_MILIN, I.M.

Method of areas in the theory of univalent functions.

Dokl. AN SSSR 154 no.2:264-267 Ja'64. (MIRA 17:2)

1. Predsatvleno akademikom M.A. Lavrent'yevym.

MILIN, I.M.

Estimation of the coefficients of univalent functions. Dokl. AN SSSR 160 no.4:769-771 F '65. (MIRA 18:2)

1. Submitted October 3, 1964.

LEBEDEV, N.A.; MILIN, I.M.

On a certain inequality. Vest. LGU 20 no.19:157-158 165.

(MIRA 18:10)

MILIN, Ljubomir P.

Veterinary pharmacology and toxicology Beograd, Izdavacko preduzece narodne republike Srbije, 1951. 410 p.

MILIN, Dr. Radivoje

"A Contribution to the Study of Syndromes in the so called Southern Wind Disease (ZAJUZIVANJE) in Sheep." Dr. Radivoje Milin - instructor of histology and embryology & chief of the Inst. of the same name at the Medical Faculty of the U. of Sarajeva lab. at Vet. Inst. of Republic of Bosnia & Herzegovina, Sarajevo.

SOURCE: Vet., BROJ 5-6-7, p. 401, 1952

2/2 Card: : YUGOSLAVIA B COUNTRY : General Biology. CATEGORY Individual Development.Postembryonic Develop-1959, No. 19111 ment. : RZhBiol., No. 5, ABS . JOUR. : Milin, R. AUTHOR : Croatian Nature Society. 1.3T. The Effect of Lyophilized Placenta Extract TITLE upon the drowth and Metamorphosis of Rana temporaria Tadpoles. Glasnik biol. sek. Hrvatsko prirodosl. drustvo, 1953 (1955), Ser. 2B, 7, 259-263 ORIG. PUB. The development of the ova of a frog subjected ABSTRACT to the activity of a placenta extract (PE) in a 2.7.10-4 concentration becomes retarded. PE in a 2.5.10-4 concentration stops the development of 14-day old tadpoles and causes their death. A weaker concentration (1.5.10-7) inhibits the development considerably. At the height of metamorphosis, PE (0.5°10") inhibits the development of 20 and 30 days old tadpoles as well. Apparently PE influences somatotropic : OF. AD Card:

YUGOSLAVIA / General Problems of Patholody. Trans-U plantation of Tissues and Tissue Therapy.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51577.

Author

: Milin. R. Jovanovic, V. : Croatian Society of Natural Science. Inst

: Investigation of the Mechanism of Tissue Therapy. Title

Orig Pub: Glasnik biol. Sek. Hrvatsko prirodosl. drustva,

1953 (1955), Ser. 2B, 7, 263-264.

Abstract: Placenta extract, prepared by the method of Filatov, was administered subcutaneously to 15 adults

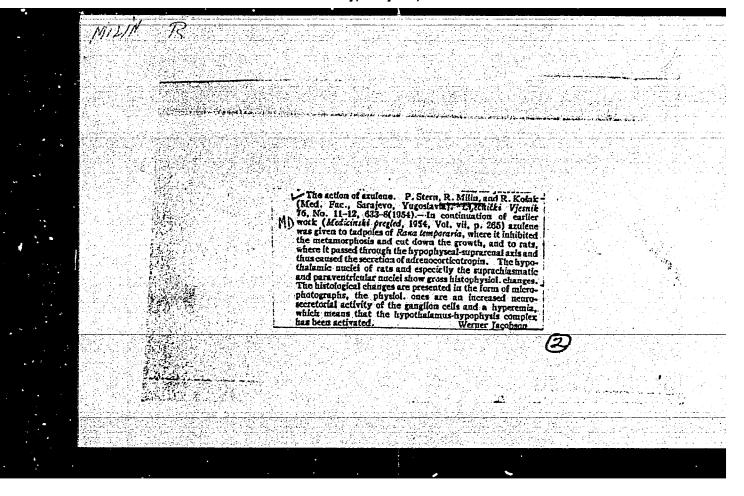
and 10 sexually immature rabbits for a period of 1-30 days. The extract had a growth inhibiting effect. Degenerative changes were noted in the thymus and spleen; the effect of the extract is similar to that of cortisone. --- Ts. S. Lemberg.

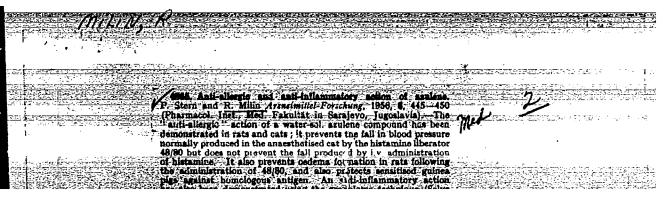
Card 1/1

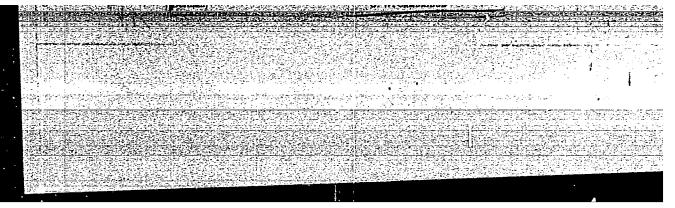
MILIN, R., prof. dr.; MILIN, R., prof. dr.; KOSAK, R., dr.

Mechanism of action of a water soluble asulene derivative. Med. Pregl., Movi Sad 7 no.4:265-275 1954.

 Institut sa farmakologiju Medicinskog fakulteta, Sarajevo, sef prof. dr. P.Stern; Institut sa histologiju i embriologiju Medicinskog fakulteta, Sarajev, sef prof. dr. R.Milin. (ENDOCRIME GLANDS, eff. of drugs on chamasulene in tadpoles)







YUGOSLAVIA/Human and Animal Physiology - Internal Secretion.

T-7

The Thyroid.

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84342

Author : Milin, R., Tsiglar, M.

Inst : Effects of Sunrays upon the Thyroid.

Orig Pub : Med. pregled., 1956, 9, No 6, 353-357

Abstract : Infantile rabbits (40) were exposed to sunray irradiations

for a period of 7-30 days. The irradiations took place of 10-11 a.m. and lasted for 5-60 minutes. Some histological indications of the thyroid becoming stimulated were found.

Card 1/1

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MILIN, Radivoj; STERN, Pavao

Effect of azulene on hypophysis. Srpski arh. celok. lek.
84 no.4:441-445 Apr 56.

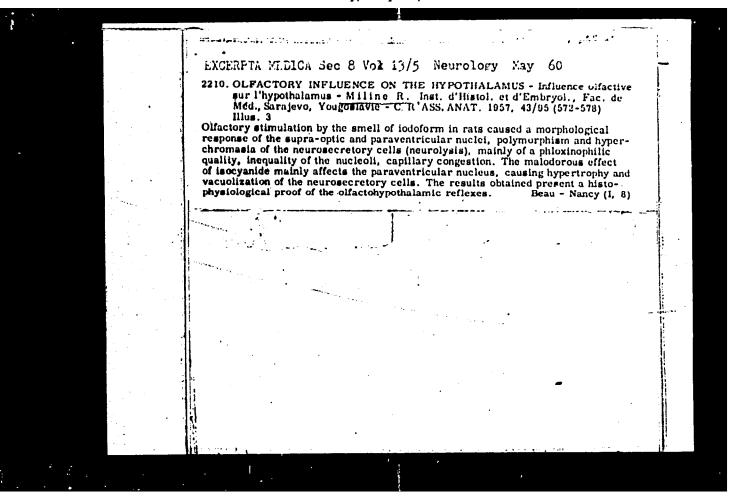
1. Institut za histologiju i embriologiju Medicinskog
fakulteta u Sarajevu. Upravnik: Radivoj Milin. Institut za
farmakologiju i toksikologiju Medicinskog fakulteta u
Sarajevu. Upravnik: Pavao Stern.

