SPIZHARSKIY, T.N., red.; TOLSTIKHINA, M.A., red.; RODYLEVSKIY, V.I., red.; BOCH, S.G., red.[deceased]; VASILENKO, V.K., red.; DODIN, A.L., red.; DOMRACHEV, S.M., red.; KRASNOV, I.I., red.; MELESHCHENKO, V.S., red.; MENNER, V.V., red.; NIKIFOROVA, O.I., red.; OBRUCHEV, S.V., red.; RZHONSNITSKAYA, M.A., red.; ROSTOVTSEV, N.N., red; SAKS, V.N., red.; SARYCHEVA, T.G., red.; FOMICHEV, V.L., red; CHERNYSHEVA, N.Ye., red.; YAKOVLEV, S.A., red.; RAGINA, G.M., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Proceeding of the Interdepartmental Conference on the Development of a Unified System for the Stratigraphy of Siberia; reports on the stratigraphy of Mesozoic and Cainozoic deposits] Trudy Mezhvedomstvennogo soveshchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri; doklady po stratigrafii mezozoiskikh i kainozoiskikh otlozhenii. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1957. 575 p. (MIRA 11:6)

1. Mezhvedomstvennoye soveshchaniye po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri. Leningrad, 1956. 2. Vsesoyuznyy geologicheskiy nauchno-issledovatel'skiy institut (for Spizharskiy, Tolstikhina, Boch, Dodin, Krasnov, Meleshchenio, Nikiforova, Rostovtsev, Fomichev, Chernysheva, Yakovlev). 3. Leningradskiy gornyy institut (for Bodylevskiy). 4. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut (for Vasilenko, Domrachev). 5. Geologicheskiy institut Akademii nauk SSSR (for Menner). 6. Laboratoriya dokembriya Akademii nauk SSSR (for Obruchev). 7. Institut geologii Arktiki (for Saks). 8. Paleontologicheskiy institut Akademii nauk SSSR (for Sarycheva)

(Siberia--Geology, Stratigraphic)

SPIZHARSKIY, T.N., red.; BODYLEVSKIY, V.I., red.; BOCH, S.G., red.; VASILENKO, V.K., red.; DODIN, A.L., red.; DOMRACHEV, S.M., red.; KRASNOV, I.I., red.; MELESHCHENKO, V.S., red.; MEDNER, V.V., red.; NIKIFOROVA, O.I., red.; OBRUCHEV, S.V., red.; RZHONSNITSKAYA, M.A., red.; ROSTOVTSEV, N.N., red.; SAKS, V.N., red.; SARYCHEVA, T.G., red.; FOMICHEV, V.D., red.; CHERNYSHEVA, N.Ye., red.; YAKOVLEV, S.A., red.; SKVORTSOV, V.P., red.izd-va; PEN'KOVA, S.A., tekhn.red.

[Decisions of the Interdepartmental Conference on Making Unified Stratigraphic Charts of Siberia] Resheniia Mezhvedomstvennogo soveshchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1959. 91 p. (MIRA 12:9)

1. Mezhvedomstvennoye soveshchaniye po razrabotke unifitsirovannykh stratigraficheskikh skhem Sibiri, Leningrad, 1956.
(Siberia--Geology, Stratigraphic)

MAYMINA, L.G.; MELESHCHENKO, V.S.; YANOV, E.N.

Middle Devonian Azyrtal series in the Minusinsk Basin. Inform. sbor. VSEGEI no.6:55-61 '59. (MIRA 13:12)
(Minusinsk Basin--Geology, Stratigraphic)

MELESHCHENKO, V.S.; ZANOV, B.N.

Troughs lying on geosynclinal borders. Geol. i geofiz. no.11:92-95 '60. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut, Leningrad.

(Geology, Structural)

MELESHCHENKO, V.S.; YANOV, E.N.; KASAKOV, I.N.

Basic tectonic characteristics of the Sayan-Altai folded area.
Mat. VSEGEI no.32:5-21 '60. (MIRA 14:3)
(Sayan Mountains--Geology, Structural)
(Altai Mountains--Geology, Structural)

MELESHCHUK, B., kapitan-leytenant, slushatel'.

Using the critical angle method in manoeuvering. Mor.flot. 19 no.4:10-11 Ap '59. (MIRA 12:6)

1. Voyenno-Morskaya akademiya imeni Krylova.
(Navigation)

DEKHTYARENKO, P.I. (Kiyev); KOZUBOVSKIY, S.F. [Kozubovs'kyi, S.F.] (Kiyev); MELESHEV, A.M. [Mieliieshev, A.M.] (Kiyev); RAYKHMAN, S.R. (Kiyev)

Electronic differentiating network for automatic measurement of rolling speed. Avtomatyka no.2:63-68 '62. (MIRA 15:5)
(Pulse circuits) (Rolling mills) (Automatic control)

KUNTSEVICH, V.M. [Kuntsevych, V.M.]; SVETAL'SKIY B.K. [Svetal's'kyi, B.K.]; MELESHEV, A.M. [Meleshev, A.M.], CHERNYSH, A.F. [Chernysh, O.F.]

Improved controller for optimum speed regulation in river craft. Avtomatyka 8 no.5:84-89 '63. (MIRA 17:1)

L 02465-67 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6018017 SOURCE CODE: UR/0102/66/000/003/0015/0023

58
B

AUTHOR: Pavlov, V. V. (Kiev); Melyeshev, A. M. -- Meleshev, A. M. (Kiev)

ORG: None

TITLE: Compensation of perturbations and autonomy of infinite-dimensional systems

SOURCE: Avtomatyka, no. 3, 1966, 15-23

TOPIC TAGS: automatic control theory, computer simulation, analog computer, automatic control system

14

ABSTRACT: The authors study the problem of synthesizing control systems which would insure autonomy and invariance of a finite number of degress of freedom for infinite-dimensional objects. An ordered system of equations is given for an infinite-dimensional object treated as a finite-dimensional controller. Expressions are given for the control organs of an invariant system. The system was simulated on an analog computer. It is shown that invariance may be produced with the aid of a finite-dimensional object if certain conditions are maintained. An example is given of the control system of an elastic object consisting of a uniform beam with a tracking force at its end. It is further shown that the coordinates characterizing the motion of the center of mass of the object do not depend on the coordinates

Card 1/2

L 02465-67
ACC NR: AP6018017

of the elastic vibrations of the object under conditions of invariance. Figures are given showing the reaction of the system to stepwise control with a rigid object, an elastic object, and an elastic object where invariance conditions are maintained. Orig. art. has: 4 figures, 14 formulas.

SUB CODE: 13,09/ SUBM DATE: 06Apr65/ ORIG REF: 008

Card 2/2

L 26065-65 EWT(m)/EPF(c)/T/EWP(j) Pc-4/Pr-4 RM/

22
19
B

ACCESSION NR: AR4048484 S/0081/64/000/013/S009/S009

SOURCE: Ref. zh. Khimiya, Abs. 13858

AUTHOR: Glikman, T. S.; Barvinskaya, Z. L.; Meleshevich, A. P.

