

BOZHKO, L.F., inzh.; ZAMANOV, Ya.D., inzh.

Assembly of the K-100-31 gantry crane. Energ. stroi. no.22:49-54  
'61. (MIRA 15:7)

1. Montazhnoye upravleniye "Kavkazenergmontazh".  
(Cranes, derricks, etc.)

PETROVA, Z.G.; BABAYEVA, A.A.; SADYKHOVA, S.A.; ZEYNALOVA, K.G.;  
MIRZOYEVA, O.I.; ZAMANOVA, E.Yu.

Study of the regularities in the process of copolymerization  
of divinylbenzenes with styrene using azolyat as an  
emulsifying agent. Azerb. khim. zhur. no.1:37-42 '64.  
(MIRA 17:5)

ZAMANOV A. E. YU

L 18952-65 EWT(m)/EPP(c)/EPR/EWP(J)/T Pc-Li/Pr-Li/Ps-Li RPL/ASD(m)-3 RM/  
WW

S/0316/64/000/001/0037/0042

ACCESSION NR: AP4049422

AUTHOR: Petrova, Z. G.; Babayeva, A. A.; Sadykhova, S. A.; Zeynalova, K. G.; Mirzoyeva, O. I.; Zamanova, E. Yu.

TITLE: A study of relationships governing the copolymerization of divinylbenzenes with styrene using the sodium salt of polyalkylbenzenesulfonic acid as an emulsifying agent

SOURCE: Azerbaydzhanskly khimicheskly zhurnal, no. 1, 1964, 37-42

TOPIC TAGS: copolymerization, emulsifier, polyalkylbenzenesulfonate, divinylbenzene copolymer, styrene copolymer, ion exchange resin, cumene hydroperoxide

ABSTRACT: This work is a continuation of earlier investigations on the adoption of polyalkylbenzenes used for alkylation in the production of high-molecular-weight compounds. The article presents the results of a study of the relationships governing the copolymerization of styrene with the technical-grade fraction of divinylbenzenes, the best ion-exchange resins being obtained from such copolymers. The copolymerization was carried out in the presence of cumene hydroperoxide as the initiator, and the sodium salt of polyalkylbenzenesulfonic acid as the emulsifier, developed at the INKHP under the supervision of M. A. Ashimov. The investigated factors affecting the copolymerization process were the temperature, Cord 172

L 18951-65

ACCESSION NR: AP4049422

the initiator and emulsifier concentration, and the duration of the experiment. The optimum values found were a temperature of 90C, a concentration of cumene hydroperoxide of 2%, a concentration of emulsifier of 0.5%, and a reaction time of 8 hrs. The highest yield of polymers was obtained at low concentrations of divinylbenzenes in the starting mixture. Orig. art. has: 3 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00

NO REF SOV: 004

OTHER: 000

Card 2/2

L 20737-66 EWP(k)/EWT(m)/T/EWA(d)/EWP(w)/EWP(t) JD/HW

ACC NR: AP6010133

SOURCE CODE: UR/0122/66/000/003/0067/0069

AUTHOR: Kats, R. Z. (Candidate of technical sciences); Zamanskaya, F. P. (Engineer); Gantse, M. V.; Khoroshko, V. P.; Kashkina, S. T.

ORG: none

TITLE: Explosive strengthening of G13L steel 36  
B

SOURCE: Vestnik mashinostroyeniya, no. 3, 1966, 67-69

TOPIC TAGS: high manganese steel, explosive strengthening, austenitic steel, steel strengthening / G13L steel

ABSTRACT: Explosive strengthening of G13L steel (0.9—1.4% C, 11.0—14.0% Mn, 0.4—1.0% Si, 0.2% Cr, 0.2% Ni) used for railroad frog-points has been investigated. Strengthening was done either by detonation of a charge placed directly on the frog-point or by impact of a plate activated by an explosion. In both methods the frog-point had to be coated with a layer of clay to prevent the formation of small surface cracks. The explosion had a considerable effect on the physical and mechanical properties. It reduced the dimensions of the tested articles and increased the tensile strength from 62.4—82.4 to 103.1—110 kg/mm<sup>2</sup>, and the yield strength from 39.0—45.4 to 83—99.0 kg/mm<sup>2</sup> at a satisfactory ductility. The surface hardness increased

Card 1/2

UDC: 621.787.044:669.15'74-194

L 20737-66

ACC NR: AP6010133

from 179—224 to about 302—450 HB. Along the depth, the hardness gradually decreased to the original value at a depth of 28 mm. Orig. art. has: 3 figures and 2 tables. [WW]

SUB CODE: 11/ SUBM DATE: none/ ATD PRESS: 4225

Card 2/2 *lb*

ADASKIN, Ye.M.; ZAMANSKAYA, R.I.

Colorimetric method of determining xylite. *Gidroliz. i  
lesokhim. prots.* 13 no.1:14-15 '60. (MIRA 13:5)

1. Nauchno-issledovatel'skiy inatitut gidroliznoy i sul'fitno-  
spirtovoy promyshlennosti.  
(Lignite)

ZAMANSKAYA, R.I.; MELEKHOVA, N.A.; MIKHEYEVA, G.F.

Xylitan as a heat carrier in the manufacture of rubber tubes with  
the continuous method. Kauch. i rez. 24 no.2:24-25 F '65.  
(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut biosinteza  
belkovykh veshchestv i Nauchno-issledovatel'skiy institut  
rezinovoy promyshlennosti.



ZAMANSKAYA, R.I.; LEYKIN, Ye.R.

Method for the quantitative determining of xylitol in commercial  
xylitan. Sbor.trud.NIIGS 12:195-198 '64.

(MIRA 18:3)

ZAMANSKIY, A.M., inzhener.

Experience adjusting automatic controls for boilers using  
two types of fuel. Energomashinostroenie 3 no.9:43-44 S '57.  
(MIRA 10:10)

(Boilers) (Automatic control)

PIVEN', Viktor Danilovich, doktor tekhn. nauk, prof.; BOGDANOV,  
Valentin Kirillovich; GANZHERLI, Emmanuil Il'ich;  
~~ZAMANSKIY, Abram Markovich~~; TROSHCHENKOV, I.I.,  
retsenzent; CHERKASOV, K.I., red.

[Automation of power generating systems] Avtomatizatsia  
energeticheskikh blokov. Pod obshchei red. V.D.Piven'.  
Moskva, Energiia, 1965. 351 p. (MIRA 19:1)

NAZAROVA, N.A., inzh.; ZAMANSKIY, B.N., inzh.; TOTOTEVA, L.D., inzh.

Protective coatings for valve and gate rods. Mashinostroenie  
no. 5:15-16 Mya 1965. (MIRA 18:6)

KARDASHOV, D.A.; ZAMANSKIY, I.M.

