MAYDANOV, G.

Long-awaited device. Znan.sila 32 no.2:2-3 F '57. (MLRA 10:5)
(Methane) (Mine gases) (Gas detectors)

LEVIN, A.M., kand. tekhn. nauk.; DANILEVICH, Yu. I., insh.; NAYDENOV, G.F., inzh.

Gas dryer. Gor. khoz. Mosk. 32 no.10:23-25 O '58. (MIRA 11:11)

1. Institut ispol'zovaniya gaza AN USSR.
(Drying apparatus)

SIGAL, I.Ya.; KAYDENOV, G.F.

Designing turbulent jet gas burners for steam boilers. Gaz. prom. 4 no.6:24-30 Je '59. (MIRA 12:8)
(Gas burners) (Boilers)

MAYDENOV, G. [Maid'onov, H.], inzh.

Artificial sun. Znan.ta pratsia no.1:14-15 Ja '60.
(MIRA 13:5)
(Infrared rays--Industrial applications)

HAYDENOV, G.

Street heating. Znan.sila 35 no.4:37 Ap '60. (MIRA 13:8)
(Infrared rays—Industrial applications)
(Heating research)

NAYDENOV, G. [Naid'onov, H.], inzh.

Man learns to measure. Znan. to pratsia no. 2:24-25 F '61.
(MIRA 14:5)
(Mensuration)

NAYDENOV, G., aspirant; SOLYANIK, S.; RADCHENKO, Yu., assistent; PAPOYAN, F., aspirant; GOKHELASHVILI, R., kand.biolog.nauk; LEVCHENKO, N., kand. sel'skokhoz.nauk; ARUTYUNYAN, Kh.; MOVSESYAN, R.; MILOV, M., aspirant

Brief news. Zashch.rast.ot vred.i bol. 10 no.4:50-52 '65.
(MIRA 18:6)

1. Ukrainskiy institut oroshayemogo zemledeliya, Kherson (for Naydenov). 2. Predsedatel' kolkhoza imeni Zhdanova, Chuguyevskogo rayona, Khar'kovskoy oblasti (for Solyanik). 3. Khar'kovskiy sel'skokhozyaystvennyy institut (for Radchenko). 4. Armyanskiy institut zashchity rasteniy (for Papoyan). 5. Skriyskaya opytnaya stantsiya plodovodstva (for Gokhelashvili). 6. Pedagogicheskiy institut, g. Birsk, Bashkirskaya ASSR (for Levchenko). 7. Leninakanskaya selektsionnaya stantsiya (for Arutyunyan, Movsesyan). 8. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i agropochvovedeniya, Moskva (for Milov).

IOFFE, Ya.A.,; NIKONOVA, I.I.; CHERTKO, V.F.; MAYDENOV, G.N.; ZIMIN, B.N.; NOCHEVKINA, L.P.; NESTEROV, L.I.; KISTANOV, N.I.; KUDROV, V.M.; PAK, G.V., red.; PONOMAREVA, A.A., tekhn. red.

[Structural changes in the industries of the United States, Great Britain and German Federal Republic in the postwar year]Strukturnye izmeneniia v promyshlennosti SShA, Anglii i FRR v poslevoennye gody. Moskva, Ekonomizdat, 1962. 417 p. (MIRA 15:10)

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskiy institut.
(United States—Industries) (Great Britain—Industries)
(Germany, West—Industries)

NAYDENOV, Gennadiy Nikolayevich; ARTEMOV, N.N., red.; GERASIMOVA, Ye.S., tekhn. red.

[Reproduction and utilization of capital assets in U.S.A. industry; based on the example of the manufacturing industry] Vosproizvodstvo i ispol'zovanie osnovnogo kapitala v promyshlennosti SShA; na primere obrabatyvaiushchei promyshlennosti. Moskva, Ekonomika, 1964. 98 p. (MIRA 17:3)

NAYDENOV, G.P., aspirant

Cultivation practices and the ground beetle Zabrus tenebrioides. Zashch. rast. ot vred. i bol. 9 no.9:16 '64. (MIRA 17:11)

1. Ukrainskiy institut oroshayemogo zemledeliya, Kherson.

NAYDENOV, G.P.

Species of ground beetles, feeding on plants, in the southern Ukraine. Zool. zhur. 44 no.4:613-615 '65.

(MIRA 18:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut oroshayemogo zemledeliya, Kherson.

BULGARIA/Chemical Technology. Chemical Products and Their Applica- H-C
tion. Safety and Sanitation

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82190

Author : Naydenov I., Brzeva L., Aprakhanyan G.
Inst : -
Title : Effects of Working Methods Employed in the Mines on the Sanitary Conditions

Orig Pub : Sb. tr. Vissh. med. in-t,-Plovdiv, 1954-1955 (1957), 9, 1-3

Abstract : The dry and wet mining methods (with differently constructed ventilation systems) were investigated during 1953-1955 in the mines of the Rodopskiy mineral region. It was established that improved sanitary conditions (particularly such factors as lower dust content of the air, temperature, humidity, and composition of the air) result from the use of the wet method in conjunction with the improved ventilation.

Card : 1/1

NAYDENOV, I.; SHIL'NIKOV, V.

Apartment house built by one brigade. Na stroi.Ros. 3 no.8:8-9 Ag '62. (MIRA 15:12)

1. Glavnyy inzhener Sverdlovskogo tresta Zhilstroy (for Naydenov). 2. Nachal'nik otdela truda i zarabotnoy platy Sverdlovskogo tresta Zhilstroy (for Shil'nikov).
(Sverdlovsk--Apartment houses)

KOSTOUSOV, A.I.; BRITSKO, K.M.; VOLODIN, Ye.I.; GRECHUKHIN, A.I.; DEGTYARENKO, N.S.; DOBROSKOK, A.N.; MARDANYAN, M.Ye.; MAYDENOV, I.A.; PROKOPOVICH, A.Ye.; TELYATNIKOV, L.P.; USPENSKIY, Ya.K.; KHLYNOV, V.M.; PERL'SHTEYN, Ye.A., nauchnyy red.; YEVSEVICHEV, V.I., red.; BUDOVA, L.G., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Machine-tool manufacture in Japan] IAponskoe stankostroenie. Pod obshchei red. A.E.Prokopovicha i M.E.Mardaniana. Moskva, TSentr. biuro tekhn.informatsii, 1959. 461 p. (MIRA 13:9)

1. Moscow (Province) Oblastnoy sovet narodnogo khozyaystva. (Japan--Machine tool industry)

TURUSOVA, M.D., inzh.; GRIGOR'YEVA, G.M.; NAYDENOV, I.V.; KRYUCHKOV, V.I.; RYBAKOV, K.M.

Expediency of substituting nylon for cotton in the manufacture of jacquard loom cords. Tekst.prom. 23 no.5:67 My '63. (MIRA 16:5)

1. Nauchno-issledovatel'skaya laboratoriya Bol'shogo Kokhomskogo khlopchatobumazhnogo kombinata (for Turusova). 2. Master risoval'nogo otdela Bol'shogo Kokhomskogo khlopchatobumazhnogo kombinata (for Grigor'yeva). 3. Master prigotovitel'nogo otdela Bol'shogo Kokhomskogo khlopchatobumazhnogo kombinata (for Naydenov). 4. Nachal'nik tkatskogo proizvodstva Bol'skogo Kokhomskogo khlopchatobumazhnogo kombinata (for Kryuchkov). 5. Pomoshchnik mastera tkatskogo tsekha Bol'shogo Kokhomskogo khlopchatobumazhnogo kombinata (for Rybakov).

(Looms) (Nylon)

YEVSTYUGOV, A., insh.; MAYDANOV, K., insh.

Mechanized bench for making cement-sand tiles. Sel'.stroi. 15 no.5:14-15 My '60. (MIRA 13:8)
(Tiles) (Automatic control)

BROUN, M.M., MAYDENOV, L.N., MALTABAR, L.M.

Viticulture - Moldavia

On the "Denevitsa" state nursery farm. Vin. SSSR 12 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952, Uncl.

NAYDENOV, L. N.

Controlling the sugar accumulation in grapes by fertilizing. L. N. Naidenov. *Sadovodstvo, Vinogradarstvo i Vinodelie Moldavii* 11, No. 3, [illegible] (1956). — Results are presented which indicate that a simultaneous additional fertilizing of vine with P and K before flowering and at the beginning of ripening increase the sugar content and yield of the grapes as compared with the control (basic fertilizing in the spring). Spraying of the vine at the same time as the additional fertilizing with aq. soln. contg. superphosphate 2, KCl 0.25, and H_3BO_3 0.04%, increased further the sugar content of the grapes. In this way the sugar content of the native grapes could be raised from 13–15.6 to 17–18%, the content required for the production of first-quality dry wine. [illegible]

NAYDENOV, M.