TITLE: The cationic polymerization of 9-vinylanthracene and the effect of light and ionizing radiation on this process. I. Polymerization of 9-vinylanthracene in the presence of stannic chloride

CITED SOURCE: Sb. Vysokomolekul. soyedineniya. Karbotsepn. vysokomolekul. soyedineniya. M., AN SSSR, 1963, 144-149

TOPIC TAGS: cationic polymerization, polymerization catalyst, vinylanthracene polymerization, stannic chloride, polymerization kinetics, active complex formation

TRANSLATION: The authors investigated the polymerization of 9-vinylanthracene in benzene solution in the presence of $SnCl_4$ and found that addition of $SnCl_4$ to a 9-vinylanthracene solution changes the absorption curve of the latter, these changes being reversible. The intensity of the bands appearing only in the presence of $SnCl_4$ (at 233 and 260 mμ) decreases with increasing temperature,

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L 26065-65

ACCESSION NR: AR4048484

while a decrease in temperature restores the original curve. The authors suggest that an unstable intermediate is formed from the interaction of the catalyst and the monomer, and that this intermediate then initiates the polymerization process. The decrease in the concentration of this complex with increasing temperature explains the negative temperature coefficient of the polymerization reaction which was observed experimentally. At catalyst concentrations > 0.1 mole/g, the rate of polymerization increases proportionally to the $SnCl_4$ concentration. At lower catalyst concentrations, the curve relating rate to concentration shows a shallow maximum. The authors assume that the catalyst consists of molecules of $SnCl_4$ in varying degrees of hydration, the activity of which decreases in the order: $SnCl_4 \cdot 2H_2O$ > $SnCl_4 \cdot H_2O$ > $SnCl_4$. The rate of polymerization is proportional to the 1.5 power of the monomer concentration. Authors' abstract

SUB CODE: OC, GC ENCL: 00

Card 2/2

MELESHEVICH A. P.

AID Nr. 980-17 31 May

EFFECT OF IONIZING RADIATION ON THE STRUCTURAL CHANGES IN RUBBER-PLASTIC SYSTEMS (USSR)

Blokh, G. A., V. A. Zhurko, M. A. Vyazankina, M. A. Vas'kovskaya, A. P. Meleshevich, F. V. Bronshteyn, and E. V. Tsipenyuk. Vysokomolekulyarnyye soyedineniya, v. 5, no. 4, Apr 1963, 605-613.
S/190/63/005/004/019/020

Structural changes produced by ionizing radiation in doses of 1 to 100 Mr in rubber-plastic systems have been studied at the Dnepropetrovsk Institute of Chemical Technology. The changes in properties were evaluated from thermomechanical curves in the range from about 60 to 220°C and from swelling data. The experiments were conducted with systems of sodium butadiene (СКБ), butadiene-styrene (СКС-30), or natural rubber and low- or high-pressure polyethylene or polystyrene (rubber:plastic ratios, 80:20, 50:50, and 20:80) irradiated in air without heating. The thermomechanical curves of individual nonirradiated and irradiated systems differ sharply from one another.

Card 1/2

AID Nr. 980-17 31 May

EFFECT OF IONIZING RADIATION [Cont'd] S/190/63/005/004/019/020

At a given temperature and radiation dose, network structure formation, indicated by a loss of deformability and by the absence of viscous flow, was shown to be induced by irradiation. The density of cross links in individual systems, determined by Flory's swelling method, was shown to increase with an increase of the dose and to depend on the nature of the rubber and the rubber-to-plastic ratio. In polymers containing phenyl groups radiation-induced structural changes proceeded slower and required higher radiation doses. Analysis of the results of the study indicates that ionizing radiation apparently causes a covulcanization of the rubber and the plastic and is accompanied by a change in the physical and mechanical properties of the system: a sharp decrease in plasticity, a decrease in swelling, and increases in hardness, tensile strength, and wear resistance. It is concluded that irradiation of combinations of rubbers and plastics in predetermined ratios makes possible the production of materials with the desired improved properties.

[BAO]

Card 2/2

BLOKH, G. A.; ZHURKO, V. A.; TSIPENYUK, E. V.; BELOUSOVA, E. A.; MELESHEVICH, A. P.; VAS'KOVSKAYA, M. A.

Radiation vulcanization of rubber compounds for soles. Kozh. obuv. prom. 5 no. 12:18-22 D '63. (MIRa 17:5)

CHERENYUK, I.P.; BLOKH, G.A. [Blokh, H.A.]; MELESHEVICH, A.P., doktor khim. nauk

Effect of ionizing radiation on the properties of resinous vulcanizates of isoprene rubber. Khim. prom. [Ukr.] no.3: 6-8 Jl-S '64. (MIRA 17:12)

L 33155-65 EPF(c)/EPR/EWG(j)/EWA(h)/EWP(j)/EWT(m)EWA(c)/T/EWA(i) Pc-4/Pr-4/Ps-4/
ACCESSION NR: AP5004738 Peb RPL WW/JW/RM S/0073/65/031/001/0089/0093

AUTHORS: Gurash, G. V.; Melashevich, A. P.; Pochinok, V. Ya.; Syromyatnikov, V. G.; Fedurova, I. P.

TITLE: Synthesis by irradiation of allylamine methacrylic acid copolymers

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 31, no. 1, 1965, 89-93

TOPIC TAGS: allylamine, methacrylic acid, copolymer, hydrogen peroxide, benzene peroxide, methanol, sodium acetate, IR spectra

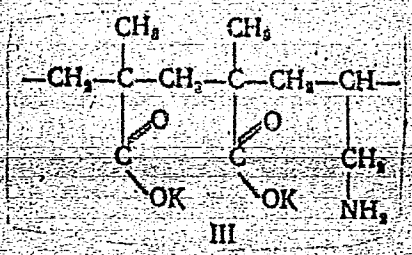
ABSTRACT: The synthesizing procedure was tested in producing polyampholites by copolymerization of allylamine and methacrylic acid under irradiation by Co^{60} gamma rays with different solvents, varying the pH of media, temperatures, and initiators.

rays with different solvents, varying the pH of media, temperatures, and initiators. The latter were: hydrogen peroxide, benzene, tertiary butyl, persulfates, and dinitrils of azo-isobutyric acid. Mixtures of aqueous allylamine and potassium methacrylate yielded no copolymers on heating and on usual initiation. Copolymers did appear after irradiation and could be precipitated with methanol or sodium acetate. They were soluble in acids and alkali. The elementary link of these copolymers corresponds to the formula

Card 1/2

L 33165-65

ACCESSION NR: AP5004738



III

More extensive irradiations resulted in grafting of additional allylamine on already formed copolymer chains. Orig. art. has: 5 formulas, 1 table, and 6 graphs.

ASSOCIATION: Kievskiy gosudarstvenny universitet im. T. G. Shevchenko. (Kiev State University); Institut fizicheskoy khimii im. L. V. Pisarzhevskogo AN UkrSSR. (Institute of Physical Chemistry AN UkrSSR)

SUBMITTED: 03Jul63 ENCL: 00 SUB CODE: OC

NO REF SOV: 000 OTHER: 005

Card 2/2

KHIMCHENKO, Yu.I.; UL'BERG, Z.R.; PRIKHOD'KO, G.P.; IVANOVA, Ye.I.; KABAKCHI, A.M.; MELESHEVICH, A.P.; NATANSON, E.M.

Effect of γ-irradiation on the structure of epoxide resin and metal polymers based on it. Ukr. khim. zhur. 31 no. 11: 1164-1167 '65 (MIRA 19:1)

1. Institut fizicheskoy khimii imeni Pisarzhevskogo AN UkrSSR i Institut obshchey i neorganicheskoy khimii AN UkrSSR.

MELEKHEVICH, A.V.