Synthetic adhesives for metal-bonding to metal. Plast.massy  
no.2:72-77 '63. (MIRA 16:2)

(Adhesives)

(Metals)

ZAMANSKIY, L. N.

235T34

USSR/Medicine - Healing of Wounds 21 Jul 52

"Effect of Urea on the Healing of Wounds in Its Capacity as an Agent Which Brings About Modification of the Structure of Proteins," L. N. Zamanskiy, A. I. Lopushanskiy, Chernovtsy State Med Inst

"Dok Ak Nauk SSSR" Vol 85, No 3, pp 665-668

Found on animal expts that urea expedites the healing of wounds. Ascribes this to denaturation of proteins produced by urea and a resulting weak irritation of nerve receptors, which enhances the trophic function exerted by the

235T34

central nervous system with respect to the site of the injury. Presented by Acad A. I. Abrikosov 2 Jun 52.

235T34

Translation by NIH in /M

ZAMANSKIY, L.N.; SIVER, P.Ya.

Nature of crystals in microbe cultures. Vop.med.khim. 4:264-266  
152. (MIRA 11:4)

1. Kafedra biologicheskoy khimii Chernovitskogo Gosmedinstituta.  
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)  
(CRYSTALS)

*ZAMANSKIY, L.N.*  
MOLOTKOVSKIY, G.Kh.; ZAMANSKIY, L.N.; LOPUSHANSKIY, P.I.; LOPUSHANSKIY, A.I.

Distribution of radioactive phosphorus ( $p^{32}$ ) in some plants as related to the phenomenon of polarity [with summary in English]. *Fiziol. rast.* 5 no.1:37-41 Ja-F '58. (MIRA 1F:1)

1. Chernovitskiy gosudarstvennyy universitet.  
(Phosphorus--Isotopes) (Polarity (Biology)) (Minerals in plants)



ZAMANSKIY, L.N.

USSR/Biology - Experimental morphology

Card 1/1 Pub. 22 - 46/47

Authors : Zamanskiy, L. N.; Lopushanskiy, A. I.; and Siver, P. Ya.

Title : Rejuvenation of albumina in a regenerating tissue under effect of urea investigated by means of methionine marked with S<sup>35</sup>

Periodical : Dok. AN SSSR 99/1, 177-179, Nov 1, 1954

Abstract : The study of albumina rejuvenation in regenerating tissues under the effect of urea by means of S<sup>35</sup> marked methionine, is described. Tables showing distribution and content of S<sup>35</sup> in the regenerating brain tissues of an animal, are included. Eleven references: 9-USSR and 2-USA (1939-1953). Tables.

Institution : State Medical Institute, Chernovtsy

Presented by : Academician A. D. Sveranskiy, July 12, 1954



ZAMANSKIY, L. N.

USSR/Medicine - Pharmacology, radiology

FD-2809

Card 1/1 17, 11/19

Author : Siver, P. Ya., Zamanskiy, L. N. and Lopushanskiy, A. I.

Title : Effect of certain vitamins on the absorption of  $I^{131}$  by the thyroid gland.

Periodical : Byul. eksp. biol. i med. 6, 43-45, June 1955

Abstract : Authors investigated the effect of vitamins, B<sub>1</sub>, B<sub>2</sub>, C and nicotinic acid on the absorption of iodine  $I^{131}$  by the thyroid glands of rabbits and white rats. Results of the experiments demonstrate that when the capacity of the gland to take up iodine is lowered during malfunction, added vitamins can increase this activity. No references are given. The results are presented on three charts.

Institution : Chair of Biological Chemistry (Head: Docent L. N. Zamanskiy)  
Chernovitsy Medical Institute (Dir: Docent N. B. Man'kovskiy)

Submitted : 10 Dec 1954



ZAMANSKIY, L. N.

✓ Distribution of *Micrococcus pyogenes* var. *aureus* labeled with phosphorus-32 in acute experimental sepsis in rabbits. F. Ya. Siver, D. K. Grechishkin, L. N. Zamanskiy, A. I. Lopysheevskiy, and E. V. Kapralova (Med. Inst., Chernovtsy, *Voprosy Med. Khim.* 2, No. 1, 29-31(1956)). — *M. pyogenes* var. *aureus* grown on culture medium contg.  $\text{NaH}_2\text{P}^{32}\text{O}_4$  was washed and injected into the marginal vein of rabbits' ears at  $10^8$  organisms/kg. of body wt. This caused the death within 2-5 hrs. of all rabbits; which were immediately autopsied and the concn. of radioactivity in various organs detd. Control rabbits were injected with a mixt. of *M. pyogenes* var. *aureus* with  $\text{NaH}_2\text{P}^{32}\text{O}_4$  and radioactivity was detd. and compared with that of exptl. animals. Lungs of the latter contained more than 10 times as much radioactivity as those of controls, but muscle, bone, heart, kidney, brain, and bone marrow of exptl. animals were less radioactive than those of controls; results were not definite in blood and liver.  
Cyrus C. Sturgis, Jr.

5

KOVALEV, M.M.; ZAMANSKIY, L.N.; YUKHIMETS, A.D.; SHVETS, A.S.; RUSNAK, I.K.

Pre- and postoperative oxidation-reduction processes in nodular  
endemic goiter. Probl. endok. i gorm. 10 no.5:37-40 S-0 '64.  
(MIRA 18:6)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. M.M. Kovalev) i  
kafedra biologicheskoy khimii (zav. - dotsent L.N. Zamanskiy)  
Chernovitskogo meditsinskogo instituta.

ZAKRIVIDOROHA, S.P. [Zakryvydoroha, S.P.]; ZAMANSKIY, L.N. [Zamans'ky, L.N.];  
LOPUSHANSKIY, A.I. [Lopushans'kyi, A.I.]; NEVSKAYA, T.L.  
[Nevs'ka, T.L.]; TARAKHOVSKIY, M.L. [Tarakhovs'kyi, M.L.]

Effect of bromine on the processes of exhaustion and recovery  
of the body. Fiziol. zhur. [Ukr.] 8 no.3:319-326 My-Je '62.  
(MIRA 15:6)

1. Kafedra farmakologii i biokhimi Chernovitskogo  
meditsinskogo instituta.

(BROMINE--PHYSIOLOGICAL EFFECT)  
(PHYSIOLOGY, EXPERIMENTAL)

ZAMANSKIY, L.N., KAPRALOVA, YE.V., KATS, B.I., LOFUSHANSKIY, A.I.,  
SIVER, P.YA., YUKHIMETS, A.D., ZHILA, YE.S. (USSR)

"Some Data on the Biochemistry of the Enhancement  
of Regeneration."

Report presented at the 5th Int'l. Biochemistry Congress,  
Moscow, 10-16 Aug 1961

ZAKRIVIDOROGA, S.P., prof.; ZAMANSKIY, L.N., dotsent

Effect of quinacrine on the concentration and distribution of radioisotopes in rabbit organs and tissues. Farm. i toks. 22 no.2:158-163 Mr-Ap '59. (MIRA 12:6)

1. Kafedra farmakologii (zav. - prof. S.P.Zakrividoroga) i biokhimi (zav. - dotsent L.N.Zamanskiy) Chernovitskogo meditsinskogo instituta.

