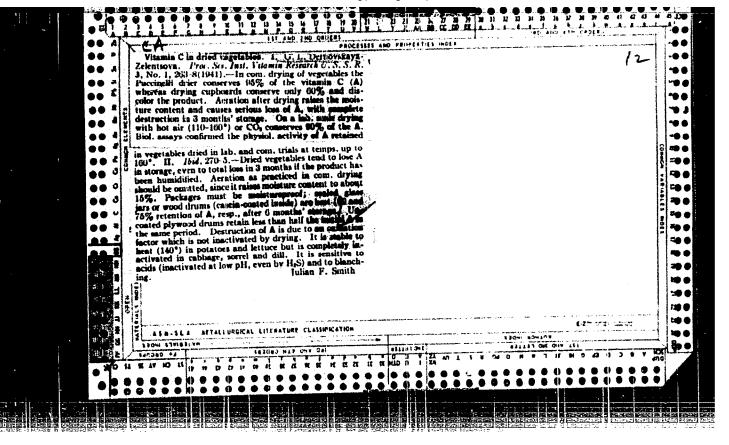
Planning pron. no.11:46-48 N '58.

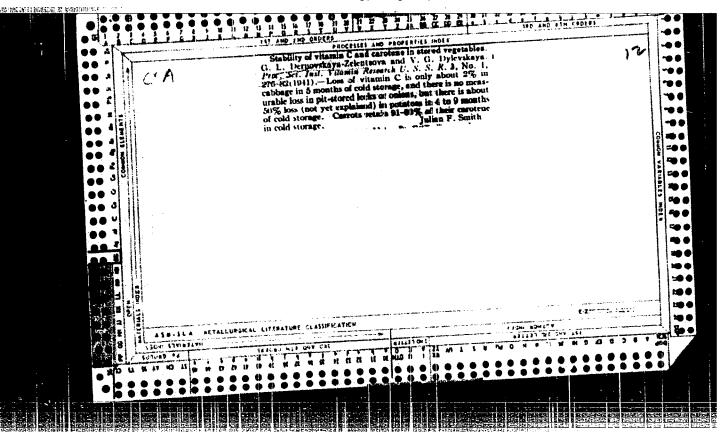
(Soviet Central Asia-Gas. Natural-Pipelines)

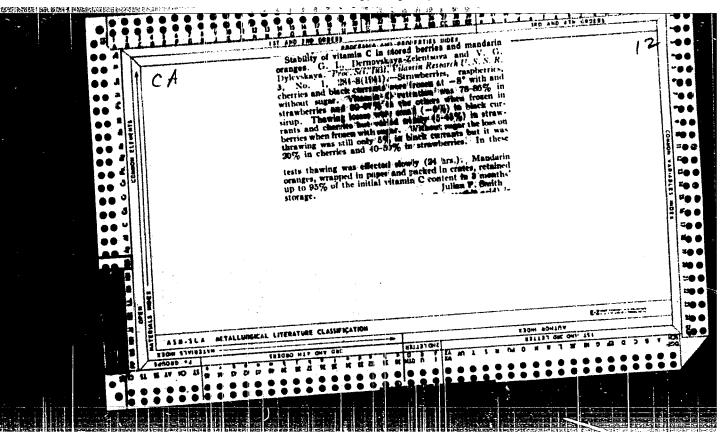
DERNOVOY, Dmitriy Andreyevich; ISLAHKINA, T.F., red.; SAVCHENKO, Ye.V., tekhn.red.