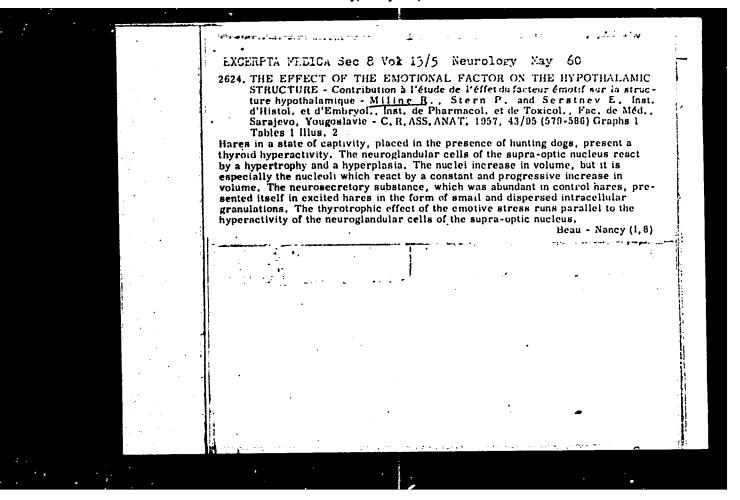
(CYCIOPENTANES, eff.

azulene on pituitary gland (Ser))

(TERPENES, eff.
same)

(PITUITANT GLAND, eff. of drugs on
azulene (Ser))
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BERIC, M.; MILIN, R.; SCEPOVIC, M.; SEDLAR, D.

Hypothalamo-pituitary complex and sterility. Med.arh., Sarajevo 15 no.1:17-30 Ja-F '61.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevu (Sef: prof. dr Milenko Beric). Institut za histologiju i embriologiju Medicinskog fakulteta u Sarajevu (Sef: prof. dr Radivoj Milin)

(STERILITY etiol) (PITUITARY GLAND physiol) (HYPOTHALAMUS physiol)

MILIE, R.

Influence of the epiphyseal extract on the cerebroid ganglia in earthworms (Lumbricus terrestris). Bul ac Youg 7 no.1/2:8 F-Ap 162.

1. Zavod za histologiju i embriologiju Medicinskog fakulteta, Sarajevo.

MILIN, R.

Influence of the substance P on the cerebroid ganglia in earthworms (Lumbricus terrestris). Bul sc Youg 7 no.1/2:11 F-Ap '62.

1. Zavod za histologiju i embriologiju Medicinskog fakulteta, Sarajevo.

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T YUGOSLAVE

V. MILIKOVIC-KALIAMOVIC and the Military investments of implicational Technology of Animal Fractions, June 1989, Investigation and the media including the moderation produced the recent conditions of the media produced the recent conditions of the

"Liftent of the Wierle Treatment of Estable on Declence of Correct Cambon Infections in Govern

Lolyrada, Venerarapski Classik, 181 J. J. 11 12, 11:20 pp 1001-1000.

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MILIN, Swatka, inz. (Zagreb)

The JU-61 assembly system. Gradevinar 15 no.9:341-346 S '63.

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	(2), 일본 전환 교육 교육 (1) 보고 하다. - 12 : 12 : 12 : 12 : 12 : 12 : 12 : 12
	5 Sec. 15

MILIN, V.P. --

"Investigation in the Field of Electrographic Analysis." Cand Chem Sci, Saratov U, Saratov, 1954. (RZhKhim, No 20, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

MILIM, V.P.

New portable electrographic device for use in shop units. Zav.lab. 22 no.8:997 Ag 156. (MLRA 9:11)

Saratovskiy gosudarstvennyy universitet.
 (Galvanizing) (Electric apparatus and appliances)

Milion V. P.

USSR/ Analytical Chemistry. Analysis of Inorganic G-2 Substances.

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27167.

Author : I.P. Ryazanov, V.P. Milin.

Inst Saratov University.

: Quantitative Determination of Zirconium with Title

Monoethanolamine.

` **'**

Orig Pub: Uch. zap. Saratovsk. un-ta, 1956, 43, 155-158.

Abstract: Monoethanolamine (I) is suggested as precipitator

of Zr(OH). 0.04 g of Zr (4+) salt or less in 40 to 50 ml of the solution is heated to 85 to 900, acidified with 0.5 ml of 25%-ual HNO3 and Zr(OH) 4 1s precipitated with 10 ml of 5%-ual

solution of I. 10 or 15 minutes later the precipitate is filtered off, washed 3 or 4 times with a

Card 1/2

USSR/Analytical Chemistry. Analysis of Inorganic G-2 Substances.

Abs Jour: Referat. Zhur.-Khimiya, No. 8, 1957, 27167.

hot 1%-ual solution of I and calcined to 2ro, at 800 to 900°. The determination error is about 0.004 g of 2ro, or \$0.25%. At the potentiometric titration of 2r** with I solution and hydrogen electrode, the jump of the emf takes place before the equivalent point is reached (error from -4.9 to 5%); if titration was done in alcoholaqueous solutions, the results of 2r determination are 1.66 to 1.80% too low; at the amperometric titration with Pt microelectrode, first a gradual decrease of 1, (1, 1s not proportional to the concentration of 2r) and later a sharp decrease of 1, (1, 1s proportional to the concentration of 2r) are observed. The results of 2r determination are about 10% too low.

Card 2/2

MILIN, V.P.

Electrographic method of analysis. Uch.zap. SGU 75:107-108 '62.

Determination of free lime in a clinker. Ibid.:108 (MIRA 17:3)

USSR/Soil Science, Tillage. Melioration. Ercsion

J-5

Abs Jour : Ref Zhur - Biol., No 43879

Author

k Milin Ya.A.

Inst

: Not Given

Title

: Methods of Studying the Redistribution of Soil Horizons with Meliorative Plowing in Solonetz Soils of the Chestnut

Orig Pub: Pochvovedeniye, 1956, No 12, 31-37 (Res. Fr.)

Abstract : This study was made on the solonetz complexes of Stalingradskaya Oblast'. Three plow types were tried out: the PT-2-30, P-50-P and the PP-50. The best results were gotten by working with the PT-2-30 model. A complete displacement of spots in the 25-45 and 45-65 cm. horizons was not attained. They were

merely intermixed. -- V.A. Molodtsov

Card

: 1/1

36

CIA-RDP86-00513R0011343100 **APPROVED FOR RELEASE: Monday, July 31, 2000**

YUGOSLAVIA/Forestry - Forest Management.

: Ref Zhur - Biol., No 5, 1958, 20149 Abs Jour

Author

Milin, Zh., Mishchvich, V.

Inat Title

Supplemental Data on Structure and Growth in the Planted

Spruce and Beech Forests in the Goch Mountains.

Orig Pub

: Shumarstvo, 1957, 10, No 1-2, 20-36.

Abstract

The results are given of the practical studies by students of the Faculty of Forestry of Belgrade University made in 1956 and embracing the basic elements of an evaluating description of the Goch forest. It is indicated that the spruce tree stand has a structure near that of selected plantings in the mixed spruce and beech woods. Tree distribution is shown according to classes based on thickness in the mixed plantings, and recommendations are given on maintenance felling intensity depending on the growth

accretion features.

Card 1/1

COUNTRY

Yugoslavia

CATEGORY

: Jeneral Problems of Rathology. Immunity

ABS. JOUR. : RZhBiol., No. 23

1958, No. 106923

11

AUTHOR

: Arsenijevic, K.; Milin-Isakovic, K.

ESST. TITLE

The Propertin System.

ORTG. PUB. : Med.arhiv,1958,12,no.2,81-90

ABSTRACT : No abstract.

CARD:

1/1

KOTOV, A.G.; PSHEZHETSKIY, S.Ya.; MILINCHUK, V.I.; TUPIKOV, V.I.; TSIVENKO, V.I.

Formation and recombination of radicals by $\sqrt{-i}$ rradiation of frozen $H_2O_2 - H_2O$ solutions. Kin, i kat. 4 no.6:926-929 N-D 163. (MIRA 17:1)

1. Fiziko-khimicheskiy institut imeni Karpova.

S/190/63/005/001/010/020 B101/B186

AUTHORS:

Milinchuk, V. K., Pshez: kiy, S. Ya., Kotov, A. C.,

Tupikov, V. I., Tsivenke, V. I.