(QUINACRINE, eff.

on radiophosphorus & radiosulfur metab. in rabbits (Rus))

(SULFUR, radioactive,

metab., eff. of quinacrine in rabbits (Rus))

(PHOSPHORUS, radioactive,

same)



ZAMANSKIY, L.N.

SSR / Pharmacology, Toxicology, Chemotherapeutic Agents

U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8101

Author : Zakrividoroga, S.P., Zamanskiy, L.N.

Inst :

Title : The Effect of Penicillin and Streptomycin on the Functional Activity of the Thyroid Gland

Orig Pub : Antibiotiki, 1956, 1, No 5, 40-42

Abstract : A study was made of the rate of accumulation of J 131 in the thyroid gland of normal rabbits, and in those that received 5,000 units per kg t.i.d. for 10 days of either penicillin or streptomycin. A NaJ solution with labeled J131 (4,000 imp/min) was introduced subcutaneously. The rate of accumulation of J 131 by the thyroid was determined from 20 min to 10 days after its injection. Penicillin and

Card : 1/2

... functional activity of the thyroid as affected by pent-  
... and L. N.

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... ..

ZAMANSKIY, L.H.

ZAKRIVIDOROGA, S.P.; ZAMANSKIY, L.H.

Effect of penicillin and streptomycin on thyroid function. [with summary in French, p.63]. Antibiotiki 1 no.5:40-42 S-0 (MLRA 10:2)

'56.

1. Kafedra farmakologii (zav. - prof. S.P.Zakrividoroga) i biolo gicheskey khimii (zav. - dotsent L.H.Zamanskiy) Chernovitskogo meditsinskogo instituta.

(THYROID GLAND, effect of drugs on, penicillin & streptomycin (Rus))

(PENICILLIN, effects, on thyroid gland (Rus))

(STREPTOMYCIN, effects, on thyroid gland (Rus))

*Zakrividoroza, S.P., Zamanskiy, L.N., Lofushanskiy, A.I., Sivner, P.Ya.*  
ZAKRIVIDOROGA, S.P.; ZAMANSKIY, L.N.; LOFUSHANSKIY, A.I.; SIVNER, P.Ya.

Distribution of thiamine in animals tissues during emaciation and in restoration of original weight. Biul. eksp. biol. i med. 42 no. 12:43-45 D '56. (MIRA 10:2)

1. Iz kafedr biologicheskoy khimii (sav. - dotsent L.N. Zamanskiy) i farmakologii (sav. - prof. S.P. Zakrividoroza) Chernovitskogo meditsinskogo instituta (dir. - dotsent M.M. Kovalev)

(VITAMIN B1, metabolism,

in exper. emaciation & restoration of original weight in animals (Rus))

(STARVATION, experimental,

vitamin B1 metab. in emaciated animals & in restoration of original weight (Rus))

ZAMANSKIY L.N.

ZHILA, Ye.S.; ZAMANSKIY, L.N.; LOPUSHANSKIY, A.I.

Distribution and elimination of  $S^{35}$  -labeled radioactive penicillin  
in rats and rabbits. Vrach.delo no.8:879 Ag '57. (MLRA 10:8)

1. Kafedra biokhimii (zav. - dotsent L.N.Zamanskiy) Chernovitskogo  
meditsinskogo instituta  
(PENICILLIN)

ZAMANSKIY, L.N.; LOPUSHANSKIY, A.I.; SIVER, P.Ya.; KAPRALOVA, Ye.V.

Effect of urea on the incorporation of inorganic phosphorus into  
regenerating tissue [with summary in English] Vop.med.khim. 2 no.5:  
346-349 S-O '56. (MLRA 9:12)

1. Kafedra biologicheskoy khimii Chernovitskogo meditsinskogo instituta  
(PHOSPHORUS, metabolism,  
regenerating tissue, eff. of urea on inclusion (Rus))  
(REGENERATION, metabolism in,  
phosphorus inclusion in regenerating tissue, eff. of urea  
(Rus))  
(UREA, effects,  
on regenerating tissue inclusion of phosphorus (Rus))

SIVER, P.Ya.; GRESHISHKIN, D.K.; ZAMANSKIY, L.N.; LOPUSHANSKIY, A.I.;  
KAPRALOVA, Ye.V.

Distribution of P32-labeled Staphylococcus aureus in acute  
experimental sepsis in rabbits. Vop.med.khim. 2 no.1:29-31 Ja-F '56.  
(MIRA 9:9)

1. Kafedra mikrobiologii, biokhimii i fakul'tetskoy khirurgii  
Chernovitskogo meditsinskogo instituta  
(MICROCOCCAL INFECTIONS, experimental,  
septicemia, distribution of radiophosphorus labeled staph.  
(Rus))  
(SEPTICEMIA AND BACTEREMIA, experimental,  
Staph. aureus, distribution of radiophosphorus labeled  
Staph. (Rus))

ZAKRIVIDOROGA, S.P.; ZAMANSKIY, L.N.; LOPUSHANSKIY, A.I.; NEVSKAYA, T.L.

Effect of penicillin on the dynamics of emaciation and recovery of the organism. Antibiotiki 3 no.2:45-51 Mr-Ap '58. (MIRA 12:11)

1. Kafedry farmakologii i biologicheskoy khimii Chernovitskogo meditsinskogo instituta.

(DEFICIENCY DISEASES, experimental,  
emaciation, eff. of penicillin in rabbits (Rus))  
(PENICILLIN, effects,  
on exper. emaciation in rabbits (Rus))



ZAMANSKIY, L. P.

USSR/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31447

Author : Zakrividoroga, S.P., Zamanskiy, L.P., Lopushanskiy, A.I.,  
Siver, P.Ya.

Inst : -

Title : Spread of Radioactive Thiamin in Tissues of Animals  
During Emaciation of Organism and during Restoration of  
the Original Weight.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1956, 42, No 12, 43-45

Abstract : A distinct degree of alimentary dystrophy was caused in rabbits; then some of the rabbits were fattened to their original weight, while another group of the animals continued to be fed without limitation for the course of 2 or 4 weeks. After this, radioactive thiamin was introduced to the rabbits hyperdermically and they were stopped up for 24 hours. In the healthy control animals (HCA), maximum radioactivity (PA) was found in the tissue of the

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USSR/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31447

kidneys, then (in decreasing order) in the tissue of the heart, liver, in the brain, lungs, muscles, and a minimum in the blood. In the starved rabbits, a sharp increase of RA was noted in the tissue of the liver, kidneys, lungs and muscles, and an insignificant increase in the brain and spleen. A distinct drop of RA was found in the tissue of the heart and marrow. After fattening to restoration of the original weight of the body, RA in all tissues was lower than in HCA. During further fattening an increase of RA was noted, it approached that observed in HCA. Daily excretion of radioactive thiamin in the urine one day after its introduction hyperdermically in HCA comprised 71.5% of the amount introduced, and in the starved animals 41.7%. In the starved animals, the presence is presumed of a vitamin insufficiency that, along with a greater accumulation of thiamin in the organs, conditions its lesser excretion in urine. During recovery from the condition of

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USSR/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31447

alimentary emaciation, full restoration of the metabolic processes does not take a long time.

