

YEFREMOVA, T. M., Cand of Med Sci -- (diss) "Influence of the Hypothalamic
Region on the Functional Status of the Cerebral Cortex of Rabbits
Afflicted With Acute Radiation Sickness," Chervontsy 1959, 15 pp
(Chervontsy State Medical Institute) (KL, 5-60, 130)

L 00965-66

ACCESSION NR: AP5018538

UR/0242/65/000/005/0075/0077

AUTHOR: Yefremova, V. A.

TITLE: Prevention of pyodermatitis with staphyloantoxin

SOURCE: Meditsinskiy zhurnal Uzbekistana, no. 5, 1965, 75-77

TOPIC TAGS: dermatology, immunology, toxicology

ABSTRACT: Workers in a garment factory were inoculated with staphyloantoxin to determine the value of active immunization in reducing the incidence of purulent skin diseases. Workers in a similar factory served as the control. Some 600 persons were injected subcutaneously three times with 0.5 and 1.0 ml of staphyloantoxin at 20 day intervals between the first and second inoculations and at 10 day intervals between the second and third. Three and 12 months after the third inoculation the workers were revaccinated. A systemic reaction in the form of malaise, weakness, chills, and elevation of temperature occurred in 55 persons after the first inoculation, after the second - in 26, after the third - in 17; after the first revaccination - in 2; after the second - in 1. A local reaction after the first inoculation was noted in 323 persons, after the second - in 289, after the

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L 00965-66

ACCESSION NR: AP5018538

third - in 237, after the first revaccination - in 199, after the second - in 178. Subsequent inoculations with staphyloanatoxin reduced the number of both local and general reactions. In addition to active immunization, a variety of hygienic and technical improvements were made in the factory, first-aid units were set up to provide prompt treatment of minor injuries, and nurses circulated throughout the factory inspecting the hands of the workers and, in the event of microtraumas, applied a lacquer. The incidence of pyodermatitis decreased from 1.8 per 100 insured persons in 1960 to 1.1 in 1961, the year the inoculations were first used, and to 0.3 in 1962 as compared with 1.7, 2.3, and 1.01 among the controls. The average duration of the disease dropped from 6.3 days in 1960 to 4.6 in 1962 as compared with 4.0 in 1960 and 6.4 in 1962 among the controls. The author concluded that staphyloanatoxin is effective in preventing purulent skin diseases in industrial workers.

ASSOCIATION: Kafedra kozhnykh i venericheskikh bolezney Andizhanskogo meditsinskogo instituta (Department of Dermatological and Venereal Diseases, Andizhan Medical Institute)

SUBMITTED: 11May64

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 000

Card 2/2

MIKHAYLOV, V.V.; NAZARKIN, A.T. [deceased]; RASKIN, Ya.L.; SVERDLIN, M.S.;
YEFREMOVA, V.K.; Primala uchastiye: BEREZINA, G.P.

Granulated organic pigments for the paint industry. Lakokras.
mat.i ikh prim. no.3:32-35 '62. (MIRA 15:7)
(Pigments)

MIKHAYLOV, V.V.; PESCHANSKAYA, R.Ya.; FORER, Ye.R.; YEFREMOVA, V.K.;
PEREVEZENTSEVA, N.M.; ALEKSEYEVA, N.A.

New production variety of organic pigments for the rubber industry.
Khim.prom. no.1:26-28 '63. (MIRA 16:3)
(Pigments) (Dyes and dyeing--Rubber goods)

YEFREMOVA, V. N.

"The Copolymerization of Allyl Alcohol and Its Derivatives with Sulfur Dioxide",

Iz. Ak. Nauk SSSR, Otdel Khim. Nauk, No. 5, 1949.

Mbr., Inst. Organic Chemistry, Acad. Dept. Chem. Sci., lc., -1948-.

ARBUZOVA, I.A.; PLOTKINA, S.A.; ^EYEREMOVA, V.N.

Synthesis of alkylidene and arylidene glycol acrylates and methacrylates. Zhur.ob.khim. 26 no.4:1124-1127 Ap '56. (MLRA 9:8)

1. Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR.
(Acrylic acid) (Methacrylic acid)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001962420007-0

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001962420007-0"

79-28-5-33/69

AUTHORS: Arbusova, I. A., Ushakov, S. N., Plotkina, S. A., Yefremova,
V. N., Ulezlo, I. K.

TITLE: On the Conversion Reactions of Methylolmetacrylamide (O
reaktsiyakh prevrashcheniya metilolmetakrilamida)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 5,
pp. 1266 - 1269 (USSR)

ABSTRACT: In carrying out one of the experiments for the synthesis of
methylolmetacrylamide according to Feuer, Lynch (Fayer i
Linch) (Reference 1) the authors separated, besides this com-
pound, also a product with the melting point $80.5 - 81.5^{\circ}\text{C}$
which, until now, has not been identified as dimetacrylamido-
dimethylether. Many experiments to isolate this product from
the mixture of final products of the above synthesis did not
succeed, which also was the reason for investigating the con-
version reaction of methylolmetacrylamide more in detail. The
experiments to realize the dimetacrylamidodimethylether by
conversion of the methylolmetacrylamide with benzoylchloride

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On the Conversion Reactions of Methylolmetacrylamide

79-28-5-33/69

in alkaline medium according to Zigmner (Tsigoyner) (Reference 3) did not succeed. Being of the opinion that the ether would have to form as a final product in the synthesis of methylenedimacrylamide in the presence of acidous catalysts the behaviour of methylolmetacrylamide in the presence of acidous catalysts was investigated. On heating of the latter with a small amount of hydrochloric acid it could be converted into the dimetacrylamidodimethylether. In the case of increased concentration this ether was converted to the already known methylenedimacrylamide (see reaction scheme). According to the data by Bauer and Lynch, the methylolmetacrylamide polymerizes on heating in the presence of mineral acids and boron chloride ($B Cl_3$) with formation of unmeltable and insoluble polymers, which fact indicates a three-dimensional structure. The experiments carried out by the authors showed that the methylolmetacrylamide also polymerizes on the action of peroxide stimulators, in which case polymers of a line or three-dimensional structure can be obtained, depending on the prevailing conditions. In the case of irradiation of this amide with ultraviolet light

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On the Conversion Reactions of Methylolmetacrylamide 79-28-5-33/69

a solid unmeltable polymer results from it. In the masspolymerization in the presence of benzoylperoxide a vitreous polymer forms which is insoluble in water and usual organic solvents. There are 6 references, ^{none} of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR
(Institute for High-Molecular Compounds, AS USSR)

SUBMITTED: April 29, 1957

Card 3/3

ARUZOVA, I.A.; YEFREMOVA, V.N.