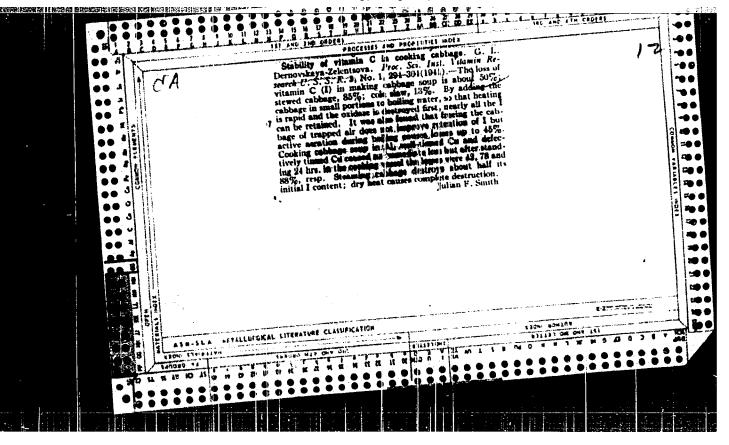
[Bukhara gas] Bukharakii gas. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznos obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.4, Tekhnika, no.3)

(Bukhara--Ges, Matural)









DERNOVSKAYA- ZELENTSOVA, GZ

SOCHIVKO, L.F., DERNOVSKAYA-ZELFINTSOVA, G.L., ZAKHAROV, A.A.

A reflex oxyhemometer with a cuvette [with summery in English]
Vop.med.khim. 4 no.3:225-229 My-Je 158 (MIRA 11:6)

1. Konstruktorsko-tekhnologicheskoye byuro "Biofizpribor," Leningrad.

(OXYGEN, in blood determ, with reflex oxyhemometer with cuvette (Rus))

SOCHIVKO, L.F.; DERHOYSKAYA-ZELERTSOVA, G.L.; VASADZE, G.Sh.; KOCHETYGOV, N.I.

OP-Ol flow exphenemeter, a new apparatus for the determination of blood saturation with exygen. Pat.fiziol.eksp.terap. 4 no.1:71-73 Ja-F 160. (MIRA 13:5)

1. Iz konstruktorsko-tekhnilogicheskogo byuro "Biofispribor":
(nach. - glavnyy konstruktor G.V. Rusakov) i kafedry patofiziologii (zav. - chlen-korrespondent AMN SSSR prof. I.R. Petrov)
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(OXIMETRY equip. & supply)

DERNOVSKAYA-ZELENTSOVA, G.I. [Dornovs ka-Zelentsova, H.l.]

Use of Allen's correction in the determination of urinary 17-ketosteroids. Ukr. biokhim. zhur. 35 no.5:754/763 (MIRA 17:5)

1. Department of Endocrinology of the Institue of Obstetrics and Gynecology of the Academy of Medical Sciences of the U.S.S.R.

DERNOVSKAYA-ZELENTSOVA, G.L.

Specificity of some modifications of Zimmermann's method. Probl. endok. i gorm. 10 no.6:105-108 N-D '64. (MIRA 18:7)

1. Otdel endokrinologii (nauchnyy rukovoditel! - prof. V.G.Baranov) Instituta akusherstva i ginekologii (dir. - prof. M.A.Petrov-Maslakov) AMN SSSR, Leningrad.

DERNOVSKAYA-ZELENTSOVA, G.L. [Dernovs'ka-Zelentsova, H.L.] [deceased]

Separation of 17-ketosteroids of human urine by the gradient evolution method. Ukr. biokhim. zhur. 37 no.4:614-624 165. (MIRA 18:9)

1. Institut akusherstva i ginekologii AMN SSSR, Leningrad.

New method of brick setting. Ogneupory 18 no.1:45-46 '53.

(MIRA 11:10)

1. Kombinat "Krasnyy Keramik."

(Refractory materials)

DERNOTSKIY, M.M.

Changes in the design of Kemereve Plant SM-21-SM pug mills.

Ogneupory 1.8 no.7:322-323 Jl. '53. (MIRA 11:10)

(Kemerove-Refractory materials) (Mixing machinery)

DERNYEY, GY.

Use of a surface-roughness investigating device in machine production p. 129. Presentation of transistor sets in the House of Technique. p. 132.

MERES ES AUTOMATIKA. (Merestechnikai es Automatizalasi Tudomanyos Egyesulet) Budapest, Hungary, Vol. 7, No. 4/5, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959. Uncla.

DERNYEY, Gy.; SERIOZO, I.

Cylindrical coil springs. p. 52.