Palpatory diagnosis of gastric cancer. Sov. med. 27 no.2 65-68 Ag '64. (MIR. 17:3)

1. Grodnenskiy [illegible] onkologicheskiy dispanser (glavnyy vrach T.S. [illegible])

MELESHEVICH, A.V., vrach-onkolog

Elimination of the rigidity of the abdominal wall in palpation. Zdrav.Belor. 6 no.2:55-56 F '60. (MIRA 13:6)

1. Iz Grodnenskogo oblonkodispansera (glavnyy vrach T.A. Pantyushchenko).

(ABDOMEN)

S/120/60/000/02/045/052
E140/E335

AUTHORS: Makarov, Yu.V. and Meleshin, N.M.

TITLE: Light Pulse Generator for Photomultiplier Testing

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No 2, pp 154 - 155 (USSR)

ABSTRACT: An instrument is described employing a neon lamp and a thyratron for generating short light pulses at repetition rates of 50 - 250 cps. The scatter is about 0.15%. Dispersion is absent.
There are 4 figures and 2 references, 1 of which is English and 1 Soviet.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics of the Ac.Sc., USSR)

SUBMITTED: March 31, 1959

Card 1/1

MELESHEVICH, A.V.

Case of two teratomas of the ovaries. Zdrav. Bel. 9 no.2: 71-72 F'63. (MIRA 16:7)

1. Iz Grodnenskoy oblastnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach BSSR S.G.Dulayev) i Grodnenskogo oblastnogo onkologicheskogo dispansera (glavnyy vrach T.A.Pantyushenko).
(OVARIES—ABNORMITIES AND DEFORMITIES)

MELESHIN, S.M., kand. tekhn. nauk; IVANOV, V.A., inzh.

Ways of expanding iron ore mining in the U.S.S.R. Shakht. stroi. 8 no.5:1-4 My'64 (MIRA 17:7)

1. Gosplan SSSR (for Meleshkin). 2. Gosudarstvennyy komitet po chernoy i tsvetnoy metallurgii pri Gosplane SSSR (for Ivanov).

SHURIN, S.P.; CHASOVSKIKH, G.G.; MIKHAYLOVA, L.P.; GRIGOR'YEV, Yu.A.; MELESHIN, S.V.

Effect of heparin on cells of malignant tumor in tissue culture. Biul. eksp. biol. i med. 57 no.3:85-88 Mr '64.

(MIRA 17:11)

1. Novosibirskiy meditsinskiy institut. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

MELESHIN, V. A.

4587. MELESHIN, V. A. proizvodstvo masla nepreryvno-potochnym sposobom. pod. red. V. I. Sirika. m., pishchepromizdat, 1954. 96 s. s ill; il. chert 22 sm. (m-vo prom-sti myasnykh i molochnykh produktov SSSR. tekhn. upr. otd. tekhn. informatsii i izobretatel'stva. obmen peredovym tekhn. opytom). 8.000 ekz. 1 r. 85 k.-/55-170/p

664.972.3:658.561

SO: Knizhnaya Letopis', Vol. 1, 1956

ACC NR: AP7006031 SOURCE CODE: UR/0292/66/000/010/0004/0006

MELESHIN, V. I. (Engineer)

Starting Regime of a Two Phase Motor with Hollow Rotor and Pulse Control"

Moscow, Elektrotekhnika, No 10, 1966, pp. 4-6.

Abstract: Specific features of the startup regime of an asynchronous two-phase motor with hollow rotor and pulse control are presented. The torque of the motor is analyzed both with pulse-width and phase control. Relations are given for calculation of power in the windings. Orig. art. has: 3 figures and 6 formulas.
[JPRS: 39,548]

ORG: none

TOPIC TAGS: electric motor, electric engineering

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 003

Card 1/1 UDC: 621.313.333.025.2.001.24

0927081lo

84682

S/051/60/009/005/002/019
E201/E191

9,4300 (1035, 1138, 1143)

AUTHOR: Meleshina, A.M.

TITLE: The Effect of Vibrations on the Forbidden Transitions in a Molecule

PERIODICAL: Optika i spektroskopiya, 1960, Vol.9, No 5, pp 564-570

TEXT: In the electronic spectra of molecules there are some forbidden bands which appear due to the effect of atomic vibrations on the electron states. For example the 2600 Å band in the spectrum of benzene vapours, normally forbidden, is due to E_g^+ vibrations. The oscillator strength of this band was first calculated by Craig (Ref. 1) who used the perturbation theory. Sponer and Herzfeld (Ref. 2) pointed out that Craig's value was in error and gave a new value for the oscillator strength, assuming that the band at 2600 Å is affected by vibrations of 521 cm^{-1} wave-number. Sponer and Herzfeld's oscillator strength was 700 times smaller than the experimental value. The present author describes a new calculation of the oscillator strength of the 2600 Å band, assuming that π-electrons are responsible for the transition (the calculation was carried out in the one-electron