TITLE:

Formation and recombination of free radicals by gamma-

irradiation of polypropylene. I

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 5, no. 1, 1963, 71-74

TEXT: The effect produced by the amorphous and crystalline phases of irradiated polypropylene on the stabilization of free radicals was studied. The polypropylene was i radiated with Co⁶⁰, dose rate 700 rad/sec, and the nuclear magnetic resonance spectra were taken at -195 and +20°C. Conclusions: With a dose of 350 Mrad, the radical concentration in amorphous polypropylene was 2.10²⁰ radicals per g, which is twice as much as in crystalline polypropylene. At 20°C, however, the radical concentration in crystalline polypropylene was 5.10¹⁸ radicals per g with a dose of 125 Mrad, which is one order of magnitude higher than in amorphous Card 1/2

S/190/63/005/001/010/020 Formation and recombination of free ... B101/B186

polypropylene. Recombination in amorphous polypropylene irradiated at -195°C is faster than in crystalline polypropylene and is considerably accelerated, especially near the vitrification temperature. This is attributed to the fact that amorphous polypropylene at low temperatures promotes radical formation, whereas higher temperatures promote recombination. The e. p. r. spectra of crystalline polypropylene were found to change reversibly. The hyperfine structure of the e. p. r. spectrum taken at -195°C contained 9 lines, whereas at + 20°C 17 lines were found. There are 4 figures.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova

(Physicochemical Institute imeni L. Ya. Karpov)

SUBMITTED: July 17, 1961

Card 2/2

EPR/EWP(j)/EPF(c)/EWT(l)/EWT(m)/BDS AFFTC/ASD Ps-4/ L 12431-63 Pc-4/Pr-4 RM/WW 5/0190/63/005/005/0946/0946 ACCESSION NR: AP3001171 72 AUTHOR: Milinchuk, V. K.; Pshezhetskiy, S. Ya. The action of light on free radicals in gamma-irradiated polymers SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 5, no. 6, 1963, 946 TOPIC TAGS: ultraviolet light, irradiation, gamma-rays, polymers, free radicals ABSTRACT: The polymers under study were subjected at various temperatures to gamma-irradiation by Co sup 60 in a vacuum up to 5x10 sup -5 mm mercury and subsequently treated at 770 K with ultraviolet light. The polymers containing ultraviolet-absorbing groups at a range of 2500-3500 Angstrom, such as polyvinyl alcohol polyvinylacetate polymethylmethacrylate. polycaprolactam, polystyrene. 7 and polybutadiene. 7 showed a loss of radicals. This was accompanied by a modified appearance of the electron paramagnetic resonance spectrum, as well as by a modified spectrum without a lowering in the number of radicals. As to polymers which do not possess ultraviolet-light-absorbing groups, such as polyethylene, poly-propylene, and polymethylsiloxane, irradiation does not cause here destruction of radicals. The mechanism causing the destruction and transformation of radicals by ultraviolet light is presumably linked to the migration of energy from the receptor

L 12431-63 ACCESSION NR: AP3001171

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groups, and thence along the polymeric chain towards the free radical. The absorbed energy may facilitate the migration of a free valency by lowering the barrier potential for the migration of hydrogen atoms, thus causing a recombination of free radicals with the formation of double bonds or links. Orig. art. has: 1 figure. The paper is a letter to the editor.

ASSOCIATION: none

SUBMITTED: 25Dec62

DATE ACQ: 01Ju163

ENCL: 00

SUB CODE: 00

NO REF SOV: 000

OTHER: 000

Card 2/2

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R001134310(

TUPIKOV, V.I.; TSIVENKO, V.I.; PSHEZHETSKIY, S.Ya.; KOTOV, A.G.; MILINCHUK, V.K.

Formation and recombination of radicals in the 7-irradiation of solid ammonia and hydrazine. Zhur.fiz.khim. 37 no.1:138-142 Ja 163. (MIRA 17:3)

1. Fiziko-khimicheskiy institut imeni Karpova.

MILINCHUK, V.K.; PSHEZHETSKIY, S.Ya.

Effect of ultraviolet light on free radicals in 2-rayed polypropylene.

Dokl. AN SSSR 152 no.3:665-667 S '63. (MIRA 16:12)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova. Predstavleno akademikom S.S.Medvedevym.

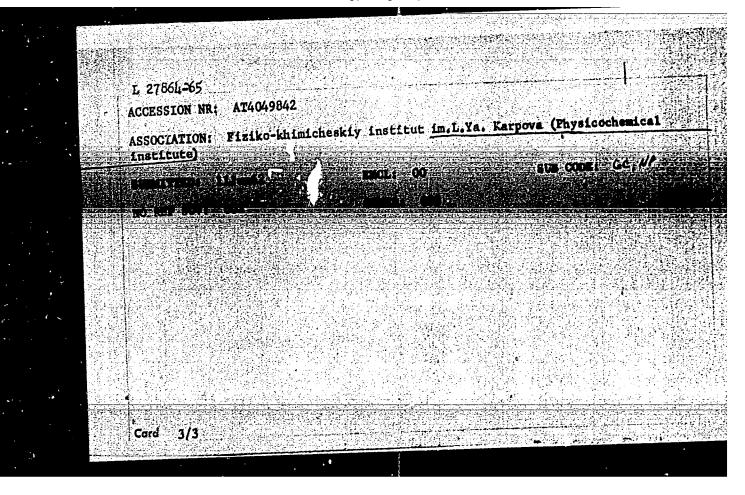
AUTHOR: Milinchuk, V. K.; Pshezhetskiy, S. Ya. TITIE: Formation and recombination of radicals during gamma-irradiation of polyvinyl alcohol winyl alcohol and the solid solution of hydrazine in polyvinyl alcohol SOURCE: Khimicheskiye avoystva i modifikatoiya polimarov (Chemical properties and the modification of polymers); sbornik statey. Moscow, Izd-vo Nauka, 1964, 64-69 TOPIC TAGS: polyvinyl alcohol, solid solition, hydrazine, gamma-irradiation, electron paramagnetic resonance ABSTRACT: In experiments on frozen hydr: ine, its solid solution in polyvinyl alcohol and pure polyvinyl alcohol, it we established that the electron paramagnetic resonance (EPR) signal during in adiation of hydrazine is a single lime, magnetic resonance (EPR) signal during in adiation of hydrazine is a single lime. The most probable radical formed is N2H2 Consisting of 30% hydrazine and 70% poly alcohol (with Co ⁶⁰ as source of at 77K or at room temperature). The irradiation and a dose of 600 Mrad/sec irradiation and a dose of 600 Mrad/sec irradiation and a complete were kept in liquid not rogen. The EPR spectrum of this mixture shows an overlap of the EPR signals in the spectra dependence	L 27861-65 EWG(3)/EWT(m)/EPF(c)/EPF EWA(1) Pc-4/Pr-4/Ps-4/ ACCESSION NR: AT4049842	F(n)=2/EPR/EWP(1)/T/EWP(t)/EWP(b)/EWA(h)/ /Peb/Pu=4
TITIE: Formation and recombination of radicals during gamma-irradiation of polyvinyl alcohol vinyl alcohol and the solid solution of hydrazine in polyvinyl alcohol SOURCE: Khimicheskiye avoystva i modifikatsiya polimarov (Chamical properties and the modification of polymers); shornik statey. Moscow, Izd-vo Nauka, 1964, and the modification of polymers); shornik statey. Moscow, Izd-vo Nauka, 1964, 64-69 TOPIC TAGS: polyvinyl alcohol, solid solition, hydrazine, gamma-irradiation, electron paramagnetic resonance ABSTRACT: In experiments on frozen hydr. Ine, its solid solution in polyvinyl alcohol and pure polyvinyl alcohol, it w alcohol and pure polyvinyl alcohol, it w assaultance is a single line. The most probable radical formed is N ₂ H ₃ The measurements were made on films The most probable radical formed is N ₂ H ₃ The measurements were made on films on sisting of 30% hydrazine and 70% poly h-irradiation and a dose of 600 Mrad/sec irradiated samples were kept in liquid n rogen. The EPR spectrum of this mix- irradiated samples were kept in liquid n rogen bydrazine and pure polyvinyl alco-	AUTHOR: Milinchuk, V. K.; Pshezhetsk	ciy, 8. Ya. BH
and the modification of polymers); should stately a stately and the modification of polymers); should stately a stat	TITIE: Formation and recombination of vinyl alcohol and the solid solution	of radicals during gamma-irradiation of poly- of hydrazine in polyvinyl alcohol
ABSTRACT: In experiments on frozen hydr. ine, its solid solution in polyvinyl alcohol and pure polyvinyl alcohol, it we established that the electron para- alcohol and pure polyvinyl alcohol, it we established that the electron para- alcohol and pure polyvinyl alcohol, it we established that the electron para- alcohol and pure polyvinyl alcohol of hydrazine is a single line, magnetic resonance (EPR) signal during it adiation of hydrazine is a single line, magnetic resonance (EPR) signal during it adiation of hydrazine is a single line, The measurements were made on films consisting of 30% hydrazine and 70% poly nyl alcohol (with Co ⁶⁰ as source of alcohol and pure polyvinyl alcohol or and a dose of 600 Mrad/sec at 77K or at room temperature). The irradiated samples were kept in liquid no rogen. The EPR spectrum of this mix- irradiated samples were kept in liquid no rogen.	and the modification of polymers); at 64-69	
alcohol and pure polyvinyl alcohol, is adiation of hydrazine is a single line, magnetic resonance (EPR) signal during i adiation of hydrazine is a single line. The most probable radical formed is N ₂ H ₃ The measurements were made on films. The most probable radical formed is N ₂ H ₃ The measurements were made on films consisting of 30% hydrazine and 70% poly nyl alcohol (with Co ⁶⁰ as source of consisting of 30% hydrazine and pure polyvinyl alcoholic magnetic resonance (EPR) spectrum of this mixiradiated samples were kept in liquid n rogen. The EPR spectrum of this mixiradiated samples were kept in liquid n rogen, bydrazine and pure polyvinyl alcoholic magnetic resonance (EPR) signal during i adiation of hydrazine is a single line.	electron paramagnetic resonance	
	ABSTRACT: In experiments on frozen alcohol and pure polyvinyl alcohol, magnetic resonance (EPR) signal duri. The most probable radical formed is consisting of 30% hydrazine and 70% b-irradiation and a dose of 600 Mradirradiated samples were kept in liquity.	ng i adiation of hydrazine is a single line. N2H3 The measurements were made on films poly nyl alcohol (with Co ⁰⁰ as source of i/sec at 77K or at room temperature). The aid n rogen. The EPR spectrum of this mix-

