DONIN, B.S.; NEBESOVA, F.M.

Dielectric heating and drying of grain in a high-frequency electric field. Izv. vys. ucheb. zav.; pishch. tekh. no.3: 156-161 '58. (MIRA 11:9)

1. Odesskiy tekhnologicheskiy institut imeni I.V. Stalina, Kafedra elevatorno-skladskogo khozyaystva.
(Grain--Drying) (Induction heating)

NEBESOVA, P.M.

Effect of drying with high frequency currents on certain properties of wheat. Izv.vys.ucheb.zav.;pishch.tekh. no.4:7-12 '60. (MIRA 13:11)

1. Odesskiy tekhnologicheskiy institut imeni I.V.Stalina Kafedra elevatorno-skladskogo khozyaystva.
(Wheat—Drying)

NEBILICIN, V.: LIAPICKIJ, A.

"Geochemical properties of niobium and tantalum"

Buletin. Seria Shkencat Natyrore. Tirane, Albania. Vol. 12, no. 4, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Incls

FEDOSEYEV, Aleksandr Ivanovich [Fedosieiev, O.]; NEBILITSYA, V., red.; MOLCHANOVA, T., tekhn.red.

[Our marked progress] Na krutomu pidnesenni. Odesa, Odes'ke knyzhkove vyd-vo, 1959. 69 p. (MIRA 13:1)

1. Sekretar Odes'kogo obkomu KP Ukraini (for Fedoseyev).
(Odessa Province--Agriculture)

NEBIYERIDZE, D. A., Cand Tech Sci -- (diss) "Viniculture of Lechkhum and prospects for its development." Tbilisi, 1960. 26 pp with graphs; (Ministry of Agriculture USSR, Georgian Order of Labor Red Banner Agricultural Inst); 100 copies; price not given; (KL, 17-60, 157)

NEBIYERIDZE, D.P.

Combustion of Tkibuli coal in furnaces with shaft and ball-drum mills. Soob.AN Gruz.SSR 16 no.3:221-227 '55. (MLRA 9:7)

1.Akademiya nauk Gruzinskoy SSR, Institut energetiki imeni A.I.Didebulidze, Tbilisi. Predstavleno chlenom-korrespondentom Akademii G.K.Gedevanishvili.
(Tkibuli--Coal) (Combustion)

TSKHVIRASHVILI, D.G.; MEBIYERIDZE, D.P.

Studying the behavior of boric acid in superheated steam. Soob.AN Gruz.SSR 23 no.6:695-698 D '59. (MIRA 13:6)

1. Institut energetiki im. A.I.Didebulidze AN Gruz.SSR 23 no.6: 695-698 D '59. (MIRA 13:6)
(Steam, Superheated) (Boric acid)

S/020/60/134/003/015/020
B016, B054

AUTHORS: Styrikovich, M. A., Corresponding Member AS USSR, Takhvirashvili, D. G., and Nebiyeridze, D. P.

TITLE: Investigation of the Solubility of Boric Acid in Saturated Water Vapor

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 3, pp. 615-617

TEXT: The authors investigated the solubility of boric acid in saturated water vapor with the aid of a special apparatus. A small part of the solution of known concentration was evaporated. The boric acid content was determined in vapor condensate samples colorimetrically and volumetrically. Fig. 1 shows the solubility of boric acid in vapor as a function of pressure between 1 and 200 atm. Therefrom, the authors concluded that the B_2O_3 concentration depends linearly on its concentration in water. Consequently, the distribution coefficient of B_2O_3 between the vapor- and the liquid phase of the solvent is independent of the con

Card 1/3

Investigation of the Solubility of Boric Acid in Saturated Water Vapor

S/020/60/134/003/015/020
B016/B054

centration in the range mentioned. As compared with other inorganic compounds, boric acid is very well soluble in water vapor, even at low pressure. Fig. 2 shows the values of the visible distribution coefficients of boric acid as dependent on the relation of the densities of the solvent phases (Ref. 2) This dependence is represented by an exponental function (see Equation) Fig. 2 shows that the values of the distribution coefficient agree well with the individual points determined at the Moskovskiy energeticheskiy institut (Moscow Power Engineering Institute) Boric acid is characterized by the maximum value of the visible distribution coefficient and, accordingly, by the lowest exponent n. This is due to the fact that boric acid, being a weak acid, is practically in a nondissociated state in water. This confirms the theorem stating that compounds which are in an aqueous solution in the form of molecules migrate preferably into the vapor (Ref. 3). The experimental results are also indicative of this fact (Fig. 3). The experiments were made with binary solutions, one component of which was boric acid. The visible distribution coefficient of boric acid is practically not influenced even by the addition of larger amounts of NaCl or Na_2SO_4, if the pressure remains uncharged. From their

Card 2/3

Investigation of the Solubility of Boric Acid in Saturated Water Vapor

S/020/60/134/003/015/029
B016/B054

results and from the behavior of boric acid in overheated vapor, the authors conclude that the behavior of this acid in practice is completely determined by the laws governing its solubility in water vapor; for, even at atmospheric pressure, its distribution coefficient is multiple the coefficient of the mechanical carrying-away of the liquid with the vapor. There are 3 figures and 4 Soviet references.

ASSOCIATION: Institut energetiki im. A I Didebulidze Akademii nauk GruzSSR (Institute of Power Economy imeni A. I. Didebulidze of the Academy of Sciences of the Gruzinskaya SSR)

SUBMITTED: May 18, 1960

Card 3/3

KALANDADZE, L.P.; BATIASHVILI, I.D.; NEBIYERIDZE, E.Ya. [deceased];
NADIRADZE, N.V.

Studying the European corn borer under conditions prevailing in Georgia [with summary in English]. Zool. zhur. 38 no.4:565-578 Ap '59. (MIRA 12:5)

1.Chair of Zoology and General Entomology of the Georgian Agricultural Instituta, Tbilisi.
(Georgia--European corn borer)

L 31220-66
ACC NR: AP6022786 SOURCE CODE: UR/0217/66/011/001/0143/0146

AUTHOR: Nebiyeridze, R. B.

ORG: Institute of Neurosurgery im. N. N. Burdenko, AMN SSSR, Moscow (Institut neyrokhirurgii AMN SSSR)

TITLE: Work of movement units of eye muscles under stationary conditions

SOURCE: Biofizika, v. 11, no. 1, 1966, 143-146

TOPIC TAGS: eye, muscle physiology, skeletal mechanics, electromyography, rabbit, neuron, ophthalmology

ABSTRACT: The activity of movement units of skeletal muscles of human beings in maintaining body posture has been studied in detail. An electromyographic investigation of the eye muscles of rabbits under stationary conditions (i.e., in the absence of external stimuli) indicated that the movement units of these muscles operate within a much more extensive frequency range (20-80 cycles) compared with those of the skeletal muscles (9-11 cycles). However, the movement units of the eye muscles operate in a stable manner within the range indicated and retain a mean frequency with a definite dispersion. Just as in the skeletal muscles, two adjacent units in the eye muscles operate independently of each other in an asynchronous manner. With increasing frequencies, the dispersion of the length of intervals between impulses exerted on individual eye muscle movement units decreases, but the ratio of the

Card 1/2

standard deviation to the mean length of the interval remains fairly constant. The operation of eye muscle movement units can be explained by assuming a local action of Renshaw cells on motor neurons. This assumption is hypothetical, because there is no certain evidence to the effect that Renshaw cells participate in the activity of the oculomotor apparatus. The author expresses thanks to V. S. Gurfinkel', A. Fel'dman and A. R. Shakhnovich for their helpful discussion of the questions considered in the article, and also to I. I. Pyatetskiy-Shapiro for help in processing some of the data in the electronic computer. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 23Jul65 / ORIG REF: 003 / OTH REF: 003

NEBLYOV, V.M.