Card 1/2

84682

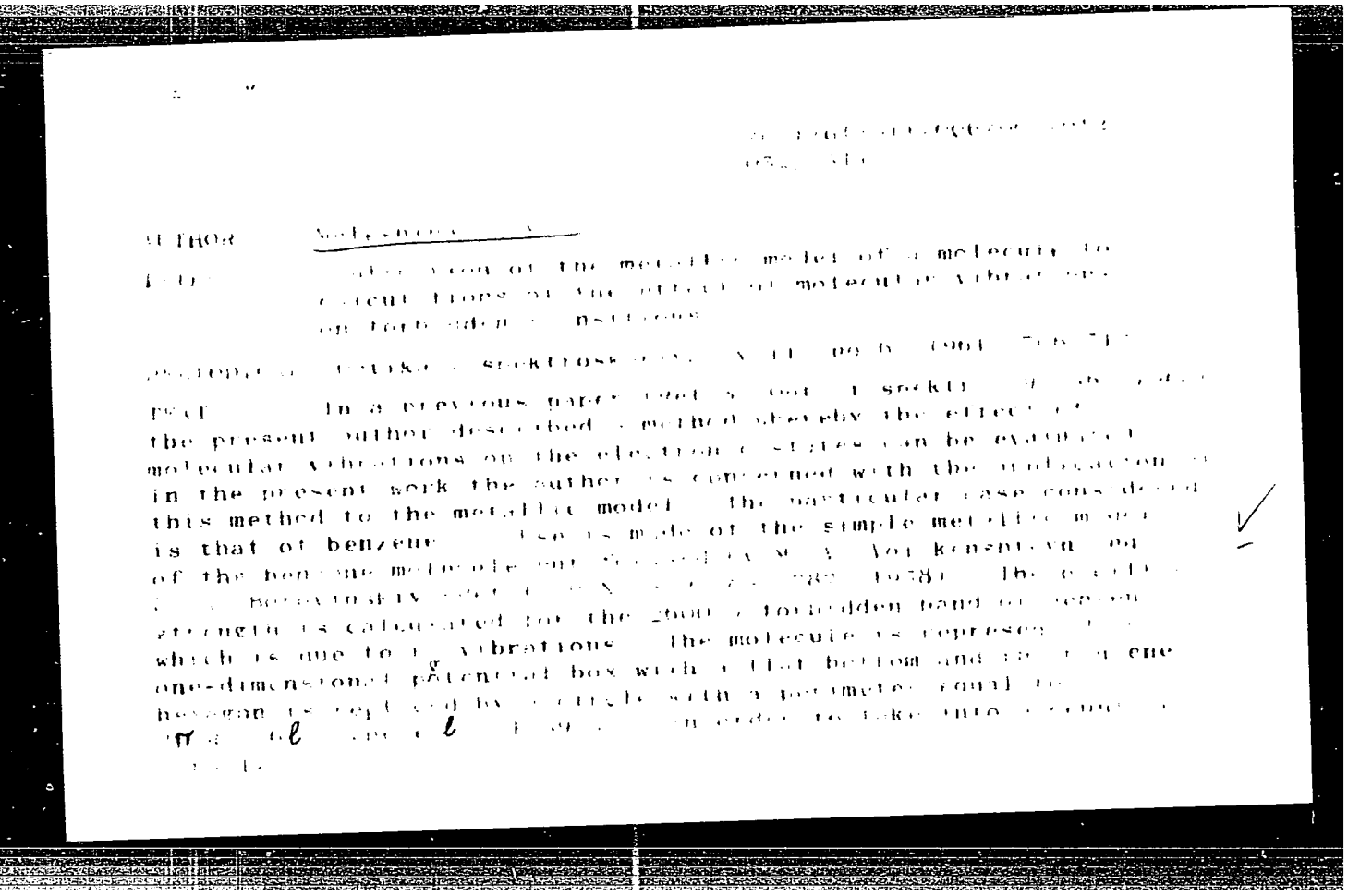
S/051/60/009/005/003/019
E201/E191

The Effect of Vibrations on the Forbidden Transitions in a Molecule

approximation). Wave-functions were determined by solving Schrodinger's equation and using the Bogolyubov parameter. Good agreement with experiment was obtained: the calculated value was $f = 1.3 \times 10^{-3}$, compared with the experimental value of $f = 1.6 \times 10^{-3}$. The paper is entirely theoretical. There are 5 references: 1 Soviet, 3 English and 1 German.

SUBMITTED: January 18, 1960

Card 2/2



deformation of the molecule due to the vibrations the [illegible] is resolved into six normal terms and the deformation is looked upon as an increase in the length of the corresponding arc [illegible] Schrödinger equation for the problem is taken in the [illegible]

$$\left(\hbar \sum \nabla \quad + \quad \frac{\partial}{\partial} \right) \Psi$$

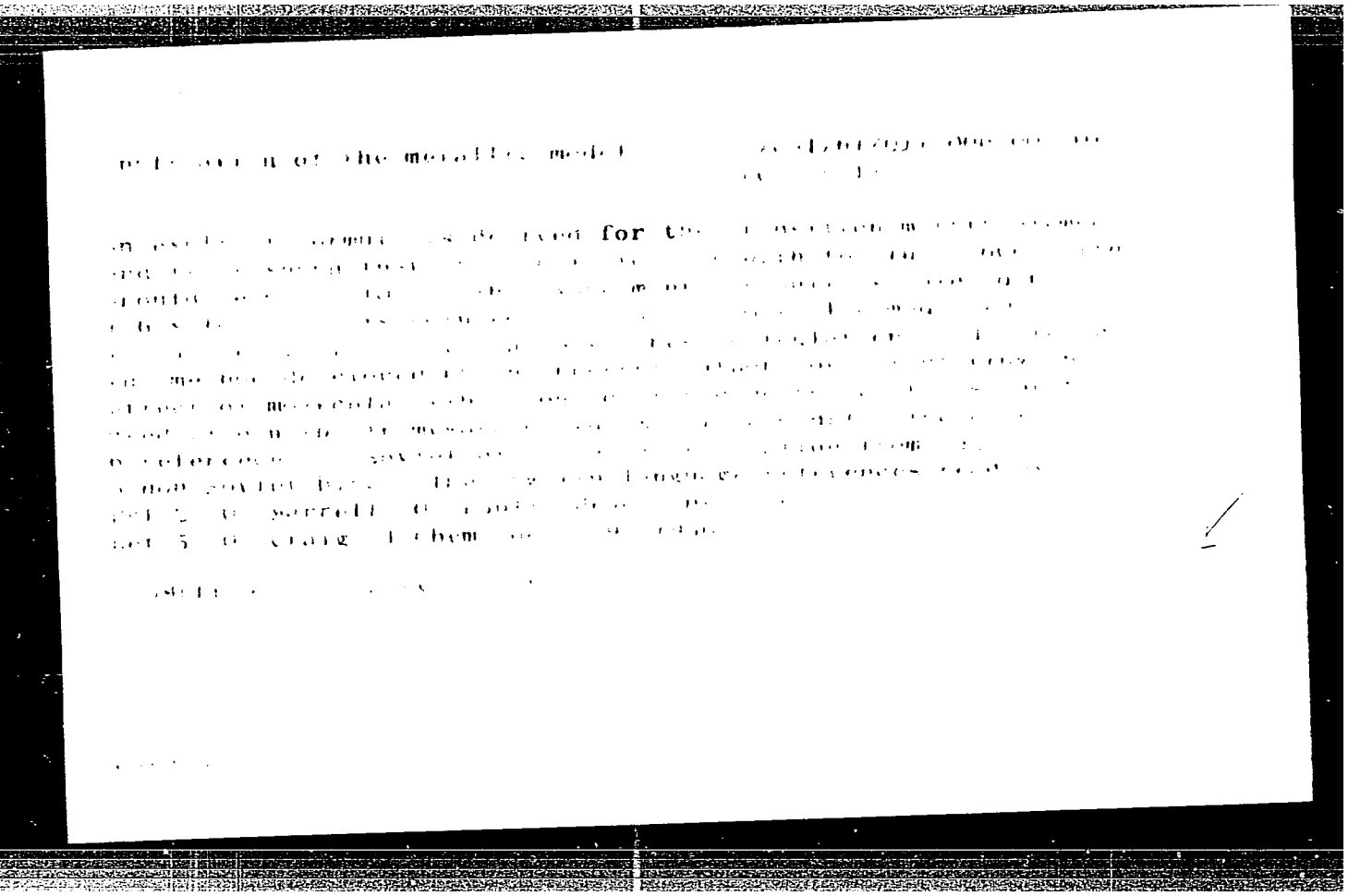
[illegible] Ψ [illegible]

Ψ [illegible] Ψ [illegible] Φ [illegible]

Φ [illegible]

$$\left[\quad \right] \Phi \qquad \Phi$$

[illegible]



MELESHINA, A.M.; ZALUKAYEV, L.P.

Formation of complexes with charge transfer by free radicals.
Zhur. fiz. khim. 38 no.6:1434-1441 Je '64. (MIRA 18:3)

1. Voronezhskiy gosudarstvennyy universitet.

S/058/62/000/006/024/136
A061/A101

AUTHOR: Meleshina, A. M.

TITLE: Calculation in adiabatic approximation of the oscillator strength of a forbidden electron transition in the benzene molecule

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 9, abstract 6V52 ("Tr. Voronezhskogo un-ta", 1961, v. 55, 55 - 61)

TEXT: The oscillator strength (f) of the forbidden line of benzene at 2,600 Å has been calculated in adiabatic approximation. The calculation is based on the assumption that the π-electron is responsible for the transition. The calculation is made in one-electron approximation using the Vol'kenshteyn-Borovinskiy model for benzene. f_{theor} is found to be $\sim 10^{-7}$, while $f_{experim} = 1.6 \cdot 10^{-3}$. If Kovner's model is taken for benzene, it is shown that the theoretical result will differ from the value of f_{theor} found in the investigation, only by a factor of the order of unity. An appraisal by the molecular orbital method leads to about the same result. It is concluded from the large divergence between theoretical and experimental data that the adiabatic approximation is

Card 1/2

S/058/62/000/006/024/136
A061/A101

Calculation in adiabatic...

...suited for calculating the effect of atomic vibrations on electron states.

Ye. Pshenichnov

[Abstracter's note: Complete translation]

Card 2/2

ACCESSION NR: AP4041751 S/0076/64/038/006/1434/1441

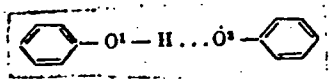
AUTHOR: Meleshina, A. M.; Zalukayev, L. P.

