

KRINETSKIY, Ivan Ivanovich [Krynets'kyi, I.I.]; NIMCHUNOVA, O.O.,  
red.; SHAFETA, S.M., tekhn. red.

[The ABC's of automatic control]Azbuka avtomatyky. Kyiv, Derzh-  
tekhvydav URSR, 1962. 101 p. (MIRA 16:1)  
(Automatic control)

KRINETSKIY, Ivan Ivanovich; NEMCHUKOVA, O.A., red.; KIVONUCHKO, P.F.,  
tekhn. red.

[Design of nonlinear automatic control systems]Raschet neli-  
neinykh avtomaticheskikh sistem. Kiev, Gostekhizdat USSR,  
1962. 224 p. (MIRA 15:10)  
(Automatic control)

KRINETSKIY, Ivan Ivanovich, kand. tekhn. nauk; MORDVINOVA, N.P., inzh.,  
ved. red.; SMIRNOV, P.V., inzh., red.; SOKINA, T.M., tekhn.  
red.

[Stand for testing electrical automatic angular velocity controllers]  
Stend dlja issypanija avtomaticheskikh regulatorov skorosti  
vrashchenija elektricheskogo tipa. Moskva, Filial Vses.in-ta  
nauchn. i tekhn. informatsii, 1958. 10 p. (Perevod nauchno-  
tekhnicheskii i proizvodstvennyi opyt. Tema 42. No.P-58-71/8)  
(MIRA 16:2)

(Automatic control)  
(Electric controllers--Testing)

KRINETSKIY, Ivan Ivanovich [Krynets'kyi, I.I.], doktor tekhn.  
nauk; TAURIT, G.Ye., inzh., ratsenzent

[A.B.C!... of automatic control] Azbuka avtomatyky. Kyiv,  
Tekhnika] 1964. 221 p. (MIRA 18:2)

FOKIN, A.V.; KRINETSKIY, I.I.

Some general problems of the Invariance theory. Avtom., upr. i vych. tekhn,  
no. 6:175-182 '64.  
(MIRA 17:10)

KRINETSKIY, I.I., doktor tekhn. nauk; KUTOV, V.I., doktor tekhn. nauk, prof., retsenzent

[Control of internal combustion engines] Regulirovaniye dvigatelei vnutrennego sgoraniya. Izd.2., perer. i dop. Moskva, Mashinostroenie, 1965. 263 p. (MIRA 18:4)

KRINETSKYI, Ivan Ivanovich [Krynets'kyi, I.I.]; STOCHNIY, A.O.  
[Stohnii, A.O.], kand. fiz.-mat. nauk, retsenzent

[Man and the cybernetic machine] Ljudyna i kibernetichyi  
avtomat. Kyiv, Tekhnika, 1965. 84 p. (MIRA 18:9)

KRINETSKIY, I.I.; VINOGRADOV, A.A.

Dynamic characteristics of the 7DKRN 74/160 main ship's  
engine. Sudostroenie no. 11:45-48 N '65 (MTRA 19:1)

KRINETSKIY, I.I., doktor tekhn. nauk; ORLOV, L.A.

Hydraulic speed governor for marine diesels. Trudy TSNIIMF  
no. 62:74-81 '65. (MIRA 18:12)

ACC NR: AR6022394 (N)

SOURCE CODE: UR/0398/66/000/001/V010/V010

AUTHOR: Krinetskiy, I. I.; Orlov, L. A.

TITLE: Hydraulic speed governor for a marine diesel

SOURCE: Ref. zh. Vodnyy transport, Abs. 3V78

REF SOURCE: Tr. Tsentr. n.-i. in-ta morsk. flota, vyp. 62, 1965, 74-81

TOPIC TAGS: internal combustion engine component, marine engine, diesel engine, marine engineering, mechanical engineering, speed regulator, ~~propulsion research~~, ~~sensitivity~~, engine reliability, hydraulic device

ABSTRACT: Hydraulic governors (GR) are divided into two groups: hydrostatic or volumetric, and hydrodynamic or centrifugal. The principle of operation of the first group is considered in the Nastenko governor design. All types of GR have deficiencies of varying degrees of seriousness; instability, the dependence of the governor adjustment on the temperature, or on the viscosity of the working fluid. Instability of the GR in the first group is 15-20%, which is the primary obstacle to their widespread use. The faculty of the OVIMU [Odessa Higher Marine Engineering School] has developed a design and conducted theoretical research on an indirect acting GR with a loaded centrifugal sensitive element for high-powered marine

Card 1/2

UDC: 621.438-522

ACC NR: AR6022394

diesels. The design of this governor is described. Characteristics of GR statics, the system of differential equations for the dynamics of automatic governing of operation, the stability, and quality of governing, are reviewed. The desirability of further development of the design, and the creation of an experimental installation, is noted. 6 figures. S. Korzh. [Translation of abstract].

SUB CODE: 13

Card 2/2

ACC NR: AT7002852

(N)

SOURCE CODE: UR/3239/66/000/003/0047/0055

AUTHORS: Krinetskiy, I. I.; Orlov, L. A.

ORG: none

TITLE: A study of an indirect action rpm regulator

SOURCE: Nikolayev. Korabestroitel'nyy institut. Sudostroyeniye i morskoye sooruzheniya, no. 3, 1966. Sudovyye energeticheskiye ustavovki (Ship power equipment), 47-55

TOPIC TAGS: speed regulator, engine control system, model, automatic control system, centrifugal force, diesel, hydraulic device/ MN-7 electronic model device, 7DKRN 74-160 diesel

ABSTRACT: An indirect action hydraulic regulator with a flyweight centrifugal sensing element was developed, studied, and tested by the Odessa Advanced Marine Engineering College (Odesskogo vysshego inzhenernogo morskogo uchilishcha). Although designed for high power marine diesels, it is also usable on steam and gas turbines, AC and DC shaft generators, and on other similar equipment. The centrifugal force on the weight is balanced by the pressure of the fluid in the casing and is proportional to the square of the rotor angular velocity. The control action is accomplished by a linkage from the regulator piston to the fuel feed. The speed is

Card 1/2

ACC NR: AT7002852

set by varying the tension on the regulator spring. This regulator has all the advantages of a mechanical regulator plus additional stability which results from the following features: the restoring force is linear; the unbalance is a function only of the regulated speed and varies more slowly; the periodic movement of the weight rotating around the horizontal axis creates periodic hydraulic pulses, reducing the regulator insensitivity to zero. The dynamics of the system is analyzed with the differential equations of the components, and typical values for the diesel 7DKRN 74/160 are given. The transient process in this nonlinear system is studied by generating a harmonic linearization of the nonlinear elements of the system and by applying a Laplace transformation with zero initial conditions. The static and dynamic characteristics, as revealed by both theoretical studies and tests on the electronic model device MN-7, show that the regulator is suitable for wide application. Orig. art. has: 7 figures and 15 formulas.