A BANYATERV KOZIEMENYEL. (Banyaszati Tervexo Intezet) Budapest, Hungary, Vol. 12, No. 10, March 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 7, July 1959.

Uncl.

DERNYEY, Gyorgy, okleveles gepeszmernok; SERFOZO, Ivan, okleveles banyagepeszmernok

Tolerances and fittings. Banyaterv no.15:57-73 Je 163.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000310210

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DERO, A.

YASTREBOV, P., inzhener; DERO, A., inzhener

Reconditioning of a high-voltage electric motor. Muk.-elev. prom. 21 no.4:25 Ap '55. (MIRA 8:7)

1. Leningradskiy mel'nichnyy kombinat imeni Korova (for Yastrebov). 2. Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova (Lenina) (for Dero).

(Electric motors)

PIOTROVSKIY, Lyudvik Marianovich; DERO, A.P., redaktor; MIKHAYLOVA, Ye.M., tekhnicheskiy redaktor

[Electric machinery] Elektricheskie mashiny. Izd. 3-e. Moskva, Gos. emerg. izd-vo, 1956. 512 p. (MIRA 10:2) (Blectric machinery)

DERO, A.R., inzhener; YASTREBOV, P.P.

THE PERSON NAMED IN COLUMN Correcting clearance irregularity in asynchronous motors. Energetik 4 no.3:28-31 Mr. 156. (MIRA 9:6) (Electric moters, Induction-Repairing)

DERO, A.R., assistent

Design of individually manufactured synchronous generators.

Izv. LETI 57 no.39:209-222 *59. (MIRA 15:10)

(Electric generators)

RIVLIN, Law Borisovich; DERO, A.R., red.; SOBELEVA, Ye.M., tekhn.red.

[Locating trouble in an asynchronous motor] Kak opredelitineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnostineispravnost

(Electric motors, Induction)

TRET'YAKOV, Mikhail Nikolayevich; DERO, A.R., red.; SOBOLEVA, Ye.M., tekhn.red.

[Testing low-powered electric motors] Ispytanie elektrodvigatelei maloi moshchnosti. Moskva, Gos.energ.izd-vo, 1960. 173 p.
(MIRA 13:11)

(Electric motors--Testing)

PIOTROVSKIY, Lyudvik Marianovich, prof. [deceased]; DERO, A.R., insh., red.; SOBOLEVA, Ye.M., tekhn.red.

[Electric machinery] Elektricheskie mashiny. Isd.4., ispr. i dop. (MIRA 14:2)

Moskva, Gos.energ.izd-vo. 1960. 532 p. (MIRA 14:2)

RIVLIN, Lev Borisovich; DERO, A.R., red.; ZHITNIKOVA, O.S., tekhn. red.

[How to locate faults in an asynchronous motor] Kak opredelit' neispravnost' asinkhronnogo dvigatelia. Izd.2., ispr. Moskva, Gosenergoizdat, 1962. 55 p. (Biblioteka elektromontera, no.77)

(Electric motors, Induction—Maintenance and repair)

PIOTROVSKIY, Lyudvik Marianovich, prof.; Prinimal uchastiye DERO, A.R., inzh.; SOEOLEVA, Ye.M., tekhn. red.

[Electric machinery] Elektricheskie mashiny. 1zd.5, perer. i dop. A.R.Dero. Moskva, Gosenergoizdat, 1963. 503 p. (MIRA 16:12)

(Electric machinery)

DEROKO, A.

Ancient houses in the cities and towns of Serbis, Macdonia, and Kosovo and Metohija Province, as compared with houses in Salamika, Istanbul, and Asia Minor. p. 407 (GIASNIK. Vol. 2/3, 1953/54 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) IC. Vol. 6, No. 12, Dec. 1957 Uncl.

DEROKO, A.

The protection of cultural monuments and, as such, the rural and urban settlements of exceptional value. p. 947 (GLASNIK, Vol. 2/3 1953/54 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957 Uncl.

DEROKO, A.

Application of the Law on the Protection of Cultural monuments of 1946; a report on the 3rd Consultative Meeting of the Urbanists of Yugoslavia, held May 14-14, 1954 at Chrid p. 953.