TITLE: Charge transfer complex formation by free radicals

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 6, 1964, 1434-1441

TOPIC TAGS: free radical, charge transfer complex, phenol, phenoxyl, quantum mechanics

ABSTRACT: An attempt has been made to determine the possibility of the existence of a charge transfer complex in the phenol-phenoxyl system by quantum mechanical calculations. Phenol was selected because of the absence of steric hindrance. The normal-state energy was calculated for a certain hypothetical distance between the phenol and the radical, and for a certain normal arrangement of the two species. The following assumptions were made: 1) the benzene ring energy does not change in all cases; 2) the energy of the complex is essentially determined by the interaction between the hydrogen and the two oxygens:



;

Card 1/2

ACCESSION NR: AP4041751

3) complex formation affects mainly the bond O^1-H...O^2; the change in the interaction between CO^1 and CO^2 will be disregarded; and 4) the possible sandwich structure of the complex will be disregarded. Since the calculated normal-state energy of the complex was lower than the calculated energy of $C_6H_5OH + C_6H_5O\cdot$ (i.e., in the absence of complex formation), it was concluded that formation of a molecule-radical charge transfer complex is possible. This work was done at Voronezh State University. Orig. art. has: 4 tables and 60 formulas.

ASSOCIATION: Voronezhskiy gosudarstvenny*y universitet (Voronezh State University)

SUBMITTED: 08Feb63 ATD PRESS: 3055 ENCL: 00

SUB CODE: GP, GC NO REF SOV: 004 OTHER: 005

Card 2/2

L 16073-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5021678 SOURCE CODE: UR/0192/65/006/004/0619/0624

AUTHOR: Meleshina, A. M.; Zalukayev, L. P.

39
36
B

ORG: Voronezh State University (Voronezhskiy gosudarstvennyy universitet)

TITLE: Intramolecular homocomplexes

SOURCE: Zhurnal strukturnoy khimii, v. 6, no. 4, 1965, 619-624

TOPIC TAGS: aromatization, benzene, intramolecular mechanics, quantum mechanics

ABSTRACT: Experimental facts suggest that some aromatic systems form intramolecular homocomplexes with charge transfer (CTC). Thus, CTC may occur between benzene rings within one molecule. Starting with the principle of superimposition and orientation, proposed by Milliken (Rec. trav. chim. 75, 845, 1959), the authors have carried out a quantum-mechanical calculation the results of which indicate that this kind of complex is formed in bibenzyl (I). Evaluation of the energy of CTC (found to be of the range of 0.03 ev) shows that the "constriction"

Card 1/2 UDC: 539.196

L 16073-66

ACC NR: AP5021678

3

of benzene rings in I and some peculiarities of behavior of I as compared to benzene, biphenyl, and diphenylmethane can be satisfactorily explained by the formation of an intramolecular CTC. Orig. art. has: 3 figures and 6 formulas.

SUB CODE: 07,20 SUBM DATE: 11Jan64/ ORIG REF: 004/ OTH REF: 013

Card 2/2

VARSHAVSKIY, V.I.; MELESHINA, M.V.; TSETLIN, M.L.

Automata behavior in periodical random media and the synchronization problem in the presence of noise. Probl. pered. inform. 1 no.1:65-71 '65. (MIRA 18:7)

MELESHINA, V.A.; ZHELUDEV, I.S.; REZ, I.S.

Application of the charged powder method to the study of the domain structure and morphological growth characteristics of triglycine sulfate crystals. Kristallografiia 5 no.2:322-323 Mr-Ap '60. (MIRA 13:9)

(Glycine) (Ferroelectric substances)

MELESHINA, V. A., REZ, I. S.,

"Annealing of TGS Crystals"

report presented at the Symposium on Ferroelectricity and Ferromagnetism, Leningrad, 30 May-5 June 1963

ACCESSION NR: AP4030654 S/0048/64/028/004/0735/0740

AUTHOR: Meleshina, V.A.; Rez, I.S.

TITLE: Concerning the nature of the unipolarity of ferroelectric triglycine sulfate /Report, Symposium on Ferromagnetism and Ferroelectricity held in Leningrad 30 May to 5 June 1963/

SOURCE: AN SSSR. Izv. Ser.fiz., v.28, no.4, 1964, 735-740

TOPIC TAGS: ferroelectricity, unipolarity, unipolar anisotropy, ferroelectric unipolar anisotropy, triglycine sulfate, triglycine sulfate unipolar anisotropy

ABSTRACT: The effect of annealing in dry air at 8- to 140°C on the dielectric hysteresis and domain structure of naturally "unipolar" triglycine sulfate single crystals was investigated, and the electrical conductivity of the crystals was measured over the same temperature range. The crystals were grown from seeds, some under laboratory conditions and some under "semi-industrial" conditions. The "unipolarity" of the crystals consists of an asymmetric location of the dielectric hysteresis loop with respect to the field and polarization axes (unipolar anisotropy). It was found that a sufficiently protracted anneal at a temperature of 110°C or higher would com-

Card 1/3

pletely destroy the unipolar anisotropy. The time required for this effect was a matter of hours; it depended on the initial degree of unipolar anisotropy and decreased by a factor two when the anneal temperature was increased from 112 to 140°C. Application of an electric field of the order of 10 kV/cm during the annealing reduced the time required to remove the anisotropy by an order of magnitude. Anneal at 105°C (or at lower temperatures), with or without an electric field, had no effect on the unipolar anisotropy. The resistivity of the crystals showed an anomalous temperature dependence within a narrow range (about 8°) in the vicinity of 110°C. At temperatures above and below this region the relation was logarithmic, the activation energy being 0.9 eV at the lower temperatures and 1.2 eV at the higher. Rows of etch pits (etching technique described elsewhere) outlining twin dislocations were observed on the (010) plane of the unipolar crystals. Anneal above 110°C did not affect these dislocations, but it did result in a reorganization of the domain structure and the appearance of domains of both signs. The domain structure resulting from anneal in an electric field differed from that obtained without the field. In the former case, the domains on the (010) plane were lenticular and large. The domains obtained by annealing without the electric field were small, elongated, and had sinuous boundaries. It is suggested that the effect of annealing on the uni-

ACCESSION NR: AP4030654

polar crystals may be due to a redistribution of point defects. Orig.art.has: 2 formulas and 5 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: EM

NR REF SOV: 006

OTHER: 003

Card 3/3

(3)

ACC NR: AP6013882 (A) SOURCE CODE: UR/0073/65/031/011/1164/1167

AUTHOR: Khimchenko, Yu. I.; Ul'berg, Z. R.; Frikhed'ko, G. F.; Ivanova, Ye. I.; Kabakchi, A. M.; Meleshevich, A. P.; Natanson, L. M.