SUB CODE: 13, 21/ SUBM DATE: none/ ORIG REF: 006

Card 2/2

KRINDACH, N.I.; SOBOLEV, N.N.; TUNITSKIY, L.N.

Determination of the electron transition moments of the Schumann-  
Runge bands of the oxygen molecule. Part 3. Opt. i spektr. 15  
no.5:601-608 N '63. (MIRA 16:12)

KRINGS, A.

Photoelastic measurements by means of the special artificial resin VP 1417 as modeling material.

p. 105 (Chemicky Prumysl. Vol. 7, no. 2, Feb. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

OL'KHOVSKIY, I.A.; ZVEREV, V.S.; KRINICHANSKAYA, L.A.; Prinimali uchastiye:  
BUNIM, L.L.; TAINKIN, A.S.; RUDNITSKIY, B.I.

Increasing the resistance of firebox hearths in steam boilers  
with liquid slag removal. Osnupory 30 no.12:16-19 '65.  
(MIRA 18:12)

1. Krasnodarskiy filial Nauchno-issledovatel'skogo instituta po  
montazhnym i spetsial'nym stroitel'nym rabotam (for Ol'khovskiy,  
Zverev, Krinichanskaya).

KRINICHNYY, G.G.; LUKINA, E.F.

Preparation of essential oil from dill. Masl.-zhir.prom. 27  
no.3:42-43 Mr '61. (MIRA 14:3)

1. Zolotonoshevskiy myatnyy zavod.  
(Essences and essential oils) (Dill)

KRINICHNYY, G.

Essential dill oil. Obshchest.pit. no.3:25 Mr '62. (MIRA 15:4)

1. Zaveduyushchiy laboratoriyy Zolotonoshskogo myatnogo savoda.  
(Essenses and essential oils) (Dill)

KRINICHNYY, G.G. [Krynyshnyi, H.H.]

Dill essential oil. Khar.prom. no.3:31-32 Jl-S '62.  
(MIRA 15:8)

1. Zolotonoskiy myatnyy zavod.  
(Essences and essential oils) (Dill)

KRINICHNYY, G.G.

Processing of dill. Masl.-zhir.prom. 28 no. 3140-41 Mr 162.  
(MIRA 15:4)

1. Zolotonoskiy myatnyy zavod.  
(Dill) (Essences and essential oils)

KRIMICHNYY, M.

In the Sava Valley. Vokrug sveta no.8:29-32 Ag'55. (MLRA 8:12)  
(Sava Valley--Description and travel)

KRINICHNYY, P.N.

X-ray therapy of furuncles and carbuncles in persons working  
in dusty air. Vest. rent. 1 red. 38 no. 6:65-66 N.D '63.  
(MIRA 17:6)

KRINICHNYY, Ya. P.

KRINICHNYY, Ya. P.

Bees - Diseases

How I treat foul brood. Pchelovedstvo, 29,  
No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 2, 1953, Unclassified.

AT EDITION: APSOO8154 TD/WW/JW  
AT THE: Voronin, V. I.; Zolotukhin, M. V.; Andreyev, N. I.; Brinik, V. S.  
Serebrennikov, V. N.

An oxygen gasifier for prolonged maintenance of the oxygen under pressure. Class 17, No. 168735

'Pyulesten' Izobreteniya i tovarnykh znakov, no. 5, 1955, 12

Liquid oxygen, pressure regulation, flow control

This Author Certificate presents an oxygen classifier for prolonged preservation of liquid oxygen under pressure. It consists of a double-walled vessel with thermal insulation and systems for classification and temperature regulation. To avoid overheating the liquid oxygen at the walls of the vessel and to prevent premature evaporation, thermal shields with low thermal resistance are placed in the inner cavity (see Fig. 1) of the classifier. (Fig. art. test.)

SEARCHED  
SERIALIZED FILED  
SUBMITTED: 18 May 63

ENCL: (b)

- 4 - E. T. F., TD

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826510008-1"

ROZANTSEV, E.G.; KRINITSKAYA, L.A.; ROZYNOV, B.V.

Thermooxidizing degradation of polypropylene in the presence  
of boric acid esters. Plast. massy no.11:46-48 '63.  
(MIRA 16:12)

ACCESSION NR: AP4031443

S/0064/64/000/003/0180/0183

AUTHORS: Rozantsev, E.I.; Krinitskaya, L.A.; Troitskaya, L.S.

TITLE: The use of boric acid ethers as antioxidants for polymeric materials

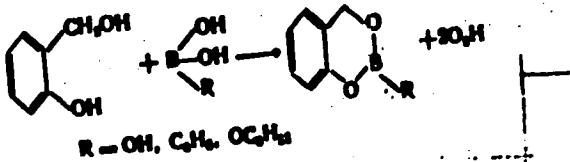
SOURCE: Khimicheskaya promyshlennost', no. 3, 1964, 180-183

TOPIC TAGS: boric acid ether, aliphatic aromatic diol borate, antioxidant, polymer antioxidant, synthesis, thermal oxidation inhibitor, isotactic polypropylene, salicylalcohol acid borate, salicylalcohol phenyl borate, thiobisalkylphenol acid borate, thiobisalkylphenol phenyl borate, UV spectrum, oxidation induction period, synergism, free radical inhibitor, volatility, antioxidant stability, toxicity,

ABSTRACT: Several boric acid ethers were synthesized and investigated as inhibitors of thermal oxidation of isotactic polypropylene. The acid borates and phenyl borates of aliphatic-aromatic diols were prepared by heating the diol and boric acid or phenylboric acid in benzene or toluene according to the reaction:

Card 1/3

ACCESSION NR: AP4031443

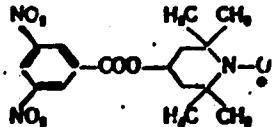


The acid borates and phenylborates of salicylalcohol and of 2,2'-thio-bis-[4-methyl-6-tert.butyl] phenol and the salicylalcohol borate-cyclohexanol reaction product were synthesized and characterized. All were colorless crystalline materials; all were reasonably stable except the last product which hydrolysed to the component borate of salicylalcohol and cyclohexanol. The u.v. spectra of these compounds have a maxima in the 270-290 millimicron region.