Polymerization of glycidyl methacrylate. Vysokom soed. 1 no.3:455-459
Mr '59. (MIRA 12:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Polymerization) (Methacrylic acid)

15.8109

87341
S/190/60/002/010/025/026/XX
B004/B064

AUTHORS: Arbusova, I. A., Yefremova, V. N.

TITLE: Production of Linear Polymers of the Glycidyl Esters of Unsaturated Acids by the Mechanism of Cyclic Polymerization

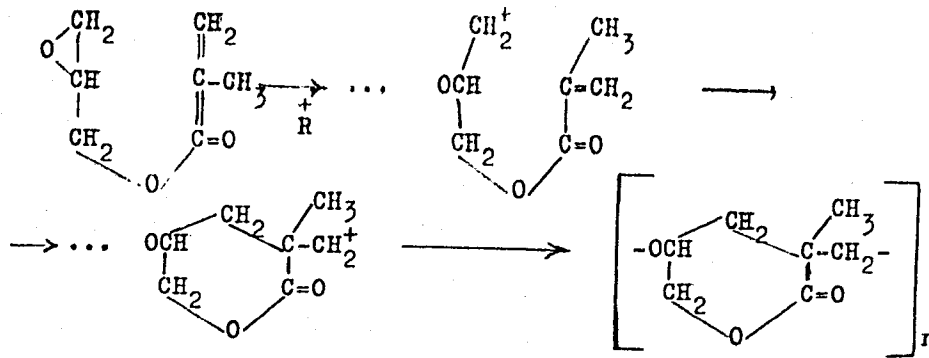
PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 10, pp. 1586-1587

TEXT: In this letter to the editors the authors state that they succeeded in polymerizing glycidyl esters of unsaturated acids, containing, apart from the double bond, also a glycide group which is capable of polymerizing if the Δ -oxide cycle is opened. When polymerizing glycidyl methacrylate in the presence of BF_3 alcoholate and hydroquinone, a linear polymer, soluble in alcohol, dioxan, and acetone was obtained which contains no glycide group. The intrinsic viscosity of the polymer was 0.057, the molecular weight 818. Glycidyl acrylate was polymerized in a similar way. The formation of a linear cyclic polymer is assumed as reaction scheme:

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Production of Linear Polymers of the Glycidyl Esters of Unsaturated Acids by the Mechanism of Cyclic Polymerization

87341
S/190/60/002/010/025/026/XX
B004/B064



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There are 4 references: 2 Soviet and 2 US.

SUBMITTED: July 5, 1960

Card 2/2

86225

S/190/60/002/012/012/019
B017/B078

15.8105

2209

AUTHORS: Arbuzova, I. A., Yefremova, V. N., Yelisseyeva, A. G.

TITLE: Synthesis and Properties of Methylmethacrylate
Dimethacrylamidodimethyl Ether Copolymers

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 12,
pp. 1828 - 1831

TEXT: Copolymers of methylmethacrylate with dimethacrylamidodimethyl ether were synthesized and their mechanical properties examined. A detailed description in the experimental part explains the synthesis of these copolymers. The effect of the content of dimethacrylamidodimethyl ether in copolymers containing methylmethacrylate on tensile strength, elongation, specific viscosity, and modulus of elasticity at 20°C has been studied. Results show that the tensile strength of copolymers increases when adding 4-5 mole% dimethacrylamidodimethyl ether. If this amount is further increased, a sharp decrease in strength occurs. Viscosity first increases with an addition of dimethacrylamidodimethyl ether, reaches a maximum, and declines again with a further addition, while the

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86325

Synthesis and Properties of Methylmethacrylate S/190/60/002/012/012/C19
Dimethacrylamidodimethyl Ether Copolymers B017/B078

modulus of elasticity remains unaffected. Fig.2 shows the vitrification temperature of polymethylmethacrylate copolymers with decamethylglycol-dimethacrylate, ethylbutylpropanenedioldimethacrylate, allylmethacrylate, and dimethylpropanenedioldimethacrylate according to data by S. Loshaek (Ref.2), B. N. Rutovskiy and A. M. Shur (Ref.5), and with dimethacrylamidodimethyl ether as a function of the components of copolymerization. Results show that the vitrification temperature of these copolymers increases with a diolefin content of up to 5%. The vitrification temperature was determined according to A. I. Marey (Ref.11). Professor Ye. V. Kuvshinskiy is thanked for measurements made in his laboratory. There are 2 figures and 11 references: 4 Soviet, 4 US, 1 British, and 2 German. X

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR
(Institute of High-molecular Compounds of the Academy of Sciences USSR)

SUBMITTED: May 23, 1960

Card 2/2

ARBUZOVA, I.A.; YEFREMOVA, V.N.

Synthesis of linear polymers of glycidyl esters of unsaturated acids
based on the mechanism of cyclic polymerization. Vysokom. soed. 2
no.10:1586-1587 0 '60. (MIRA 13:9)

(Polymerization) (Acrylic acid) (Methacrylic acid)

ARBUZOVA, I.A.; YEFREMOVA, V.N.; YELISEYEVA, A.G.; ZINDER M.F.

Cyclic polymerization of glycidol esters of unsaturated acids in the presence of ionic catalysts. *Vysokom. soed.* 5 no.12:1819-1823 D '63. (MIRA 17:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

YEFREMOVA, V.N.

Reactogenicity and immunological changes in the serum of persons following aerosol immunization with typhoid fever monovaccine. Zhur. mikrobiol., epid. i immun. 40 no. 2:51-57 F '63. (MIRA 17:2)

1. Iz Tsentral'nogo instituta usovershenstvovaniya vrachey.

YEFREMOVA, V.N.

Evaluation of the epidemiological effectiveness of the aerosol method of immunization against typhoid fever. Trudy TSIU 68:38-39 '64.

Study of the immunological shifts in the blood sera of children and adults following aerosol immunization against typhoid fever. Ibid.: 88-92 (MIRA 18:)

L 0138-65 ENT(m)/EPF(c)/EWP(j)/T c-1/Pt-4 JAJ/RM

ACCESSION NR: AP5016505

UR/0190/65/007/006/1024/1026
541.64

AUTHORS: Arbuzova, I. S.; Yefremova, V. N.; Fedorova, Ye. F.; Yeliseyeva, A. G.; Zinder, M. F.