Considering welding stresses in the design for stability of structural elements. Avtom. svar. 14 no.2:3-14 F '61. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva imeni akademika A.N. Krylova.
(Structural frames--Welding) (Thermal stresses)

NEBOGATIKOV, G. D., (Engr)

Dissertation: "An Analysis of the Process of Stamping Pieces of the Valve Type by the Extrusion Method." Cand Tech Sci, Moscow Automotive Mechanics Inst, 25 Jun 54. (Vechernyaya Moskva, Moscow, 16 Jun 54)

SO: SUM 318, 23 Dec 1954

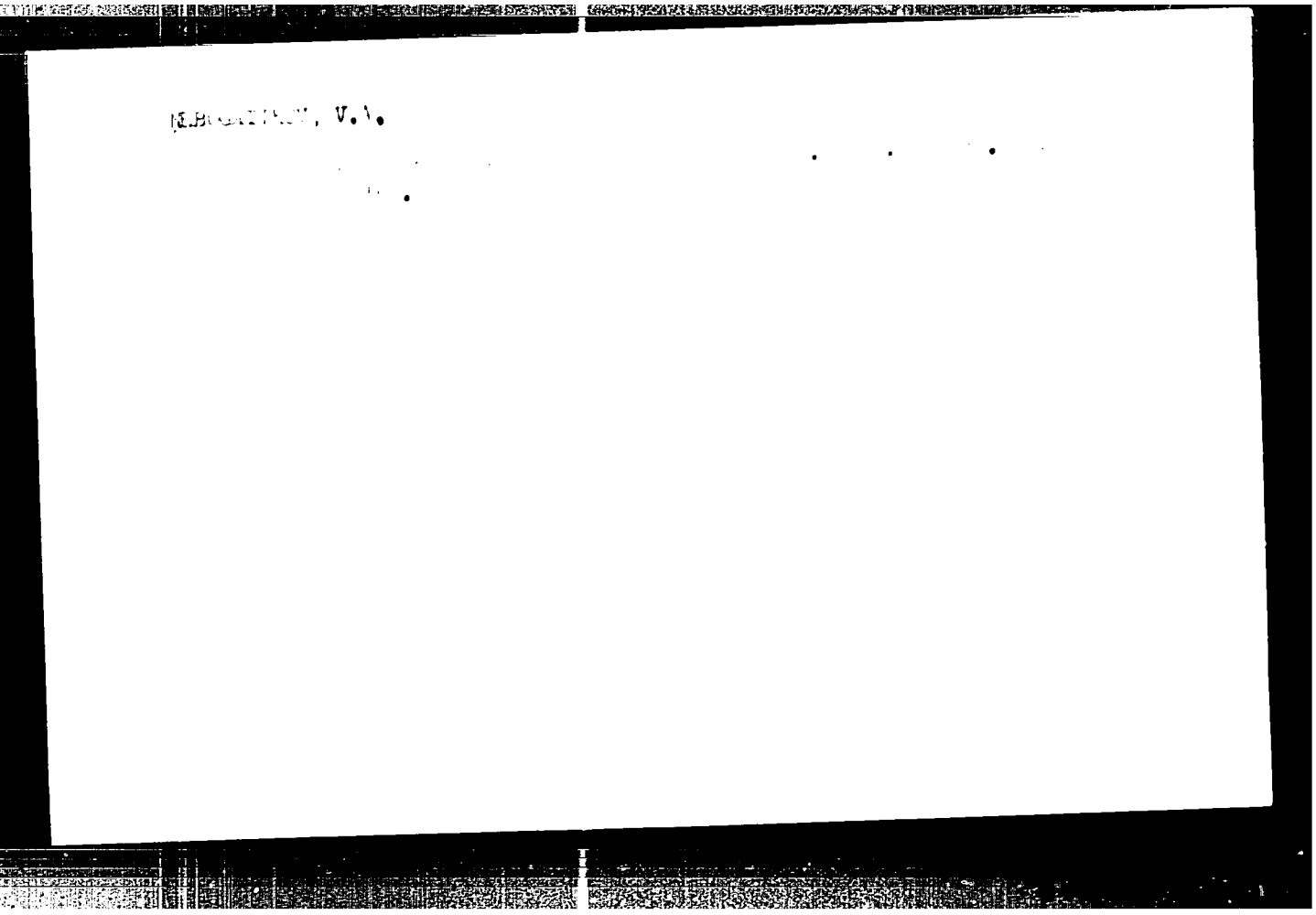
NEBOGATIKOV, G.D., kand.tekhn.nauk

Investigating the process of stamping parts by extrusion. (MIRA 11:10)
[Nauch. trudy] MAMI no.4:60-77 '55.
(Extrusion process)

NEBOGATIKOV, N.P.

Competition for the right to be called "best telecommunication branch and signaling sector." Avtom., telem. i sviaz' 9 no.7 26-28 Je '65. (MIRA 18:8