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L 27864-65 ACCESSION NR: AT4049842

is discussed. The relationship between the concentration of radicals and the irradiation dose is plotted. The number of radicals in the solution at 77K increase with increasing irradistion dose, with a linear relationship between them up to about 15 Mrad. The accumulation of radicals depends on the temperature of irradiation for both crystalline and amorphous polymers. At room temperature in the solid solution, the radicals recombine more easily than in pure polyvinyl alcohol. The temperature effect is apparently due to the different mechanisms of recombination and formation of radicals at these temperatures. In the solid solution, recombination begins below 180K, then increases rapidly over the range of 193-203K. The relative concentration of radicals plotted against time for pure polyvinyl alcohol and the solid solution at 258-290K shows that, with time, the concentration tends not to a zero value but to a cortain value which can be considered as a constant for the given temperature. The activation energy of recombination was determined by the given equation for polyvinyl alcohol (273-290K) as 10 ±2 kcal/mole; for the solid solution at 183-193K, was the same. It was established that the polymeric polyvinyl alcohol matrix in referes with the recombination of radicals formed from hydrazine to a greater e ; ent than the actual molecular network of hydrazine. The kinetics of the recomb action of radicals in the solid solution and in pure polyvinyl alcohol follow an equation of the second order. Orig. art. 5 figures and 2 formulas. has:

Card 2/3



L 19611-65 EMG(1)/EMT(m)/EFF(c)/EFF(n)-2/EMF(1)/T/EMA(h)/EMA(1) Pc-L/Pr-L/Pu-L/Peb RPL/AFWL/AS(mp)-2/SSD/ASD(a)-5/RAEM(c)/SSD(c)/RAEM(1)/ESD(gs)/ESD(t) ACCESSION NR: AT4649861 GG/RM/WW/JFW/ S/0060/64/000/000/0222/0227

AUTHOR: Milinchuk, V.K., Pshezhetskiy, S. Ya.

TITLE: Recombination and conversion of free radicals in certain Gamma irradiated polymers during heating and exposure to ultraviolet

SOURCE: Khimicheskiye svoystva i modifikatstya polimerov (Chemical properties and the modification of polymere); sbornik statey. Moscow, Izd-vo Nauka, 1964, 322-227

TOPIC TAGS: free radical, heated polymer, ultraviolet light, polypropylene, polyvinyl alcohol, polyvinyl acetate, Gamma radiation, electron paramagnetic resonance

ABSTRACT: The authors used the method of electron paramagnetic resonance (EPR) to study the recombination processes of free radicals in ()—irradiated polypropylene, polyvinyl alcohol and polyvinyl acetate during heating and under the influence of ultra-violet light at the temperature of liquid nitrogen. Weighed samples were placed in quartz ampoules and evacuated to a residual pressure of 10 mm Hg. The sealed ampoules, immersed in liquid nitrogen, were ()—irradiated (Co⁵⁰) at an intensity of 560 rad/sec. EPR spectra were recorded on a RE 1301 radiospectrometer. The number of free radicals in irradiated samples was determined by comparing their signal with a standard signal from a single crystal of the paramagnetic salt CuCl2.

L 19611-65

ACCESSION NR: AT4049861

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2H₂O). During the heating of the & -irradiated polypropylene, the initially formed alkyl radicals are converted into radicals that are localized at the double and conjugated bonds. In the case of polyvinyl acetate and polyvinyl alcohol, there is recombination of radicals at the temperature of liquid nitrogen under the influence of ultraviolet light; this may be connected with the excitation of macromolecules. It is concluded that at low temperatures the recombination of radicals is possible in accordance with the mechanism of the migration of free valences along the polymer chain. Orig. art. has: 3 figures and 3 structural formulas.

ASSOCIATION: Nauchno-issledovatel'skiy fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-Chemical Scientific Research Institute)

SUBMITTED: 19Jan63

ENCL: 00

SUB CODE: OC, MT

NO REF SOV: 609

OTHER: 007

Card 2/2

ACCESSION NR: APLO32567

s/0190/64/006/004/0666/0671

AUTHORS: Milinchuk, V. K.; Pshezhetskiy, S. Ya.

TITLE: EPR study of free radical conversion kinetics in gamma-irradiated polypropylene

SOURCE: Vy*sokomolek. soyadin., v. 6, no. 4, 1964, 666-671

TOPIC TAGS: crystalline polypropylene, hyperfine structure, alkyl radical, polyene radical, conversion kinetics, polymer, free valence migration, macromolecule

ABSTRACT: A kinetic analysis was made of the hyperfine structure of EPR spectra in crystalline polypropylene to determine the conversion of alkyl(I) radicals into alkyl(II) and polyene(III) radicals. The I to III conversion is characterized by the ratios of the EPR spectral components $\beta_1 = h_1/h_2$, $\beta_2 = h_1/h_3$ in turn

characterizing the radical concentration ratios II:I and III:I. The conversion kinetics was carried out by γ - irradiating the polymer at 77K with 500, 1000 and 1500 Mrad radiation dose, heating at various temperatures (273K to 323K) for several minutes, and subsequently immersion in liquid nitrogen, at which point the EPR

الرائد والعراج والأوليد أوريد أوريد والوازيز والوجية والأساء المائم موادي والأخسان والأخساء وأدام والعراج والمراجع وأوجه والمحمد فليستان والمراجع والراجع والوجه والاستان والمراجع والراجع في المراجع وال

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APPROVED FOR RELEASE: Monday, July 31, 2000

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ACCESSION NR: APLO32567

spectra were recorded. The results confirm the possibility of such a radical conversion by means of a possible mechanism of free valence migration in the macromolecule. An expression is derived for the radical conversion rate β_1 given by

$$\beta_1 = \frac{|R_0|}{|R_0|} = \frac{kt}{(1/(R_0)) + kt}$$

This gives a magnitude close to the recombination rate constant of polypropylene radical. The activation energy of radical I to radical II conversion is estimated to be 6 ± 1 kcsl/mol. Orig. art. has: 13 formulas and 3 figures.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Institute of Physical Chemistry)