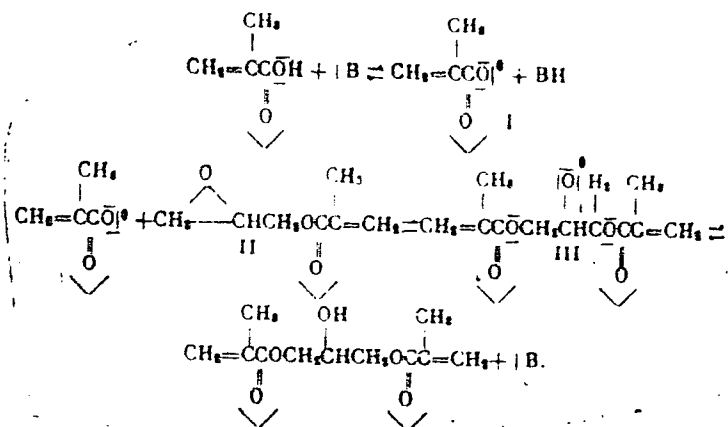
TITLE: Synthesis of reactive polymers. A study of the addition of the epoxide ring to the carboxyl group of polymers

SOURCE: Vysokomolekulyarnyye soedineniya, v. 7, no. 6, 1965, 1024-1026

TOPIC TAGS: polymer, resin, epoxide, methacrylate, copolymerization / Nippon Bunko infrared spectrophotometer

ABSTRACT: The copolymerization products of glycidyl methacrylate and methacrylic acid were synthesized in order to study the reaction of the epoxy ring with the carboxyl group of the copolymer. Glycidyl methacrylate was synthesized after I. A. Arbuzova, V. N. Yefremova, A. G. Yeliseyeva, and M. F. Zinder (Dokl. Akad. Nauk SSSR, 1965, 136). The reaction was carried out at 120-140°C. From IR spectra of the heated copolymer it is concluded that an addition reaction takes place between the epoxy ring and the carboxyl group, as shown by

60122-05
 ACCESSION NR: AP5016505



The structure of the cross-linking bridge was determined by IR spectroscopy of the copolymer of glycidyl methacrylate and methacrylic acid, and was confirmed by a similar study of the IR spectra of glycidimethacrylate synthesized by the action of methacrylic acid on glycidyl methacrylate in the presence

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L 60138-65

ACCESSION NR: AF5016505

of pyridine and phenyl- β -naphthylamine. Orig. art. has: 2 graphs and 1 illustration.

ASSOCIATION: Institut vysokomolekulyarnykh soedineniy AN SSSR (Institute for High-Molecular Compounds, AN SSSR)

SUBMITTED: 10Jul64

ENCL: 00

SUB CODE: 00

NO REF SOV: 003

OTHER: 001

Card 1 2

RUMYANTSEV, S. I.; EFREMOVA, V. V., redaktor

[Laboratory manual for reconditioning military machines. (Bearing casting section)] Rukovodstvo k laboratornym rabotam po vosstanovleniiu boevykh mashin. (Otdel zalivki podshipnikov), Moskva, 1948
69 p. (Bearings (Machinery)) (MLRA 8:9)

DYMARCHUK, N.P.; YEFREMOVA, V.V.; MISHCHENKO, K.P., doktor khim.nauk, prof.

Thermodynamics of the interaction of cellulose with water and
aqueous electrolyte solutions. Report No.4. Trudy LTITSBP no.12:13-
17 '64. (MIRA 18:8)

L 609h2-65 EWT(m) Feb DIAAP

ACCESSION NR: AP5014322

UR/0367/65/001/005/0937/0939

AUTHORS: Vitman, V. D.; Dzhelapov, B. S.; Yefremova, V. Ya. 12
9

TITLE: Positrons from Lu-171 19 B

SOURCE: Yadernaya fizika, v. 1, no. 5, 1965, 937-939

TOPIC TAGS: lutecium, positron decay, annihilation radiation, Gamma
Gamma coincidence

ABSTRACT: In view of the discovery made by V. A. Balalayev et al. (Materialy soveshchaniya po spektroskopii neytronodefitsitnykh izotopov i teorii yadra [Materials of Conference on the Spectroscopy of Neutron Deficient Isotopes and Nuclear Theory] Dubna, 1964) that positronic decay of Lu¹⁷¹ is possible, the authors searched for positrons from Lu¹⁷¹ by detecting the annihilation radiation, with the VNIIM $\gamma\gamma$ -coincidence scintillation spectrometer. The source was Lu¹⁷¹ separated chromatographically after 20 hours from the hafnium fraction produced by irradiating tantalum with 660-MeV protons. The

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L 60942-65

ACCESSION NR: AP5014322

3

measurements started one month after separation of the Lu. The measurements disclosed positron activity in the source, and it is deduced from the ratio of the counting rates of the $\gamma\gamma$ coincidences at angles 180 and 90° that the observed positrons belong to Lu¹⁷¹. We thank I. G. Zaytseva for preparing the source and S. A. Shestopalova for a discussion of the results.' Orig. art. has: 2 formulas

ASSOCIATION: Institut metrologii im. D. I. Mendelejeva (Institute of Metrology)

SUBMITTED: 26Nov64

ENCL: 00

SUB CODE: NP

NR REF SOV: 000

OTHER: 007

dm
Card 2/2

BORISOV, V.; TARASOV, F., redaktor; YEFREMOVA, Ye.; MUNTZAN, T., tekhnicheskiy redaktor

[My first radio receiving set] Moi pervyi radiopriemnik. Moskva, Ivd-vo Dosaaf, 1955. 76 p. (MLRA 8:7)
(Radio--Receivers and reception)

ARISTOVSKIY, V.V., doktor tekhn.nauk, prof.; TSERAPNIYER, L.S., inzh.;
LAPINE, L.V., inzh.; YEFREMOVA, Ye.A., inzh.

"German-Russian hydraulic engineering dictionary" edited by M.M.
Grishin. Reviewed by V.V.Aristovskii and others. Gidr. stroi.
33 no.5:62-63 My '63. (MIRA 16:5)
(Hydraulic engineering--Dictionaries)
(German language--Dictionaries--Russian) (Grishin, M.M.)