1. Inspektor avtomatiki, telemekhaniki i svyazi Yuzhno-Ural'skoy dorogi.



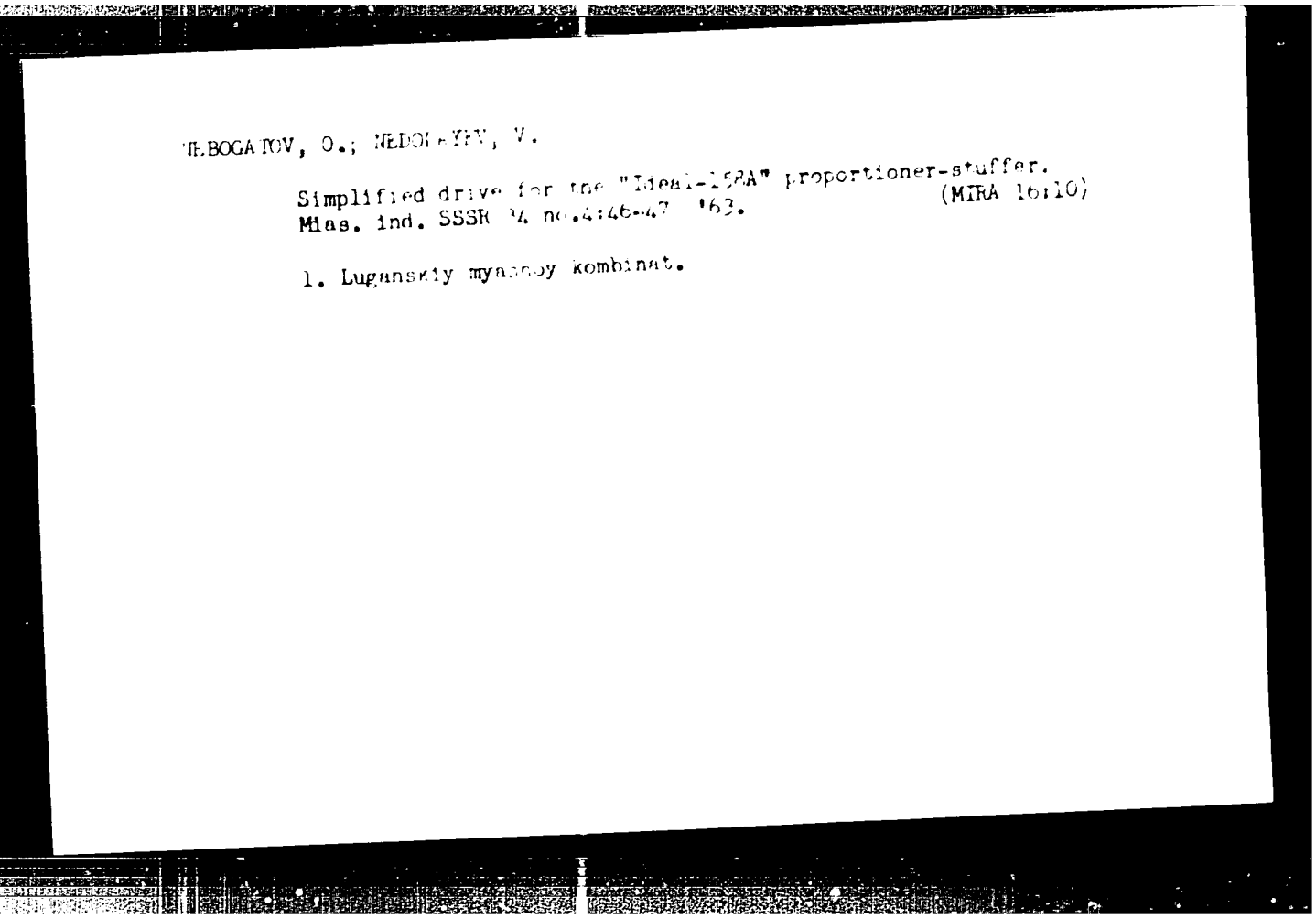
STANKO, S.A.; BEDENKO, V.P.; PYROGATIKOVA, M.S.

Utilization of radiation energy by plants in relation to [illegible] vertical zonation. Trudy Inst.astrobot. AN Kazakh.SSR 5:141-157 (MIRA 11:12)
'58.
(Photosynthesis)

NEBOGATKIN, P.

Let us create an abundance of dairy products. Sov.profsoiuzy 5 no.3:37-40 Mr '57. (MLRA 10:4)

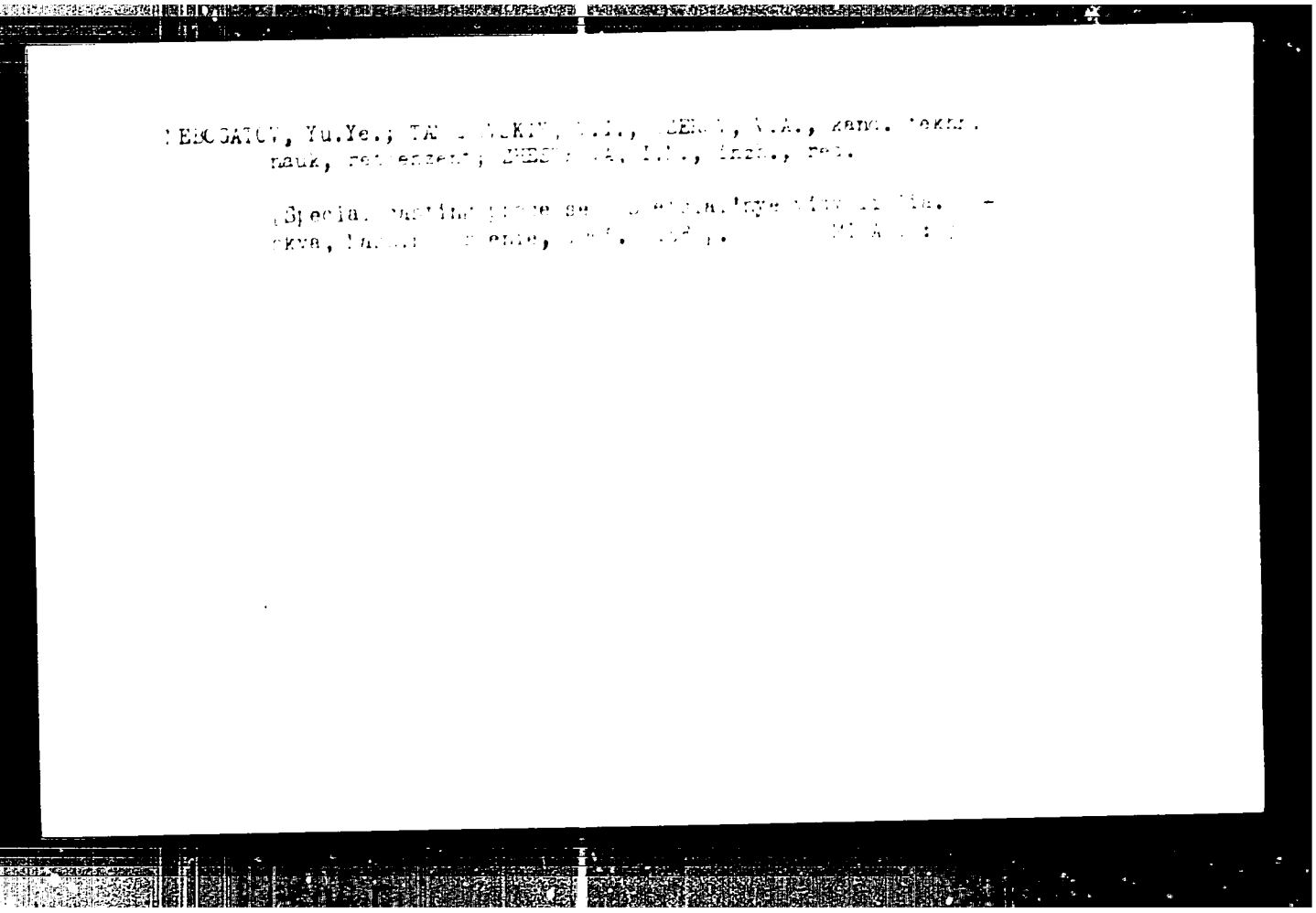
1. Apparchik molochnogo kombinata imeni Ger'kogo, Moskva.
(Dairy industry)



BOGATOV, O.; NEDOLEYEV, V.

Simplified drive for the "Izmeritel-158A" proportioner-stuffer. (MIRA 16:10)
Mias. ind. SSSR 34 no.4:46-47 '63.