Reconstruction of a Potentiometer. In Radio Engineering, No. 1:22 Jan 55

KAPLUNOV, Mikhail Yemel'yanovich; KAPLUNOV, A.S., red.; BERLOV, A.P., tekhn. red.

[The strengthening of the union of working class and peasantry that effected the collectivization of agriculture] Ukreplenie soiuza rabochego klassa i krest'ianstva v rezul'tate kollektivizatsii sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1958. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.1, no.20). (MIRA 11:10)
(Russia—Economic policy) (Collective farms)

KAYDENOV, N., inzhener-kapitan.

A new sea. Tekh.mol. 24 no.10:4 O '56. (MLRA 9:11)
(Polianovgradskoe, Bulgaria--Reservoirs)

NAYDENOV, Nester Nikonovich; BELOV, M.P., red.

["Builder" has a proud ring] Stroitel' - eto zvuchit gordo. Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1963. 14 p. (MIRA 17:5)

1. Proizvoditel' rabot pervogo stroyupravleniya tresta "Khabarovskstroy" (for Naydenov).

NAYDENOV, S.; SHLEPINA, N.M., redaktor; RAKOV, S. I., tekhnicheskiy redaktor.

[Rapid driving of haulage tunnels] Skorostnaia prokhodka shtrekov. Moskva, Izd-vo VTsSPS Profizdat, 1956. 36 p. (MLRA 9:6)

1.Brigadir prokhodchikov shakhty No.1-2 "Novaya Golubovka" tresta "Pervomayskugol'" (Donbass) (for Naydenov).
(Mining engineering)

Q

COUNTRY : BULGARIA
CATEGORY : Farm Animals. Cattle

ABS. JOUR. : RZBiol., No. 13, 1958, No. 59513

AUTHOR : Naydenov, S.
INST. :
TITLE : Results of the Qualitative Evaluation of Cattle in the Areas of State Breeding Centers (Bulgaria)

ORIG. PUB. : Zhivotnov"dstvo i vet. delo, 1957, 11, No 7, 4-11

ABSTRACT : As a result of the systematic qualitative evaluation of cattle, carried out in the Sofia State Breeding Center (SBC), the average milk yield increased from 2,196 kg. in 1953 to 3,213 kg. in 1956 and in Varna SBC - from 2,112.6 kg. to 3,207 kg. On individual farms, the average milk yield in 1956 attained 4,000 kg. During the same period the live weight of cows also increased from

CARD: 1/2

Q

Country : BULGARIA
CATEGORY : Farm Animals. Cattle

ABS. JOUR. : RZBiol., No. 13, 1958, No. 59513

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT cont'd. : 324-412 to 424-493 kg. The number of animals belonging to the elite-record, elite and first class* attained 40.9% of the total livestock in the Sofia SBC, 39.1% in the Varna SBC and 50% in the Plovdiv SBC.-- K. M. Lyutikov

* category

CARD: 2/2

BULGARIA / Farm Animals. Cattle. Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21247

Author : Naydenov, Stoyno
Inst : Not given
Title : The Evaluation of Bulls According to Their Progeny

Orig Pub : Zhivotnov"dstvo i vet. delo, 1958, 12, No 2, 10-15

Abstract : In artificial insemination the evaluation of bull-producers according to their progeny is of especially great importance. It is recommended to adapt the evaluation method which is practiced in Denmark where 78 - 93 bull-producers are evaluated annually and 360 bulls were evaluated during a period of 10 years. The first studies in this field in Bulgaria are appraised.
-- K. M. Lyutikov

Card 1/1

GUBAREV, G.; ZOTOT'KO, S. prepodavatel'; MAYDENOV, V.; ZHAROV, P.; BARYSHNIKOV, V.

Continuing the discussion of problems of labor organization under conditions of new technology. Sots. trud 5 no.5:66-74 My '60. (MIRA 13:11)

1. Nachal'nik otdela truda i zarplaty Rostovskogo sovnarkhoza (for Gubarev). 2. Vysshaya partiynaya shkola, Khar'kov (for Zolot'ko). 3. Nachal'nik tsekhovogo byuro truda i zarabotnoy platy Khar'kovskogo traktornogo zavoda (for Maydenov). 4. Nauchno-issledovatel'skiy institut truda, Moskva (Zharov). 5. Nachal'nik otdela truda i zarplaty Yuzhno-Kazakhstanskogo sovnarkhoza (for Baryshnikov).

(Labor and laboring classes)
(Automation) (Technological innovations)

NAYDENOV, V.

Creating norms for the number of auxiliary workers. Biul.nauch. inform.: trud i zar.plata 4 no.6:36-41 '61. (MIRA 14:6)
(Kharkov Province—Industries)

Haydenov, V. A

48-12-10/15

AUTHORS: Groshev, L. V. , Demidov, A. M. , Haydenov, V. A.

TITLE: Spectra of Electrons of Internal Conversion Which are Emitted in Captures of Thermal Neutrons by the Samarium-, Cadmium- and Gadolinium-Nuclei (Spektry elektronov vnutrenney konversii, ispuskayemykh pri zakhvate teplovykh neytronov yadrami samariya, kadmiya i gadoliniya)

PERIODICAL: Izvestiya AN SSSR,Seriya Fizicheskaya, 1957, Vol. 21, Nr 12, pp. 1619 - 1623 (USSR)

ABSTRACT: The spectra of electrons of internal conversion which develop in the radiation n, γ were investigated here. For this a magnet spectrometer was used with electrical recording of the electrons by counters placed far apart and connected to the coincidence-scheme The apparatus was not the very best, as it possessed comparatively small light intensity and dissolving power. The measuring method and the apparatus are described in reference 4. The only difference consisted in the fact that the neutrons from the one of the channels of the reactor (PTR) immediately passed into the camera of the spectrometer and impinged upon the investigated sample. Sample 3 x 4 cm^2. The investigation of the line with 130 keV at a thickness of the sample of 0,78 Mcm^{-2} and 0,31 Mcm^{-2} in the spectrum

Card 1/2

48-12-10/15

Spectra of Electrons of Internal Conversion Which are Emitted in Captures of Thermal Neutrons by the Samarium-, Cadmium- and Gadolinium-Nuclei

of a Gd-sample showed that the peak-area in this range of thickness still increases linearly with the thickness of the sample. The data obtained for the energies and the multipolarity of the transitions in the investigated nuclei are given in a table. At energies of the electrons below 100 keV an essential decrease in the coefficient δ_2 was observed beside a widening of lines. The finding of the line-intensity became unreliable here and therefore at electron-energies below 100 keV no multipolarity for the peaks was determined. Multipolarities were determined for transitions with energies of 337 and 444 keV in Sm^{150}, 553 keV in Cd^{114}, 197 keV in Gd^{156}, 180 keV in Gd^{158}. For all these transitions may be assumed that they are transitions of the type E 2 which also is in agreement with the results of other works (references 1 - 3). There are 4 figures, 2 tables, and 9 references, 2 of which are Slavic.

AVAILABLE: Library of Congress

Card 2/2

EWT(1)/EWP(q)/EWT(m)/BD3/ES(s)-2--AFFTC/ASD/SSD--Pt-4--GG/JD
L 10047-63 S/0058/63/000/004/E053/E054
ACCESSION NR: AR3000362

64

SOURCE: RZh. Fizika, Abs. 4E364

AUTHOR: Kholodenko, L. P.; Naydenov, V. A.

TITLE: On the molecular theory of barium titanate

CITED SOURCE: Uch. zap. Smolenskogo gos. ped. in-ta, vyp. 10, 1962, 126-144

TOPIC TAGS: ferroelectrics, barium titanate, molecular theory, effective ion charge

TRANSLATION: Using experimental data on the value of the spontaneous polarization and on the Curie temperature, an attempt is made to calculate the effective charges of the ions Ba, Ti, and O. The reduction of the data is based on the theory of Speter and Triebwasser. A system of equations is set up and solved for the effective charges of the ions. The effective values of q' sub Ti were found to be equal to 1.2 e and 1.5 e. The charges of the other ions, in view of the exceeding sensitivity of the formulas to the values of the

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ACCESSION NR: AR3000362

polarizability, could not be determined. A theoretical calculation of the constant in the Curie-Weiss law has yielded a value close to that obtained from the experimental data.