KAMYSEV, Nikolay Ivanovich; KACHURIN, Marat Borisovich; MARTYNOV,
B.B., red.; YEFREMOVA, Ye.B., red.

[About the MD-5 and MD-2.5 engines for airplane model
makers] Modelistam - o dvigateliakh MD-5 i MD-2,5. Mo-
skva, DOSAAF, 1964. 38 p. (MIRA 17:9)

VZOVSKIY, A.G.; YEFREMOVA, Ye.I.

Reparative processes in pulmonary tuberculosis from data of
roentgenological studies. Probl.tub. 38 no.7:29-34 '60.
(MIRA 14:1)

(TUBERCULOSIS)

LIMANSKAYA, G.F.; OSTROVSKIY, Ya.G.; YEFREMOVA, Ye.I.

Occupational processes as an element of compound therapy of tuberculosis patients. Probl. tub. 41 no.11:60-63 '63.

(MIRA 17:9)

1. Iz Ukrainkogo nauchno-issledovatel'skogo instituta tuberkuleza i grudnoy khirurgii (dir. dotsent A.S.Mamolot) i sanatoriya "Pervomayskiy" (glavnyy vrach Ya.G.Ostrovskiy), Kiyev.

BRIK, F.G., inzh.; YEFREMOVA, Ye.M.; LOPOVOK, L.I., kand. arkh.;
MAKOTINSKIY, M.P., kand. arkh.; MILOVZOROV, A.K., arkh.;
CHARNYI, S.S., kand. tekhn. nauk; Primalni uchastiye:
BOGUSLAVSKIY, A.I., inzh.; LIVSHITS, A.M., inzh.; POPOV,
A.N., retsenzent; ROKHVARGER, Ye.L., kand. tekhn. nauk,
retsenzent; GURVICH, E.A., red.

[Catalog of finishing materials and elements] Katalog ot-
delochnykh materialov i izdelii. Moskva, Gosstroizdat.
Pt.5. [Ceramics] Keramika. 1961. 54 p. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh
stroitel'nykh materialov. 2. Deystvitel'nyy chlen Akademii
stroitel'stva i arkhitektury SSSR (for Popov).
(Finishes and finishing)

39845

S/190/62/004/008/003/016
B117/B144

5.3832

AUTHORS: Klebanskiy, A. L., Chevychalova, K. K., Yefremova, Ye. M.

TITLE: Formation conditions and structure of dimers obtained by the bulk polymerization of chloroprene

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 8, 1962, 1145-1150

TEXT: The polymerization of chloroprene in the presence of peroxides or tetraalkyl Thiuram disulfide with sulfur at 50 - 55°C, and the effect of individual factors on the formation of dimers, were studied. The formation rate and the dimer-to-polymer ratio increase when the polymerization temperature rises. Dimers are the main products obtained in the presence of inhibitors. Increasing the degree of polymerization to >70% brings down the relative amount of the resulting dimers to 4 - 5%. The high-molecular polymerization of chloroprene in the presence of tetramethyl thiuram disulfide yielded dimers, of which 65% have the structure of 1,5-dichlorocycloocta-1,5-diene, whilst 12% were 4-(1-chlorovinyl)-1-chlorocyclohexene. The structure was determined by oxidation, ozonolysis, and hydrogenation at 20°C in the presence of platinum black, yielding a

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Formation conditions and...

S/190/62/004/008/003/016
B117/B144

product with the physicochemical constants of cyclooctane. The structure of the latter was confirmed by oxidation with nitric acid yielding suberic acid. The prevailing formation of 8-membered dimers was explained by the stabilization of the primary 8-membered cyclic complex owing to an increase in viscosity of the medium during polymer formation, and owing to the absence of catalytic inhibitors. There are 4 figures. X

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy Institut sinteticheskogo kauchuka im. S. V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber imeni S. V. Lebedev)

SUBMITTED: May 3, 1961

Card 2/2

FEDOROV, N.; YEFREMOVA, Ye.[✓], red.; KARYAKINA, M., tekhn.red.

[Program for training members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy to qualify as 3rd class drivers] Programma podgotovki chlenov dobrovol'nogo obshchestva sodeistviia armii, aviatsii i flotu na kursakh pervichnykh organizatsii po spetsial'nosti shofera 3-go klassa. Moskva, 1954. 77 p. (MIRA 13:6)

1. Vsesoyuznoye dobrovol'noye obshchestvo sodeystviya armii, aviatsii i flotu.

(Automobile drivers)

KHUKHRA, Yu., YEFREMOVA, Ye., redaktor; KARYAKINA, M. tekhnicheskii
redaktor

[Hand controlled flying airplane model]Kordovaia letaiushchaya
model' samoleta. Moskva, Izd-vo Dosaaf, 1955. 36 p. (MLRA 8:7)
(Airplanes--Models)

YEFREMOVA, YE.

KAZHINSKIY, Bernard Bernardovich; PERLI, Semen Borisovich; YEFREMOVA, Ye.
redaktor; ANDRIANOV, B., tekhnicheskiiy redaktor

[Homemade wind power electric stations] Samodel'naya vetroelektro-
stantsiya. Moskva, Izd-vo DOSAAF, 1956. 93 p. (MIRA 10:6)
(Windmills) (Electric power plants)

KUMANIN, Vladimir Vladimirovich; YEFREMOVA, Ye.V., red.; KARYAKINA,
M.S., tekhn.red.

[Fuselage airplane models with rubber motors] Fizeliazhnye
modeli samoletov s rezinovymi dvigateliami. Moskva, Izd-vo
DOSAAF, 1958. 71 p. (MIRA 12:7)
(Airplanes--Models)

KOSTENKO, Igor' Konstantinovich; YEFREMOVA, Ye. V., red.; KARYAKINA, M. S.,
tekh. red.

[Designing and calculating glider models] Proektirovanie i raschet
modelei planerov. Moskva, Izd-vo DOSAAF, 1958. 200 p. (MIRA 11:10)
(Gliders (Aeronautics)--Models)

KOSTENKO, Igor' Konstantinovich; SIDOROV, Orest Aleksandrovich;
SHEREMETEV, Boris Nikolayevich; YEFREMOVA, Ye.V., red.;
BLAZHENKOVA, G.I., tekhn.red.