Card 3/3

ZAMANSKIY, Mikhail Abramovich, dots.; SUD, Isaak Izrailevich,  
kand. tekhn. nauk; SULKHANISHVILI, Ivan Nikolayevich,  
kand. tekhn. nauk; TARASOV, Dmitriy Aleksandrovich, dots.;  
SHKOL'NIKOV, Bernard Markovich, kand. tekhn. nauk;  
SHTURMAN, Leonid Isayevich, kand. tekhn. nauk; STOTSKIY,  
L.R., kand. tekhn. nauk, dots., red.;

[Electric equipment for oil and gas fields] Elektrooboru-  
dovanie neftiannykh i gazovykh promyslov. Moskva, Izd-vo  
"Nedra," 1964. 303 p. (MIRA 17:7)

ZAMANSKIY, Mikhail Abramovich; RASTOVA, G.V., ved. red.; VORONOVA,  
V.V., tekhn. red.

[Fundamentals of electrical engineering in the petroleum  
and gas industry] Osnovy elektroenergetiki v nefiianoi i  
gazovoi promyshlennosti. Moskva, Gostoptekhizdat, 1963.  
167 p. (MIRA 17:2)

ZAMANSKIY, Mikhail Abramovich, dotsent; KULIZADE, Kezim Novruzovich, dotsent; MOVSESOV, Nerses Savadovich, inzh.; TARASOV, Dmitriy Aleksandrovich, dotsent; SHISHKIN, Oleg Petrovich, kand.tekhn.nauk; PARFENOV, A.I., dotsent, retsenzent; SVYATITSKAYA, K.P., vedushchiy red.; SHAKHMAYEVA, Ye.A., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Electric power supply and electric equipment of oil fields]  
Elektrosnabzhenie i elektrooborudovanie neftiannykh promyslov.  
Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry,  
1959. 476 p. (MIRA 13:2)

1. Zaveduyushchiy kafedroy elektrosnabzheniya i elektrooborudovaniya Groznenskogo neftyanogo instituta (for Parfenov).  
(Electric lines) (Oil fields--Equipment and supplies)

ZAMANSKIY, P. [Zamans'kiy, P.]; SHNAYDER, Ya.

New Year's feature story. Znan.ta pratsia no.1:28-30  
Ja '60. (MIRA 13:5)  
(Technology)

ISAYEV, L.; ZAMANSEIY, P. (g.Kiyev)

Scooters on the Dnieper. Voen.znan. 34 no.10:29-30 0 '58.  
(MIRA 11:12)

(Motorboat racing)



ZAMANSKIY, R.

Thinking about the future. Sov. profsoiuzy 7 no.12:33-34 Je '59.  
(MIRA 12:9)

1. Predsedatel' komiteta profsoyuza zheleznodorozhnogo tsakha metallur-  
gicheskogo zavoda im. Petrovskogo.  
(Railroads, Industrial)  
(Employees' representation in management)

1. ZAMANSKIY, S.
2. USSR (600)
4. Actors
7. High mastery of satire. Teatr 14 no.1. 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

DUBINSKIY, L.M.; ZAMANSKIY, S.M.; LOPATA, A.Ya.; MAH'KO, N.S.; REZNIK, N.D.; SKAFZHEVSKIY, R.A.; TERESHCHENKO, A.I.; KOSTENKO, G.F., red.; TARASINKEVICH, P.P., red.; KAPLINSKIY, L.A., red.; SCROKA, M.S., red.

[The multiple-spindle 1261M and 1262M automatic lathes and 1261P, and 1262P semiautomatic lathes; handbook on adjustment and servicing] Mnogoshpindel'nye tokarnye avtomaty 1261M, 1262M i poluavtomaty 12662P; rukovodstvo po naladke i obsluzhivaniu. Izd. 2. Pod red. G.F.Kostenko, P.P.Tarasinkovicha i L.A.Kaplinskogo. Moskva, Mashgiz, 1960. 170 p. (MIRA 15:11)  
(Lathes--Maintenance and repair)

KHAYMOVICH, Ye.M., otv.red.; GUL'KO, M.M., red.; ZASLAVSKIY, S.Sh., red.;  
LOPATA, A.Ya., red.; LYCH, N.M., red.; ORLIKOV, M.L., red.;  
FAYNERMAN, I.D., red.; KHARAGORGIYEV, S.I., red.; V retsenziro-  
vanii i redaktirovanii prinimali uchastiye: GREBEN', I.I.;  
ZAMANSKIY, S.M.; IVAKHNENKO, A.G.; MESEZHNIKOV, V.L.; MOSENKIS,  
M.G.; FAJBER, A.M.; SOROKA, M.S., red.isd-va.

[Mechanisation and automation in the machinery industry] Mekha-  
nizatsia i avtomatizatsia v mashinostroenii. Moskva, Gos.  
nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1959. 286 p.

(MIRA 12:8)

1. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy  
promyshlennosti. Kiyevskoye oblastnoye pravleniye.  
(Automation) (Machinery industry)

ZAMANSKIY, S.M.

TRYASUNOV, P.G.; ZAMANSKIY, S.M.

News in the construction of six-spindle automats and semiautomats.  
Stan. 1 instr. 26 no.2:1-5 Fe '55. (MLRA 8:6)  
(Machine tools) (Machinery, Automatic)

ZAMANSKIY, S.M.

TEPINKICHYEV, Vladimir Karpovich; ZAMANSKIY, S.M., inzhener, redaktor;  
LEUTA, V.I., redaktor izdatel'stva; BONDAR', H.P., kandidat  
tekhnicheskikh nauk, retsenzent; RUDENSKIY, Ya.V., tekhnicheskiy  
redaktor.

[Overload protectors of machine tools] Predokhranitel'nye ustroistva  
ot peregruzki stankov. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit.  
lit-ry, 1957. 137 p. (MLRA 10:6)  
(Automatic control) (Machine tools)

RUDINSKIY, Stepan Yakovlevich; ROZHNETSKIY, G.A., kand. tekhn. nauk,  
dots., retsenzent; ZAMANSKIY, S.M., inzh., red.; PILIPENKO,  
Yu.P., red.; GORNOSTAYPOL'SKAYA, H.S., tekhn. red.