ORG: Institute of Physical Chemistry im. L. V. Pisarzhevskiy, AN UkrSSR (Institut fizicheskoy khimii AN UkrSSR)

TITLE: Effect of gamma irradiation on the structure of epoxy resin and metallopolymers based on epoxy resin

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 31, no. 11, 1965, 1164-1167

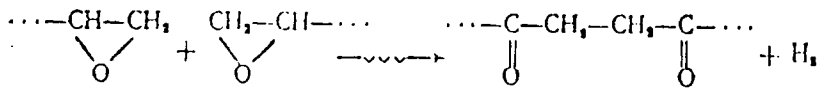
TOPIC TAGS: gamma irradiation, irradiation effect, epoxy plastic, metallopolymer material, IR spectroscopy, [illegible]

ABSTRACT: Infrared spectroscopy in the range of 600-2000 cm^{-1} was used to determine the effect of Co^{60} gamma radiation on ED-5 epoxy-diane resins, and on metallopolymers from these resins containing 1 and 6% copper and 5% lead. In the resins, a new band (corresponding to carbonyl groups) was found at about 1720 cm^{-1} which increased substantially in intensity as the irradiation was continued. At the same time, the integral intensity of the 915 cm^{-1} band decreased. This is thought to be due to the opening of epoxy rings with the formation of carbonyl groups:

UDC: 621.039.55

Card 1/2

ACC NR: AP6013882



A dose of $4 \cdot 10^{18}$ rad was found to decrease the content of epoxy groups by 23-25% in the ED-5 resin. Introduction of colloidal copper and lead leads to a greater reduction in the number of epoxy groups (40% for 1% copper, 55% for 6% copper, and 60% for 5% lead). This suggests that during the irradiation, the colloidal metals cause an increase in molecular weight at the expense of the opening of epoxy rings. Orig. art. has: 3 figures.

SUB CODE: 07,11/ SUBM DATE: 30Jun64/ ORIG REF: 005

Card 2/2 nlp

L 00724-67 EWT(m)/EWP(j)/T IJP(c) RM/WW

ACC NR: AP6024845 SOURCE CODE: UR/0073/66/032/004/0366/0370

AUTHOR: Klochkov, V. P.; Shpigun, A. A.; Ul'berg, Z. R.; Prikhod'ko, G. P.; Ivanova, Ye. I.; Kabakchi, A. M.; Meleshevich, A. P.; Natanson, E. M.

ORG: Institute of General and Inorganic Chemistry, AN UkrSSR (Institut obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: X-ray diffraction study of ED-5 epoxy-diane resin irradiated with Co^{60} gamma rays and of metallopolymers based on it

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 32, no. 4, 1966, 366-370

TOPIC TAGS: metallopolymer material, epoxy plastic, resin, irradiation effect, gamma irradiation

ABSTRACT: The effect of gamma irradiation on the molecular structure of ED-5 epoxy-diane resin and metallopolymers prepared from it and containing from 1 to 6% copper and 5% lead was studied by using a URS-50 I diffractometer and a scintillation method. The irradiation of purified uncured ED-5 resin and its mixtures with colloidal metals was carried out on a UK-70 000 unit with a Co^{60} activity corresponding to 70 000 g-eq of Ra). A distinct structure appeared in the resin as a result of the irradiation; under the influence of the high-energy radiation, the highly dispersed copper was found to accelerate the ordering effect in the resin. An appreciable increase in the degree of crystallinity was produced by the irradiation in the binary system ED-5 + 6%

UDC: 621.039.55

Card 1/2

L 00724-67
ACC NR: AP6024845

copper. The combined influence of gamma radiation and colloidal lead on the structurization of ED-5 and the interaction of the latter with the metal were much less pronounced than in the case of the system containing copper. Orig. art. has: 5 figures, 1 table, and 2 formulas.

SUB CODE: 11/ SUBM DATE: 06Jul64/ ORIG REF: 004/ OTH REF: 002

Card 2/2 afs

MELESHKEVICH, I. S.

Meleshkevich, I. S.

"Methods of working the grass layer on flax soil before sowing." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1956. (Dissertation for the degree of Candidate in Agricultural Sciences)

Knizhnaya letopis
No. 15, 1956. Moscow

MELESHKEVICH, I.S., kand. sel'skokhozyaystvennykh nauk

Preceding crops in grassland crop rotations. Zemledelie 6 no.9:21-26 S '58. (MIRA 11:9)

(Rotation crops) (Flax)

MELESHKEVICH, M. P.

USSR/Medicine - Tuberculosis, Diganosis
Medicine - Sputum, Examination of

May/Jun 48

"Clinical and Epidemiological Significance of the Oligobacillary Condition," Prof I. I. Berlin, S. M. Bergman, V. S. Ioselevich, M. P. Meleshkevich, Ye. Yu. Sabshina, Ye. M. Milova, Moscow Oblast Sci Res Tuberculosis Inst, 9 pp

"Problemy Tuberkuleza" No 3

Report extensive observations on 108 oligobacillary cases. Studied gastric contents by floating method. Method is of considerable importance in the differential and diagnostic analyses of nonspecific and basic tubercular cases or those with accompanying tubercular condition.

FDB

PA 7/49T69

MELESHKEVICH, M. P.

"Test for the Detection of Tuberculosis." Sub 18 Jun 51, First Moscow Order of Lenin Medical Inst.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

MELESHKEVICH, M.P., kandidat meditsinskikh nauk; DASKOVSKAYA, V.O.

Specific antituberculosis vaccination of students of the First Moscow Medical Institute(Order of Lenin) Prob.tub.no.4:14-19 Jl-Ag '55. (MLRA 8:10)

1. Iz kafedry tuberkuleza (zav.-prof. F.V.Shebanov) I Moskovskogo ordena Lenina meditsinskogo instituta i Moskovskogo oblastnogo nauchno-issledovatel'skogo tuberkuleznogo instituta (zam.direktora po nauchnoy chasti-prof. D.D.Aseyev)

(BCG VACCINATION
scarification method with dry BCG)

MELESHKEVICH M.

SORKIN, I.E., prof.; MELESHKEVICH, M.P., kand.med.nauk; GRINCHAR, A.N.; SOLDATOV, V.[illegible]

Treatment of tuberculous meningitis in adults without subarachnoid injection of drugs [with summary in French]. Probl.tub. 34 no.5: 13-19 S-O '56. (MIRA 10:11)

1. Iz meningitnogo otdeleniya dlia vzroslykh (zav. - prof. I.E. Sorkin) Gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. V.F.Chernyshev, zam. direktora po nauchnoy chasti-prof. D.D.Aseyev)

(TUBERCULOSIS, MENINGEAL, ther.
streptomycin, without subarachnoid admin.)
(STREPTOMYCIN, ther. use
tuberc., meningeal, without subarachnoid admin.)

RUSINOV, A.A.; VOSKOBOYNIKOV, V.N.; DUBINKO, T.P.; ILYUSHIN, V.I.; VRUBLEVSKAYA, F.L.; BUNCHUK, M.I.; RYABEN'KIY, L.M.; MARGOLIN, D.I.; SAZYKINA, K.V., kand.ekon.nauk; BUGAREVICH, V.S.; KUPTSOVA, V.A.; KALINOVSKIY, M.D.; MELESHKEVICH, O.A.; TYABUT, M.A., red.; LAZARCHIK, K., red.; KALECHITS, G., tekhn.red.

[Reference book on the establishment of work norms on collective farms] Spravochnik po normirovaniiu truda v kolkhozakh. Minsk, Gos.izd-vo BSSR, Red.sel'khoz.lit-ry, 1960. 151 p. (MIRA 14:3)

1. Akademiya sel'skokhozyaystvennykh nauk BSSR. Institut ekonomiki. 2. Institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva Akademii sel'skokhozyaystvennykh nauk BSSR (for Voskoboynikov, Dubinko, Ilyushin, Vrublevskaya, Bunchuk, Bugarevich, Kuptsova, Kalinovskiy). 3. Starshiy inspektor Upravleniya po orgkolkhoznym delam Ministerstva sel'skogo khozyaystva BSSR (for Meleshkevich).