1. Luganskiy myasnoy kombinat.



EWT(d)/EWT(m)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/
JD/HW
S/0128/65/000/003/0029/0030

ACCESSION NR: AP5008034

AUTHOR: Chernogorov, P. V. (Professor); Nebogatov, Yu. Ye. (Engineer)

TITLE: Pulling structural shapes from the melt

SOURCE: Liteynoye proizvodstvo, no. 3, 1965, 29-30

TOPIC TAGS: structural shape, shape manufacturing, shape pulling, aluminum tube pulling

ABSTRACT: Structural shapes can be obtained by pulling from a melt with the use of a seed (see Fig. 1 of the Enclosure). The shape size and configuration are determined by those of the seed and the mold and by the cooling conditions. To determine the effect of the cooling agent, the pulling rate, and the melt temperature and to establish optimal parameters, a special unit was developed on the basis of the M-10 machine for semicontinuous casting of ingots. The effect of cooling conditions was studied in pulling aluminum tubes 30 mm in external diameter with a wall thickness of 0.4—0.7 mm or 0.8—4 mm at a pulling rate of 3 m/hr, a cooling-air consumption

Card 1/2

L 37726-65
ACCESSION NR: AP5008034

of 60 l/min at 20—30C, and a cooling-water consumption of 0.3 m^3/hr. Tubes with 0.8—4 mm thick walls or solid rods 30 mm in diameter were obtained. Cooling conditions are a decisive factor in the formation of a shape (see Fig. 2 of the Enclosure). Orig. art. has: 4 figures. [ND]

ASSOCIATION: none

SUBMITTED: 00 ENCL: 02 SUB CODE: MM, IE

NO REF SOV: 004 OTHER: 000 ATD PRESS: 3224

Liquid Metal

Card 2/4

L 07940-67 EWT(m)/EWP(t)/ETI/EWP(k) LJP(c) JD/WW/AW/JG
ACC NR: AP6027633 SOURCE CODE: UR/0145/66/000/006/0148/0154

AUTHOR: Chernogorov, P. V. (Doctor of technical sciences, Professor); Nebogatov, Yu. Ye. (Senior instructor)

ORG: Chelyabinsk Polytechnical Institute (Chelyabinskiy politekhnicheskiy institut)

TITLE: Investigation of cooling during pulling of profiles from a melt 14 56 B

SOURCE: IVUZ. Mashinostroyeniye, no. 6, 1966, 148-154

TOPIC TAGS: crystal growth, cooling, metal forming, molten metal

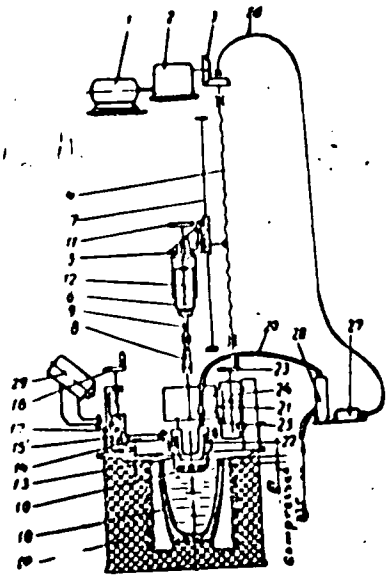
ABSTRACT: The authors describe an installation designed for studying the process of pulling columns of various cross sectional shapes from melts of metals and alloys. A diagram of the unit is shown in the figure. Rotation of reversible DC electric motor *1* is transmitted through speed reducer *2* and bevel gear system *3* to screw *4* which moves slider *5* carrying seed holder *6*. The slider moves along guide *7*. Seed *8* is fastened to holder *6* through heat insulator *9* and lowered to the level of the shaper *10* by turning handwheel *11* and screw *12*. Shaper *10* is fastened to holder *13* and to slider *15* through bracket *14*. Handwheel *16* and screw *17* are turned to lower the shaper to the surface of the molten metal in crucible *18* of furnace *19*. Air or gas is fed from a compressor through hose *20* to cooling device *21* and unit *22* for controlling the size of the blowing gap. Handwheel *23* and screw *24* are rotated to set slider *25* which holds the cooling device at the necessary distance *m* from the shaper. Rotation of screw *4* is transmitted through flexible shaft *26* to revolution counter *27* mounted on a control

Card 1/2 UDC: 621.735

L 07940-67

ACC NR: AP6027633

panel. Also mounted on this panel is a rheostat for controlling the pulling speed by changing the voltage to the motor armature. The rate of flow of the air or gas in line *20* is adjusted by rotameter *28*. The temperature of the metal in the crucible is monitered by stationary pyrometer *29* on a bracket which is connected to a potentiometer or millivoltmeter. The device is used for studying various cooling methods by regulation of compressed air or gas flow. Orig. art. has: 5 figures, 3 tables.