[Machine tools; collected problems and laboratory work] Metal-  
lovezhushchie stanki; sbornik zadach i laboratonykh rabot. Mo-  
skva, Mashgiz, 1961. 380 p. (MIRA 15:3)  
(Machine tools)

ZAMANSKIY, L. N., LOPUSHANSKIY, A. I.

Urea

Effect of urea, as a causative factor in the modification of protein structure, on the healing of wounds. Dokl. AN SSSR 85 no. 3, 1952.

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



ZAMANSKIY, L. N., LOPUSHANSKIY, A. I.

Wounds

Effect of urea, as a causative factor in the modification of protein structure, on the healing of wounds. Dokl. AN SSSR 85 no. 3, 1952.

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

ZAMANSKIY, P. [Zamans'kiy, P.] (Zhdanov)

Loading cranes work at a pier. Znan. ta pratsia no.8:12-14 Ag '59.  
(MIRA 13:2)

(Zhdanov--Cargo handling)

ZAMANSKIY, Ya.L.; GUTYRYA, L.S.

Hypotension due to acute adrenocortical insufficiency in  
orthopedic practice. Eksper. khir. i anest. 9 no.3:78-79  
My-Jo '64. (MIRA 18:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut ortopedii i  
travmatologii (dir. - dotsent I.P. Alekseyenko, nauchnyy ruko-  
voditel' - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov),  
Kiyev.

10

Trends in the development of basic organic synthesis.  
I. K. Zamaryev. *Khimicheskaya Press*, 1945, No. 1,  
4-11.—A review devoted primarily to work done on the  
synthesis of hydrocarbons. M. Hoesch

COMMON ELEMENTS

PROCESSES AND PROPERTIES INDEX

MATERIALS INDEX

ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION

RESONANCE

RESONANCE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ZAMARARSKIY, V.M.

Fighting for the right to be called a "telecast station of communist labor." Vest. sviazi 22 no.7:29 JI '62. (MIRA 15:7)

1. Nachal'nik Krasnoyarskogo televizionnogo tsentra.  
(Krasnoyarsk—Television stations)

L 54600-55 ENT(1)/ENT(m)/ENP(1)/EEC-4/EEC(t)/I/ENP(t)/FCS(k)/ENP(b)  
EPC-1/FI/IA/1-4 NR/3D

ACCESSION NR: AP5006597

S/0142/64/007/006/0751/0756

AUTHOR: Zamareva, V. P.; Starovoytova, R. P.

TITLE: Concentrated excitation of a dielectric-coated metal cylinder. Part 2

SOURCE: IVUZ. Radiotekhnika. v. 7, no. 6, 1964, 751-756

TOPIC TAGS: antenna, cylindrical antenna  $\eta$   $\epsilon$

ABSTRACT: The theoretical problem of exciting a perfect-conductance dielectric-coated metal cylinder by a source (magnetic current ring) located either in the dielectric coating or outside, in the air, is considered. The effect of the source location on the efficiency  $\eta$  of surface-wave generation is investigated. The nature of variation of  $\eta$  depends on the radiated power: the source position that produces maximum  $\eta$  corresponds to a minimum radiation. For higher dielectric constants  $\epsilon$ , smaller exciter apertures can be used for producing sufficiently high  $\eta$ ; the higher  $\epsilon$ , the closer  $\eta$  comes to 100%. Thus, a

Card 1/2

L 54600-55

ACCESSION NR: AP5006597

concentrated source can very efficiently excite the surface waves if the source is placed at a definite distance from the metal surface for selected  $\epsilon$ ,  $\lambda$  and the dielectric-coating thickness. Orig. art. has: 4 figures and 25 formulas.

ASSOCIATION: none

SUBMITTED: 28Jun63

ENCL: 00

SUB-CODE: EC

NO REF SOV: 002

OTHER: 000

*lv*  
Card 2/2



BAKSHEYEV, I.I., BEREZHNOV, S.P., nauchnyy sotrudnik; MANAKOVA, T.P.,  
nauchnyy sotrudnik; ZAMARATSKAYA, K.I., nauchnyy sotrudnik

Ways for reducing the production cost of hydrolysis plants  
of the Krasnoyarsk Economic Council. Trudy VSNIPILesirev  
no.9:27-36 '64. (MIRA 18:11)

BAKSHYEV, I.I.; BERIZHNOV, S.P.; NESTEROV, A.G.; ZAMARATSKAYA, K.I.

Raw materials for hydrolysis plants as a second-class freight.  
Gidroliz. i lesokhim. prom. 16 no.5:26-28 '63. (MIRA 17:2)

1. Vostochno-Sibirskiy nauchno-issledovatel'skiy i proyektnyy  
institut lesnoy i dorevoobrabatyvayushchey promyshlennosti.

ZAMARATEKY, V.

PA 23/49120

USSI/Communications  
Telephones

Nov 48

"The Development of Communications in the Krasnoyarsk Kray," V. Zamaratskiy, Instr, Krasnoyarsk Kray Party Committee, 3/4 p

"Vest Svyazi - Pochta" No 11

Quotes figures showing volume of postal traffic in subject Kray. Describes progress made in telephone installation. Mentions names of inefficient workers.

FDB

23/49120

L 13291-66 EWP(m)/EWP(j) RM

ACC NR: AP6000324 (A) SOURCE CODE: UR/0286/65/000/021/0011/0011

INVENTOR: Zharkova, N. I.; Zamarayev, A. P.; Koroleva, Ye. S.

23  
B

ORG: none

TITLE: A method for preparation of a catalyst to produce vinyl benzene. Class 12, No. 175927

7,44,55

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 11.

TOPIC TAGS: vinyl plastic, polymerization catalyst, aromatic hydrocarbon

ABSTRACT: This Author's Certificate introduces a method for preparing a catalyst to produce vinyl benzene. Diethyl benzene is dehydrated by mixing and preforming the active components. The product yield is increased and a stable catalyst is produced by preparing it from two layers with the following composition: upper layer--68.3 %, 15 % magnesium oxide, 4.4 % copper oxide, 12.3 % sodium carbonate, lower layer--72.7 % iron oxide, 16 % magnesium oxide, 4.8 % copper oxide, 6.6 % potassium carbonate.

SUB CODE: 07/ SUBM DATE: 30Nov62/ ORIG REF: 000/ OTH REF: 000

Card 1/1

UDC: 66.097.3 : 547.538.1.07

2

KOMAROV, N.N.; OSTROVSKIY, I.Ye.; ZAMARAYEV, B.D.; ROZENBERG, A.D.

Application of geometric optics methods for field calculations in the presence of lead-in or raised wave guides with a great height of one of the corresponding points. Izv. vys. ucheb. zav.; radiofiz. 3 no.1:39-49 '60. (MIRA 13:12)

1. Institut radiofiziki i elektroniki AN USSR.  
(Wave guides)

L 16853-63

IWT(d)/BDS/EEC-2/ES(t)-2

AFTTC/ASD/ESD-3/APG

Pg-4/PI-4

RB

ACCESSION NR: AR3006324

S/0058/63/000/007/H029/H029

SOURCE: RZh. Fizika, Abs. 7Zh193

AUTHOR: Ostrovskiy, I. Ye.; Zamarayev, B. D.