SUBMITTED: 24Apr63

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SUB CODE: OC

NO REF SOV: 003

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BWG(1)/BWT(n)/EFF(c)/EPF(n)-2/EPR/EWP(1)/T/EWA(h)/EWA(1) Pr-u/Pa-u/Pu-u/Pob - RPL - OG/RH/WW/JFW 8/0190/64/006/009/1605/1611 ACCESSION NR: AP4045426 (8) AUTHOR: Milinchuk, V. K.; Pahezbetskiy, S. Ya. TITLE: Effect of light on free radicals stabilized in gamma-irradiated polyvinylacetate and polymethylmethacrylate SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 9, 1964, 1605-1611 TOPIC TAGS: poly[vinylacetate], poly[methylmethacrylate], polymer spectrum, EPR spectrum, free radical, polymer structure, irradiated polymer ABSTRACT: The authors have extended their spectral studies of gamma-irradiated polymers to the investigation of the electronparamagnetic resonance (EPR) spectra of gammairradiated polyvinylacetate and polymethylmethacrylate under the influence of ultraviolet and visible light. Discussing the study, in which the polymers were gamma-irradiated at 77K and an RE1301 radiospectrometer was used, the authors without further details of the procedure, give the following results: a) the EPR spectrum consists of three well-resolved superfine structural component; red (KS-10 filter) and yellow (ZhS-12 filter) light destroy the tree radicals without appreciably affecting the spectrum pattern; A \$ 3800 A and UV light markedly affect the spectrum pattern (see Fig. 1 of the Enclosure); b) the superfine structure is poorly resolved, showing, in a carefully recorded spectrum, eleven weakly Card 1/4

L 10826-65 ACCESSION NR: AP4045428

resolved lines; visible light tends to intensify the lines and change the spectrum pattern (Fig. 2 of the Enclosure); the free radicals appear to be unaffected by visible light and insignificantly affected by UV light; heating from 77 to 204K changes the spectrum pattern and decreases the concentration of free radicals. The authors conclude that: 1) free radical phototransformations are responsible for the spectral changes. 2) light-induced

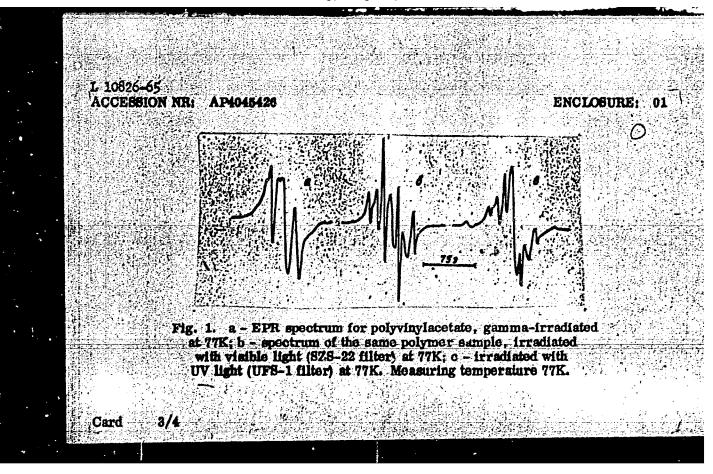
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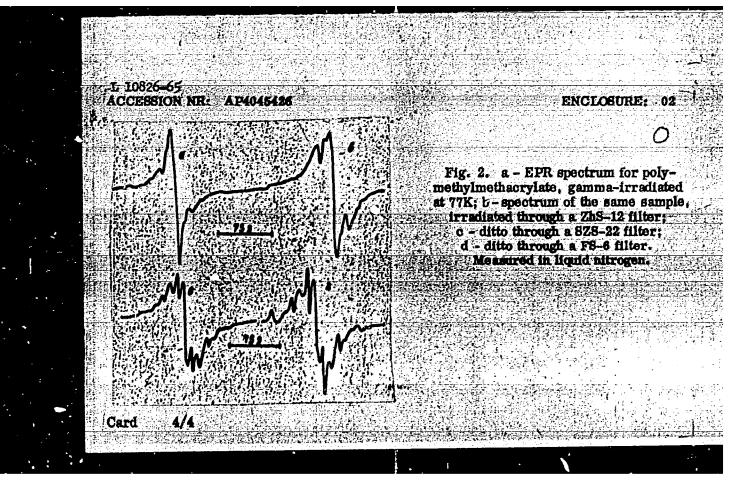
radical structures are suggested and the mechanism of the reversible transformations is
discussed. Orig. art. has: 6 figures and 9 chemical equations.

ASSOCIATION: Fision-khi michaskiy institut im. L. Ys. Karpova (Physical-Chemical Institute)

SUBMITTED: 170ct63 ENCL. 02 SUB CODE: OC

NO REF SOV: 005 OTHER: 006





MILINCHUK, V.K.

Formation of free radicals by oxygen. Vysokom.soed. 7 no.7:1293 Jl *65. (MIRA 18:8)

L 15192-66 EWT(m)/EWP(j)/T/EWA(h)/EWA(1) RM/GS ACC NR: AT5023443 SOURCE CODE: UR/0000/65/000/000/0194/0205

AUTHOR: Milinchuk, V. K.; Pshezhetskiy, S. Ya.

8+1

ORG: none

TITLE: Recombination and transformation of free radicals in γ-irradiated polymers SOURCE: Simpozium po elementarnym protsessam khimii vysokikh energiy. Moscow, 196: Elementarnyye protsessy khimii vysokikh energiy (Elementary processes of the chemistry of high energies); trudy simpoziuma. Moscow, 1965, 194-205

TOPIC TAGS: radiation polymerization, polymer, isoprene, polyisobutylene, polybutadiene, EPR spectrum, gamma irradiation, free radical, alkyl radical

ABSTRACT: Recombination and transformation of free radicals in y-irradiated (15-1500 megarads, 77-323°K, y-irradiation duration 0-40 min) polyisobutylene polyisoprene polypropylene, and polybutadiene were investigated using the EPR technique. The object of the study was to elucidate the mechanistic details of the free radical reactions in polymers. The EPR spectra show, that during y-irradiation of polypropylene (77°K and 25 megarads), recombination of

-CH₂-C-CH₂

Card 1/3

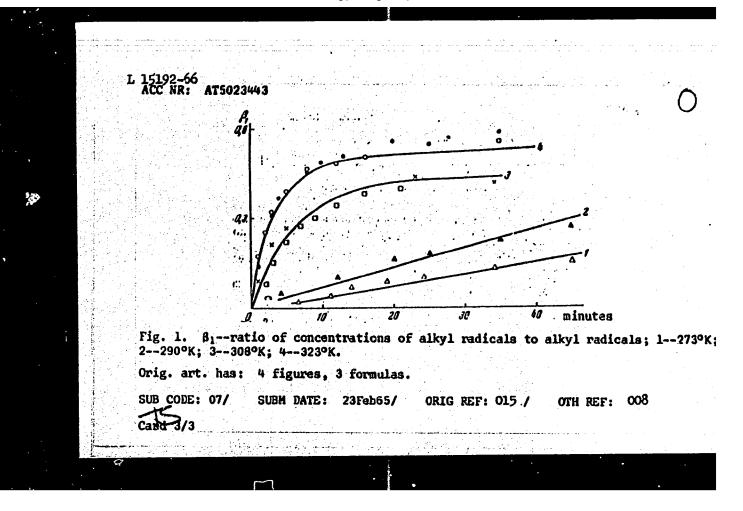
L 15192-66 ACC NR: AT5023443

alkyl radicals, and the transformation of these radicals into

alkyl radicals and

polyene radicals, take place. The β_1 parameter as a function of γ -irradiation dura tion at various temperatures is shown in fig. 1. Similar graphic data on the β_2 parameter are given. In polypropylene and polyisobutylene, the radical recombination proceeds via the migration of hydrogen atoms from one carbon atom of the polymer chain to another. This mechanism does not apply to radical recombination in polyisoprene and polyisobutylene.