(Agriculture--Production standards)

LUTSEVICH, P.A.; MONGALEV, G.F.; MIKHALEVICH, N.G.; ZINOVICH, K.F.; SAFRONENKO, A.P.; KLIMENKOV, P.A.; GAYDUKEVICH, N.M.; SILIN, M.S.; BRAZOVSKIY, P.V.; KOVPAK, M.D.; MELESHKEVICH, O.A.; KAMENTSEVA, V.N.; KULIKOVSKIY, A.V.; TARAYKOVICH, P.I.; ALEYNIKOV, G.A.; SHMULEVICH, Sh.S.; GRACHEVA, K.I.; NIKOLAYEVA, Yu.N.; VOLOKHOV, M.A.; DOMASHEVICH, O., red.; KARKLINA, E., red.; ZUYKOVA, V., tekhn. red.

[Manual for livestock raisers] Spravochnik zhivotnovoda. 2., dop. i perer. izd. Minsk, Gos.izd-vo sel'khoz.lit-ry BSSR, 1963. 462 p. (MIRA 16:8)

1. Glavnyy zootekhnik Upravleniya nauki Ministerstva sel'skogo khozyaystva Belorusskoy SSR (for Safronenko).
(Stock and stockbreeding)

MELESHKEVICH, P.S.; VOROB'YEV, K.G.; SYCHEV, Yu.N.

Attachement for cutting racks on gear shapers. Stan. i instr. 28 no.5:37 My '57. (MLRA 10:6)

(Gear-cutting machines)

MESHCHERIN, Vladimir Timofeyevich, doktor tekhn. nauk, prof.; CHARNKO, Donat Vladimirovich, prof.; MELESHKEVICH, P.S., inzh., retsenzent; OSIPOVA, L.A., red. izd-va; SOKOLOVA, T.F., tekhn. red.; EL'KIND, V.D., tekhn. red.

[Technology of manufacturing forging and sheet metal working equipment] Tekhnologiia proizvodstva kuznechno-shtampovochnogo oborudovaniia i shtampovoi osnastki. Moskva, Mashgiz, 1961. 375 p. (MIRA 15:2)
(Forging machinery) (Sheet metal working machinery) (Dies (Metalworking))

MELESHKEVICH, P.S.; POCHTAR', Yu.S.; GOLUBEV, V.I.

Hydraulic press of 500-ton capacity for assembly and press-fitting operations. Kuz.-shtam. proizv. 4 no.9:23-25 S '62. (MIRA 15:9)

(Hydraulic presses)

MELESHKEVICH, P.S.; POCHTAR', Yu.S.; GOLUBEV, V.I.

Stand for testing towing devices. Mashinostroitel' no.8:31 Ag '62. (MIRA 15:8)

(Testing machines)

LIVSHITS, I.M.; MELESHKEVICH, V.I., student; GRIBOVSKIY, V.K.; student

Using average monthly discharges for determining the certain annual runoff of rivers in the White Russina S.S.R. Sbor. nauch. trud. Bel. politekh. inst. no.78:128-140 '60. (MIRA 14:11)
(White Russia--Runoff)

L 04850-67 EWP(j)/EWT(m) RM

ACC NR: AP7000237 SOURCE CODE: UR/0079/66/036/004/0699/0704

AUTHOR: Orlov, N. F.; Mileshkevich, V. P.

ORG: Leningrad Institute of the Textile and Light Industry im. S. M. Kirov (Leningradskiy institut tekstil'noy i legkoy promyshlennosti)

TITLE: Reaction of Hydroxymethylphosphinic Acid with Trialkylacetoxysilanes. Synthesis of Esters of Acetoxymethylphosphinic Acid

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 4, 1966, pp 699-704

Abstract: Two new methods of producing esters of acetoxymethylphosphinic acid were developed, based on the reaction of hydroxymethylphosphinic acid with trialkylacetoxysilanes and acetic anhydride, as well as that of esters of trialkoxysilyloxymethylphosphinic acids with acetic anhydride in the presence of catalytic amounts of sulfuric acid. The reactivity of various silicon-containing derivatives of hydroxymethylphosphinic acid with acetic anhydride was studied, and a scheme of the mechanism of their interaction was proposed. Under the same conditions, the Si-O-C group is quantitatively cleaved, the Si-O-P group is cleaved by only 25.35%, while the C-O-P group remains inert.

Orig. art. has: 2 formulas and 1 table. [JPRS: 37,177]

TOPIC TAGS: organic synthetic process, silane esterification, phosphinic acid

Card 1/1 SUB CODE: 07 / SUBM DATE: 21Mar65 / ORIG REF: 008 / OTH REF: 004

UDC: 547.281.1+546.185

0923 0774

MELESHKIN, A.M., kand.tekhn.nauk

Increase of labor productivity in Krivoy Rog Basin iron mines. Biul. TSIICHM no.4:1-9 '61. (MIRA 14:10)
(Krivoy Rog Basin--Iron mines and mining--Labor productivity)

MELESHKIN, A.

Luchshie sorta zernovykh kul'tur i
trav Latviiskoi SSR (Best grades of grain crops and
grasses of Latvian S.S.R.). Riga, Latgosizdat, 1950. 192 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

MELESHKIN, A. S.

MELESHKIN, A. S. -- "Movement of Winter Wheat Into the Eastern Regions of the Latvian SSR." Latvian Agricultural Academy, 1952 (Dissertation for the Degree of Candidate of Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

USSR/Cultivated Plants. Fodder. M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15726

Author : A. Meleshkin
Inst :
Title : Testing Jerusalem Artichoke Varieties. (Ispytaniye sortov topinambura).

Orig Pub : Kokhoznik Sov. Latvii, 1957, No 3, 20-21.

Abstract : At the Gauiyenskiy variety plot in Latvia 5 years were spent in the study of the Jerusalem artichoke varieties the Belaya urozhaynaya and the Vadim, and since 1956 of the hybrid Jerusalem artichoke with the sunflower 120. In dry mass yield (the tops and tubers) on a 5 year average the Belaya urozhaynaya variety proved more productive than the Vadim variety by 15.5 centners per hectare, although in two years out of the five the Vadim yielded a somewhat higher harvest. At other variety plots in Latvia (Ludzenskiy) the largest dry mass

Card 1/2

127

USSR/Cultivated Plants - Fodders. M-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91732

Author : Meleshkin, A.S.

Inst : North Ostia Agricultural Experimental Station.

Title : The Best Variety of Jerusalem Artichoke in the Latvian SSR

Orig Pub : Selektsiya i semenovodstvo, 1957, No 5, 46-49.

Abstract : This study presents an analysis of the chemical composition of the tubers and of the parts of the plant which grow above the ground. The Jerusalem artichoke can winter and grow in the same place for 10-12 years. It bears fruit well in light, permeable soils. This study also describes the experiments from 1951 with the following varieties: Belaya Urozhainaya and Vadium cultivated by the North Ostia Agricultural Experimental Station, and the experiments started in 1956 with the hybrid of Jerusalem artichoke and the

Card 1/2

USSR/Cultivated Plants - Fodders. M-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91732

Klon 120 sunflower. All the cultivated varieties are distinguished by high yields and white colored tubers. In the Vadim variety the coloration is red. The agrotechniques are also described.

Card 2/2

MEITSEVIN, A.

Prospective species of winter wheat.

P. 22 (LATVIJAS LAUKSAIMNIECIBA) Riga, Latvia Vol. 9, No. 7, July 1957

SO: Monthly Index of East European Accessions (EEPI) Vol. 6, No. 11 November 1957.

: USSR

: Cultivated Plants. General Problems.

: Melekhin, A. S.

: Ministry of Agriculture, USSR.

: Cropland Fallowed Lands and Crop Rotations.

: Inform. byul. Vses. komis. po zerbosapyt. s.-kh. kul'tur pri Min-ve s. kh. SSSR, 1957, No. 12, 10-11.