Card 2/3

ACCESSION NR: AP4031443

When tested as oxidation induction inhibitors for isotactic polypropylene at 200°C, the borate and phenylborate of 2,2'-thio-bis[4-methyl-6-tert.butyl] phenol were the most effective. The phenylborate of salicylalcohol showed synergistic effects when used in combination with a free radical inhibitor of the type:



These boric acid ethers compared with phosphorous acid ethers as antioxidants; but are reportedly more stable at high temperatures, exhibit low volatility and toxicity, are compatible with polymers and soluble in organic solvents. Orig. art. has: 8 figures, 3 equations and 2 formulae.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: OC  
Cord 3/3

NR REF Sov: 003

OTHER: 008

EPF(c)/EMT(m)/EMP(j) PC-4/IR-1 45L 100' 100%

MISSION NR: AP4044712.

S 0362 647556 00 1553 1553

A. V. Shapiro, Rozantsev, E. G., Krinitzskaya, L. A.

Title: The free aminoxy radical in the Meerwein-Ponndorff reaction

Author: AN SSSR, Izvestiya Seriya khimicheskaya, no. 3, 1964, 1503

Keywords: Meerwein-Ponndorff reaction, free aminoxy radical, carbonyl reaction, paramagnetic alcohol, diamagnetic compound

Abstract: The carbonyl derivatives of free aminoxy radicals were prepared, with participation of the free valence, to the corresponding paramagnetic products by the Meerwein-Ponndorff reaction. (Previous work by E. G. Rozantsev and A. V. Shapiro (Izv. AN SSSR, Ser. khim. 1964, 1138) had shown the free aminoxy radical readily adds hydrogen at the free valence to form the corresponding diamagnetic products). Free 2,2,5,5-tetramethyl-3-oxo-pyrrolidine-1-oxyl was treated with aluminum isopropylate to the free 2,2,5,5-tetramethyl-3-hydroxy-pyrrolidine-1-oxyl, melting 125.5-126C (from hexane), in 80% yield. The

20000714-05

SESSION NR: AP4044712

... could not be obtained by catalytic oxidation of 2,2,5,5-tetramethyl-3-  
isopropylidene... Orig. art. has 1 equation

ASSOCIATION: Institut khimicheskoy fiziki Akademii nauk SSSR (Institute of  
Chemical Physics Academy of Sciences SSSR)

SUBMITTED 21 May 64

ENCL. 00

SUB CODE: GC

NO REF Sov: 001

OTHER: 000

KRINITSKAYA, L.A.; ROZANTSEV, E.G.; NEYMAN, M.B.

Synthesis of free iminooxyl radicals of hydrogenated pyrrole.

Izv. AN SSSR Ser. khim. no.1:115-118 '65.

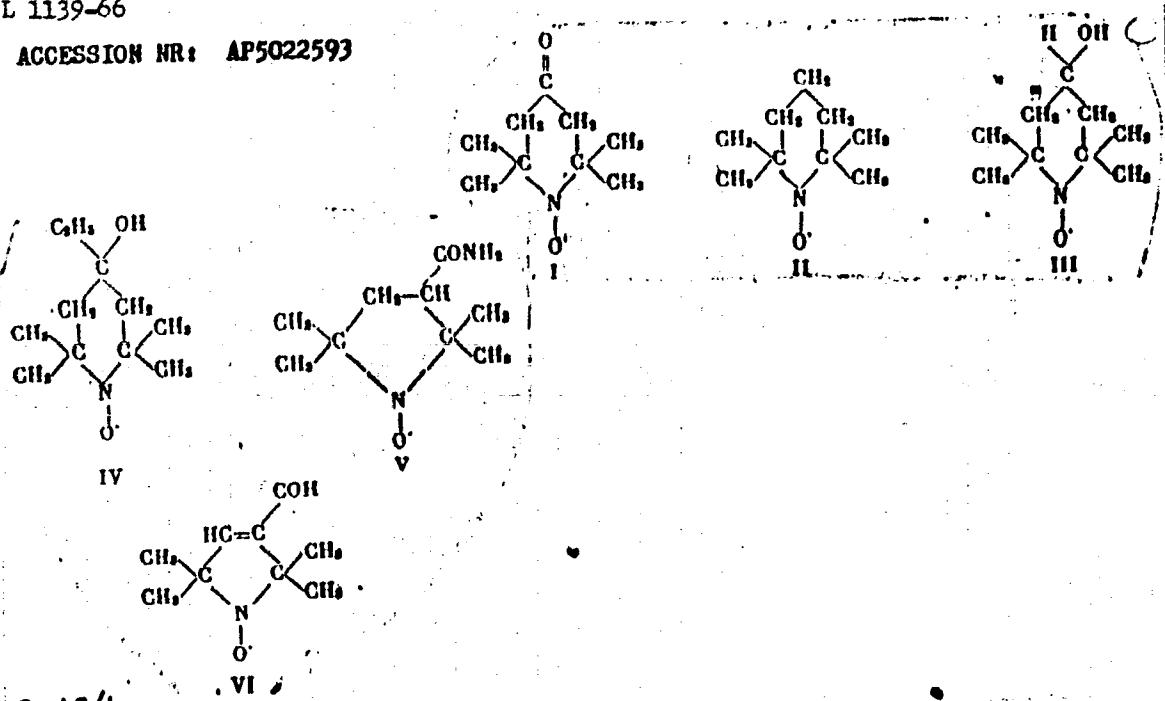
(MIKA 18:2)