SUB CODE: PH

DATE ACQ: 14May63 ENCL: 00

cs/ja
Card 2/2

ALEKSEYEV, A.Ye., prof.; BAYKO, V.F., kand.tekhn.nauk; NOREVSKIY, B.I., kand. tekhn.nauk, dots.; MAYDENOV, V.N., inzh.; YUDINA, I.F., inzh.

Selecting parameters for two-stage longitudinal field rotating amplifiers. Sbor.LIIZHT no.159:207-222 '58. (MIRA 12:2)

1. Chlen-korrespondent AN SSSR (for Alekseyev).
(Rotating amplifiers)

NAYDENOV, V.N.

PHASE I BOOK EXPLOITATION SOV/5452

Donskoy, Ya. Ye., G.I. Kardash, and I.P. Lyalyuk, eds.

Mekhanizatsiya i avtomatizatsiya; sbornik statey ob opyte vnedreniya mekhanizatsii i avtomatizatsii na Khar'kovskikh mashinostroitel'nykh zavodakh (Mechanization and Automation; Collection of Articles on the Introduction of Mechanization and Automation in Khar'kov Machinery-Manufacturing Plants) [Khar'kov] Khar'kovskoye knizhnoye izd-vo, 1960. 373 p. 5,900 copies printed.

Editorial Board: S.A. Vorob'yev, Candidate of Technical Sciences; Chairman of the Editorial Board: P.I. Zmaga, Engineer; A.A. Kutlov, Engineer, V.I. Karabov, Engineer, A. Ye. Leonov, Docent, A.I. Turitsyn, Candidate of Technical Sciences, and S.M. Khmara, Candidate of Technical Sciences; Eds.: Ya. Ye. Donskoy, G.I. Kardash, and I.P. Lyalyuk; Tech. Ed.: M.I. Limanova.

PURPOSE: This collection of articles is intended for technical and scientific personnel, outstanding workers, and shock workers of communist labor.

COVERAGE: The multifaceted experience of Khar'kov enterprises in the mechanization, automation, and improvement of manufacturing processes is generalized. The development of new machines, instruments, and production methods is considered and attention is given to newly established enterprises, and to the introduction of telemechanics in the Khar'kov gas-system management. By including concrete examples and facts, the authors of the various articles attempt to demonstrate the achievements of the Khar'kov industrial complex in fulfilling the resolutions of the June (1959) and July (1960) Plenums of the Central Committee of the Communist Party of the Soviet Union. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Mechanization and Automation (Cont.) SOV/5452

Card 4/8

MAYDENOV, Vladimir Nikolayevich; MAGIDSON, Viktor Valentinovich, starshiy nauchnyy sotrudnik

Commutation reaction of the armature of large d.c. machines. Izv.vys.ucheb.zav.; elektromekh. 5 no.3:269-276 '62. (MIRA 15:4)

1. Khar'kovskiy elektromekhanicheskiy zavod (for Maydenov).
2. Dnepropetrovskiy gornyy institut (for Magidson).

(Electric machinery—Direct current)
(Commutation (Electricity))

KOCHAROV, G. Ye.; NAYDENOV, V. O.

"Low Background, Gas-Filled Counters for Electrons and X-Rays."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

FTI (Physico Technical Inst)

KOCHAROV, G.Ye., VAYDINOV, V.O., SHUVAYEV, V.M.

Proportional counter filled with a mixture of xenon and isopentane. Izv. AN SSSR. Ser. fiz. 28 no.10:1725-1727 O '64. (MIRA 17:12)

1. Fiziko-tekhnicheskiy institut im. A.F. Ioffe AN SSSR.

L 14498-65 EWT(m), EWP(j)/T Pe-4 IJP(c)/APWL/SSD/ESD(gs)/ESD(t) PM
ACCESSION NR: AP4043648 S/0048/64/028/010/1725/1727

AUTHOR: Kocharov, G.Ye.; Naydenov, V.O.; Shuvayev, V.M. 1 B

TITLE: A proportional counter filled with a mixture of xenon and isopentane /Report, Fourteenth Annual Conference on Nuclear Spectroscopy held in Tbilisi 14-22 Feb 1964/

SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v.28, no.10, 1964, 1725-1727

TOPIC TAGS: proportional counter, xenon, isopentane, gamma ray spectrum, barium

ABSTRACT: The coefficients K and U that characterize a gas, according to the theory of proportional counters (R.W.Kiser, Appl.Sci.Res.8,183,1960; G.Ye.Kocharov, and G.A.Korolev,Izv.AN SSSR,Ser.fiz.27,301,1963), were measured for a xenon + isopentane mixture by the method of Kocharov and Korolev (loc.cit.). A 27.4 cm long counter with a 4.6 cm diameter cathode and a 50 micron diameter anode containing xenon at 650 mm Hg and isopentane at 10 mm Hg was employed with 5.07 MeV α-particles and 30.6 and 41.9 keV γ-rays. The values of K and U were found to be 64.5 V/cm mm Hg and 23 V, respectively. It follows from these data that the cross section of xenon for ionization by electrons is 3.2×10^{-16} cm^2. B.Pontecorvo (Helv.Phys.acta,

1/3

23,Suppl.3,97,1949, showed that the energy resolution of a proportional counter is reduced by space-charge effects when the gas amplification exceeds a certain critical value, and that the product of this critical amplification and the energy released in the working volume of the counter is constant. Working with x-rays, Pontecorvo found this product to be 3×10^8 eV. This product was measured with 5.07 MeV α-particles and 30.6 keV γ-rays and was found to be 1.7×10^8 and 1.5×10^8 eV in the two respective cases. The reduction in energy resolution when the critical amplification is exceeded is illustrated with Ba^{133} γ-ray spectra recorded at anode potentials of 1.9 and 2.0 kV. The γ-ray spectrum of Ba^{133} was recorded at energies from 30 to 80 keV. Three lines were observed at 30.6, approximately 50, and 78.6 keV. From the relative intensities and known internal conversion coefficients it is concluded that the L to K capture ratio is 1.1. This is in good agreement with the finding of R.K.Gupta, S.Iha, M.Joshi and B.K.Madan (Nuovo cimento 8,48,1958) and in disagreement with the result of M.Langevin (Compt.rend.240,239,1955). Orig. art.has: 4 figures.

L 14498-65
ACCESSION NR: AP4048648

ASSOCIATION: Fiziko-tekhnicheskiy institut im.A.F.Ioffe Akademii nauk SSSR (Physicotechnical Institute, Academy of Sciences, SSSR)

SUBMITTED: 00 ENCL: 00

SUB CODE: NP NR REF SOV: 002 OTHER: 004

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L 21756-66 EWT(m)/T/EWP(t)/EWA(b) IJP(c) JD
ACC NR: AP6004901 SOURCE CODE: UR/0057/66/036/001/0199/0201

AUTHOR: Viktorov, S.V.; Kocharov, G.Ye; Maydenov, V.O.

ORG: Physicotechnical Institute im. A.F.Ioffe, AN SSSR, Leningrad (Fiziko-tekhnicheskiy institut AN SSSR)

TITLE: On the possibility of determining extremely small quantities of argon 37 and tritium

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 1, 1966, 199-201

TOPIC TAGS: proportional counter, radioactivity measurement, argon, tritium, radioisotope

ABSTRACT: The authors have constructed and tested small proportional counters with the view to their possible use for determining small quantities of Ar^{37} and H^3 in the gaseous state. The counters were from 0.1 to 2.7 cm^3 in volume and were filled with argon and methane at 1 atm. The counters were shielded with 360 g/cm^2 of concrete, 20 cm of iron, and/or 2.5 cm of mercury. The background due to penetrating cosmic rays was reduced by connecting the proportional counter in anticoincidence with a pair of plastic scintillation counters. The background of an 0.1 cm^3 counter was so far reduced that not a single count was recorded during a period of 27 hours in the energy region of the 2.8 kev Ar^{37} Auger line, although during the same period some 29 counts were recorded at other energies. It was possible reliably to detect the presence of

Card 1/2 UDC: 539.107.48

L 21756-66

ACC NR: AP6004901

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1.7×10^6 atoms of H^3 in a counter of 1.06 cm^3 volume. These results do not represent the limits of the capabilities of the counters described. The authors thank B.P. Konstantinov and M.M.Bredov for their interest in the work and for valuable advice, and V.A.Dergachev, V.V.Petrov, Yu.N.Starbunov, and V.I.Chesnokov for assistance in performing the experiments. Orig. art. has: 1 figure and 1 table.