SUB CODE: 13/ SUBM DATE: 19Aug64/ ORIG REF: 002

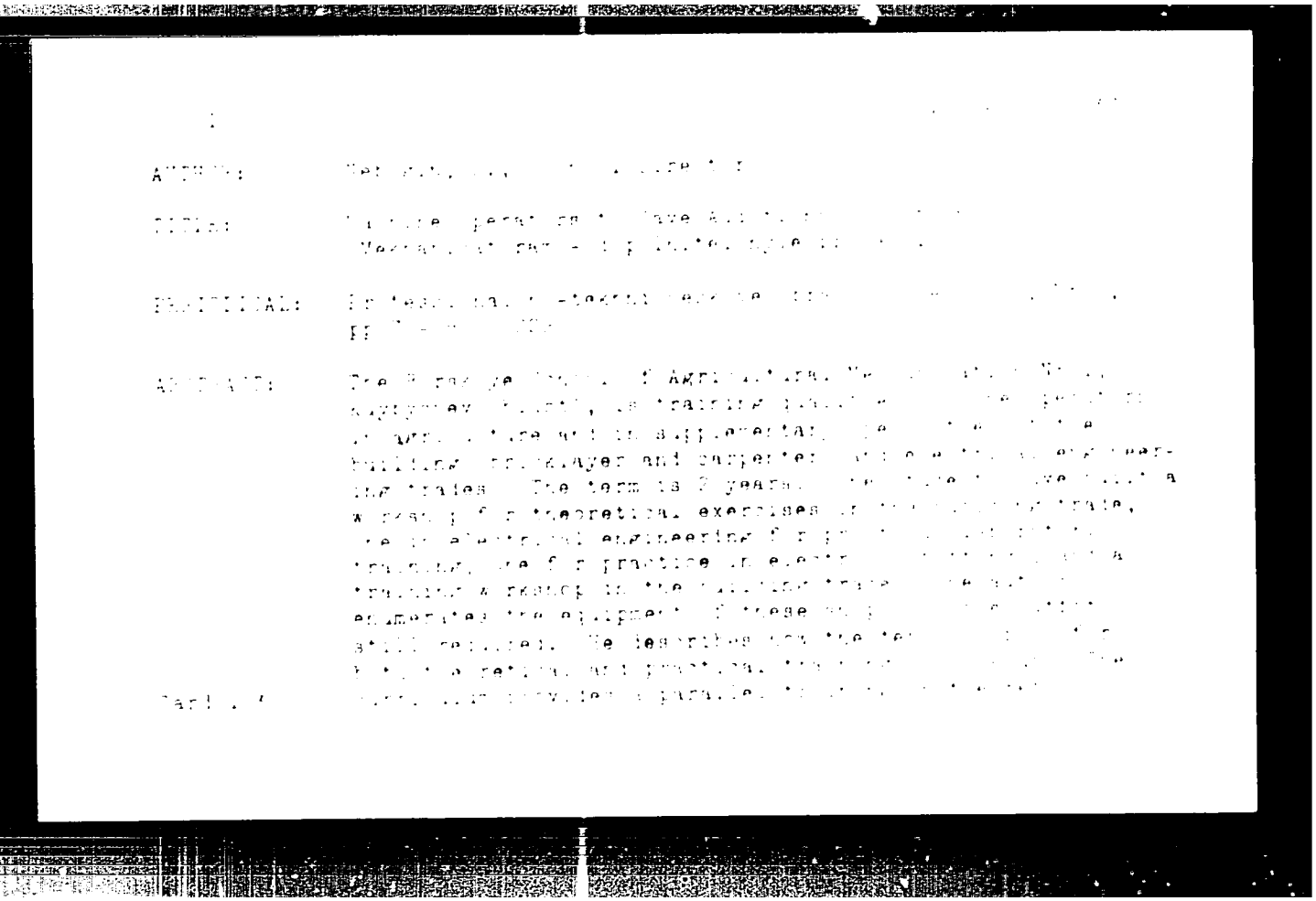
Card 2/2

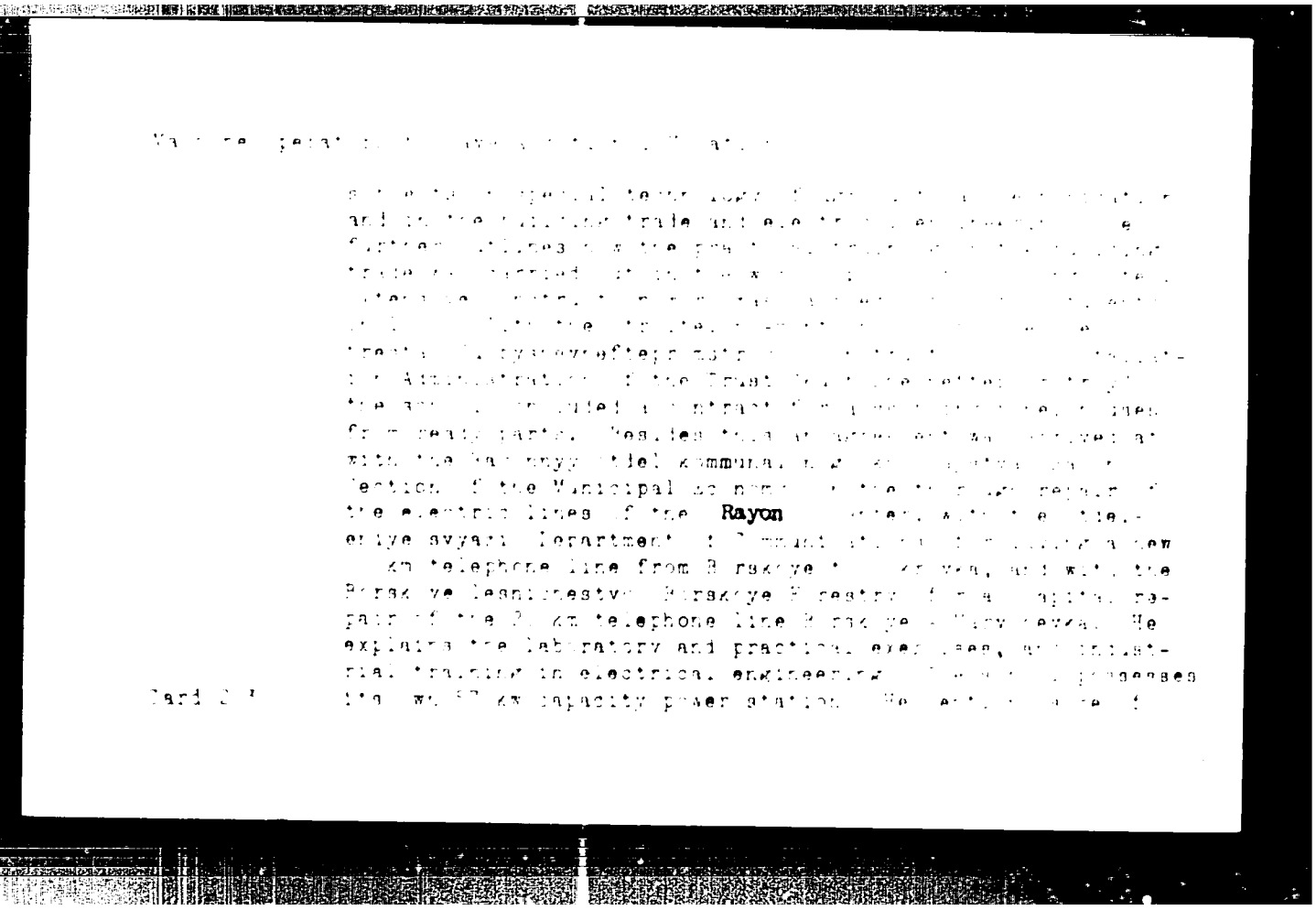
NEBOGIN, I.Z., monter, VELIKODNYY, V.P., elektromekhanik; MILYAYEV, I.N., starshiy elektromekhanik; LAZAREVICH, G.P., elektromekhanik; OSIPOV, P.P., elektromekhanik

Suggestions of efficiency experts. Avtom.telm.i sviaz' 4 no.8: 30-31 Ag '60. (MIRA 13:8)