TITLE: Magnitude of frequency shift in scattering of radio waves by the surface of the sea

CITED SOURCE: Sb. Radiookeanogr. issled. morsk. volneniya. Kiyev, AN USSR, 1962, 91-95

TOPIC TAGS: Radio wave propagation, scattering, frequency shift, sea surface

TRANSLATION: From the measured envelope function of a radio signal reflected from the surface of the sea, the distribution of the velocities of the elementary "retransmitters" is calculated on the assumption that the scattered signal is the sum of a large number of

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L 16853-63

ACCESSION NR: AR3006324

signals from such "retransmitters," which are independent and randomly located over the surface. An empirical formula is proposed to approximate this distribution in the form of a superposition of two normal distributions with identical dispersion and different average heights of the maxima. B. Zamarayev.

DATE ACQ: 15Aug63

SUB CODE: GE, PH

ENCL: 00

Card 2/2

69412

S/141/60/003/01/003/020  
E192/E482

9,9000

AUTHORS: Komarov, N.N., Ostrovskiy, I.Ye., Zamarayev, B.D. and Rozenberg, A.D.

TITLE: Application of the Methods of Geometric Optics to the Evaluation of the Field in the Presence of a Near-Water or Raised Wave Ducts, When One of the Communicating Stations is Situated at a Great Height

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, 1960, Vol 3, Nr 1, pp 39-49 (USSR)

ABSTRACT: An expression for the attenuation factor  $V_1(\xi, y)$  in the "illuminated" region, for the case of a hyperbolic M-curve, was derived in the work of V.A.Fok and others (Ref 2). The formula for  $V_1(\xi, y)$  is given on p 40. It is seen that the formula is dependent on the parameter  $\nu$ . By investigating the formula it is found that for  $\nu > 1$ , the expression for the attenuation factor is similar to the formula which is derived by using the methods of the geometric optics for a uniform atmosphere. The method is used to study the propagation of rays

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S/141/60/003/01/003/020  
E192/E482

Application of the Methods of Geometric Optics to the Evaluation of the Field in the Presence of a Near-Water or Raised Wave Ducts, When One of the Communicating Stations is Situated at a Great Height

through a laminary medium. This is shown in Fig 2; a beam issues from the source O at an angle  $\alpha$ ; OA shows the direction of the beam in the case of the standard refraction, while OB illustrates the passage of a beam of rays in a laminary atmosphere. For this case (see Fig 2) it is possible to write the following equations:

$$\rho_{CA} = W/d \alpha R_{CA} \rho_C, \rho_B = W/d \alpha R_b d \rho_b$$

where  $\rho_{CA}$  and  $\rho_B$  are energy densities at points A and B respectively (subscript C refers to the energy density in the standard atmosphere) and W is the energy in the beam which is determined by the angle  $d\alpha$ . First, the case of a medium consisting of 2 layers having thicknesses  $h_n$  and  $h_{n+1}$  and radii

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69112

S/141/60/003/01/003/020  
E192/E482

Application of the Methods of Geometric Optics to the Evaluation of the Field in the Presence of a Near-Water or Raised Wave Ducts, When One of the Communicating Stations is Situated at a Great Height

of curvature of the rays  $\rho_n$  and  $\rho_{n+1}$  is considered (see Fig 3). The case is described by Eq (1a). On the basis of this formula it is possible to derive a recurrence equation relating  $h_n, \rho_n, \alpha_n, r_n$  and  $\alpha_{n+1}$  (see Fig 3). The resulting formula for any  $n$  is

$$\sum \partial r_n / \partial \alpha_k$$

$$\frac{dP_B}{dP_{CA}} = \frac{\sin \alpha}{\sin \alpha_{CA}} \quad \frac{dR_B}{dR_{CA}} = \frac{n=k}{\partial R_{CA} / \partial \alpha_k} \quad \frac{\alpha_n + 1}{\alpha_{CA}}$$

The above results are employed to investigate a duct having a height of 54 m and  $\Delta M = 54$ . The wavelength of the propagated signal is 10 cm. The calculated results are illustrated in Fig 4. In this the function  $V_1$  is plotted against  $\xi = x - \sqrt{y}$  which represents

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69412

S/141/60/003/01/003/020  
E192/E482

Application of the Methods of Geometric Optics to the Evaluation of the Field in the Presence of a Near-Water or Raised Wave Ducts, When One of the Communicating Stations is Situated at a Great Height

the distance measured from the tangent point of the plane wave and the earth surface. The Curve 1 in Fig 4, refers to the standard refraction while Curve 2 is for the case of a near-water duct. From Fig 7, it is concluded that the wave duct has the following effect: (1) it increases the width of the first interference lobe and (2) the overall value of the field is slightly reduced due to the redistribution of the energy in space. Further results are shown in Fig 5 which illustrate the dependence of the distance  $G_0$  and the parameter  $\Delta S$  on  $\Delta M$ , wavelength  $\lambda$  and the height of the duct  $h_1$ ;  $G_0$  represents the distance between the tangent point of the wave and the radio horizon. The formulae derived earlier are also used to investigate the influence of inversions on the wave propagation. The results are illustrated in

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69412

S/141/60/003/01/003/020  
E192/E482

Application of the Methods of Geometric Optics to the Evaluation of the Field in the Presence of a Near-Water or Raised Wave Ducts, When One of the Communicating Stations is Situated at a Great Height

Fig 6 (Curves 1 and 2) and are found to be in good agreement with the experimental results. There are 7 figures and 2 Soviet references.

ASSOCIATION: Institut radiofiziki i elektroniki AN USSR  
(Institute of Radio-Physics and Electronics of  
the Academy of Sciences UkrSSR) 4

SUBMITTED: May 11, 1959

Card 5/5

VESHENEVSKIY, S.N.; SOLODUKHO, Ya.Yu.; TSALLAGOV, A.P.;  
ZAMARAYEV, B.S.; VOLKOV, A.P. (Moskva); NIKULIN, G.F.;  
LARKIN, A.P.

Exciter for electrical machines using thyristors. Elektri-  
chestvo no.2:74-77 F '64. (MIRA 17:3)

1. Gosudarstvennyy institut po proyektirovaniyu elektrooboru-  
dovaniya dlya tyazheloy promyshlennosti (for Veshenevskiy,  
Solodukho, TSallagov, Zamarayev). 2. Metallurgicheskoy zavod  
"Serp i molot" (for Nikulin, Larkin).

ZAMARAYEV, D. N.