SUB CODE: 18/ SUBM DATE: 06Jul66/ ORIG REF: 000/ OTH REF: 003

Card 2/2 fv

L 45055-66 EWT(l)/EWT(m)/EWP(t)/ETI IJP(c) JD/WW

ACC NR: AP6021990 SOURCE CODE: UR/0120/66/000/003/0005/0018

AUTHOR: Kocharov, G. Ye.; Naydenov, V. O.

ORG: Physico-Technical Institute, AN SSSR, Leningrad (Fiziko-tekhnicheskiy institut AN SSSR)

TITLE: Low-noise gas-filled electron x-ray counters [paper presented at the 14th all-Union Conference on Nuclear Spectroscopy held in Tbilisi in Feb. 1964]

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1966, 5-18

TOPIC TAGS: gas filled counter, electron counter, radon, tritium

ABSTRACT: The authors review methods of designing gas-filled radiation counters and their basic characteristics. The attention is primarily focused on the low-noise aspects of the design and operation. The basic theory of noise level in the counters is briefly reviewed and minimum measurable intensity is given. This quantity is given in terms of the number of noise-inducing events such as cosmic rays and others. The materials used in the construction of the counters are evaluated in terms of their radioactivity level arising from the presence of α, β, γ-active impurities. Tables are given listing various materials used in counters and the number of radiation events per 100 cm^2 per hour. Chemical affinity and abundance of radioactive elements in various materials, their decay times and other particulars are discussed. Next, the gas used for filling the counter is evaluated, mainly in terms of impurities in such elements

Card 1/2 UDC: 621.387.4

ACC NR: AP6021990

as radon, radioactive carbon and tritium which are present in commonly used gases. Also the effect of cosmic rays and the radioactivity of the environment of the counter is discussed and recommendations on the use of building materials for the laboratory are made. Additional methods for reducing noise levels by special shielding arrangement, miniturization, etc. are listed. Several types of better counter designs are described and their capabilities are reviewed. The authors thank M. M. Bredov for his interest in the work. Orig. art. has: 4 tables, 9 figures.

SUB CODE: 20,09/ SUBM DATE: 28Jun65/ ORIG REF: 011/ OTH REF: 043

Card 2/2 blg

ACC NR: AP6034225 SOURCE CODE: UR/0120/66/000/005/0095/0096

AUTHOR: Viktorov, S. V.; Kocharov, G. Ye.; Naydenov, V. O.

ORG: Physico-technical Institute, Academy of Sciences, SSSR, Leningrad (Fiziko-tekhnicheskiy institut AN SSSR)

TITLE: Background characteristics of some industrial gas-filled counters

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1966, 95-96

TOPIC TAGS: scintillation counter, scintillation detector, radiation detecting device, GAS FILLED COUNTER

ABSTRACT: Results of background noise investigation of lot produced MST-17, SI-2B, STS-6, STS-8, MS-11, and MSTR-4 type industrial counters are presented. Measurements were made without protection and with passive, active, or passive plus active protection. The passive protection consisted of an iron screen 15 cm thick, the active protection was represented by a plastic scintillation detector tuned as an anticoincidence circuit with the investigated counter. The counter was placed in a pit drilled along the scintillator axis. Results permitted evaluation of protection with and without passive shielding. There were 2—3 more pulses per min for the share with the active protection, which excludes the hard component of cosmic radiation and partially absorbs the soft component. Radiation from radioactive substances in surrounding objects is also absorbed. Experiments demonstrated that the use of protective (passive) screens reduces background noise 3 to 4 times; a further

Card 1/2 UDC: 621.387.4

ACC NR: AP6034225

reduction by a factor of 1.5—2.5 can be obtained by using additional active protection. Orig. art. has: 2 tables.

SUB CODE: 18/ SUBM DATE: 30Aug65/ ORIG REF: 002/ OTH REF: 005/

Card 2/2

KHAYKIN, Vladlen Pavlovich; MAYDENOV, Viktor Sergeyevich; GALUZA, Stanislav Grigor'yevich; LIBERMAN, Ye.G., doktor ekon. nauk, prof., red.; KONIKOV, L.A., red.; MICHNAYEVSKAYA, G.V., mlad. red.

[Correlation and statistical models in economic calculations] Korreliatsiia i statisticheskoe modelirovanie v ekonomicheskikh raschetakh. Moskva, Ekonomika, 1964. 215 p. (MIRA 17:9)

MAYDENOV, V.V., inzh.; SIVER, L.Ya., inzh.; ZAVRAZHNYY, I.M., inzh.; BORYAK, A.T., inzh.; ROMANCHENKO, F.V., inzh.

Semidry pressing of kaolin bricks, suggested by V.V. Maidenov and others. Rats.i izobr.predl.v stroi. no.11: 79-82 '59. (MIRA 13:3)

1. Po materialam plitochnogo zavoda, stantsiya Loseve, Khar'kovskogo sovnarkhoza.
(Kaolin)

ZAKHARIKOV, N.A.; NAYDENOV, V.V.; BLOKH, S.A.; SOLDATOV, G.A.; LEVITSKIY, V.K.; KUZNETSOV, V.V.; SPEKTOR, M.P.

Radiation gas drying of structural ceramic products. Stek. i ker. 19 no.7:21-25 Jl '62. (MIRA 15:7)
(Tiles--Drying)

NAYDENOV, Ye.S.

Specialization in tractor building. Trakt. i sel'khozmash. 31 no.6:42-43 Je '61. (MIRA 14:6)

1. Direktor Giprotraktorosel'khozmash.
(Tractor industry)

NAYDENOVA, A.B.; KUKHAR', T.I.; BABICHEVA, M.M., ekonomist

Let's improve the planning and economic work in telecommunication enterprises. Vest. sviazi 24 no.3:14-15 Mr '64. (MIRA 17:4)

1. Zamestitel' nachal'nika planovo-ekonomicheskogo upravleniya Ministerstva svyazi Litovskoy SSR (for Naydenova). 2. Nachal'nik planovo-finansovogo otdela Lipetskogo oblastnogo upravleniya svyazi (for Kukhar'). 3. Ssaratovskiy gorodskoy radiouzel (for Babicheva).

NAYDENOVA, A.B.

Establishing norms for working capital in telecommunication enterprises. Vest. sviazi 25 no.9:13-14 S '65. (MIRA 18:9)

1. Zamestitel' nachal'nika planovo-ekonomicheskogo upravleniya Ministerstva svyazi Litovskoy SSR.

NAYDENOVA, I. B.

USSR/Geophysics - Sand Waves Sep/Oct 53

"The Structure of a Current in the Presence of Sand Waves," N. A. Mikhaylova and I. B. Naydenova, Lab of River Bed Processes, Section of Sci Solution of Water-Economy Problems, Acad Sci USSR

Iz Ak Nauk SSSR, Ser Geofiz, No 5, pp 445-450

Studied nature of current and turbidity distribution in the under-roll of sand waves which are in the process of forming. Used a motion-picture camera and a glass-bottomed container partially submerged in water for the investigation. Established that the velocity in the upper part of the current reaches a max immediately above the roll, thus narrowing the current. Presents true cross section. Acknowledge advice of N. A. Volkanov, Corr-Mem Acad Sci USSR, and B. A. Fridman.

26[illegible]77

NAYDENOVA, I. B.

Naydenova, I. B. -- "Local Washout at Spillway Structures. (Investigation of the Kinematic Structure of the Turbulent Stream in the Pit of a Local Washout)." Moscow Order of Lenin State U imeno M. V. Lomonosov, Physical Faculty, Moscow, 1955 (Dissertation for the Degree of Candidate in Physicomathematical Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

S/076/63/037/002/011/018
B101/B186

AUTHORS: Bugay, P. M., Bazhenova, L. M., Gol'berkova, A. S., Konel'skaya, V. N., Naydenova, I. I. (Khar'kov)

TITLE: Electron spectra and nature of the absorption bands of aromatic amine derivatives. II. Electron spectra of diphenyl amine and its hydroxy and methoxy derivatives

PERIODICAL: Zhurnal fizicheskoy khimii, v. 37, no. 2, 1963, 378-386

TEXT: Based on the classification of absorption bands of diphenyl amine derivatives published in Zh. fiz. khimii, 36, 1562, 1962, the bands of the following compounds are discussed in detail: $C_6H_5NHC_6H_4X$, where X = H; o-, m-, or p-OH; o-, m-, or p-CH_3O, and $XC_6H_4NHC_6H_4Y$, where X = Y = o-, m-, or p-OH; X = o-, m-, or p-OH, Y = o-, m-, or p-CH_3O; X = Y = o-, m-, or p-CH_3O. The solutions used were: hexane, ethanol, 98% H_2SO_4, glacial acetic acid, or ethanol + 2 M sodium alcoholate. The data for λ, $\log \varepsilon$, oscillator strength, electron transfer energy and band width are tabled.