[Foreign gliders] Zarubezhnye planery. Moskva, Izd-vo
DOSAAF, 1959. 159 p. (MIRA 13:2)
(Gliders (Aeronautics))

PSAKHIS, Z.Ya.; KLIYENOVSKIY, G.B.; SUKHANOV, A.P.; YEFREMOVA, Ye.V.,
red.; BLAZHENKOVA, G.I., tekhn.red.

[Models of racing automobiles] Modeli gonochnykh avtomobilei.
Moskva, Izd-vo DOSAAF, 1959. 173 p. (MIRA 13:3)
(Automobiles, Racing--Models)

VASIL'YEV, Grigoriy Silant'yevich; YEFREMOVA, Ye.V., red.; MUKHINA,
Ye.S., tekhn.red.

[Models with flapping wings] Modeli s mashshchimi kryl'iami.
Moskva, Izd-vo DOSAAF, 1960. 84 p. (MIRA 14:4)
(Flying-machines--Models)

MESHKOVSKIY, Aleksandr Vasil'yevich; YEFREMOVA, Ye.V., red.; FAYNSHIMIDT,
F.Ya., tekhn. red.

[How to build a very simple course for automobile training and sports]
Kak postroit' prosteishii uchebno-sportivnyi avtomotodrom. Moskva,
Izd-vo DOSAAF, 1960. 87 p. (MIRA 14:9)
(Automobile drivers) (Automobile racing)

KLİYENTOVSKIY, Gleb Borisovich; PSAKHIS, Zinoviy Yakovlevich; YEFREMOVA,
Ye.V., red.; KARYAKINA, M.S., tekhn.red.

[Automobile models with rubber and spring-actuated engines]
Modeli avtomobilei s rezinovymi i pruzhinnymi dvigateliami.
Moskva, Izd-vo DOSAAF, 1960. 103 p. (MIRA 13:6)
(Automobile--Models)

SHESTOPALOV, Konstantin Sergeevich; YEFREMOVA, Ye.V., red.; PLEKHANOV,
I.I., red.; KARYAKINA, M.S., tekhn.red.

[Bench and fitting work and maintenance of motor vehicles]
Slesarno-montazhnye raboty i tekhnicheskoe obsluzhivanie avto-
mobilia. Moskva, Izd-vo DOSAAF, 1960. 237 p.

(MIRA 13:7)

(Motor vehicles--Maintenance and repair)

BABAYEV, Nikolay Alekseyevich; GAYEVSKIY, Oleg Konstantinovich;
IVANNIKOV, Dmitriy Andreyevich; KUDRYAVTSEV, Sergey Ste-
panovich; MIKIRTUMOV, E~~manuil~~ Bogdanovich; KHUKHRA, Yu.;
YEFREMOVA, Ye.V., red.; KARYAKINA, M.S., tekhn. red.

[Airplane modeling; manual for makers of airplane models and
instructors of circles for the first and second training year]
Aviatsionnyi modelizm; uchebnoe posovie dlia aviamodelistov i
rukovoditelei kruzhkov pervogo i vtorogo godov obucheniia.
Izd. 2., perer. i dop. Pod obshchei red. E.B.Mikirtumova.
Moskva, Izd-vo DOSAAF, 1960. 286 p. (MIRA 14:5)
(Airplane--Models)

SMIRNOV, Engel's Pavlovich; YEFREMOVA, Ye.V., red.; FAYNSHMIDT, P.Ya.,
tekh. red.

[Propellers for rubber-motor airplane models] Vinty rezinomotornyykh
letaiushchikh modelei. Moskva, Izd-vo DOSAAF, 1961. 107 p.
(MIRA 14:11)

(Airplanes--Models)

PAVLOV, Anatoliy Nikolayevich; YEFREMOVA, Ya.V., red.; KOROLEV, A.V.,
tekhn. red.

[Making ship models] Postroika modelei sudov. Moskva, Izd-vo
DOSAAF, 1962. 49 p. (MIRA 16:3)
(Ship models)

NATALENKO, Valentin Pavlovich, master sporta; YEEREMOVA, Ye.V., red.;
BOLONKIN, A.A., red.; SORKIN, M.Z., tekhn. red.

[Models flying on cords]Kordovye letaiushchie modeli. Moskva,
Izd-vo DOSAAF, 1962. 83 p. (MIRA 16:2)
(Airplanes--Models)

DROZHZHIN, Nikolay Alekseyevich, master sporta; YEFREMOVA, Ye.V.,
red.; MUKHINA, Ye.S., tekhn. red.

[A radio controlled ~~model glider~~]Model' planera, upravliaemaia
po radio. Moskva, Izd-vo DOSAAF, 1962. 87 p. (MIRA 16:2)
(Glidera (Aeronautics))--Models--Radio control)

ALEKSEYEV, Sergey Makarovich; YEFREMOVA, Ye.V., red.; TROITSKIY, L.V.,
red.; FAYNSHMIDT, P.Ya., tekhn. red.

[The ShK-2 transmitter-receiver for school use] Shkol'naya radio-
stantsiya. ShK-2. Moskva, Izd-vo DOSAAF, 1962. 119 p.
(MIRA 16:2)

(Radio--Education and training)

YUVENAL'YEV, Igor' Nikolayevich; YEFREMOVA, Ye.V., red.; KLENNIKOV,
V.M., red.; KOROLEV, A.V., tekhn. red.

[Aerosledges; how to build light aerosledges] Aerosani; kak po-
stroit' legkie aerosani. Moskva, Izd-vo DOSAAF, 1962. 145 p.
(MIRA 15:7)

(Motor sledges)

BOLONKIN, Aleksandr Aleksandrovich; YEFREMOVA, Ye.V., red.; MARTYNOV, B.B., red.; KOROLEV, A.V., tekhn. red.

[Theory of the flight of flying models] Teoriia poleta letaiushchikh modelei. Moskva, Izd-vo DOSAAF, 1962. 311 p.
(MIRA 15:10)

(Airplanes—Models) (Aerodynamics)

DISKIN, Ye.I.; D'YAKOV, A.V.; KLIYENTOVSKIY, G.B.; PSAKHIS, Z.Ya.;
SUKHANOV, A.P.; YEFREMOVA, Ye.V., red.; FANSIMIDT, F.Ya.,
tekhn. red.

[Modeling of automobiles]Avtomobil'nyi modelizm. Pod ob-
shchei red.Z.IA.Psakhisa. [By]E.Diskin i dr. Moskva, Izd-vo
DOSAAF, 1962. 391 p. (MIRA 15:10)
(Automobiles--Modeling)

SHESTOPALOV, K.S.; YEFREMOVA, Ye.V., red.; PLEKHANOV, I.P., red.