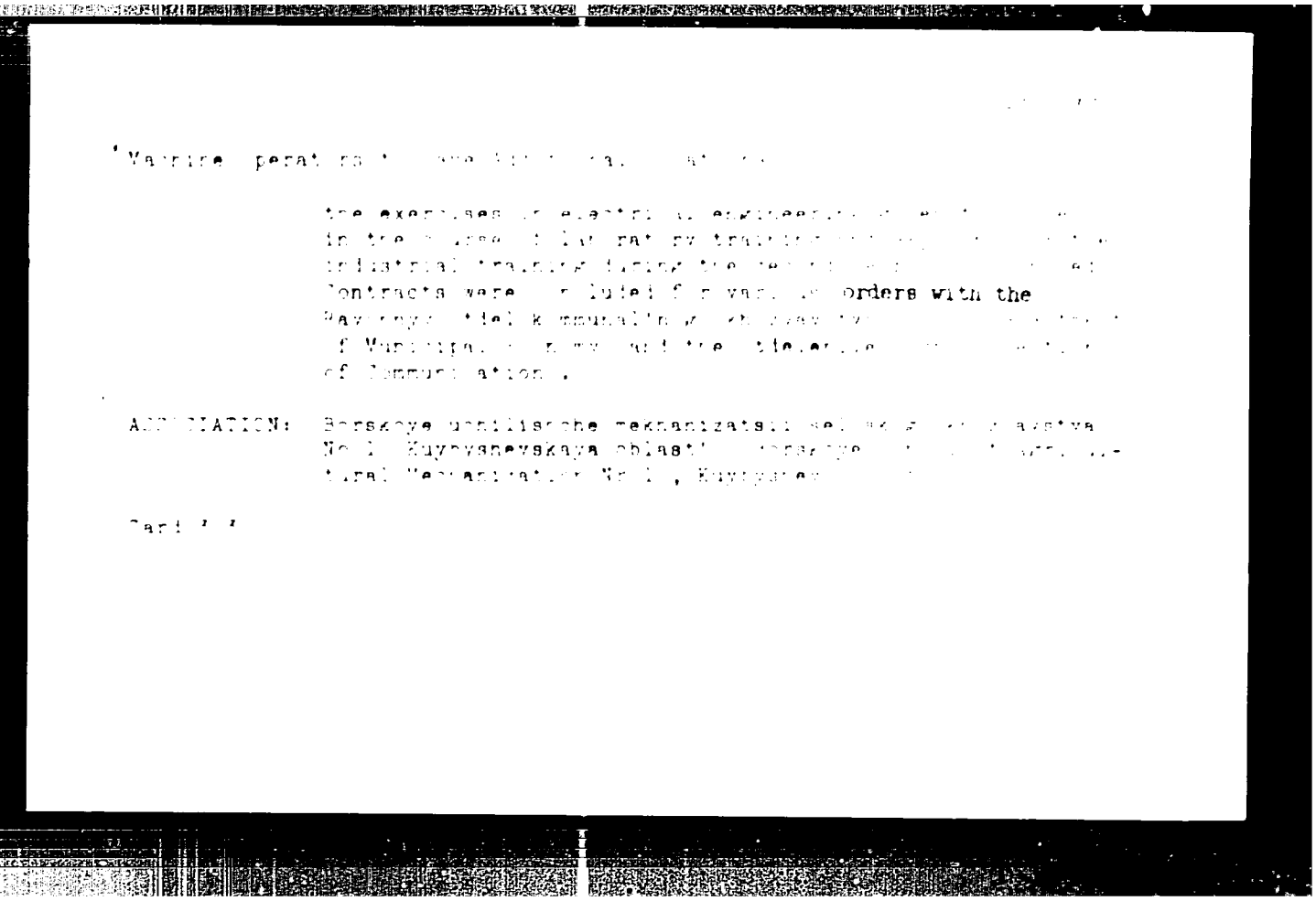
1. Elektricheskaya tsentralizatsiya stantsii Bezymyanka Kuybyshevskoy dorogi (for Nebogin). 2. Voroshbyanskaya distantsiyasignalizatsii i svyazi Yugo-Zapadnoy dorogi (for Velikodnyy). 3. Deminskaya distantsiya signalizatsii i svyazi Kuybyshevskoy dorogi (for Milyayev) 4. Orskaya distantsiya signalizatsii i svyazi Kuybyshevskoy dorogi (for Lazarevich). 5. Vereshchaginskaya distantsiya signalizatsii i svyazi Sverdlovskoy dorogi (for Osipov).

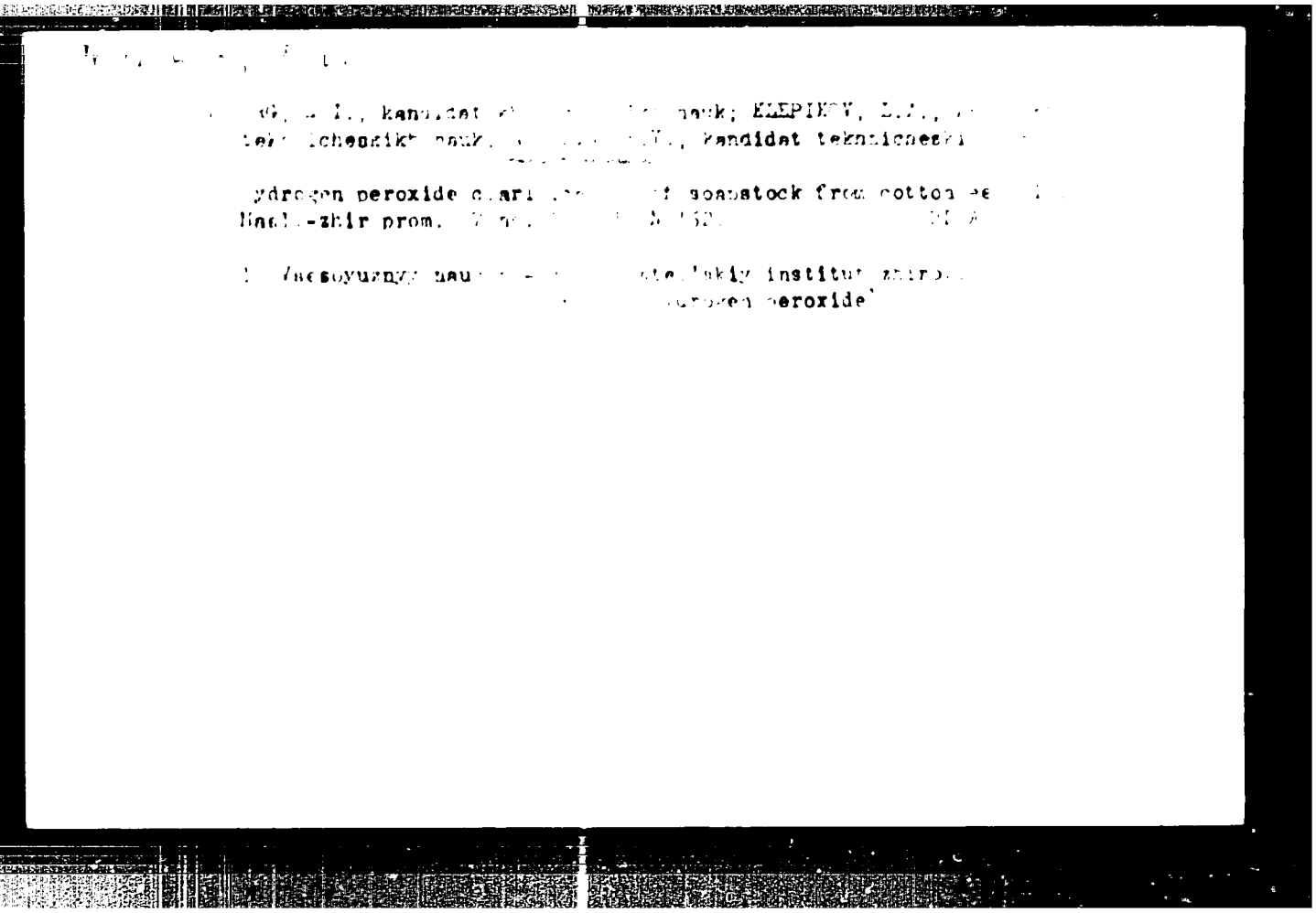
(Railroads--Electric equipment)
(Railroads--Signaling)





Rayon





NEBOL'SIN, A.A.