: No abstract.

1/1

MELESHKIN, A., agronom

Priekule wheat. Nauka i pered.op. v sel'khoz. 8 no.11:38-39 N '58. (MIRA 11:12)

(Wheat--Varieties)

MELESHKIN,A. [Meleskins,A.], kand. sel'khoz. nauk; SPRIVULIS, Z. [translator]; NEILANDE,A., red.; AIZUPIETE, M., tekhn. red.

[Best varieties of vegetables, potatoes, and fodder root crops] Darzemu, kartupelu un lopbaribas saknaugu labakas skirnes. Otrais parstradatais un papildinatais izdemums. Riga, Latvijas Valsts izdevnieciba, 1960. 222 p. [In Latvian] (MIRA 14:12)
(Potatoes—Varieties) (Root crops—Varieties)
(Vegetables—Varieties)

MELESHKIN, A.S., kand. sel'skokhoz. nauk

Meadow-pasture grasses in Latvia. Zemledelie 27 no.9:48-54 S '65.
(MIRA 18:10)

1. Latviyskaya inspektura Gosudarstvennoy komissii po sortoisy-
taniyu sel'skokhozyaystvennykh kul'tur.

L 07218-67 EWT(1) GW

ACC NR: AP6024424 SOURCE CODE: UR/0362/66/002/007/0688/0694

AUTHOR: Gurvich, A. S.; Meleshkin, B. N.

ORG: Institute of Atmospheric Physics, Academy of Sciences SSSR (Akademiya nauk SSSR, Institut fiziki atmosfery)

TITLE: Determination of the microscale of turbulence based on light intensity fluctuations

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 7, 1966, 688-694

TOPIC TAGS: atmospheric turbulence, heat flux, microwave, wave propagation

ABSTRACT: In this work the fluctuations in the intensity of light passing through a turbulent layer were investigated and the microscale of turbulence was determined from these fluctuations. Estimations of the value of the Kolmogorov microscale of turbulence in a convective jet are given on the basis of the measurements of light intensity fluctuations. An estimate of the constant in the structure function of temperature fluctuations in the inertial subrange is also presented. The values of the microscale calculated from experimental values of the structure constant and the variance of the fluctuations of the logarithm of the wave amplitude as a function of the rate of energy dissipation are presented. The experimental data for the microscale at large values of turbulent heat flux are within much narrower limits than the extreme values and agree better with the values calculated when the universal constant

Card 1/2 UDC: 532.517.4

L 07218-67

ACC NR: AP6024424

is taken to be equal to 2.2—2.7, which permits the authors to give preference to these values. Orig. art. has: 10 formulas and 4 figures.

SUB CODE: 08/ SUBM DATE: 15Mar66/ ORIG REF: 005

Card 2/2

MELESHKIN, D. V.

Marchrutizatsiia perevozok na rechnom transporte. /Special destination shipping in river transportation/. (Vodnyi transport, 1940, no. 6, p. 13-15).

DLC: HE561.R8

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

MELESHKIN, D.V., kand.tekhn.nauk, dots.

Resistance of water to the motion of rafts. Trudy LIIVT no.20: 142-153 '53. (MIRA 12:1)
(Hydrodynamics)

SHARAPOV, N.I., kandidat tekhnicheskikh nauk; MELESHKIN, D.V., redaktor; MAKHUSHINA, A.N., redaktor izdatel'stva; KHASNAYA, A.K., tekhnicheskiy redaktor.

[Towing rafts on water reservoirs] Buksirovka plotov po vodokhranilishcham. Moskva, Izd-vo "Rechnoi transport," 1955. 137 p.
(Lumber--Transportation) (MLRA 8:11)
(Tugboats)

1. MELESHKIN, G., Eng.

2. USSR (600)

4. Ship Propulsion, Electric

7. Selection of control system for direct current, electric-drive propeller installations, Mor. flot, 12, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

MELESHKIN, G. A.

MELESHKIN, G.A.; LOGASHEV, V.G., redaktor; SUVOROVSKIY, A.P., redaktor; FLAUM, M.Ya., tekhnicheskiy redaktor.

[Maintenance of electrohydraulic steering machinery] Obsluzhivanie elektrogidravlicheskikh rulevykh mashin. Moskva, Iz-dvo Ministerstva morskogo i rechnogo flota, 1953. 55 p. (MLRA 7:8)
(Steering gear)

MELESHKIN, G.

MELESHKIN, G., inzhener.

Regulator of voltage and of the phase angle. Mor. i rech.flot 14 no.6:17-18 Je '54. (MLRA 7:7)
(Electric controllers)

MELESHKIN, G., inzhener.

Selfsynchronization of generators in marine electric installations. Mor.flot.15 no.11:14-15 N '55. (MLRA 9:2)

1.TsPKB-1

(Electricity on ships)

MELESHKIN, G.A., kand.tekhn.nauk

Voltage dips caused by self-synchronization of generators.
Trudy TSNIIMF no.14:3-15 '58. (MIRA 11:4)
(Electric generators)

MELESHKIN, G., kand. tekhn. nauk

More about self-synchronization of generators in marine electric power plants. Mor. flot 18 no. 6:7-8 Je '58. (MIRA 11:7)

1. Nachal'nik sektora elektrotekhniki TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota.
(Electric generators)
(Electricity on ships)

MELESHKIN, G., kand. tekhn. nauk.

Increasing operational economy of electric. Mor. flot 18 no.10:8-9 O '58. (MIRA 11:11)

1. Tsentral'nyy nauchno-issledovatelskiy institut morskogo flota.
(Ship propulsion, Electric)

MELESHKIN, G.A., kand.tekhn. nauk.

Regulating the performance of direct current electric propulsion plants. Sudostroenie 24 no.2:33-38 F '58. (MIRA 11:3)
(Ship propulsion, Electric) (Governors (Machinery))

STRUMPE, Petr Ivanovich, kand.tekhn.nauk; YAKUSHENKOV, Andrey Andreyevich, kand.tekhn.nauk; SYROMYATNIKOV, Viktor Fedorovich, kand.tekhn.nauk; RAPOPORT, Leonid Il'ich, kand.tekhn.nauk; MELESHKIN, Georgiy Aleksandrovich, kand.tekhn.nauk; MIROSHNICHENKO, Il'ya Petrovich, kand.tekhn.nauk; ARAKELOV, Vladimir Mikhaylovich, inzh.; SKOMOROVSKIY, Rostislav Vsevolodovich, kand.tekhn.nauk; PESOCHINSKIY, Viktor Nikolayevich, kand.tekhn.nauk; NELIDOVA, E.S., red.; TIKHONOVA, Ye.A., tekhn.red.

[Over-all mechanization and automatization in the merchant marine] Kompleksnaia mekhanizatsiia i avtomatizatsiia na morskom transporte. Pod obshchei red. P.I.Strumpe. Moskva, Izd-vo "Morskoi transport," 1959. 95 p. (MIRA 13:5)
(Merchant marine--Equipment and supplies)
(Cargo handling--Equipment and supplies)
(Automatic control)

MELESHKIN, G.A., kand.tekhn.nauk, kand.tekhn.nauk

Device for synchronizing generators of alternating-current power plants on ships. [from "Schiff and Hafen," no.10, 1959]. Mor.flot 21 no.5:39-42 My '61. (MIRA 14:5)
(Electricity on ships)

MELESHKIN, Georgiy Aleksandrovich; FRIK, A.O., red.; ANDREYEVA, L.S., red. izd-va; KHLOPOVA, L.K., tekhn. red.

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