Card 1/3

S/076/63/037/002/011/018
B101/B186

Electron spectra and nature ...

In all substances, the fundamental band was the $A_{1g} \rightarrow B_{2u}$ benzene band which has high absorption and oscillator strength and appears between λ = 254 and λ = 300 mμ. Besides this, the A band (λ = 283-417 mμ) and the short-wave aniline band B (λ = 220-248 mμ) were observed, but not in all solvents. The long-wave D band (λ = 335-890 mμ) is observed in almost all dihydroxy, hydroxy-methoxy and dimethoxy derivatives of diphenyl amine. In the presence of two or three functional groups with equal electron-directing properties (OH, OCH_3, NH) one of the groups, when subjected to the effect of NH as a stronger electron donor acquires, the properties of a weak electron acceptor; this causes the appearance of the A band characteristic of functional groups with opposite sign. Also the dipole moment increases which was 1.95 D for p-hydroxy diphenyl amine, 1.79 D for 4-methoxy diphenyl amine, and 3.5 D for 4,4'-dihydroxy diphenyl amine. On formation of salts, the B band disappears or becomes weaker, when the salt formation is incomplete. In such cases, the oscillator strength decreases and a hypsochromic shift of the $A_{1g} \rightarrow B_{2u}$ band is observed. There are 2 tables.

Card 2/3

Electron spectra and nature ...

S/076/63/037/002/011/018
B101/B186

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina (Khar'kov Polytechnic Institute imeni V. I. Lenin)

SUBMITTED: November 22, 1961

Card 3/3

BUGAY, P. M.; KONEL'SKAYA, V. N.; GOL'BERKOVA, A. S.; BAZHENOVA, L. M.; and MAYDENOVA, I.I.

"Issledovaniye metodom elektronnykh spektrov kinetiki okisleniya orto oksi-i metoksi-proizvodnykh difenil-amina v 96% H SO ve vremeni i ustanovleniye prirody polos poglosheniya."

report submitted for the VIIth European Congress on Molecular Spectroscopy, Budapest, 22-27 Jul 1963.

S/076/63/037/003/012/020
B101/B215

AUTHORS: Bugay, P. M., Konel'skaya, V. N., Bazhenova, L. M., Col'berkova, A. S., Naydenova, I. I.

TITLE: Effect of the type of aromatic amines (primary, secondary, tertiary) and their o-derivatives, m-derivatives, and p-derivatives on the absorption spectra

PERIODICAL: Zhurnal fizicheskoy khimii, v. 37, no. 3, 1963, 652-655

TEXT: This is a comparison of the widths and intensities of the 288 mμ benzene absorption bands in the spectra of aniline, diphenyl amine (DPA), triphenyl amine, o-aminophenol, 2-hydroxy-DPA, 2,2'-dihydroxy-DPA, 2-hydroxy-2'-methoxy-DPA, m-aminophenol, 3-hydroxy-DPA, 3,3'-dihydroxy-DPA, 3-hydroxy-3'-methoxy-DPA, p-aminophenol, 4-hydroxy-DPA, 4,4'-hydroxy-DPA, and 4-hydroxy-4'-methoxy-DPA dissolved in ethanol, hexane, 98% H_2SO_4, 100% CH_3COOH, and ethanol + 2 M alcoholate. Results: (1) The amino group is conjugated with all benzene rings, although to different degrees in the different compounds. The greatest increase in intensity of the band

Card 1/2

Effect of the type of aromatic ...

occurs on transition from aniline to DPA. (2) The chemical activity of the compound and salt formation in H_2SO_4 and CH_3COOH can be determined from the band intensity. (3) Increase in intensity of maximum absorption on transition from aminophenol to monohydroxy-DPA and decrease in intensity on transition to dihydroxy-DPA confirm that the amino group of DPA is conjugated with both benzene rings and that the conjugation is affected by the functional groups in o, m, or p positions. (4) In the ortho-hydroxy derivatives of aniline and DPA there exists an intramolecular hydrogen bond. (5) The band intensity decreases on salt formation. (6) Intensive changes showing no regular relation to the band intensity occur during the formation of quinoidal compounds and oxidation. There are 3 tables.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina (Khar'kov Polytechnic Institute imeni V. I. Lenin)

SUBMITTED: March 19, 1962

Card 2/2

BUGAY, P.M.; GOL'BERKOVA, A.S.; KONEL'SKAYA, V.N.; MAYDENOVA, I.I.

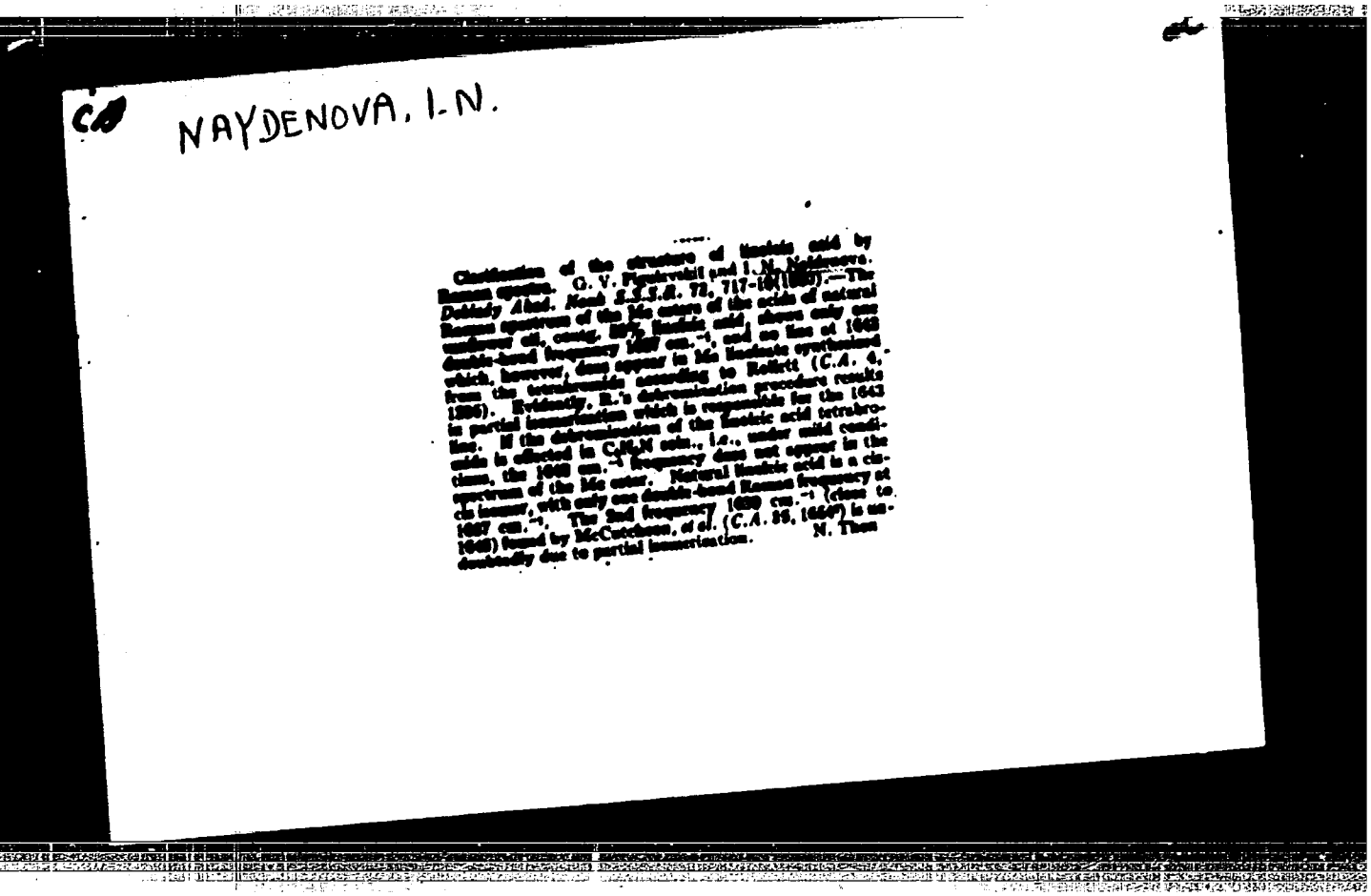
Absorption spectra and nature of absorption bands of aromatic amine derivatives oxidized in 98% sulfuric acid. Part 1. Zhur.fiz.khim. 37 no.10:2339-2343 O '63. (MIRA 17:2)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.