Interrelationship of magnetite and hematite in contact-metasomatic ores as revealed by the studies in the Akbyurat deposti (central Kazakhstan). Izv.vys.ucheb.zav.; geol.i razv. 6 no.3:56-60 Mr '63. (MIRA 16:5)

1. Yakutskiy gosudarstvennyy universitet.
(Kazakhstan—Magnetite) (Kazakhstan--Hematite)

NEPOL'SI., I. M.

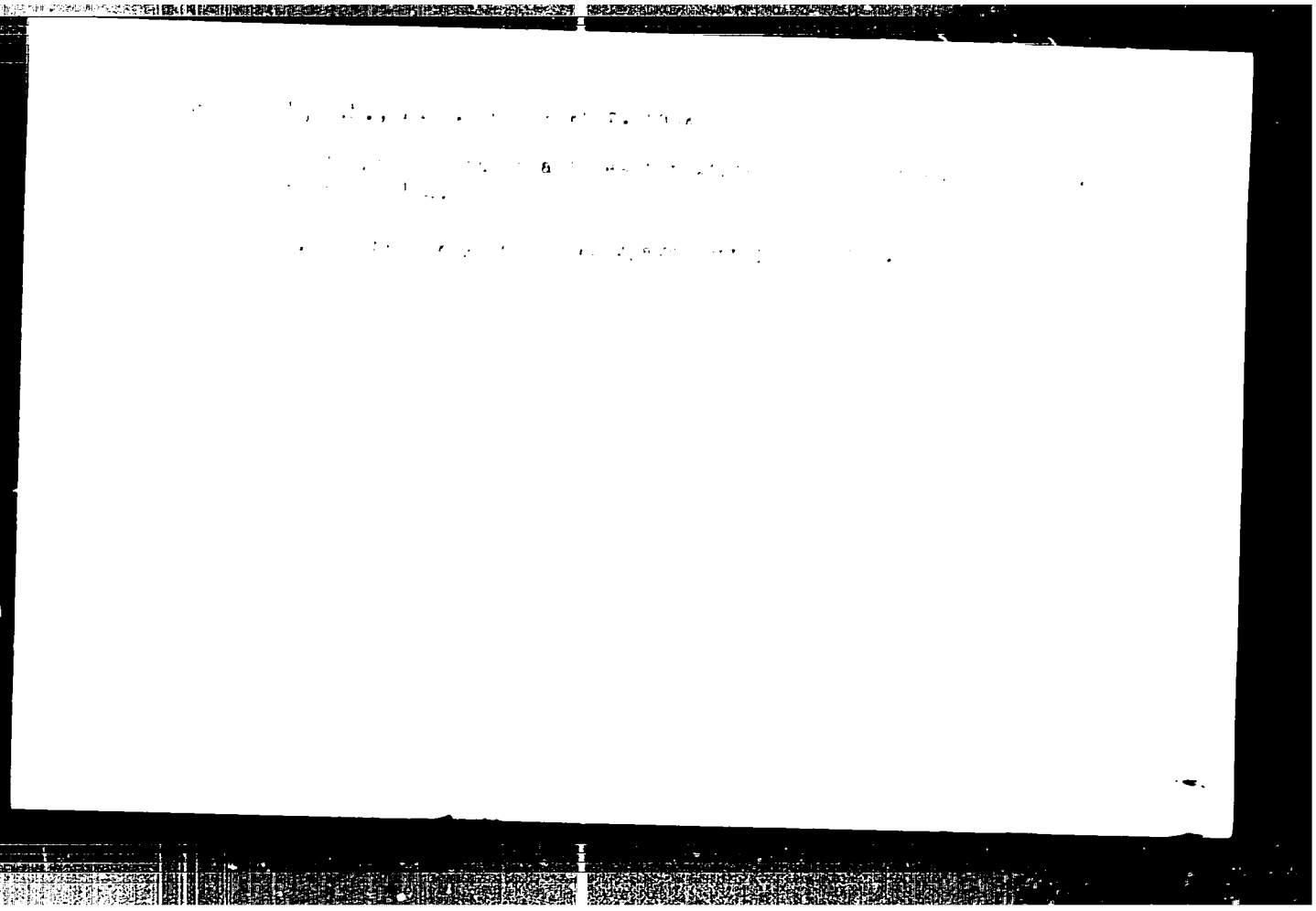
NEPOL'SI, I. M. -- "The Dynamics of the Physicochemical Properties of Soil in Connection with the Irrigation of Grain, Wheat and Vegetable Crops." Min Higher Education USSR. Voronezh Agricultural Inst. Voronezh, 1956.
(Dissertation for the Degree of Candidate in Agricultural Sciences).

SO: Knizhnaya Letopis', No 9, 1956

NEBOL'SIN, I.M., kand.sel'skokhoz. nauk; FEDOROV, A.M.

Operating cultivators at increased speeds. Zemledelie 23 no.6:76-77 Je '61. (MIRA 14:6)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Cultivators)



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

1. MEROL'SIN, I.S., SEMENOV, A.M.

2. USSR (600)

4. Building Materials-Transportation

7. Determination of economically effective distance in [illegible] of construction organization manufacturing enterprises., Avtom. prom., 30, No.11, 1[illegible]

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

NEBOL'SIN, I.S., kandidat tekhnicheskikh nauk; SEDOV, A.P., inzhener, nauchnyy redaktor; BEGAK, B.A., redaktor; PERSON, M.N., tekhnicheskiy redaktor.

[Economic and technological aspects of the construction industry] Proizvodstvennaia i tekhnicheskaia baza stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1954. 334 p. [Microfilm] (MLRA 7:11)

(Construction industry)

NEBOL'SIN, Ivan Stepanovich, kand.tekhn.nauk; BERSHIDSKIY, A.Kh., kand. tekhn.nauk, nauchnyy red.; BEGAK, B.A., red.; NAGISHKINA, T.M., tekhn.red.

[Technical and economic accounting of production and engineering basis of construction] Tekhniko-ekonomicheskii raschet proizvodstvennoi i tekhnicheskoi bazy stroitel'stva. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 93 p. (MIRA 11:1)
(Construction industry--Accounting)

NEBOL'SIN, I.S., kand. tekhn. nauk; DANILEVSKIY, A.S., inzh.; SAPRYKIN, V.A., nauchnyy red.; BEGAK, B.A., red. izd-va; UDOD, V.Ya., red. izd-va; TOKER, A.M., tekhn. red.