[Fitting and assembling work and the maintenance of a motor vehicle] Slesarno-montazhnye raboty i tekhnicheskoe obsluzhivanie avtomobilia. Moskva, DOSAAF, 1964. 267 p.
(MIRA 17:5)

LEBEDINSKIY, M.S.; YEFREMOVA, Ye.V., red.; MIKIRTUNOV, E.B., red.

[Design and build aircraft models!] Proektirui, stroi
aviatsionnye modeli! Sbornik statei. Moskva, Izd-vo
DOSAAF. No.1. 1963. 145 p. (MIRA 17:7)

GAYEVSKIY, Oleg Konstantinovich; YEFREMOVA, Ye.V., red.;
SMIRNOV, E.P., red.

[Airplane modeling] Aviamodelirovanie. Izd.2., ispr. 1
dop. Moskva, DOSAAF, 1964. 355 p. (MIRA 17:11)

DOL'NIK, A.G.; YEFREMOVA, Ye.V., red.

[Best designs displayed at the Eighteenth Exhibition of
the Creative Work of Radio Amateurs] Luchshie konstruksii
18-i vvstavki tvorchestva radioliubitelei-konstruktorov.
Moskva, DOSAAF, 1965. 180 p. (MIRA 18:8)

1. Moscow. Vsesoyuznaya vystavka tvorchestva radiolyubiteley-
konstruktorov. 18th.

YEFREMOVA, Ye.Ya.

Place of the communal division of labor, its specialization and
cooperation in the means of production. Vest.Mosk.un.Ser.8: Ekon.,
filos. 15 no.3:14-25 My-Je '60. (MIRA 13:6)
(Division of labor)

YEFREMOVA, Yu.N.

Organization of the work of a volunteer office of technological information at an industrial enterprise. NTI no.5:12-13 '65. (MIRA 18:7)

AUTHORS: Konstantinov, B. P., Yefremova, Z. N., Ryskin, G. Ya. SOV/57-58-8-22/37

TITLE: Expansion Coefficient Measurements of NaCl, LiF, KCl, and KBr by the Flotation Method (Izmereniye koeffitsiyentov rasshireniya NaCl, LiF, KCl, KBr flotatsionnym metodom)

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1958, ¹³Nr 8, pp 1740 - 1747 (USSR)

ABSTRACT: In this paper a detailed description is presented of the technique of measuring the expansion coefficients of salt crystals according to the flotation method. The application of floaters for the determination of the temperature coefficient of the density β of a fluid is suggested. This method is based upon the measurement of the temperature difference of the flotation of two floaters kept in the fluid to be investigated and in a control fluid, the β of which is known. The room temperature expansion coefficients γ_k of NaCl, KCl, KBr, LiF were measured. The reproducibility of the measurements is as high as 0.5 - 1%. This is in accordance with the estimation of the accuracy of this method presented by Konstantinov and Ryskin in reference 1. The measured values

Card 1/2

Expansion Coefficient Measurements of NaCl, LiF, KCl, and SO₇/57-58-8-22/37
KBr by the Flotation Method

of γ_k agree satisfactorily with most recent interferometric and X-ray analysis measurements of the expansion coefficients of the respective salts. There are 4 tables and 11 references, 2 of which are Soviet.

ASSOCIATION: Leningradskiy fiziko-tehnicheskiy institut AN SSSR (Leningrad Physical and Technical Institute, AS USSR)

SUBMITTED: October 11, 1957

Card 2/2

YEFREMOVICH, Boris Arsen'yevich, inzh.; ZHURAVSKIY, Vasilii Adamovich,
inzh.; ZOLOV, Mikhail Nikolayevich, inzh.; Prinsipal uchastiye:
VASIL'YEV, V.V., inzh.; SIDOROV, N.I., inzh., red.; BOBROVA,
Ye.N., tekhn.red.

[Overhead power and illumination lines at railroad terminals]
Vozdushnye silovye i osvetitel'nye linii zheleznodorozhnykh
stantsii. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 189 p.
(MIRA 12:9)

(Railroads--Stations) (Electric lines--Overhead)

ZOTOV, Mikhail Nikolayevich; YEFREMOVICH, Boris Arsent'yevich;
YERSHOV, Mikhail Vasil'yevich; BRONFIN, N.S., inzh.,
retsenzent; KLOCHKOV, V.I., inzh., retsenzent; KOROTKOV,
V.N., inzh., red.; KHITROVA, N.A., tekhn. red.

[Working principle and operation of automatic battery-
powered loaders] Ustroistvo i ekspluatatsiia akkumuliatornykh
avtopogruzchikov. Moskva, Vses. izdatel'sko-poligr. ob"edi-
nenie M-va putei soobshcheniia, 1962. 77 p. (MIRA 15:4)
(Loading and unloading--Equipment and supplies)

Math. Ann. 171 (1948) 113-114

A polyhedron (two dimensionally) is called locally regular if the number of angles in each face and the number at each vertex are constant. These numbers, m and μ , respectively, determine a "local type." In a preliminary paragraph the author investigates the local types which are possible on a manifold of given Euler characteristic. The lemma is stated that two polyhedra of the same local type possess a common covering surface.

A polyhedron is called completely regular if it admits automorphisms carrying an arbitrary face into any other in each of $2m$ distinct ways. It seems very likely that the polyhedra must be thought of as manifolds endowed with a hyperbolic, Euclidean, or elliptic metric; this is nowhere explicitly stated. It is shown that there are only a finite number of regular polyhedra lying on a given surface of nonvanishing characteristic; the infinitely many possible types belonging to the torus and the Klein surface are completely described. The principal tool is the character of a factor group appearing in a natural way in the covering surface (elliptic, Euclidean, or hyperbolic) associated with the polyhedron.

L. Zippin (Flushing, N. Y.)

Source: Mathematical Reviews, 1948, Vol 9, No. 3

Smw

YEFREMOVICH, V.

PA 17/49T73

USSR/Mathematics - Topology May/June 48
Mathematics - Geometry, Non-Euclidean

"Critical Reviews and Bibliographies" 6 pp

"Uspekhi Matemat Nauk" Vol III, No 3 (25)

Presents two book reviews: (1) V. Yefremovich re-views L. S. Pontryagin's "The Elements of Combinatorial Topology," and (2) I. M. Yaglom reviews E. Cartan's "The Geometry of Riemannian Spaces" (in French, published in Paris).