(GLASNIK, Vol 2/3 1953/54 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957 Uncl.

DE ROLYANGHERKY, A 1

PILIPENKO, V. G., AND DEROVYANCHENKO. K. I.

Importance of the Gamasid Mite in the Transmission of Tularemia Infection in the Natural Delta-Type Site

Sb. Nauch. Rabot Privolahskov Provityoepidem. Stantsii, Astrakhan', No 1, 1953, pp 212-219

The authors made a three-year study of a delta-type tularemia site. Ixodes ticks Hyalomma scupense and H. marginatum were found on domestic animals and the gamasid mites representing the families Laelaps, Hyperlaelaps, and Hypoaspis were discovered on small rodents. Results from the examination of water rats as hosts for the gamasid and their role in the interpidemic periods are still inconclusive.

Bacterial investigations by subcutaneous injections of a suspension of powdered mites resulted in positive reactions in 10 out of 19 cases. (RZhBiol, No 2, 1955)

SO: Sum. No. 639, 2 Sep 55

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00031021

USSR/Porestry - Biology and Typology of the Forest.

K-2

ADS DOG

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10569

Author

: Deroyan G.V.

Inst Title : The Effect of Atmospheric Pollution on the Condition of

Tree Plantations in the Industrial Center.

Orig Pub

: Izv. Akad Nauk ArmSSR, Biol. i s.-kh. n., 1957, 10, No 5,

57-64.

Abstract

: This study was made in the city of Alaverdi, which is situated in the mountains at an elevation of 1000 meters above sea level. Here the smelting of light metals is accompanied by discharge into the atmosphere of SO₂, finely-dispersed dust, N-oxides, etc. The prevailing east and southeast winds carry these smoke-gas mixtures into the city. The concentration of harmful substances (in a 2 kilometer zone) exceeds the maximum permissible norms

in the following quantities: SO₂ -- by 35 times,

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USSR/Forestry - Biology and Typology of the Forest.

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Abs Jour : Ref Zhur - Biol., No 3, 1958, 10569

sulfuric acid aerosols -- from 3 to 13 times, N-oxides discoverable within a radius of 500 meters -- 5 times. Sedimentary tests indicated that the soil around the enterprises can become enriched with heavy metal compounds (Cu, Zn, Pb). Investigation of the degree of damage caused to the tree species by the harmful substances has determined that the American maple is the most sensitive, and next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in order of sensitivity, the common ash, Pennad next in or

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DEROYAN, G. V., Candidate Med Sci (diss) -- "The sanitary-hygienic characteristics of contamination of the atmosphere of the city of Alaverdi with industrial wastes". Yerevan, 1959. 19 pp (Yerevan Med Inst, Chair of Communal Hygiene), 150 copies (KL, No 24, 1959, 149)

THROYA	स	G.	V.	
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Pollution of air in Alaverdi by waste products of the chemical-copper plant. Izv.AN Arm. SSR. Biol. nauki 12 no.3:75-83 My '59. (MIRA 12:9)

1. Kufedra kommunal noy gigiyeny i gigiyeny truda Yerevanskogo meditsinskogo instituta.

(ALAVERDI--AIR--POLLUTION)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00031021

ENT(IR)/EPF(c)/ENP(j) Pc-4/Pi-4 Fil L 53933-65 1111/0:298/64/017/007/0101/0104 ACCESSION NR: AP5017353 27 AUTHOR: Deroyan, G. V. TIME: Effects of dichlorobutene on the ellastory and visual analysors SOURCE: AN ArmSSR. Tovestiya. Biologichunkiye nauki, v. 17, no. 7, 1964, 101-104 TOPIC TAGS: experiment animal, human physicalogy, industrial medicine, toxicology Abstract: The irritating action of dichlord buttene, a toxic substance which may be present in the air of industrial destablishments where synthetic rubber is produced, was tested on human subjects by measuring its effects on light sensitivity and adaptation dark. The affects that were observed varied with the subject and with the sensitivity of subjects to the odor of dichlorobutene. However, an irritating effect of dichlorobulens present in amounts higher than the threshold concentration of 0,34 mg/m3 could be clearly established on the basis of incressed sensitivity to light. The results obtained indicated that a concentration of this substance in the air higher than 0.3 mg/m must be regarded ar harmful. Ordg. art. has 2 graphs, 1 table.