BUGAY, P.M.; GOL'BERKOVA, A.S.; NAYDENOVA, I.I.

Absorption spectra and the nature of absorption bands of aromatic amine derivatives oxidized in 98% H_2SO_4. Zhur. fiz. khim. 37 no.11:2563-2566 N'63. (MIRA 17:2)

1. Khar'kovskiy politekhnicheskiy institut imeni Lenina.



C.A

NAYDENOVA, I.N.

Clarification of the structure of linoleic acid by Raman spectra. G. V. Fligerovskii and I. N. Naidenova. Doklady Akad. Nauk S.S.S.R. 72, 717-19(1950).—The Raman spectrum of the Me ester of the acids of natural sunflower oil, contg. 50% linoleic acid, shows only one double-bond frequency 1657 cm.$^{-1}$, and no lines at 1643 which, however, does appear in the linoleate spectrum obtained from the tetrabromide according to Rollett (C.A. 4, 1396). Evidently, R.'s determination procedure results in partial isomerization which is responsible for the 1643 line. If the determination of the linoleic acid tetrabromide is effected in C_6H_6 soln., i.e., under mild conditions, the 1643 cm.$^{-1}$ frequency does not appear in the spectrum of the Me ester. Natural linoleic acid is a cis isomer, with only one double-bond Raman frequency at 1657 cm.$^{-1}$. The 2nd frequency 1639 cm.$^{-1}$ (close to 1643) found by McCutcheon, et al. (C.A. 39, 1664) is undoubtedly due to partial isomerization. N. Thon

NAYDENOVA, I.N.

Dissertation: "Investigation of Lonoleic Acid." Cand Chem Sci, Leningrad State U, Leningrad, 1954. (Referativnyy Zhurnal, Khimiya, Moscow, No. 16, Aug 54)

SO: SUM 393, 28 Feb 55

USSR/Cultivated Plants: Fruit Trees. Small Fruit Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77365.

Author : Naydenova, I.N.
Inst : All-Union Institute of Plant Protection.
Title : Raising High Quality Mildew-Resistant Grapes.

Orig Pub: Sb. tr. Mold. str. Vsesoyuzn. in-ta zashchity rast., 1957, vyp. 2, 45-50.

Abstract: For obtaining mildew-resistant forms, the varied quality of a special intra-specie was used. In a collection nursery, the most resistant seedlings of European varieties of grape were selected on the basis of strong infection of mildew. Seedlings No 1 and No 2 were isolated which have good economic signs along with increased resistance. Their con-

Card : 1/3

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77865.

parison with the standard varieties Shasla and Aligote showed that in conditions of strong mildew infection, seedling No 2 preserved 91% of leaves, seedling No 1 - 41.7% with withering of 97.5% and 79.9% in the control varieties. Reproductive and vegetation hybridization with purposes of direct raising of mildew-resistant seedlings with standard commercial varieties found the domination of the features of the old commercial varieties and decrease of the mildew-resistant hybrids in comparison with selected resistant seedlings. The increased mildew resistance of the seedlings is connected in great part with the phytoncydon properties of their sap (rapid cessation of movement of zoospores by mildew under

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77865.

the effect of sap and volatile substances secreted by the tissues), and sometimes with the original reaction of the cells to the introduction of the parasite (necrosis of the tissues with formation of an isolated layer from the location of the infection). -- V. V. Arkhangel'skaya.

Card : 3/3

Naydenova, I. N.

AUTHORS: Naydenova, I. N., Andreyeva, V. A., Bykov, V. T., Versen, S. P., Zyakhor, Ye. S., Cherniy, V. F. 62-11-22/29

TITLE: On the Investigation of Effective Substances of the Cinquefoil Ginseng (K izucheniyu deystvuyushchikh veshchestv zhen'shenya)

PERIODICAL: Izvestiya AN SSSR, Otdel.Khim.Nauk, 1957, Nr 11, pp.1403-1404 (USSR)

ABSTRACT: In order to confirm the assumed compounds in the cinquefoil ginseng (Panax quinquefolium), colour reactions were applied. Namely such ones which are applied in the paper chromatography. The ginseng extracts provide coloured drop-reactions with "hinhydrine" antimony trichloride, paradimethylaminobenzaldehyde, benzidine, α-naphthol. These reactions confirm the existence of sugar, amino- and steroid-compounds. The application of the chromatography made it possible to carry out the elimination of active preparations from the ginseng extract. The root itself is called "San'-sa". There are 10 references, 9 of which are Slavic.

ASSOCIATION: Far-east Branch of the AN USSR (Dal'nevostochnyy filial AN SSSR)

SUBMITTED: June 24, 1957

AVAILABLE: Library of Congress

Card 1/1

NAYDENOVA, I. N.

79-1-49/63

AUTHORS: Pigulevskiy, G. V., Naydenova, I. N.

TITLE: The Monoxide of Methyllinolate and Its Properties (Monookis' metilovogo efira linolevoy kisloty i yeye svoystva)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol.28, Nr 1, pp.234-238(USSR)

ABSTRACT: On the basis of the described results that the oxidation of methyllinolate with benzoyl-hydrogen-peroxide takes place in steps and that the hydrogenation and bromination of linoleic acid ($C_{14}H_{29}$ COOH) takes place in two phases, the authors assumed that the synthesis of the monoxide of this acid could be realized. In order to attain this, methyl linolate was oxidized with acetyl-hydrogen-peroxide. The monoxide is a colorless oil and boils at 173 - 175°C (0,08 mm). Its structure was proved on the basis of the reaction of its oxidation with potassium manganate in an acetone solution. In the case of the presence of its oxide ring of 12 and 13 carbon atoms the oxide of novanic and azelaic acid should be found among the oxidation products (see the process of reaction), in the case of 9 and 10 atoms, however, capronic ($C_{16}H_{12}O_2$) and de-

Card 1/3

The Monoxide of Methyllinolate and Its Properties

decilic acid. The former were liberated. The authors did not content themselves with this proof. For a final determination of the structure of the monoxide it had to be converted to the hydrated product. For the hydrated oxide has the structure of the oxide of octadecilenic-6-18-acid and should, with respect to its properties, differ from those of oleic acid (= oxide of octadecilenic-9-acid-18). By saponification of the hydrogenation product an oxide was liberated which differed in everything from that of oleic acid. Thus the methyllinolate possesses the structure of the methylester of 12,13-oxide-octadecilenic-9-acid-1. By its hydrogenation the oxide of the methyl ester of octadecilenic-6-acid-18 is formed. It became evident that the double bond of the methyl ester of 12,13-oxide-octadecilenic-9-acid-1 is just as rapidly hydrated as that of Δ^{12}-methyllinolate. There are 7 references, 3 of which are Slavic.

Card 2/3

79-1-49/63

The Monoxide of Methyllinolate and Its Properties

ASSOCIATION: **Leningrad State University**
(Leningradskiy gosudarstvennyy universitet)

SUBMITTED: January 9, 1957

AVAILABLE: Library of Congress

Card 3/3 **1. Chemistry 2. Methllinolate-Chemical properties**

VERDEREVSKIY, D.D.; VOYTOVICH, K.A.; NAYDENOVA, I.N.

Effect of a root mentor on the acquisition of resistance to mildew in the seeded progeny of the European grape. Agrobiologiia no.6:941-942 N-D '62. (MIRA 16:1)

1. Moldavskiy nauchno-issledovatel'skiy institut sadovodstva, vinogradarstva i vinodeliya, Kishinev.
(Grapes--Disease and pest resistance) (Mildew) (Grafting)

VOYTOVICH, K.; MAYDANOVA, I.; [illegible], E.; [illegible], P.; [illegible], A.; FILATOVA, I.