1. Institut khimicheskoy fiziki AN SSSR.

L 1139-66 EWT(m)/EPF(c)/EWP(j)/T/EWP(t)/EWP(b)/EWA(c) IJP(c)/RPL JD/RM  
ACCESSION NR: AP5022593 UR/0190/65/007/009/1515/1519  
678.01:54  
AUTHORS: Gur'yanova, V. V.; Kovarskaya, B. M.; Krinitskaya, L. A.; Neyman, M. B.; Rozantsev, E. O.  
TITLE: On the possibility of initiating the chain oxidation of polymers by nitrogen oxide radicals  
SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 9, 1965, 1515-1519  
TOPIC TAGS: free radical, EPR, polymerization, hydrazobenzene, free radical polymerization  
ABSTRACT: The kinetics, activation energies and preexponential factors for six reactions between six different iminoxyl radicals and hydrazobenzene have been determined. The investigation was undertaken to extend currently available information on the abstraction of nitrogen-bound hydrogen atoms by nitrogen oxide radicals discussed by M. B. Neyman, Yu. G. Mamedova, P. Blenke, and A. L. Buchachenko (Dokl. AN SSSR, 144, 392, 1962). The radicals studied were:  
Card 1/4

L 1139-66

ACCESSION NR: AP5022593



Card 2/4

L 1139-66

ACCESSION NR: AP5022593

The rate of reaction was followed by observing the changes in the EPR and UV spectra. The experimental results for hydrazotetzeno are shown graphically in Fig. 1 on the Enclosure. Reaction rate constants and preexponential factors for the six different radicals are given in tabular form. A reaction mechanism is proposed. It is concluded that nitrogen oxide radicals are capable of abstracting nitrogen-bound hydrogen, giving rise to an active radical that is capable of initiating oxidation. Orig. art. has: 1 table, 3 graphs, and 3 equations.

ASSOCIATION: Institut plasticheskikh mass (Plastics Institute) 44,55

SUBMITTED: 24 Sep 64

ENCL: 01

SUB CODE: OC,  
GC

NO REF Sov: 011

OTHER: 002

Card 3/4

L 1139-66

ACCESSION NR: AP5022593

ENCLOSURE: 01

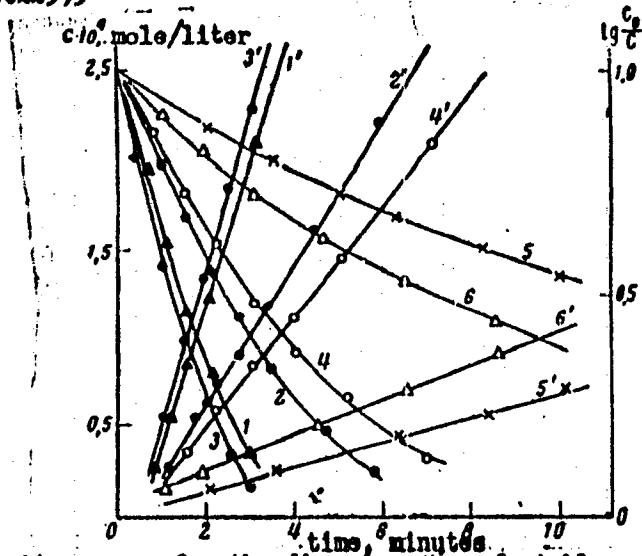


Fig. 1. Kinetic curves for the disappearance of stable radicals in the reaction with hydrazobenzene. 1- radical I; 2- II; 3- III; 4- IV; 5- V; 6- VI; 1' - 6' disappearance of radicals I - VI represented as  $\log C/C_0$  vs time

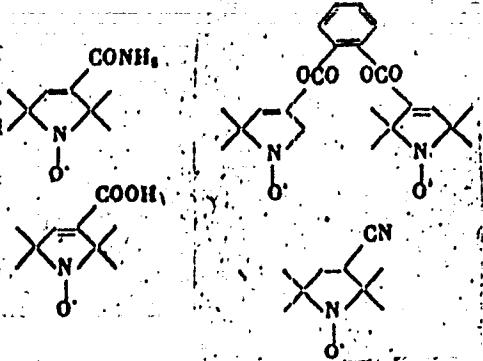
Card #44 time

11111-66 EWT(m)/EMP(j)/T/ETC(m) RPL MM/RM  
ACC NR: AP6002100 SOURCE CODE: UR/0062/65/000/011/2055/2057  
44 55 44 55 44 55 46  
AUTHOR: Neyman, M. B.; Krinitskaya, L. A.; Rozantsev, E. G. Q3  
ORG: Institute of Chemical Physics, Academy of Sciences SSSR (Institut  
khimicheskoy fiziki Akademii nauk SSSR) 44 55  
TITLE: Inhibition of the thermal oxidative degradation of polycapro-  
amide by stable imineoxyl radicals from hydrogenated pyrrols 7,44,55  
SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 11, 1965,  
2055-2057  
TOPIC TAGS: polymer, polycaproamide, antioxidant, inhibitor, polymer  
stability  
ABSTRACT: Previous work had shown that some imineoxyl radicals are  
antioxidants and can inhibit the thermal oxidative degradation of  
polymers. In this work the following stable imineoxyl radicals,  
previously synthesized by the authors, were tested for their ability  
to retard the thermal oxidative degradation of polycaproamide:

Card 1/2

UDC: 541.6+541.51

- 1111-00  
ACC NR: AP6002100



They were found to inhibit the destruction of polycaprolamide, exhibiting a well-pronounced induction period at 160°C. The inhibiting properties of the above radicals drop sharply when the temperature of the process is raised to 200°C. Orig. art. has: 1 table, 2 figures. [v8]

SUB CODE: 07 SUBM DATE: 18Mar65/ ORIG REF: 008/ OTH REF: 002  
ATD PRESS: 4176

PC  
Card 2/2

L 16199-66

ACCESSION NR: AP5022593

UR/0190/65/007/009/1515/1519  
678.01:54AUTHORS: Gur'yanova, V. V.; Kovarskaya, B. M.; Krinitskaya, L. A.; Neyman, M. B.;  
Rozantsev, E. G.TITLE: On the possibility of initiating the chain oxidation of polymers by  
nitrogen oxide radical.  
1 23  
22 23  
B