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ASSOCIATION: Terevanskiy meditainskiy institut (Yerevan Medical Institute)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00031021

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Derpgolits, V. F. AUTHOR.:

On the exchange of water between the earth and space. TITLE:

Geograficheshove obshchestvo SSSR. Geograficheskiy sbornik, v. 15. SOURCE:

Astrogeologiya. Moscow, 1962, 198-207.

The process of exchange of water between earth and interplanetary space involves the water contained deep within the earth also; hence the solution of the problem will depend on the combined efforts of astrophysicists, earth-atmosphere physicists, and hydrogeologists. 1. On the origin of water on earth. Following the Urey-Schmidt hypothesis of the cold origin of the earth from a gas-dust cloud, and taking into account the nearness of the sun, the proto-earth can have contained only a small amount of light gases, such as hydrogen, as an original material for the formation of water. In the subsequent stages some H2 and O2 may have combined to form water, but most of the hydrogen and oxygen may have remained deep within the earth at supercritical pressures at which not only the boundary between gas, liquid, and solid vanishes, but even the boundary between the various elements becomes indistinct, and all matter, probably is monoatomic. Since the total mass of occanic water (1.5.1024 g) is of the same order as the mass of the lithosphere Card 1/5

On the six manage of water between ...

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(2.4.10 %), it is evident that all of the meteoric, surficial, and crustal subsurface water cannot have come out of the lithosphere, and an amount of the order of hundreds of times of that contained in the hydrosphere must be present in the subcrust. strata of the planet. A. P. Vinogradov (Khimicheskaya evolyatsiya Zemli, The chemical evolution of the earth, Izd-vo AN SSR, 1959) estimates the water reservain the manife alone to be 2.1026 g. The process of liberation of subcrustal water, probably, continues not only in vulcanic, hydrothermal, and occumatolithic processes but constantly over the entire oceanic and continental area of the earth, both by upward filtration and by upward diffusion of comes, ions, and molecules, driven by the intense marmodynamic gradient between mantle and surface. This premise finds ample confirmation in the NaCl content of all plutonic where. Two conclusions can be made: (1) The subcrustal strata of the earth continuously lose some of their volume to the residence including H2O, and (2) except for a continued outflow of water from the earth into space, the hydr sphere would increase in volume. 2. On J appropriate space. There is no doubt that water a decides exist in sater in E pace in an area chases. Schmidt's division of the planets who bearth-type" warm planets (no recomparation and sublimation prevails) and "Jupite" type" cold planets (where her presents) is cited, also the Whipple, Dubyago, et al., hypothesis on the ice-cer was to be ad-metal and "durity a off nature of comet neads. There may also be wanted by an the rings of Saturn and several moons of the grant planets Gard 2/5

"APPROVED FOR RELEASE: Thursday, July 27, 2000

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In the exchange of the between ...

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and in many meter rates. Despite the low temperatures of space, solar radiation probably causes some matron into water vapor, and then, by photodissociation, separegion into 1 From Lord hydroxyl, and a baccaently into hydrog a and oxygen, pre-Teninantly and the state. The introduct of this process are ends on the distance from the sure its as a zenality of each delicatial body; thus, the example, the side are given believed and to the sun may be reprevalent melting and evaporation, ande the shops and retains trozen water we. There may be melting at the surface the celestration of solid ide in depth, or other wise transparent ice the surface and ellow the radiated heat to go into the depth where opaque ice will melt first. Laquid water may exist even on warm planets, if the atmospheric pressure is a "Resently high to prevent evaporation. Gould's hypothesis of the isstence of the on the moon in deep crevasses is mentioned. 2. On the transfer of water from interplanetary space onto the earth. The possibility of the cosmic gin of some ratures had showers is not to be excluded. It, meteorites have been suntered. The sufficienty mateorites contain a mean of 0.5% (up to 8%) water. rical data on the entertion of the earth by falling cosmic the trean water and the fact himateria (4.5%), it is concluded to from space are the presumable 5. Separage of the continuous s deing re errial, 1 of the second add he is not self-indeed, as e., in 2-m day in covering the eartist and this probably Now estimate, and commany meteority and all of even hit the earth but release all of

On the exchange of water between ...