Immunity of fruit plants and grapes. Zashch. rast. ot vred. i bol. 10 no.10:21-23 '65. (MIRA 18:12)

1. Moldavskiy institut sadovodstva, vinogradarstva i [illegible]ya i Kishinevskiy sel'skokhozyaystvennyy institut.

VOROB'YEV, A.N., kand.veter. nauk; NAYDENOVA, K.I., mladshiy nauchnyy sotrudnik

Prophylaxis of helminthiases and intoxication in ducks. Veterinariia no. 12:47-48 D '63. (MIRA 17:2)

1. Checheno-Ingushskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.

APT, F.S.; MAYDENOVA, L.P.

Contamination of canned food by thermophilic micro-organisms. Kons. i ov. prom. 14 no.4:39-40 Ap '59. (MIRA 12:5)

1.TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti.
(Food, Canned)

APT, F.S.; MAYDANOVA, L.P.

Methods of detecting causative agents of contact souring in certain types of canned food. Kons. i ov. prom. 14 no.9:33-35 S '59. (MIRA 12:12)

1.Tsentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti.
(Food, Canned--Bacteriology)

NAYDENOVA, L.P.

Conditions of the growth of thermophilic micro-organisms and formation of acids in canned food. Kons.i ov.prom. 17 no.5:37-42 My '62. (MIRA 15:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti.
(Bacteria, Thermophilic) (Food, Canned--Microbiology)

KOSTROVA, Ye.I.; MAZOKHINA, N.N.; MAYDENOVA, L.P.

Development of scientifically based methods of sterilization in food canning. Kons.i ov.prom. 17 no.6:36-38 Je '62. (MIRA 15:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti.
(Food, Canned--Sterilization)

APT, F.S.; MAZOKHINA, N.N.; NAYDENOVA, L.P.; ROGACHEV, V.I.

Microflora of products irradiated by gamma rays. Mikrobiologiia 33 no.1:167-171 Ja-F '64. (MIRA 17:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti, Moskva.

NAYDENOVA, L.P.

Vitamin requirements by thermophilic bacteria. Mikrobiologiia 33 no.3:434-441 My-Je '64. (MIRA 18:12)

1. Nauchno-issledovatel'skiy institut konservnoy promyshlennosti, Moskva. Submitted May 17, 1963.

NAYDENOVA, L.P.

Amino acid requirement by thermophilic bacteria.
Mikrobiologiia 34 no.3:424-429 My-Je '65.
(MIRA 18:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchnoy promyshlennosti, Moskva.

ACC NR: AP6017277 (A) SOURCE CODE: UR/0330/66/000/001/0039/0041

AUTHOR: Naydenova, L. P. (Sr. research associate); Bacherikova, L. V. (Sr. research associate)

ORG: All-Union Scientific Research Institute of the Canning and Dehydrated Vegetable Industry (Vsesoyuznyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti).

TITLE: New disinfectants for the canning industry

SOURCE: Konservnaya i ovoshchesushil'naya promyshlennost', no. 1, 1966, 39-41

TOPIC TAGS: bactericide, food technology, food sanitation, chemical decontamination material, chemical compound

ABSTRACT: The possible use of tetramon ACl-MKI (alkylpyridinium chloride) and dichlordimethylhydantoin for the disinfection of canning equipment was tested on Bac. aerothermophilus, Bac. mesentericus, and Bac. sporogenes. The experimental results show that 1) tetramon solutions of 1% concentration at 70 C kill spores of Bac. aerothermophilus within 5 min. and spores of Bac. mesentericus and Bac. sporogenes within 10 min. after contact, 2) dichlordimethylhydantoin solutions of 0.5% concentration at 40 C kill the spores of the bacteria within 10 min., and 3) tetramon and

Card 1/2 UDC: 664.8

ACC NR: AP6017277

dichlordimethylhydantoin are more effective disinfectants than caustic soda. Manufacture of the new disinfectants on a commercial scale begin by the end of 1965 or beginning of 1966. Orig. art. has: 1 table.

SUB CODE: 06,07/ SUBM DATE: none

Card 2/2

SEMENOVA, A. (UA9DA - Sverdlovsk); BASSINA, M. (UB5KBA - L'vov); BESSONOVA, V. (UA4KSA - Yoshkarola); KOROTKOVA, G. (UA1KAI - Leningrad); NAYDENOVA, M. (UB5TU - Dnepropetrovsk); LYNDINA, I. (UA4KHA - Kuybyshev); OSIDZE, L. (UF6YL - Tbilisi); ZAYNULINA, S. (UI8KAA - Tashkent); SHCHEKOLDINA, A. (UB5GS - L'vov)

YL replies to our inquiries. Radio no.3:14-15 Mr '62. (MIRA 15:3)

(Radio operators)

NAYDENOVA, M.G.

CHERNOIVANNIK, A.Ya.; VARLAKOVA, Z.A.; NAYDENOVA, M.G.; MAYKOPAR, M.B.; ISHKOVA, A.K., redaktor; MEDRISH, D.M., tekhnicheskiy redaktor.

[Machinery and equipment used in fruit and vegetable processing plants] Tekhnologicheskoe oborudovanie plodoovoshchnykh predpriiatii. Moskva, Gostorgizdat, 1953. 520 p. [Microfilm] (MLRA 7:12)
(Canning industry)

NOVITSKIY, K.Yu.; OLEYNIK, A.F.; NAYDENOVA, N.M.; YUR'YEV, Yu.K.

Furan series. Part 37: Reactions of 2-vinylfuran oxide with ammonia and amines. Zhur.org.khim. 1 no.3:541-545 Mr '65. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet.

NIKOLAYEVA, V.M.; MAYDENOVA, N.M.

Nematodes of pelagic and benthopelagic fishes in the seas of the Mediterranean basin. Trudy SBS 17:125-158 '64. (MIRA 18:3)

MISHIN, V.M.; NAYDENOVA, N.Ya.; SHCHUKINA, T.B.

Yearly variation of the frequency of magnetic storms. Geomag. i aer. 2 no.2:321-325 Mr-Ap '62. (MIRA 15:6)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln Sibirskogo otdeleniya AN SSSR.
(Magnetic storms)

44454
S/203/62/002/006/010/020
A160/A101

3.9120

AUTHORS: Mishin, V. M., Naydenova, N. Ya., Platonov, M. L.

TITLE: The diurnal variation of the probability of the appearance of the commencements, the active periods and the ends of magnetic storms

PERIODICAL: Geomagnetizm i aeronomiya, v. 2, no. 6, 1962, 1107 - 1112

TEXT: The authors investigate the probability of the appearance of the commencements, the active periods and the ends of magnetic storms on the basis of the Irkutsk Storms Catalog for 1905 - 1917 and 1925 - 1959. The catalog describes 820 storms. A total of 539 of them are storms with a gradual commencement. Figure 1 presents the curves $S_{нб}$ (nb), $S_{ап}$ (ap) and Sa for Irkutsk. Ordinates in curve 1 represent the frequencies of the commencement of the G-storms n_{nb}, in curve 2 - the frequencies of the active hours n_{ap}, and in curve 3 - the equivalent amplitudes R_H^γ. Similar distinctions between Sa and S_{nb} were also observed at all other stations. These data, characterizing the phases of the maximum of the first harmonic of Sa and S_{nb}, are presented in a table. The authors explain these results by proposing that S_{nb} may be considered as a re-

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sult of Sa. It is followed that the probability of a contact of the corpuscular flux with the Earth does not depend on the time of the day. This conclusion is confirmed by the fact that, according to the mentioned catalog, the diurnal variation of the frequency of SC practically does not exist. The authors then investigate the total of all storm days and introduce the following four hypotheses. 1) The probability that there is a contact between the flux and the Earth, causing the storm is equal for all hours of a day. 2) The magnetic activity during the hour of the commencement of the storm A is not lower than that during an average storm $\overline{A}$: $A \geqslant \overline{A}$. 3) The values of A during the initial hours of the storms are determined by Sa on the basis of the perturbed days. 4) The length of each storm is $\geqslant 12$ hours. The distribution of the probabilities of the commencement of the storms over the hours of the day P (T) will be as follows: P = 0 in two 6-hour intervals $T < \alpha_k - 90^\circ$ and $T > \alpha_k + 90^\circ$ (Figure 2, hatching), P = 1/24 in the 11-hour interval $\alpha_k + 90^\circ \geqslant T > \alpha_k - 75^\circ$, P = 13/24 in one hour containing the moment $T_k = \alpha_k - 90^\circ$. Such a distribution of the probability P (T) has the form of a try-square shown on Figure 2. The authors make the following conclusions. 1) It was determined that the commencements of the storms (recorded at the given station) are generally shifted to the side of

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delay - as regards the moment of the contact of the flux with the Earth. 2) The inequality of $\tau_{nb} < \tau_{kb}$ may be explained by the fact that the fluxes causing the G-storms have a shock front. 3) The main result of this work is the description given of the clearly-expressed variations S_{nb} and S_{kb}, and the possibility of explaining these variations as a result of Sa. There are 4 figures, and 1 table.