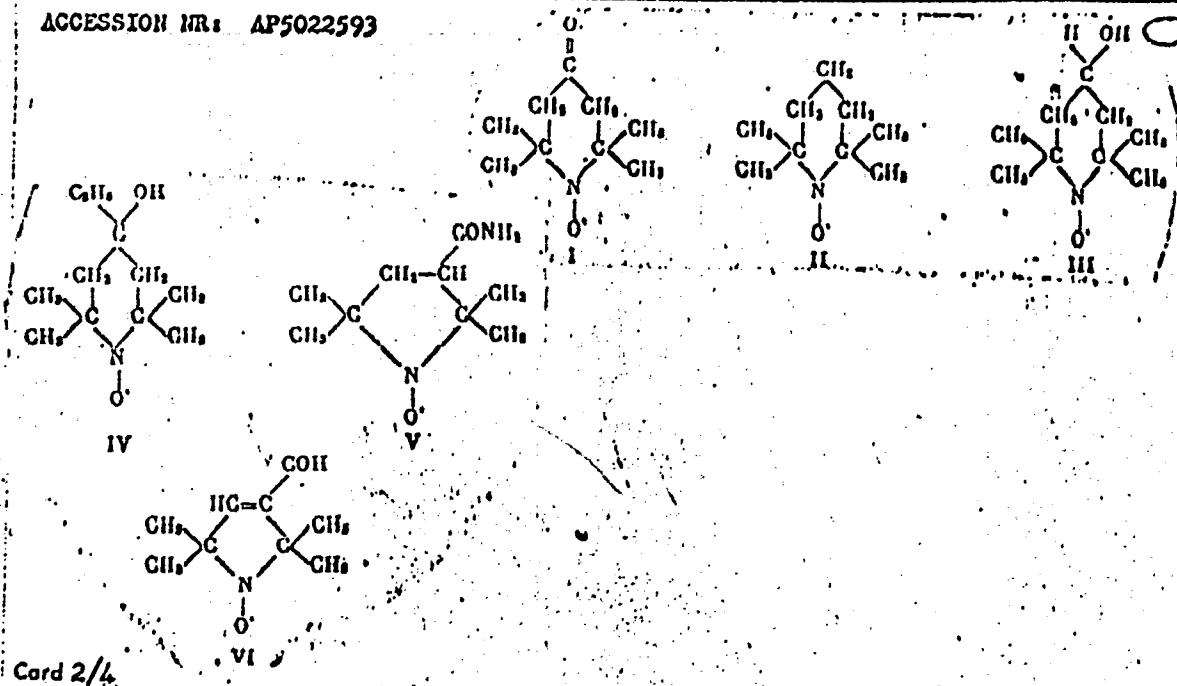
SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 9, 1965, 1515-1519

TOPIC TAGS: free radical, EPR, polymerization, hydrazobenzene, free radical  
polymerizationABSTRACT: The kinetics, activation energies and preexponential factors for six  
reactions between six different iminoxyl radicals and hydrazobenzene have been  
determined. The investigation was undertaken to extend currently available information  
on the abstraction of nitrogen-bound hydrogen atoms by nitrogen oxide  
radicals discussed by M. B. Neyman, Yu. G. Mamodova, P. Blenko, and A. L.  
Buchachenko (Dokl. AN SSSR, 144, 392, 1962). The radicals studied were:

Card 1/4

L 16199-66

ACCESSION NR: AP5022593



L 16199-66  
ACCESSION NR: AP5022593

The rate of reaction was followed by observing the changes in the EPR and UV spectra. The experimental results for hydrazobenzene are shown graphically in Fig. 1 on the Enclosure. Reaction rate constants and preexponential factors for the six different radicals are given in tabular form. A reaction mechanism is proposed. It is concluded that nitrogen oxide radicals are capable of abstracting nitrogen-bound hydrogen, giving rise to an active radical that is capable of initiating oxidation. Orig. art. has: 1 table, 3 graphs, and 3 equations.

ASSOCIATION: Institut plasticheskikh mass (Plastics Institute)

SUBMITTED: 24Sep64

ENCL: 01

SUB CODE: 00,  
00

NO REF Sov: 011

OTHERS: 002

Card 3/4

L 16199-66

ACCESSION NR: AP5022593

ENCLOSURE: 01

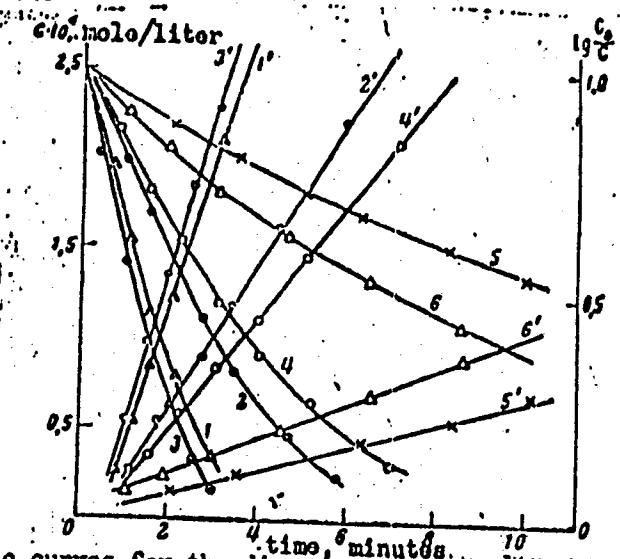


Fig. 1. Kinetic curves for the disappearance of stable radicals in the reaction with hydrazobenzene. 1- radical I; 2- II; 3- III; 4- IV; 5- V; 6- VI; 1' - 6' disappearance of radicals I - VI represented as  $\log C/C_0$  vs time

Card 44

ACC NR: AP6014407

SOURCE CODE: UR/0062/66/000/004/0675/0679

AUTHOR: Rozantsev, E. G.; Krinitkaya, L. A.; Neyman, M. B.40  
PORG: Institute of Chemical Physics, Academy of Sciences SSSR (Institut khimicheskoy fiziki Akademii nauk SSSR)

TITLE: Free iminoxyl radical in the hydrogenated pyrrole series

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 4, 1966, 675-679

TOPIC TAGS: free radical, chemical reaction, heterocyclic base compound, secondary amine, chemical valence

ABSTRACT: Free iminoxyl radicals of hydrogenated pyrrole were synthesized and the possibility of running reactions with them without affecting the free valency was studied. The free iminoxyl radicals of the amides of 2,2,5,5-tetramethylpyrrolidine and 2,2,5,5-tetramethylpyrrolidine carboxylic acids were prepared by catalytic oxidation. These radicals are very stable to oxygen, can be used to inhibit radical processes, and can be readily reduced to the corresponding heterocyclic analogs of hydroxylamine or amines. A new method proposed for protecting the

Card 1/2

UDC: 542.91+547.7+541.51

L 37213-46  
ACC NR: AP6014407

secondary amino groups in amino acids comprises oxidizing the amino groups to iminoxyl radicals, esterifying with diazomethane and reducing the ester radical to the amino ester. Orig. art. has: 1 table, 1 figure and 4 equations.