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their material to the atmosphere. Carbonaceous material contained in some cosmic matter may also burn up in the atmosphere and form CO2 and water. Another possible source, according to recent investigations with artificial earth satellites, is the proton-electron plasma of the solar corona which reaches the ecliptic of the earth following intense solar outbursts; also, proton particles in cosmic rays may also capture electrons and thus form hydrogen atoms which may combine with upperatmosphere oxygen to form water molecules. Could the noctilucent clouds, which according to I. A. Khvostikov consists of ice crystals, be the formations of such nascent atmospheric water of cosmic origin? 4. On the transfer of water from the earth atmosphere into interplanetary space. There is no doubt that water molecules may be lost into space. The process might be attributable to high-altitude (80-km) dissociation of the water molecules into the component atoms under solar UV radiation. Since at the high temperature of the external atmospheric layers (500°K to 1500°K) the speed of the thermal motion of H atoms exceeds the escape speed, dissipation into space must result. A discussion of the cosmic and atmospheric hypotheses of the comet-like so-called "tail" of the earth, which gives rise to the zodiacal light, leads to the premise of a drainage of dissociated water vapor into the "tail." 5. On the practical significance of cosmic ice. This section is devoted to a summary of the paper "Ice in space," by the American author H. 100 and Robey, previously published in the Journal of the British Interplanetary Society, v. 17, no. 7, 1900. There are no figures or tables; the literature cited compri Card 4/5

On the exchange of water between ...

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32 Russian references (including the Russian translations of H. Poincare's "Hypotheses of Cosmegony,"(1913), Watson Fletcher's "Among the planets" (1947), and Chamberlin's "Geological proofs of the evolution of the earth's atmosphere" (1951), (all titles retranslated from the Russian translations), 2 German-language papers by H. Abich (circa 1870), 2 French-language references including one by H. Abich and a French-language paper by the Russian author, E. Shvedov (1882), and the following 5 English-language references: Gould, T., Science News Ltr., v. 179, no. 262, 1961; Peterson, H., Scient. Amer., v. 202, no. 2, 1960; Robey H. Donald, Ice in space, J. Brit. Interplan. Soc., v. 17, no. 7, 1960; Thomsen, W. J., The annual deposit of meteoritic dust, Sky and Telescope, 1753; Urey, H., The planets, their origin and development, New Haven, Conn., 1952.

ASSOCIATION: None given.

Card 5/5

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DERPGOL'TS, V.F.

Basic planetary primary source of natural waters of the earth. Izv. AN SSSR. Ser.geol. 27 no.ll:18-31 N '62.

(MIRA 15:12)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00031021

ACCESSION NR: AR4033709

\$/0081/64/000/003/E077/E077

SOURCE: Referativny*y zhurnal. Khimiya, Abs. 3E206

AUTHOR: Derpgol'ts, V. F.

TITLE: The "hydrochlorosphere" - the original planetary source of the natural waters of the outer shells of the Earth

CITED SOURCE: Sb. IV Soveshchaniye po probl. astrogeol., 1962. L., 1962, 128-131

TOPIC TAGS: geophysics, surface water origin, hydrochlorosphere, magma, magma differentiation, lithosphere, autosphere, ocean salt content, halogenesis

ABSTRACT: Water makes up—4% of the total magma substance. During the physical-chemical and gravitational differentiation of the magma in the depths and upward to the lithosphere, magmatic solutions serve as carriers of the magma components. As they move upwards, these solutions are transformed into chloride brines containing considerable amounts of Na, Ca, Br and B and occurring ubiquitously, more frequently at considerable depth; these should be regarded as the primary planetary source of most of the water of the earth's crust and autosphere. The author introduces the concept of the "hydrochlorosphere" of briny waters which is found all around the earth at a depth of the order of 3-4 km. The waters of the "hydrochlorosphere" Card 1/2