17/49T73

YEFREMOVICH, V. A.

Yefremovich, V. A. - "The topology of interweaving", Nauch.-issled. trudy (Mosk. tekstil. in-t), Vol. XI, 1948, p. 102-17.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 8, 1949).

YEFREMOVICH, V. A.

269

Efermovič, V. A. Nonequimorphism of Euclidean and Lobachevskii spaces. Uspehi Matem. Nauk (N.S.) 4, no. 3(30), 178 (1949). (Russian)

This is a brief report without definitions or proofs. Two differentiable manifolds M, M' are equimorphic if a topological mapping of M on M' exists which preserves infinitesimal closeness of subsets. For no n is the hyperbolic plane equimorphic to a subset of E^n , hence the n -dimensional hyperbolic space is not equimorphic to E^n .
H. Busemann (Los Angeles, Calif.)

Source: Mathematical Reviews,

Vol. 11 No. 3

Handwritten initials

YEFREMOVICH, V. A.

"Infinitesimal Spaces," Usp. Mat. Nauk Vol. 6 No. 4 (44), pp 193-220, 1951.

U-1635, 16 Jan 52

YEFREMOVICH, V.A.

Yefremovič, V. A. Infinitesimal spaces. *Doklady Akad. Nauk SSSR (N.S.)* 75, 341-343 (1951). (Russian)

The outlined program would be of great interest if carried out in detail. Unfortunately this note is still almost as vague as the earlier brief report [*Uspehi Matem. Nauk (N.S.)* 4, no. 3(30), 178 (1949); these Rev. 11, 195].

H. Busemann (Los Angeles, Calif.)

Source: Math

YEFREMOVICH, V A

Efreimovič, V. A. Invariant definition of topological product. Uspehi Matem. Nauk (N.S.) 7, no. 1(47), 159-161 (1952). (Russian)

200

The following definition is given (and shown to be equivalent with the usual one) of the topological product of spaces

X_α : a point $x = \{x_\alpha\}$ belongs to the closure of A if and only if, given arbitrary A_α such that $A = A_1 \cup \dots \cup A_n$, there exists A_α such that, for any α , x_α belongs to the closure of the projection of A into X_α .
M. Katětov (Prague).

Source: Mathematical Reviews,

Vol 13 No. 10

SMW
JSA

YEFREMOVICH, V. A.

PA 242T82

USSR/Mathematics - Pedagogy

Sep/Oct 52

"Third Mathematical Olympiad of Students of the City of Ivanov," V. A. Yefremovich

"Usp Matemat Nauk" Vol 7, No 5(51), pp 247-8

A total of 407 persons took part in this year's (20 Apr 52) competition, as compared with only 170 in 1951. Besides the increased interest, one noticed also enhanced quality of the works presented by the students, namely those of 7th to 10th classes. Example of problem posed: prove that in the Fibonacci series (1,1,2,3,5,..) every 12th term is divisible by 12. Gives the statistics of prizewinners.

242T82

YEFREMOVICH, V. A.

USSR/Mathematics - Geometry of Proximity Jul/Aug 52

"Geometry of Proximity. I," V.A. Yefremovich, Moscow

"Matemat Sbor" Vol XXXI (73), No 1, pp 189-200

Topology (analysis situs) and metrical geometry assume the most extreme poles in F. Klein's classification of geometrical sciences. Of the entire manifold of geometrical relations, topology retains only one, the relation of infinite proximity between set and point: in terms of metric space the point b is closed to set A (designated thus: $b \text{ d } A$) if the distance between them is zero. Defines the space of proximity, infinitesimal properties, and fundamental concepts relating to them. Also states the axioms governing a space of proximity, and indicates the mutual relationship between topology and Geometry of proximity. Submitted 13 Mar 52. See also V.A. Yefremovich, "Infinitesimal Spaces," Dok Ak Nauk SSR, Vol LXXVI No 3, 1951.

220784

Mathematical Reviews
Vol. 14 No. 11
Dec. 1953
Topology

✓ Smirnov, Yu. On proximity spaces in the sense of V. A. Efremovič. Doklady Akad. Nauk SSSR (N.S.) 84, 895-908 (1952). (Russian)

The author considers proximity spaces [cf., e.g., the paper reviewed above] and their relations with uniform spaces. Many results are given without proofs.

A proximity space (briefly, δ -space) R is called maximal if it is closed in any δ -space $S \supset R$. It is shown that a maximal δ -space is maximal if and only if it is compact (as a topological space); every δ -space may be imbedded (in an essentially unique way) in a maximal δ -space; if R is a given completely regular topological space, then there is a one-to-one correspondence between proximity structures on R compatible with its topology and compact spaces containing R topologically as a dense subset.

For a given δ -space R consider the collection (partially ordered in an obvious way) of all uniformities compatible with its proximity structure. It is stated that this collection has a minimum; if R is metrizable, it has a maximum. If such a maximal uniformity exists but does not admit of an extension onto a δ -space $S \supset R$, $S \neq R$, then R is called complete. It is stated that any δ -space for which there exists a maximal uniformity may be imbedded in a complete δ -space.

It is to be noted that Theorem 11 of the article is not correct (as pointed out by the author in another note [same Doklady (N.S.) 88, 761-764 (1953), last footnote on p. 762]).

M. Kalžou (Prague).

YEFREMOVICH, V. A.

Jul/Aug 53

USSR/Mathematics - Topology, Neighborhood

"Geometry of Neighborhoods, Uniform Geometry, and Topology," N. S. Ramm and A. S. Shvarts, Ivanovo State Pedagog Inst

Mat Sbor, Vol 33 (75), No 1, pp 157-180

Continuation of V. A. Yefremovich's work ("Non-equivalence of Euclidean and Lobachevskian Spaces," Usp Mat Nauk, Vol 4, No 2 (30), 1949). Demonstrated almost all of the results of Yu. M. Smirnov's work ("Spaces of Neighborhoods," Mat Sbor, Vol 31 (73), 1952) by other, often simpler, ways. Further, investigate the interconnection of a number of infinitesimal concepts with the concept of neighborhood permits one to simplify considerably the proof of the principal theorems of bicomact extensions. Presented 17 Sep 52.