SUB CODE: 07/ SUBM DATE: 17Jan64/ ORIG REF: 014 OTH REF: 004

Card 2/2MLP

GLUSHENKOVA, A.I.; KRINITSKAYA, L.Ye.; MARKHAN, A.L.

Seed oils of four Ferula species. Uzb.khim.zhur. 8 no.4:54-60  
'64. (MIRA 18:12)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR. Submitted  
June 28, 1963.

MARKMAN, A.L., doktor khim.nauk; GLUSHENKOVA, A.I., kand.tekhn.nauk;  
KRINITSKAYA, L.Ye., inzh.

Determining the amount of resin acids in mixtures with fatty acids.  
Masl.-zhir.prom. 30 no.2:36-37 F '64. (MIRA 17:3)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.

VAYNSHTEYN, B.S., kand. ekon. nauk; LEYKINA, K.B.; MINTS, M.G.;  
LUCHINSKIY, S.M.; KIYEVSKIY, V.G., kand. ekon. nauk;  
VINER, ~~DEMIDOVICH, V.P.~~; GUREVICH, M.S.;  
ZIKEYEV, B.V., kand. tekhn. nauk; ~~MUDENBERG, I.L.~~  
SARYCHEV, V.S., kand. tekhn. nauk; APARIN, I.L.;  
KRINITSKAYA, M.Ye.; DZIKOVSKIY, G.I.; ZEL'TSER, R.Ya.;  
GOL'DENBERG, I.L.; ISAKOVSKIY, I.G.; ~~DEMIDOVA, E.N.~~,  
~~Demidova, E.N.~~

[Economic efficiency of capital investments and the  
introduction of new equipment in construction] Ekonomiches-  
skaia effektivnost' kapital'nykh vlozhenii i vnedreniya  
novoi tekhniki v stroitel'stvo. Moskva, Stroiizdat, 1965.  
235 p. (MIRA 18:8)

1. Moscow. Nauchno-issledovatel'skiy institut ekonomiki  
stroitel'stva. 2. Rukovoditel' sektora ekonomiceskoy  
effektivnosti novoy tekhniki Nauchno-issledovatel'skogo  
instituta ekonomiki stroitel'stva, Moskva (for Kiyevskiy).
3. Sektor ekonomiceskoy effektivnosti novoy tekhniki  
Nauchno-issledovatel'skogo instituta ekonomiki stroitel'-  
stva, Moskva (for all ~~except Demidova~~). 4. Nauchno-issledo-  
vatel'skiy institut ekonomiki stroitel'stva, Moskva (for  
Demidova).

KRINITSKAYA, R.R.

Features of the regeneration of quack grass in the liman meadows of  
the western part of the Caspian Sea region in connection with their  
improvement [with summary in English]. BiulMOIP. Otd.biol. 62 no.4:  
87-93 J1-Ag '57. (MIRA 10:11)  
(CASPIAN SEA REGION--QUACK GRASS)  
(PASTURES AND MEADOWS)

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Kir. SSR, Ser. est. i tekhn. nauk 2 no.10:91-105 '60.  
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disord. of pancreatic funct.)

(PANCREAS, dis.

funct. disord. in mumps)

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vokhn, red.

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KRINITSKIY, A.F.

In cloudiness of the bile a sign of a pathological processes in  
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KRIVITSKIY, A.F., podpolkovnik med. sluzhby (Kiyev)

Photocolorimetric method for determining blood sugar quantity.  
Vrach.delo no.9:971-973 S158 (MIRA 11:10)  
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KRINITSKIY, A., podpolkovnik med.sluzhby

Photometric method for determining total blood lipids. Vrach.delo  
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KRUMITSKIY, A.F.

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M.S.Maslov [deceased]) i Okrughnogo voyennogo gospitalya (nachal'nik  
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KRINITSKIY, Boris

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KRINITSKIY, B. A.

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Magic stone. Vokrug sveta no.7:2-6 Jl '53. (MLRA 6:?)  
(Estonia - Oil shales) (Oil shales - Estonia)

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V.T., otdelstvennyy redaktor; SAVIN, M.M., redaktor izdatel'stva;  
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ANDROS, I.P.---(continued) Card 2.  
red.; SANOVICH, P.O., red.; VOLOVICH, M.Z., inzh., red.; GORITSKIY,  
A.V., inzh., red.; POLUYANOV, V.A., inzh., red.; FADEYEV, E.I.,  
inzh., red.; CHMCHKOV, L.V., red. izd-va; PROZOROVSKAYA, V.L.,  
tekhn. red.; NADINSKAYA, A.A., tekhn. red.

[Mining; an encyclopedic handbook] Gornye delo; entsiklopedicheskii  
spravochnik. Glav. red. A.M. Terpigorev. Moskva, Gos. nauchno-  
tekhnicheskoye izd-vo lit-ry po ugol'noi promstv. Vol.4 [Mining  
and timbering] Provadenie i kreplenie gornykh vyrabotok. Red-  
kollegiya tsvet: F.M. Pekrovskiy... 1958. 464 p. (MKH 11:7)

(Mine timbering) (Mining engineering)

KRINITSKIY, L.M., detsent; SIVKO, V.I., inzh.

Distance between blind shafts in mining a flat seam as a hard heading.  
Izv. vys. ucheb. zav.; ger. zhur. 6 no.7:19-22 '63. (MIRA 16:9)

1. Dnepropetrovskiy gornyy Trudovego Krasnogo Znameni gornyy institut  
imeni Artyoma. Rekomenovana kafedroy prevedeniya i krepleniya gornykh  
vyrabotek Dnepropetrovskogo gornogo instituta.  
(Coal Mines and mining)

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PHASE I BOOK EXPLOITATION

SOV/1915

Kitov, Anatoliy Ivanovich, and Nikolay Andreyevich Krinitzkiy

Elektronnyye vychislitel'nyye mashiny (Electronic Computers) Moscow,  
Izd-vo AN SSSR, 1958. 130 p. (Series: Akademiya nauk SSSR.  
Nauchnopopulyarnaya seriya) Errata slip inserted. 25,000 copies printed.