ACCESSION NR: AR4033709

may be called endogenous to distinguish them from those in the upper parts of the lithosphere which are biogenous and the principal characteristic of which is participation in biological and other water cycles. Diversity of composition is characteristic of biogenous waters, whereas the composition of the endogenous waters is uniform. The waters of the World Ocean, by origin and processes of formation, are mixed - endogenous and biogenous. The more intensive the process of halogenous, the greater the amount of fresh water formed. The greater the amount of ica formed, the saltier the World Ocean becomes.

DATE ACQ: 02Apr64

SUB CODE: AS

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Hypothesis of the formation of natural solutions. Dokl. AN SSSR 142 no.6:1384-1386 F 162. (MIRA 15:2)

1. Predstavleno akademikom D.S.Korzhinskim. (Water, Underground)

Geochemistry of underground (mine) waters and atmospheric precipitation in the Yenisey region of the Arctic. Dokl. AN SSSR 147 no.2:469-470 N 62. (MIRA 15:11)

1. Predstavleno akademikom D.S. Korzhinskim.
(Putorana Mountains-Water, Underground)
(Putorana Mountains--Precipitation (Meteorology))

Hydrosphere and chlorine. Lit. i pol. iskop. no.1:43-57 (MIRA 17:3)

1. Geograficheskoye obshchestvo SSSR.

Principles of the consolidated natural classification of natural waters of the earth. Sov. geol. 6 no 37-18 My '63.

(MIRA 16:6)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut.

(Water-Classification)

Quantitative characterization of the earth's hydrosphere and chlorine. Dokl. AN SSSR 150 no.3:649-652 My 163. (MIRA 16:6)

1. Predstavleno akademikom D.S. Korzhinskim.
(Hydrology) (Chlorine)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00031021

DERPGOLITS, V.S. (Leningrad)

Incleat structure in Tuva as a condenser for the vapors of terrestrial atmosphere. Friroda 53 no.8898-102 '64.

(MIRA 1750)

"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00031021

Pm-4/Pz-6/Feb IJP(o) EEC(b)-2/EEC(k)-2/ISAA(h)/EVT(1)/ENG(i)/T 5/0286/65/000/004/0037/0037 ACCESSION NR: APS007378 36 B AUTHOR: Herr, G. A. Class 21, No. 168339 PITIE: A semicon luctor diods detector SOURCE: Byulleten' izobreteniy i tovalnykh znakov, po. 4, 1965, 37 TOPIC TAGS: detector sensit vity, sem conductor diode, tunnel diode ABSTRACT: This Author's Certificate introduces a semiconductor diode detector in which the load circuit is shumted by a filter comlenser. An "inverted" tunnel diode is used in order to increase the sensitivity of the device and to use it as a second detector without an external bias source. ASSOCIATION: none SUB CODE: ENCL: 00 SUBMITTED: 24Aug63 OTHER: OCO NO REF SOV: Card 1/1

DERRICK, Alan

Research work in the manufacture of laminated doors. Faipar 12 no.7:210-212 Jl 162.

DERRUBSKA, Barbara; DUDEK, Zygmunt; KANDZIORA, Stanislaw; PASLAWSKA-PRUS, Janina RANIEWICZ, Danuta

Effect of smallpox vaccination on the course of tuberculosis in adults. Gruzlica 32 no.7:511-516 Je '64.

1. Z Kliniki Gruzlicy Akademii Medycznej we Wroclawiu (Kierownik: prof. dr T. Garbinski); Ze Szpitala Przeciwgruzliczego im. K. Diuskiego we Wroclawiu (Dyrektor: dr. W. Batycki) / Z Sanatorium Przeciwgruzliczego w Rosciszowie (Dyrektor: lek. r. !. A. Majchrzak).