"Reaction of the Blood Vessels to Pressure and Its Change in Them during Various Pathological Conditions of the Body," Terap. Arkhiv., 21, No. 2, 1949.

ZAMARAYEV, I. K.

AUTHORS: Tikhomirov, S. M., and Zamarayev, I. K., (Moscow) 74-11-1/7

TITLE: Progresses in Chemical Industry of the Soviet Union Since 40 Years (Uspekhi khimicheskoy promyshlennosti Sovetskogo Soyuza za 40 let).

PERIODICAL: Uspekhi Khimii, 1957, Vol. 26, Nr 11, pp. 1203 - 1229 (USSR).

ABSTRACT: The chemical industry of the USSR occupied the second place in world production. Already in 1955, the chemical total production exceeded 102 times that of 1913. It was established in planned economy on a rigorously scientific basis which was not the case in pre-revolutionary Russia. Then her industry depended mostly on foreign capital (approx. 84 mill. Ruble). Soon after the revolution the new government began to reconstruct the old chemical factories. The next step was to safeguard the supply with raw materials, and the reaction of scientific technical conditions. After that the construction of new factories began. Actually hundreds of chemists and chemical engineers leave now the Leningrad institute of chemistry and technology (in comparison with 25 to 30 in czarist Russia). Enclosed there are some statistical data on the development of the chemical industry: It increased during the fighting period from 1937 to 1945 for 1,6 times and from 1937 to 1947 altogether, for twice the preceding. 1955 shows (in spite of post-war damages) an

Card 1/2

Progresses in Chemical Industry of the Soviet Union Since 40 Years. 74-11-1/7

increase of 4 to 5 times. The production of  $H_2SO_4$  amounted to 3798000 tons in 1955, in comparison to 121000 tons in 1913, that of NaOH from 563,400 in 1955, against 55,100 in 1913. With respect to the production of synthetic caoutchouc the USSR occupies already the first place.

There are 34 Slavic references.

ASSOCIATION: USSR Ministry of Chemical Industry (Ministerstvo khimicheskoy promyshlennosti SSSR).

AVAILABLE: Library of Congress.

Card 2/2



ZAMARAYEV, I.K.; MEL'NIK, B.D.; KOSTANDOV, L.A.

Nikolai Mikhailovich Zhavoronkov; on his fiftieth birthday. Khim. nauka  
i prom. 3 no.4:521 '58. (MIRA 11:10)

(Zhavoronkov, Nikolai Mikhailovich, 1908)

ZAMARAYEV I. K.

AUTHOR: None Given

25-58-3-32/41

TITLE: From the Pages of Periodicals (Po stranitsam zhurnalov)

PERIODICAL: Nauka i Zhizn, 1958, Nr 3, p 71 (USSR)

ABSTRACT: 1) Reference is made to an article "The Success of the USSR Chemical Industry during 40 Years" written by S.M. Tikhomirov and I.K. Zamarayev, published in "Uspekhi Khimii", 1957, Nr 11.  
2) In an article published in "Vneshnyaya trgovlya" 1957, Nr 10 the author, O. Tereshchenko, gives interesting details concerning the development of the industry of detergents.  
3) The periodical "Khimicheskaya nauka i promyshlennost'", Nr 5, 1957, gives a review of the development of chemistry in the field of hormones of protein origin.  
4) In "Khimicheskaya promyshlennost'", Nr 7, 1957, M.I. Garbar describes the rise in production of plastics in the USSR.

AVAILABLE: Library of Congress

Card 1/1 1. Chemical industry-USSR 2. Detergents-Production 3. Plastics-Production

TIKHOMIROVA, N.N.; ZAMARAYEV, K.I.

Study of nitrogen-containing copper complexes by the electron  
paramagnetic resonance method. Zhur.strukt.khim. 4 no.2:  
224-230 Mr-Apr '63. (MIRA 16:5)

1. Institut khimicheskoy fiziki AN SSSR.  
(Copper compounds--Spectra) (Nitrogen compounds)

BERDNIKOV, V.M.; ZAMARAYEV, K.I.; PURMAL', A.P.

Anomalously high rate of exchange of ligands in solutions of copper  
(II) ammoniate complexes. Zhur.strukt.khim. 4 no.3:450-452 My-Je  
'63. (MIRA 16:6)

1. Institut khimicheskoy fiziki AN SSSR.  
(Copper compounds) (Ammonia)  
(Electron paramagnetic resonance and relaxation)

TIKHOMIROVA, N.N.; ZAMARAYEV, K.I.; BERDNIKOV, V.M.

Electron paramagnetic resonance studies of copper-ammonia solutions.  
Zhur.strukt,khim. 4 no.3:449-450 Ky-Je '63. (MIRA 16:6)

1. Institut khimicheskoy fiziki AN SSSR.  
(Copper compounds--Spectra) (Ammonia)

ZAMARAYEV, K.I.; TIKHOMIROVA, N.N.

Study of copper compounds with triethanolamine in aqueous solutions by the electron paramagnetic resonance method.  
Izv. AN SSSR. Ser. khim. no.4:753-755 '65. (MIRA 18:5)

1. Institut khimicheskoy fiziki AN SSSR.

ZAMARAYEV, K.I.; TIKHOMIROVA, N.N.

Influence of the dipole-dipole superfine interactions on the  
electron paramagnetic resonance spectra of paramagnetic ions  
in solutions. Zhur. strukt. khim. 5 no.4:621-623 Ag '64.  
(MIRA 18:3)

1. Institut khimicheskoy fiziki AN SSSR.

BERDNIKOV, V.M.; ZAMARAYEV, K.I.

Nuclear magnetic resonance and electron paramagnetic resonance study of electronic exchange interactions in aqueous solutions of copper amminates. Dokl. AN SSSR 160 no.5:1108-1110 F '65.  
(MIRA 18:2)

1. Institut khimicheskoy fiziki AN SSSR. Submitted August 7, 1964.



ZAMARAYEV, K.I.; TIKHOMIROVA, N.N.

Study of aqueous solutions of copper ammoniates by the method  
of electron paramagnetic resonance. Zhur. strukt. khim. 5 no.5:  
691-696 S-O '64 (MIRA 18:1)

1. Institut khimicheskoy fiziki AN SSSR.

TIKHOMIROV, N.N.; ZAMARAYEV, K.I.

"Nuclear magnetic resonance study of the copper complexes in solutions."

Report presented at the Spectroscopicum, 11th Intl. ~~Colloq~~, *Colloq.*  
Belgrade, Yug, 30 Sep - 4 Oct 63.

ZAMARAYEV, N.N., red.; FLORENTSEVA, L.S., otv. za vypusk; DARNAYEVA, M.O., red.

[National economy of the Buryat A.S.S.R.; statistical abstract] Narodnoe khoziaistvo Buriatskoi ASSR; statisticheskii sbornik. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1963. 239 p. (MIRA 17:2)

1. Buriat, Mongolian A.S.S.R. Statisticheskoye upravleniye.
2. Nachal'nik Statisticheskogo upravleniya Buryatskoy ASSR (for Zamarayev).