Resp. Ed.: A.A. Dorodnitsyn, Academician; Ed. of Publishing House:  
N.B. Prokof'yeva; Tech. Ed.: T.V. Polyakova

PURPOSE: The book introduces nonspecialized readers to the field of  
electronic computers,

COVERAGE: The authors discuss the principle of construction and operation of  
electronic digital computers. They also describe the use of computers in  
solving various mathematical and logical problems and in automatic control  
systems. No personalities are mentioned. There are no references.

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KRINITSKIY, N.A.

PHASE I BOOK EXPLOITATION

SOV/3861

Kitov, Anatoliy Ivanovich, and Nikolay Andreyevich Krinitskiy

Elektronnyye tsifrovyye mashiny i programmirovaniye (Electronic Digital Computers and Programming) Moscow, Fizmatgiz, 1959. 572 p. 25,000 copies printed.

Ed.: M.M. Goryachaya; Tech. Ed.: S.S. Gevrilov.

PURPOSE: This book is intended for students of universities and higher technical institutes, and also for people working in various fields of science and industry, who can usefully apply new computational and control technique. The book can also be used as a textbook by potential programmers.

COVERAGE: The book discusses the arithmetic, logical, and technical principles underlying electronic digital computers. The book covers in detail the theory and concepts of digital computer programming and gives many examples in the programming of the Soviet computer "Strela." Much information is also given on the programming of the Soviet computers "Ural" and M-3. Although intended as a second edition of the book Elementy programmirovaniya by A.I. Kitov, N.A. Krinitskiy, and P.N. Komolov, published in 1956, additions and revisions make

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Electronic Digital Computers and Programming

SOV/3861

this book a new work in the field. Great use is made of the material from A.I. Kitov's book, published in 1956, Elektronnye tsifrovyye mashiny. The book also makes use of Soviet and foreign literature on the subject. The introduction and Ch. II - IV and XI were written by A.I. Kitov and Ch. I and V-X were written by N.A. Krinitzkiy. The authors thank Academician S.L. Sobolev and the entire department of computational mathematics at Moscow State University imeni Lomonosov; V.D. Rozenknoy, Yu.I. Yanov, V.B. Orlov, and M.M. Goryachaya. There are 46 references: 39 Soviet, 6 English, and 1 German.

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KRINITSKIY, N.H.

PHASE I BOOK EXPLOITATION SOV/5875

Kitov, Anatoliy Ivanovich, and Nikolay Andreyevich Krinitskiy

Elektronnye tsifrovyye mashiny i programmirovaniye (Electronic digital computers and programming) 2d ed., unrev. Moscow, Fizmatgiz, 1961. 572 p. 40,000 copies printed.

Ed.: M. M. Goryachaya; Tech. Ed.: S. S. Gavrilov.

PURPOSE: The book is approved by the Ministry of Higher and Secondary Specialized Education RSFSR for textbook use by students at universities and schools of higher education. It is also intended for personnel in scientific and industrial fields in which the new computing and control techniques are being put into use, and may serve as a textbook in training programmer cadres.

COVERAGE: The arithmetical, logical, and technical fundamentals underlying the construction of high-speed computers are described, and modern programmer training methods are presented in detail and copiously illustrated

Card 1/ ●

Electronic Digital Computers (Cont.)

SOV/5875

with examples of programming for the Soviet "Strela" computer. The special features of programming for the Soviet "Ural" and "M -3" computers are discussed extensively, and programming examples are given for these machines. In addition, some information and programming examples are given for the "BESM" computer. The book is based partly on materials drawn from A. I. Kotov's book Electronic Digital Computers (Sovetskoye radio, 1956), and on other Soviet and non-Soviet contemporary sources. The introduction, Chs. II through IV, and Ch. XI were written by A. I. Kitov, while Ch. I. and Chs. V. through X are the work of N. A. Krinitskiy. The authors thank Academician S. L. Sobolev and all the personnel of the Department of Computer Mathematics of the Moscow State University imeni Lomonosov; and V. D. Rozenknop, Yu. I. Yanov, V. B. Orlov, and M. M. Goryachaya for their help. There are 46 references: 39 Soviet, 6 English, and 1 German.

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KRIMITSKIY, V.I.

BERG, A.I., glav. red.; TRAPEZNİKOV, V.A., glav. red.; BIRKOVICH, D.M., zami glav. red.; LENINER, A.Ya., doktor tekhn. nauk, prof., zam. glav. red.; AVEN, O.I., red.; AGEYKIN, D.I., red.; kand. tekhn. nauk, dots., red.; AYZERMAN, M.A., red.; VENIKOV, V.A., doktor tekhn. nauk, prof., red.; VORONOV, A.A., doktor tekhn. nauk, prof., red.; GAVRILOV, M.A., doktor tekhn. nauk, prof., red.; ZERNOV, D.V., red.; IL'IN, V.A., doktor tekhn. nauk, prof., red.; KITOV, A.I., kand. tekhn. nauk, red.; KOGAN, B.YA., doktor tekhn. nauk, red.; KOSTOUSHOV, A.I., red.; KRIMITSKIY, N.A., kand. fiz.-mat. nauk red.; LEVIN, G.A., prof. red.; LOZINSKIY, M.G., doktor tekhn. nauk, red.; RASSIYEVSKIY, V.I., red.; MAKSAREV, Yu.Ye., red.; MASLOV, A.A., dots., red.; POPKOV, A.A., red.; RAKOVSKIY, M.Ye., red.; ROZENBERG, L.D., doktor tekhn. nauk, prof., red.; SOTSKOV, B.S., red.; TIMOFEEV, P.V., red.; USHAKOV, V.B., doktor tekhn. nauk, red.; FEL'DBAUM, A.A., doktor tekhn. nauk, prof., red.; FROLOV, V.S., red.; KHARKEVICH, A.A., red.; KHRAMOV, A.V., kand. tekhn. nauk, red.; TSYPLKIN, Ya.Z., doktor tekhn. nauk, prof., red.; CHELYUSTKIN, A.B., kand. tekhn. nauk, red.; SHREYDER, Yu.A., kand. fiz.-mat. nauk, dots., red.; BOCHAROVA, M.D., kand. tekhn. nauk, starshiy nauchnyy red.; DELONE, N.N., inzh., nauchnyy red.; BARANOV, V.I., nauchnyy red.; PAVLOVA, T.I., tekhn. red.