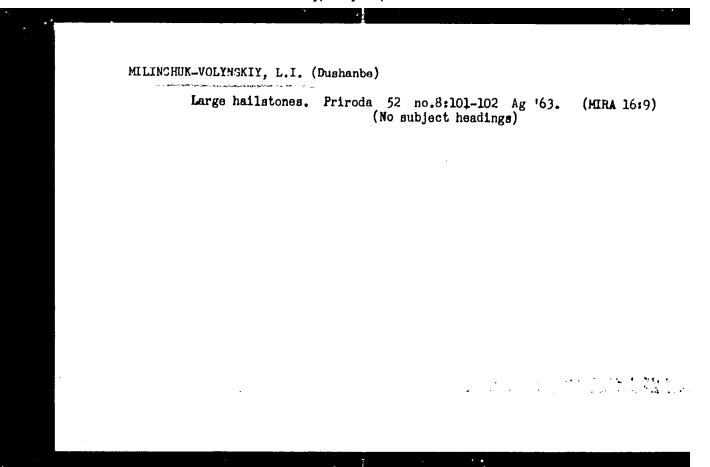
Card 2/3



LEPKOV, L.P.; YASTREBOVA, V.F.; CHEKAREV, I.I.; MILINKOVICH, V.I.; SHILKINA, L.M.; AYBASHEVA, T.V., red.

[Manual of estimates and norms for the overhauling of buildings and structures in railroad transportation] Smetnonormativnyi spravochnik po kapital'nomu remontu zdanii i sooruzhenii zheleznodorozhnogo transporta. Moskva, Transport, Pt.2. Sec.2. 1965. 184 p. (MIRA 18:8)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya. 2. Normativno-tekhnologicheskiy sektor Proyektno-konstruktor-skogo byuro Glavnogo upravleniya elektrifikatsii i energeti-cheskogo khozyaystva Ministerstva putey soobshcheniya SSSR (for all except Aybasheva).



MILINCHUK- VOLYNSKAYA, L. Ye. (Dushanbe, Bazarnyy per., 3, kv. 8)

Study of the sex chromatin of neutrophil leucocytes by the "skin windows" method. A'kh. anat., gist. i embr. 44 no.5: 75-83 My '63. (MIRA 17:6)

1. Kafedra biologii i meditsinskoy parazitologii (zav.- kand. med. nauk. A.I. Shchurenkova) meditsinskogo instituta, Dushanbe.

MILINCIC. D.; DAKOVIC, B.

"Time Necessary for Underground Chambers to Reach Definite Thermal Equilibrium."
p. 41, (ZBOPNIK, 1952/53. Beograd, Yugoslavia.)

SO: Monthly List of East European Accessions, (EEAL). LC, Vol. 4, No. 5, May 1955, Uncl.

MILINCIC, D.

Thermodynamic effects on the economy of work and maintenance of underground premises. p. 1169. Vol. 9, No. 8, 1954. TEHNIKA. Beograd, Yugoslavia.

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

MILINCIC, D.

TECHNOLOGY

PERIODICALS

MILINCIC, D. Graphic determination of the maximal coefficient of heat current and the minimal thickness of unmoist walls. p.113. No. 3, 1955. Published 1957.

Monthly List of Eastern European Accessions (EDAI) Vol. 11, No. 2
April 1959 Unclass.

MILINGIC, D.

Analogy between some heat and hydro-dynamic phenomena. p. 355.

ZBORNIK RADOVA. (Srpska akademija nauka. Masinski institut.) Beograd, Yugoslavia. Vol. 60, 1959.

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

Uncl.

MILINCIC, Dobrosav, dr. ing., assistant prof. (Beograd, Zahumska 28a)

Estimation of the distance between supports in heating networks. Tehnika Jug 16 no.10:1795-1804 0 '61.

1. Mining and Geological Faculty of the University of Beograd.

MALIC, Dragomir, prof. dr inz. (Beograd, Save Kovacevica 6);
MILINCIC, Dobrosav, prof. dr inz.

Determination of basic parameters required for designing heating, ventilation, air conditioning, and heat-producing equipment in Yugoslavia. Tehnika Jug 19 no.3:405-411 Mr '64.

Faculty of Technology, University of Belgrade (for Malic).
 Faculty of Mechanical Engineering, University of Belgrade (for Milincic).

NEVIDAL, A., dr.; GRAU, A., dr.; MERDZO, A., prim. dr.; JURISIC, S., dr.; MILING, M., dr.

Epidemic and typhoid and paratyphoid fevers in Osijek-Donji Grad in 1958. Voj.san.pregl. 16 no.3:273-280 Mr 161.

1. Opca bolnica u Osijeku, Zarasni odjel, Higijenski savod u Osijeku.

(TYPHOID epidemiol) (PARATIPHOID FEVER epidemiol)

MILINIS, I., arkhitektor

New type of apartment house with a communal section. Zhil. stroi. no.ll:3-6 '64 (MIRA 18:2)

MILIUS, I.F., arkhitektor

Planning new housing districts in the capital. Gor.khoz.Mosk.

36 no.6:31-34, Je '62. (MIRA 15:8)

(Moscow-City planning)

 $EMG(J)/FME_c)/FBD/EMT(1)/EMT(m)/EPF(e)/REC(k)-2/EPF(n)-2/EPR/T/$ EEC(t)/EEC(b)-2/EWP(k)/Sir(b)/EMA(m)-2/EMA(5) Pn-4/Po-4/Pf-4/Ps-4/Ps-4/P1-4/Pu-4/ Pl-li/Peb RAEM(a)/ASD(a)-5/ASD(d)/AFDC(a)/AFMDC/AFETR/AFWL/ESD/ESD(ga)/SSD/ESD(t)/ 8/0109/64/009/010/1893/1897 ACCESSION NR: AP4046692 RAEM(t)/IJP(c) WG/JD AUTHOR: Kuzuetsov, A. A.; Mach, D. L.; Milinkis, B. M.; Chirina, L. P. TITLE: Operating conditions of Ne-He and Xe-He gas-mixture lasers SOURCE: Radiotekhnika i slektronika, v. 9, no. 10, 1964, 1893-1897 TOPIC TAGS: lacer, gas laser, Na He gas laser. Xe He gas laser ABSTRACT: An experimental investigation of the optimum gas pressure that corresponds to a visible spectral line of 6328 A and a number of other simultaneous lines in gas lasers is reported. AnNe-He mixture with a 1:10 partial-pressure ratio and Xe-He with a 1:250 ratio were used. The experiments were conducted in a tube placed in a confocal system of two mirrors (W. W. Rigrod, et al., J. Appl. Phys., 1962, 33, 2, 743) and pumped by an UVCh-4, 38-Mc, 40-w oscillator. The 6328-A-radiation power was measured at 0.3-1.5-torr Ne-He pressure; max power was observed at 0.65 torr. Under some conditions, additions

L 10432-65 ACCESSION NR: AP4046692 radiations at 11,523 Å and 33,913 Å were noticed which complicated the shape of the visible spot. Simultaneous radiations at the three above wavelengths were further studied on a larger outfit (220 cm long, 12-mm-diameter tube; one of the mirrors silver-sprayed); radiation power vs. gas pressure (up to 4 torr) curves are reported; with both silver-sprayed mirrors, curves for 1.1523, 1.1767, 1.20, 1.5231, 1.8408, 2.03, 2.40-micron lines were obtained. Other experiments with an Xe-He mixture involved 2.0261, 2.3193, 2.6269, 2.6511, 3.1069, 3.2748, 3.3667, and 3.5070-micron lines. "The authors are deeply grateful to N. G. Basov for his constant help and invariable interest in the work, and to M. A. Vy*sotakaya for her daily active help in the work. Orig. art. has: 8 figures. ASSOCIATION: Fisiko-tekhuicheskiy institut AN GSSR! (Physicotechnical Institute, AN SSSR) SUBMITTED: 31Jul63 ATD PRESSI SUB CODE: EC NO REF SOV: 004 Card 2/2