1. ЗАПРАВКА, 3. Eng.
2. USSR (600)
4. Creameries - Apparatus and Supplies
7. Capacity of the steam boiler is insufficient, Moloch. prom. 14 No. 4, 1953.

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

ZAMARAYEV, S.M.; SAVINSKIY, K.A.; MANDEL'BAUM, M.M.

Tectonics of the southern part of the Siberian Platform and trends in oil prospecting. Sov. geol. 6 no.5:38-50 My '63.  
(MIRA 16:6)

1. Vostsibneftegeofizika.  
(Siberian Platform--Geology, Structural)  
(Siberian Platform--Prospecting)

ZAMARAYEV, S.M.

Series of the Aldan stage in lower Cambrian sediments of the southern Siberian Platform. Geol. i geofiz. no.2:77-82 '61. (MIRA 14:5)

1. Vostochno-Sibirskaya neftegeofizicheskaya kontora, Irkutsk.  
(Siberian Platform—Geology, Stratigraphic)

ZAMARAYEV, S.M.

Characteristics of the Mesozoic volcanism in the Borgoy Depression.  
Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1:43-54 '58.

(MIRA 14:5)

1. Vostochno-Sibirskiy geologo-razvedochnyy trest  
"Vostsibneftegeologiya."  
(Borgoy Valley--Rocks, Igneous)

ANSIMOV, K.N.; ZAMAHAYEV, S.M.

Role of faults in the structure of the Irkutsk amphitheater.  
Geol. i geofiz. no.8:23-28 '60. (MIRA 14:2)

1. Irkutskoye geologicheskoye upravleniye, Irkutskiy gornyy institut.  
(Irkutsk Province--Faults (Geology))



ZAMARAYEV, S.M.; KUZNETSOV, G.A.; TSOBIN, V.A.

Large flexure in the southern Irkutsk amphitheater. Geol.1  
geofiz. no.1:42-54 '62. (MIRA 15:4)

1. Irkutskoye geologicheskoye upravleniye.  
(Irkutsk Province--Geology, Structural)

ZAMARAYEV, S.M.

Tectonics and the history of the geological development of the  
southeastern Siberian Platform. Geofiz. issl. i probl. neftegaz.  
iuga Sib. plat. no.2:128-193 '62. (MIRA 15:8)  
(Siberian Platform--Geology)

ZAMARAYEV, S. M., Cand Geol-Min Sci -- (diss) "Geology of the Borgeyskaya Depression. (Western Zabaykal'e)." Irkutsk, 1960. 22 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Irkutsk State Univ im A. A. Zhdanov); 150 copies; price not given; (KL, 25-60, 128)

ZAMARAYEV, S.M.

Principle elements of the Pre-Cambrian and lower Paleozoic structure  
in the southeastern Siberian Platform. Geol. i geofiz. no.11:30-39  
'61. (MIRA 15:2)

1. Vostochno-Sibirskaya geofizicheskaya kontora Irkutskogo  
geologicheskogo upravleniya.  
(Siberian Platform--Folds (Geology))

ZAMARAYEV, S.M.

3(5) SOV/2219

PHASE I BOOK EXPLOITATION

RSPSR. Glavnoye upravleniye geologii i obratnyye nedra  
 Geologiya i neftegazonosnost' Vostochnoy Sibiri (Geology and Oil- and  
 Gas-bearing Possibilities of Eastern Siberia) Moscow, Gosstap-  
 tekhnizdat, 1959. 486 p. 1,650 copies printed.  
 Additional Sponsoring Agency: Vostochno-Sibirskiy neftegeologicheskii  
 trest.

Ed.: V.G. Vasil'yev; Executive Ed.: Ye.G. Parshina; Tech. Ed.:  
 I.G. Fedotova.

PURPOSE: The book is intended for geologists interested in the  
 stratigraphy, lithology, tectonics, and the oil- and gas-bearing  
 possibilities of the Eastern Siberian platform and Zabaykalye.  
 COMMENTS: This collection of articles contains materials on the stra-  
 tigraphic classification and lithologic characteristics of sediments  
 of the Cambrian system and of the so-called "mountain beds" devel-  
 oped along the northern slope of the Eastern Sayan Mountains and  
 the western littoral of Lake Baykal. Extensive information on the  
 petrography and paleontology of these deposits is presented. A  
 number of articles deal with the tectonics of the southern part of  
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 of the Baykal-type depressions. There are 10 tables, 74 figures,  
 and 4 charts. There are 205 Soviet references.

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YANSHIN, A.L., akademik, otv. red.; ZHARKOV, M.A., kand. geol.-  
min. nauk, red.; ZAMARAYEV, S.M., kand. geol.-miner.  
nauk, red.; ODINTSOV, M.M., red.; PINNEKER, Ye.V., kand.  
geol.-miner. nauk, red.; MOSSAKOVSKIY, A.A., red.

[Tectonics of the southern part of the Siberian Platform  
and prospects for finding potassium in it] Tektonika iuga  
Sibirskoi platformy i perspektivy ee kalienosnosti. Moskva,  
Nauka, 1965. 177 p. (MIRA 18:11)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut  
zemnoy kory. 2. Chlen-korrespondent AN SSSR (for Odintsov).

ZAMARAYEV, S.M.

Basic stages and principal elements of the structure of the southern  
part of the Siberian Platform. Geol. i geofiz. no.2:73-82 '65.  
(MIRA 18:9)

1. Irkutskoye geologicheskoye upravleniye.

ZAMARAYEV, V. (Kiyevskaya obl.)

Constantly working with people. Pozh.delo 9 no.3:27 Mr '63. (MIRA 16:4)  
(Kiev Province—Fire prevention—Study and teaching)



ZAMARAYEV, V.A.

Raising the technological level of structural designing  
of industrial enterprises. Prom. stroi. 41 no.11:2-5 N '63.  
(MIRA 17:2)

ZAMARAYEV, V.A.

Increasing the efficiency of capital investments in industrial  
construction. Biul. stroi. tekhn. 18 no.10:4-6 0 '61.  
(MIRA 17:3)

1. Nachal'nik Glavnogo upravleniya proyektnyy organizatsiy pri  
Gosstroye SSSR.

ZAMARAYEV, V.A.

Using precast concrete in rural construction. Bet. 1 zhal.-bet. no.4:  
122-128 JI '55. (MIRA 8:9)

1. Chlen kollegii Ministerstva gorodskogo i sel'skogo stroitel'stva  
SSSR. (Precast concrete construction) (Farm buildings)

ZAMARAYEV, V.A.

Principles for developing standard designs in member-countries of  
the Mutual Economic Assistance Council. Prom.stroi. 42 no.11:2-5  
N '64. (MIRA 18:8)