(Continued on next card)

BERG, A.I.— (continued). Card 2.

[Industrial electronics and automation of production processes] Avtomatizatsiia proizvodstva i promyshlennaia elektronika. Glav. red. A.I.Berg i V.A.Trapeznikov. Moskva, Gos.nauchn. izd-vo "Sovetskaia Entsiklopediia." Vol.1. A - I. 1962. 524 p. (MIRA 15:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Sotskov, Kharkovich, Zernov, Timofeyev, Popkov).  
(Automatic control) (Electronic control)

Krinitzkiy, N.A.

Electronic computers, by A. I. Kitev and N. A. Krinitzkiy.  
New York, Macmillan, 1962.  
112 p. illus. tables (International Series of Monographs on  
Electronics and Instrumentation, v. 13.)  
A Pergamon Press Book  
Translated from the original Russian: Elektronnye vychislitel'nye  
mashiny, Moscow, 1958.

KRINITSKIY, N. A., YERSHOV, A. P., and PODLOVCHENKO, R. I.

"Review of Work on Logical Schemes of Algorithms"

presented at the All-Union Conference on Computational Mathematics and Computational Techniques, Moscow, 16-28 November 1961

So: Problemy kibernetiki, Issue 5, 1961, pp 289-294

KRINITSKIY, N.A.; MIRONOV, G.A.; PROLOV, G.D.; LYUSTERNIK, L.A.,  
red.; YANPOL'SKIY, A.R., red.; SHUR-BUR, M.R., ~~red.~~;  
BEZBORODOV, Yu.M., red.; MURASHOVA, N.Ya., tekhn. red.

[Programming] Programmirovanie. Moskva, Fizmatgiz, 1963.  
383 p. (MIRA 16:8)  
(Programming (Electronic computers))

MIRONOV, Georgiy Akimovich; KRINITSKIY, N.A., red.; GORYACHAYA,  
M.M., red.

[Test programs for checking electronic digital computers]  
Ispytatel'nye programmy dlia kontrolija elektronnykh tsif-  
rovych mashin. Moskva, Izd-vo "Nauka," 1964. 267 p.  
(MIRA 17:6)

PHASE I BOOK EXPLOITATION

SOV/6529

Krinitkiy, N. A., G. A. Mironov, and G. D. Frolov

Programmirovaniye (Programming). Moscow, Fizmatgiz, 1963. 383 p.  
(Series: Spravochnaya matematicheskaya biblioteka) Errata slip  
inserted. 40,000 copies printed.

Ed. (Title page): M. R. Shura-Bura; Eds. of the series: L. A.  
Lyusternik and A. R. Yanpol'skiy; Ed.: Yu. M. Bezborodov;  
Tech. Ed.: N. Ya. Murashova.

PURPOSE: This handbook is intended for students in schools of  
higher education and universities, and for engineers and scientific workers who either use or service electronic computers.

COVERAGE: The book deals with problems of programming. Theoretical elements of program-controlled computers are briefly discussed and classified, and the basic operations of computers are described. Special computer characteristics, the sequence of problem solving, and operational programming methods are given. The application of

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Programming

SOV/6529

certain conventional methods to programming is described. The method of standard subroutines is presented in its two variants (compilation and interpretation systems). Basic information is given on the automation of programming by means of an operator-programmer. In addition, the book includes short descriptions of the principal Soviet electronic digital computers (the Ural-1, Ural-2, "Setun", M-2, M-3, BESM-2, and "Strela"). The first part of the book (chapters 1-7) was written by N. A. Krinitzkiy, and the second part (chapters 8-14), by G. A. Mironov and G. D. Frolov. The authors thank L. A. Lyusternik, A. A. Lyapunov, M. R. Shura-Bura and A. K. Yanpol'skiy for their assistance. There are 60 references, all Soviet.

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BERG,A.I.,glav.red.; TRAPEZNIKOV,V.A.,glav.red.; TSYPKIN, Ya.Z., doktor tekhn.nauk,prof.,red.; VORONOV,A.A., doktor tekhn.nauk,prof.,red.; SOTSKOV,B.S., doktor tekhn.nauk,red.; ACEYKIN,D.I., doktor tekhn. nauk, red.; GAVRILOV,M.A., red.; VENIKOV,V.A., doktor tekhn.nauk, prof.,red.; CHELYUSTKIN,A.B., doktor tekhn. nauk,red.; PROKOF'YEV, V.N., doktor tekhn.nauk,prof.,red.; IL'IN,V.A., doktor tekhn.nauk, prof.,red.; KITOV,A.I.,doktor tekhn.nauk,red.; KRINITSKIY, N.A., kand. fiz.-matem.nauk,red.; KOGAN,B.Ya., doktor tekhn.nauk, red.; USHAKOV,V.B., doktor tekhn.nauk,red.; LEINEK,Yu.A., doktor tekhn. nauk,prof., red.; FEL'DBAUM, A.A.,prof., doktor tekhn.nauk,red.; SHREYDER,Yu.A., kand. fiz.-mat. nauk,dots.,red.; KILARKEVICH,A.A., akad., red.;TIMOFEEV,P.V., red.; MASLOV,A.I.,dots.,red.; LEVIN, G.A., prof.,red.; LOZINSKIY,M.G., doktor tekhn.nauk,red.; NETUSHIL, A.V., doktor tekhn.nauk,prof.,red.; POPKOV,V.I.,red.; ROZENBERG, L.D.,doktor tekhn.nauk,prof.,red.; LIVSHITS,A.L.,kand.tekhn.nauk,red..

[Automation of production and industrial electronics] Avtomatizatsiya proizvodstva i promyshlennia elektronika; entsiklopedia sovremennoi tekhniki. Moskva, Sovetskaia Entsiklopedia. Vol.3. Pogreshnost' reshenii - Teleizmeritel'naiia sistema chastotnaia. 1964. 487 p.

(MIRA 17:10)

J. -Chlen-korrespondent AN SSSR (for Sotskov, Gavrilov, Timofeyev, Popkov).

KITOV, Anatoliy Ivanovich; KRINITSKIY, Nikolay Andreyevich;  
DORODNITSYN, A.A., akademik

[Electronic computers] Elektronnye vychislitel'nye ma-  
shiny. Izd.2., perer. i dop. Moskva, Nauka, 1965. 174 p.  
(MIRA 18:6)

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