L 63322-65 EMA(k)/EWT(d)/FBD/FSS-2/EWG(r)/EWT(1)/EEG(k)-2/T/EEG-L/EEG(b)-2/ ENP(k)/ENA(h)/ENA(m)-2/ Pm-4/Pn-4/Po-4/Pp-4/Pac-4/Pf-4/Peb/P1-4/P1-4 ACCESSION NR: AP50 12899 SCTB WO UR/0187/65/000/005/0044/0049 621.397:621.378.325 AUTHOR: Alyakishev, S. A.; Gerdsyev, D. V.; Milinkis, B. M. Ostapchenko, Ye. P. TITLE: Transmission of tw video and sound by laser 2 SOURCE: Tekhnika kino i televideniya, no. 5, 1965, 44-49 TOPIC TAGS: laser, video transmission, sound transmission / LG-24M laser, LG-34M laser ABSTRACT: The principle of operation of a gas laser is explained. Technical parameters of Soviet-made HeNe LG-24M and LG-34M lasers are reported. An experimental tv transmission setup included an LG-24M laser with two output mirrors. O e mirror was used for video transmission by means of a Kerr cell; the other mirror, for sound transmission. The receiver included a 128-mm diameter lens, a 100-A interference filter, and a 20 cps-5.5 Mc preamp (gain = 250). A "satisfactory" quality of reception, a 550-line definition (0249 test pattern), and a stable picture are reported. Orig. art. has: 10 figures. Card 1/2

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kvantovykh generatorov dl. 1965. 119 p. illus., bib	munications (Primeneniye optiches) ya tseley svyazi) Moscow, Izd-volio. 10,000 copies printed. (At he Soyuza SSR. Tekhnicheskoye upraekhnike svyazi	"Svyaz' ear of
TOPIC TAGS: laser. laser	application, laser design, radiati	lon.
communication system, quar	ntum generator	
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Specific features and theoretical possibilities of communication lines with lasers 79 Principles of building communication specific with lasers 90 Practical achievement and developments c_rried out in the field communication lines with lasers 167 References s 119	References 78	al photoeffect 74
Principles of building communication so the with lasers 90 Practical achievement and developments a ried out in the field Communication lines with lasers 107 References 119	4. Radiocommunication systems wi	th lasers [Kobzev] 79
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HUNGARY/Plant Diseases. Diseases of Cultivated Plants.

0-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30227

Author : Milinko, Istvan

Inst Title

Control of the Tobacco Mosaic Virus Which Attacks Tomatocs

Orig Pub : Kerteszet es szoleszet, 1957, 6, No 6, 19.

Abstract : No abstract.

Card 1/1

- 13 -

BABIC, Dusan, dr.; MILINKOVIC, Dusan, dr.; KONECNI, Josip, doc., dr.

Anemia in endocrine and metabolic diseases. Med. glasn. 15 no.1: 22-25 Ja *61.

1. Interna klinika "A" Medicinskog fakulteta u Beogradu (Upravnik: prof. dr Bran Stanojevic).

(ANEMIA etiol) (ENDOCRINOLOGY compl) (METABOLIC DISEASES compl)

MILINKOVIC, I

Medical care for preschool children in Serbia. Bibl. Hig. inst. Srbije no.5:97-102 '54.

(PEDIATRICS,

in Yugosl., care for preschool child)

(CHILD WELFARE,

in Yugosl., care for preschool child)

MILINKOVIC, I.; SEVIC, I.

Modern views on the role of kindergarten and nurseries. p. 35. (Socujalna i zdravstvena politika, Vol. 10, No. 4, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessioms (KEAL) Lc. Vel. 6, No. 8, Aug 1957. Unc

KITIC, Dobrila; MILINTOVIC Milinko

Laboratory control of our BCG vaccine. Glasn. hig. inst., Beogr. 4 no.3-4:49-52 July-Dec 1955.

(BCG VACCINATION.

in Yugosl., laboratory control (Ser))

YUGOSLAVIA

LJUBISAVLJEVIC, S.; VIAJNIC, S.; and MILINKOVIC, M., of the Serbian Tuberculosis Institute (Institut za Tuberkulozu SR Srbije) and Serum and Vaccine Institute (Institut za Serume i Vakcine) in Belgrade.

"The Results of Comparative Tests of the Antigenic Value of the Yugoslav Dry BCG Vaccine in Relation to the French Dry and the Yugoslav Fresh BCG Vaccine."

Belgrade, Narodno Zdravlje, Vol 19, No 7-8, 1963, pp 242-245.

Abstract: Given proper handling from beginning to end, the Yugoslav fresh and dry ECG vaccines proved to yield entirely satisfactory results. The dry vaccine is prepared from the cultures as the fresh and is used 3.5 to 4.5 months after preparation. The slightly better results obtained with the French dry ECG vaccine might be ascribed to its stronger concentration. The authors suggest the selection of cultures in which ECG bacilli display great enzymatic potential, as well as the registration of the Yugoslav dry ECG [1/1] vaccine as a standard. Five tables, three graphs, no references

MILIEKOVIC, R.

Short method of computing basic elements; some reflections. p. 37. (YOJHI GLASNIK, Vol. 8, no. 6, June 1954, Beograd, Yugoslavia)

Su: Monthly list of East European Accessions, (EEL), LC, Vol. 4, no. 1 Jan. 1955, Uncl.

MILINKOVIC, R.

"Testing and analyzing the speed and pressure of rifle ammunition."

p. 895 (Vojno-Tehnicki Glasnik) Vol. 5, no. 12, Dec. 1957 Belgrade, Yugoslavia

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

MILINOV, P.; ISEKOV, B.

Diencephalitis syndrome in an influenza epidemic in March 1959. Suvrem med., Sofia no.2:37-42 ¹61.

1. Okrushna bolnitsa, Varna. (Gl. lekar Chakalov.)

(INFLUENZA compl)
(DIENCEPHALON dis)

MILINOVSKY, FILIP

Milinovsky, Filip Velmi kratke elektromagneticke vlny (Výd. 1.) Praha, Technicko-vedecke vydavatelství, 1951. 76 p. (Ultrashort electromagnetic waves. Illus., Bibl.)

SO: Monthly List of East European Accessions, LC, Vol. 3 No. 1 Jan. 154 Unc.

MILIUSEI, J.; MAINCECKI, R.

"Determining the Amount of Mater for Concrete by Professor 3. A. Mirchow's Method", P. 303, (MATERIALY BUDGMLARE, Vol. 9, No. 11, November 1954, Warsaw, Poland)

SC: Monthly List of Fast European Accessions (EFAL), LC, Vol. 4, No. 3, March 1955, Uncl.

MILINSKİ, J.

"Soviet methode of concrete." p. 343. (INZNIERIA I BUDOWNICTWO Vol. 11. No. 11. Nov. 1955. Warszawa, Poland)

SO: Monthly List of East Europeen Accessions. (EEAL). LC. Vol. 4, No. 4. April 1955. Uncl.

P/517/61/000/041/001/001 E193/E383

AUTHORS: Staub, Fryderyk, Bublinski, Jan and Milinski, Piotr

TITLE: The effect of temperature and degree of plastic

deformation on the formation of slip lines and phase

transformation in the 18-8 austenitic steels

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe. no. 41.

1961. Mechanika. no. 9. Metaloznawstwo. no. 1. 5-29

TEXT: The chemical composition (%) of the steels studied in the present investigation is:

'Cr Тi Si S · Νi Mo С Steel Mn 0.55 0.83 0.020 17.7 10.4 0.79 1H18N9T 0.13 0.022 19.6 8.78 1.49 0.25 0.010 H18N10M 0.07

The preliminary heat and mechanical treatment consisted of: 1) heating the steels to various temperatures in the austenitic range (900 - 1 250 °C), holding at the temperature from 10--40 min and quenching in air, water or liquid air; 2) plastic deformation in tension; 3) ageing for 10 hours at 550 °C. The experimental Card 1/4

P/517/61/000/041/001/001 E193/E383

The effect of

work included tensile tests at temperatures between 20 and -188 °C, determination of true-stress/true-strain diagrams at 20, -70 and -188 °C, examination of slip lines in plastically deformed specimens, determination of the proportion of residual austenite as a function of plastic deformation and temperature, X-ray diffraction analysis, hardness measurements and metallographic examination. The results can be summarized as follows. a) Steel HH8N9T, waterquenched from 1 050 °C has a UTS equal to 58 kg/mm and a finely crystalline structure; quenching from 1 200 °C brings about grain growth and reduces the UTS to 45 kg/mm. b) Plastic deformation of less than 2.5% causes twinning. Slip lines appear after a deformation greater than 2.5%, the distance between them decreasing from 5 μ after 2.5% deformation to 2 μ after 20% deformation. A small quantity of martensite is formed at the austenitic grain boundaries in material subjected to 30% deformation. c) Austenitizing of steel H18N10M at 1 200 °C followed by sub-zero treatment at -188 °C brings about the precipitation of 11% ferrite. This figure can be reduced to 5.5% by using a double treatment: waterquenching from 1 200 °C followed by water-quenching from 900 °C and sub-zero treatment at -188 °C. d) UTS of steel H18N10M Card 2/4