~~EFREMOVIC~~, V. A.

Efremovič, V. A., and Svarc, A. S. A new definition of uniform spaces. Metrization of proximity spaces. Doklady Akad. Nauk SSSR (N.S.) 89, 393-396 (1953). (Russian)

62

It is shown that any equivalence relation defined for directed sets of points of a set R and satisfying certain simple axioms may be obtained from exactly one uniformity \mathfrak{B} on R in the following way: $\{x_\alpha\} \sim \{y_\alpha\}$ if and only if, for any $V \in \mathfrak{B}$, we have $(x_\alpha, y_\alpha) \in V$ for "large" α . In other words, uniform spaces may be defined in terms of equivalence of directed sets of points.

Let R be a proximity space (proximity relation denoted δ). Put $\{x_\alpha\} \sim \{y_\alpha\}$, where $\alpha \in A$, if, for any cofinal set $B \subset A$, $\{x_\alpha\}_{\alpha \in B} \delta \{y_\alpha\}_{\alpha \in B}$, where $\{x_\alpha\}_{\alpha \in B}$ denotes the set of all x_α , $\alpha \in B$. The relation \sim satisfies the axioms mentioned above. The following metrization theorem is proved. A proximity space R is metrizable if and only if (1) $P\delta Q$ implies the existence of $x_\alpha \in P$, $y_\alpha \in Q$ with $\{x_\alpha\} \sim \{y_\alpha\}$, (2) if V denotes the collection of all $V \subset R \times R$ such that $\{x_\alpha\} \sim \{y_\alpha\}$ implies $(x_\alpha, y_\alpha) \in V$ for almost all α , then V contains a cofinal (with respect to the inclusion order) countable subcollection. ①

M. Kaišlov (Prague).

YEFREMOVICH, V. A.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow,
Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.
Section of Topology 133-137

Reports of the following personalities are included:

Bokshteyn, M. F. (Moscow). On Nomologic Dimension of
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Gordon, I. I. (Gor'kiy). On Continuous Functions
Defined on Spheres. 133-134

Mention is made of Pontryagin, L. S.

There are 3 references, 2 of which are USSR, and 1 is English.

Yefremovich, V. A. (Ivanovo). Proximity Properties in
Manifolds. 134-135

Mention is made of Ramm, N. S., Shvarts, A. S., Khodova, R.,
Tikhomirova, E., Yarutkin, N. and Pontryagin, L.

Card 43/80

BOLTYANSKIY, V.G. (Moscow); YEFREMOVICH, V.A. (Ivanovo)

Outlining the basic ideas of topology. Mat. pros.no.2:3-34 '57.

(MIRA 11:7)

(Topology)

BOLTYANSKIY, V.G. (Moskva); YEFREMOVICH, V.A. (Ivanova)

Outlining the basic ideas of topology (continued). Mat. pros.
no.3:5-40 '58. (MIRA 11:9)

(Topology)

YE FREMOVICH, V. A.
p 2.

16(1)

PHASE I BOOK EXPLOITATION SOV/2508

Matematicheskoye prosveshcheniye; matematika, yeye prepodavaniye, prilozheniya i istoriya, vyp. 4 (Mathematical Education; Mathematics, Its Teaching, Application and History, Nr. 4) Moscow, Gostekhizdat, 1959. 15,000 copies printed.

Ed.: I.N. Bronshteyn; Editorial Board of Series: I.N. Bronshteyn, A.I. Markushevich, I.M. Yaglom; Tech. Ed.: S.N. Akhlamov.

PURPOSE: This book is intended for persons without an extensive mathematical education who are interested in trends in contemporary mathematics. The book may be useful to high school mathematics teachers.

COVERAGE: The book consists of articles, reviews, and scientific and methodological reports, some of which are translations from other languages. The state of modern mathematics is covered, including applications, history, teaching of mathematics in schools, and mathematical developments in the USSR and abroad. One section deals with scientific and pedagogical life in the

Card 1/8

Mathematical Education; (Cont)

SOV/2508

USSR and another contains reviews of certain mathematical publications. Some mathematical background is necessary to understand the book; certain articles require a knowledge of higher mathematics.

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AVAILABLE: Library of Congress

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LK/jb
11-18-59

YE FREMOVICH, V. A.

16(1) PHASE I BOOK EXPLOITATION SOV/2660

Vsesoyunnyy matematicheskiy s'ezd. 3rd, Moscow, 1956

Trudy. t. 4: Kratkoye soedrezhaniye sektiornykh dokladov. Doklady Inostrannykh uchenykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow. vol. 4: Summary of Sectional Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959. 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskii institut.

Rech. Ed.: G.M. Shevchenko; Editorial Board: A.A. Abramov, V.O. Bolt'yanskiy, A.M. Vasiliyev, B.V. Medvedev, A.D. Myshkis, S.M. Nikol'skiy (resp. Ed.), A.G. Postnikov, Yu. V. Prokhorov, K.A. Rybulkov, P. L. Uliyanov, V.A. Uspenskiy, M.G. Chetaev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first two volumes. The second part contains the text of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of the paper to the editor, the title of the paper is cited and, if the paper was published in a previous volume, reference is made to the appropriate volume. The titles, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, functional analysis, probability theory, topology, mathematical problems of mechanics and physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

~~Shest'yantsev, B.I. (Moscow). Erlang formulas in telephony with an arbitrary distribution law of the duration of conversation. 68~~

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Card 14/24

БОЛТЫНСКИЙ, В.С. (1900-1970); ПЕРМСКОЕ, К.А. (Москва)

Basic ideas of topology. Part 2: Combinatorial topology. Moscow, no. 4:27-52 '58. (SIR: 12:11)

(Translation)

BOLTYANSKIY, V.G. (Moskva); YEFREMOVICH, V.A. (Moskva)

Outline of the basic ideas of topology (conclusion). Mat. pros. no. 6:
107-138 '61. (MIRA 15:3)

(Topology)

YEFREMOVICH, V.A. (Moskva); LEVIN, V.I. (Moskva); MARKHASEV, G. (Klyaz'ma);
ONOFRASH, Ye. [Onofras, E.] (Yassy, Rumyniya); RYBAKOV, L.M. (Yaroslavl');
ZAGUSKIN, V.L. (Yaroslavl')

Brief notes. Mat. pros. no. 6:255-265 '61. (MIRA 15:3)
(Mathematics--Problems, exercises, etc.)

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