ASSOCIATION: Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln SO AN SSSR (Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation of SO, AS USSR)

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Figure 1.

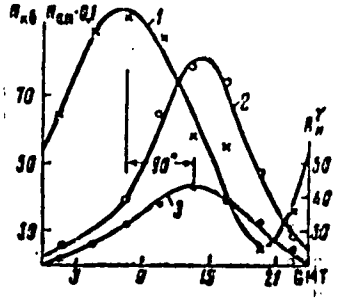
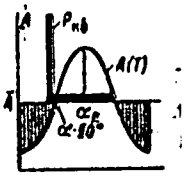


Figure 2.



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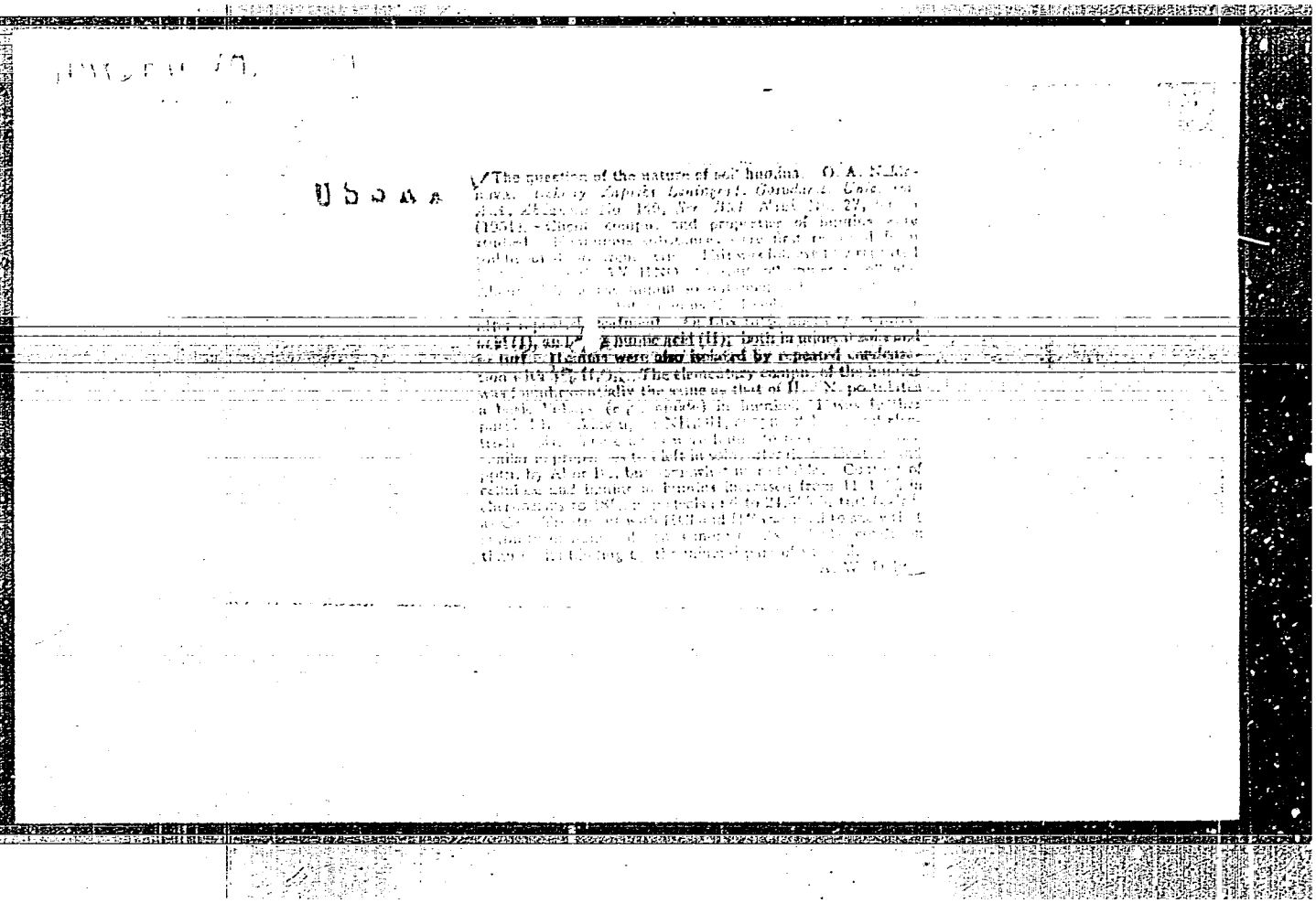

TYURIN, I. V., PAYDENOVA, O. A.

Humic Acid

Characteristics of the composition and properties of humic acids, soluble in dilute alkalis both directly and after decalcification. Trudy Poch inst. no. 38, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

J

Country : USSR
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Abs Jour: RZhBiol., N 14, 1958, No 63033

Author : Aleksandrova, L.N.; Naydenova, O.A.; Shumilova, M.F.
Inst : Leningrad Agricultural Institute
Title : Dynamics of Group and Fractional Composition of Humus in the Yearly Cycle of the Soil-forming Process in Sod-podzolic Soils

Orig Pub: Zap. Leningr. s.-kh. in-ta, 1956, vyp. 11, 106-111

Abstract: A three-year observation of the seasonal dynamics of the group composition of humus in cultivated sod-podzolic soils in the vicinity of the city of Pushkin in the Leningrad oblast' showed that during the spring-summer period intensive processes of formation of humus acids occurred with a predominance of

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[Practical laboratory experiments in soil science] Laboratorno-prakticheskie zaniatiia po pochvovedeniiu. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1957. 214 p. (MIRA 11:1)
(Soils--Analysis)

NAYLENOVA, [illegible]

Some data on the colloids in turf-[illegible] soils. [illegible] no.4:44-48 Ap '64. (MIRA 17:10)

1. Leningradskiy sel'skokhozyaystvennyy institut.

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Effect of repeated experimental aspiration of bone marrow on the organism of the donor. Gemat. i perel. krovi 1:108-109 '65. (MIRA 18:10)

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SHMANOVSKAYA, R.E.; MAYDENOVA, V.A.

Calcination of gypsum in the production of sulfur dioxide and portland cement with dry preparation of charges. [Trudy] NIUIF no.160:50-58 '58. (MIRA 12:8)
(Gypsum) (Portland cement) (Sulfur dioxide)

SIMANOVSKAYA, R.E.; rukovoditel' raboty; SHPUNT, S.Ya.; VODZINSKAYA, Z.V.; KOKINA, Z.I.; PSTUKHOVA, M.G.; MAYDENOVA, V.A.; VAS'YANOV, V.P.; VASIL'YEV, N.F., master; ORLOV, N.N., starshiy apparatchik; NAUMOV, P.M., starshiy apparatchik; TRUPIN, M.P., starshiy apparatchik; VOLKOVA, V.M., starshiy apparatchik; ZORINA, Ye.A.; KIROVA, V.A.; LUTOVA, Z.I., ZENKINA, Z.P., laborant; SEMOKHINA, L.A., laborant; NIKITINA, N.A.

Phosphogypsum and its use in the manufacture of sulfuric acid and portland cement; small-scale operation at the pilot plant of the Scientific Research Institute of Fertilizers and Insectifuges. [Trudy] NIUIF no.160:59-76 '58. (MIRA 12:8)

1.Sotrudniki Nauchnogo instituta po udobreniyam i insektofungisidam (for Simanovskaya, Shpunt, Vodzinskaya, Kokina, Pastukhova, Maydenova). 2.Zamestitel' nachal'nika 3-go tsekha Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Vas'yanov). 3.3-y tsekh Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Vasil'yev, Orlov, Naumov, Trupin, Volkova, Zorina, Kirova, Lutova, Zenkina, Samokhina). 4.TSentral'naya analiticheskaya laboratoriya Opytnogo zavoda Nauchnogo instituta po udobreniyam i insektofungisidam (for Nikitina).
(Gypsum) (Portland cement) (Sulfuric acid)