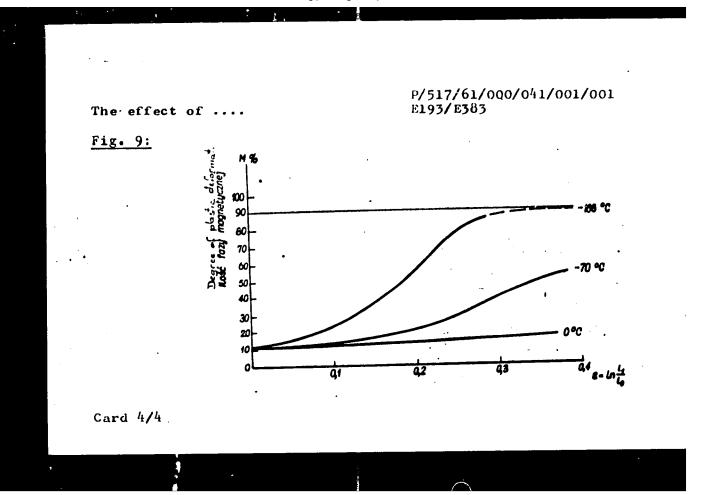
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increases with decreasing temperature, being 55, 100 and 135 kg/mm at 20, -77 and -188 °C, respectively. e) The proportion (N, %) of the ferromagnetic phases $(\alpha_2+\delta)$ in steel H18N10M varies with temperature and degree of plastic deformation ($\epsilon=\ln(\ell_1/\ell_0)$) as demonstrated in Fig. 9. f) The following values were calculated for the temperature (Mg) of the martensitic transformation, the temperature (TE) of the thermodynamic equilibrium and the temperature (Md30) at which 50% martensite is formed in steel subjected to deformation $\epsilon=0.30$:

g) The lattice parameters of various phases in the steels studied have been found to be essentially the same as those quoted in the literature. There are 20 figures and 6 tables.

Card 3/4

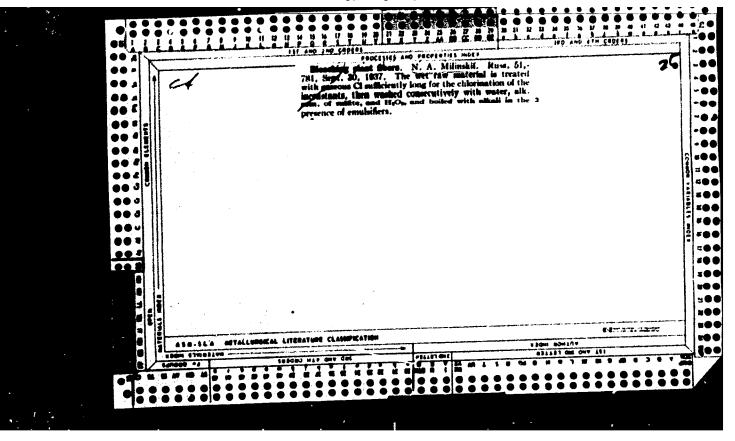


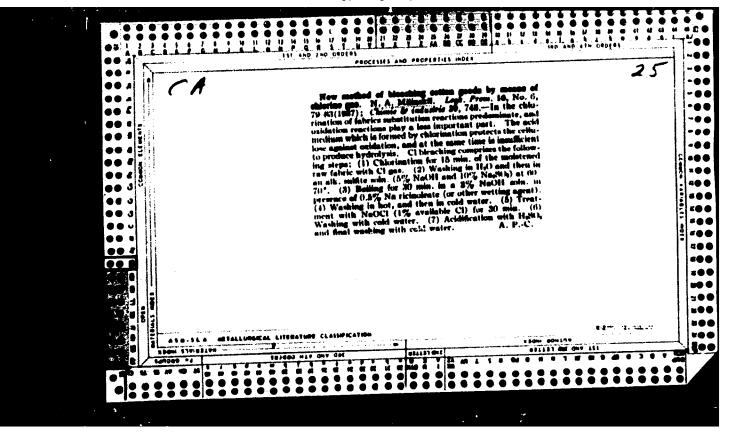
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BUSHEV, Vladimir Pavlovich, inzh.; PCHELINTSEV, Vladimir Alekseyevich, kand. tekhn. nauk; FEDORENKO, Vasiliy Semenovich, kand. tekhn. nauk; YAKOVLEV, Anatoliy Ivanovich, kand. tekhn.nauk; MILINSKIY, A.I., red.; KOMONOV, A.S., red.izd-va; LELYUKHIN, A.A., tekhn. red.

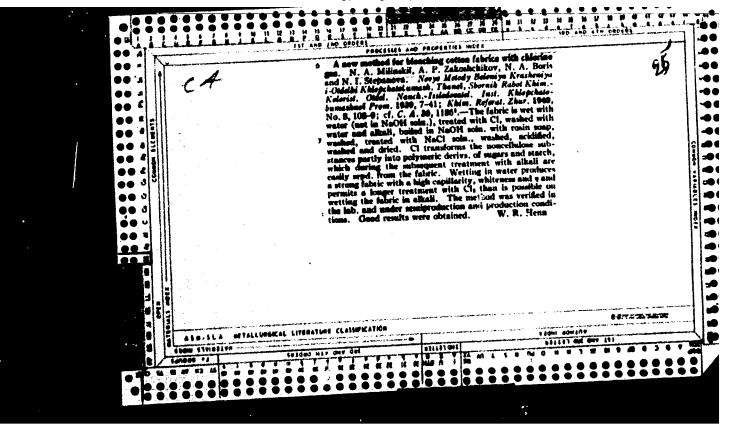
[Fireproofness of buildings] Ognestoikost' zdanii. [By] V.P. Bushev i dr. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1963. 166 p.

(Building, Fireproof)

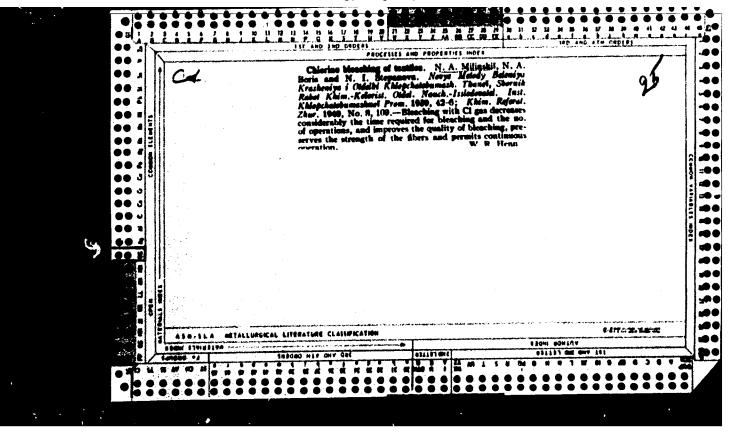




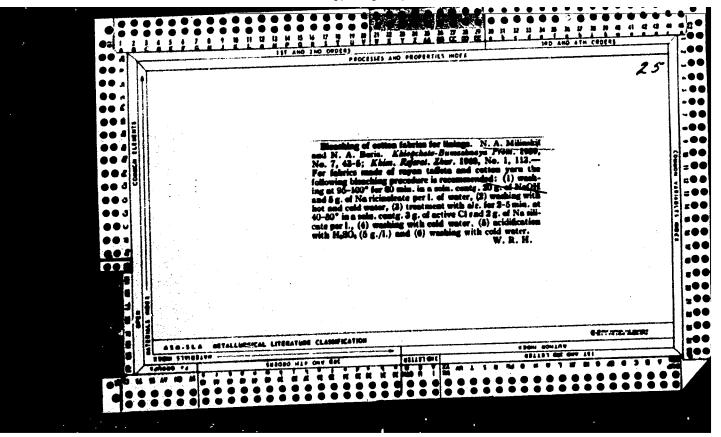
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