[Present-day engineering in industrial and civil construction] Sovremennaia tekhnika v promyshlennom i grazhdanskom stroitel'stve. Izd.2., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1958. 289 p. (MIRA 11:7)

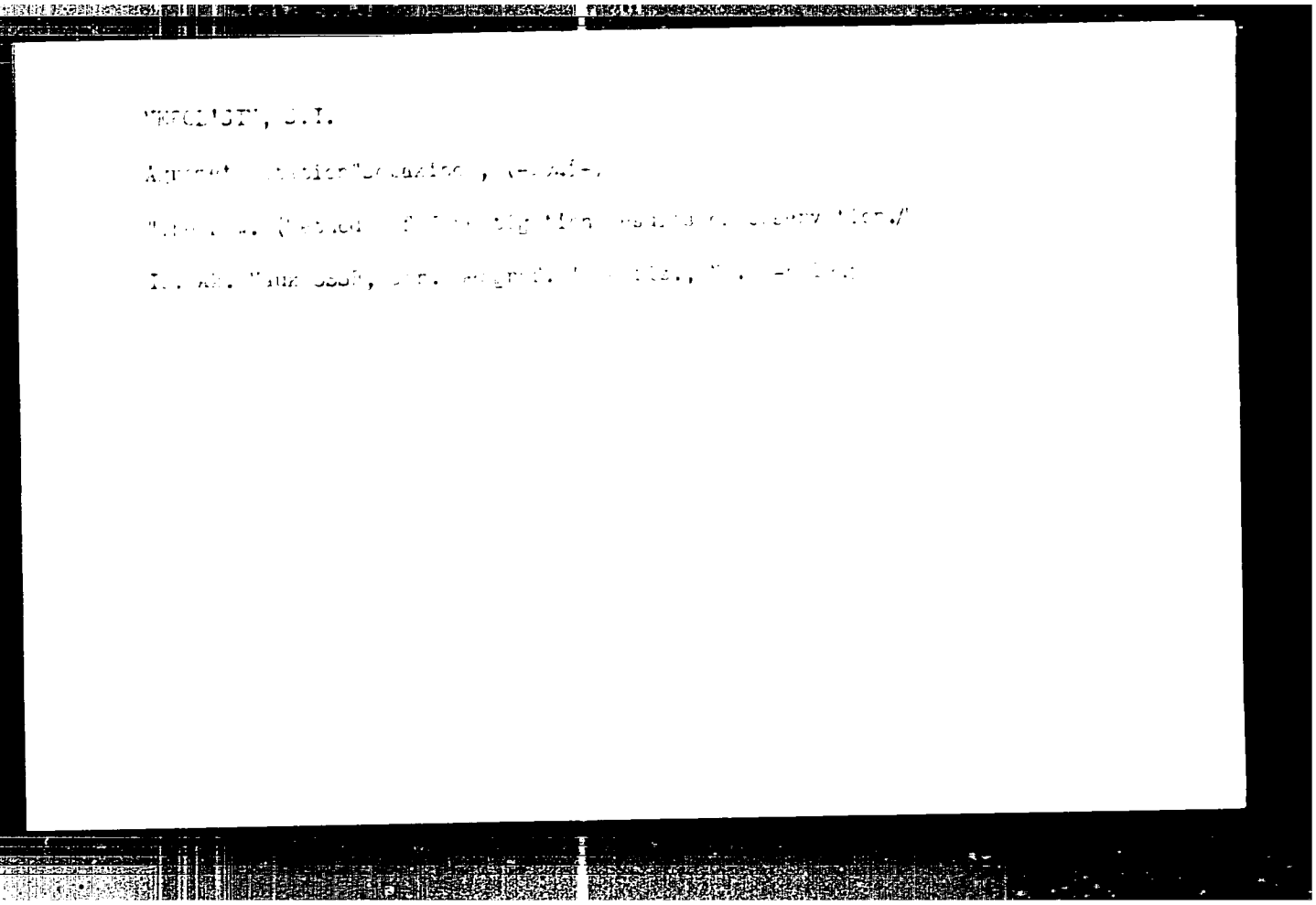
1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Saprykin).

(Construction industry)

GORBUSHIN, P.B.; GUREVICH, M.S.; NEBOL'SIN, I.S.; BUKSHTEYN, D.I.; VAYNTSVAYG, A.S.; LAZAREVICH, S.K.; KARTSEV, Yu.V.; KONTOROVICH, I.A.; KHLYBOVA, A.S.; TSIMBALYUK, A.F.; KUTSENOVA, A.A., red. izd-va; NAUMOVA, G.D., tekhn.red.; TEMKINA, Ye.L., tekhn.red.

[Long-range planning for the expansion and location of sources of supply of building materials and equipment for the construction industry in economic administrative regions: basic regulations] Perspektivnoe planirovanie razvitiia i razmeshcheniia material'no-tekhnicheskoi bazy stroitel'stva v ekonomicheskikh administrativnykh raionakh; osnovnye polozheniia. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 78 p. (MIRA 13:9)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut ekonomiki stroitel'stva. 2. Institut ekonomiki Akademii stroitel'stva i arkhitektury SSSR (for Nebol'sin, Buksnteyn, Vayntsvayg, Lazarevich, Kartsev). 3. Otdel ekonomiki i organizatsii Gosstroya SSSR (for Kontorovich, Khlybova, TSimbalyuk).
(Building materials industry) (Construction industry)



USSR/Hydrology - Hydrological Cycle May/Jun 48

"Calculation of the Hydrological Cycle in the Moscow Area," S. I. Nebol'sin

"Meteorol i Gidrol" No 3, pp 3-8

Twenty-five years observations (1915-1941) by Sobakino Agrometeorol Sta were used to diagram local hydrological cycle in Moscow area. Hydrological cycle was calculated from the formula: Precipitation + Condensation = Evaporation + Runoff + Filtration. Submitted 17 Jun 47.

162T51

NEBOL'SHAYA, S. I.

551.582(47) 551.588.1(47)

[Climatic outline of Moscow Region] —Trudy Tsentral'nyĭ Institut Prognozov, [illegible] 10(57), 1960. 111 p. 25 figs., 69 tables, 26 refs., append. p. 96-111. DLC—Data and a comprehensive discussion of climate for the [illegible] meteorological station Sukharevo (55°46'N, 37°12'E, H=182 m). Averages for each month (1936-41) are given for sunshine duration, total radiation and soil temperature. The period 1915-41 is covered for air temperature (daily minimum also for 5 cm and surface), dewdate and relative humidity, days with dry winds, evaporation, days with precipitation and snow cover. Other tables give the frequency of air masses, temperature frequencies, soil moisture, phenological data for 1954 species and their dependence on meteorological conditions, climatological data for different air masses, etc. *Subject Headings:* 1. Climatic data 2. Air mass characteristics 3. Sukharevo, U.S.S.R. 4. Moscow Region, U.S.S.R.—*A.A.*

1

GRIGOR'YEV, Sergey Nikolayevich; NEBOL'SIN, Ya.V., retsenzent; KAMIOVSKIY, B.S., retsenzent; LAPTEV, M.I., red.; LOBANOV, Ye.M., red. izd-va; RIDNAYA, I.V., tekhn.red.

[Beaconage and the principles of navigation] Sudokhodnaia ob-stanovka i osnovy sudovozhdeniia. Moskva, Izd-vo "Rechnoi transport," 1962. 245 p. (MIRA 15:12)
(Inland navigation) (Beacons)

MOSKACHEVA, K.A.; MIRIMOVA, T.D.; SHPARO, L.A.; NEBOL'SINA, L.I.; BARASHNEV, Yu.I.

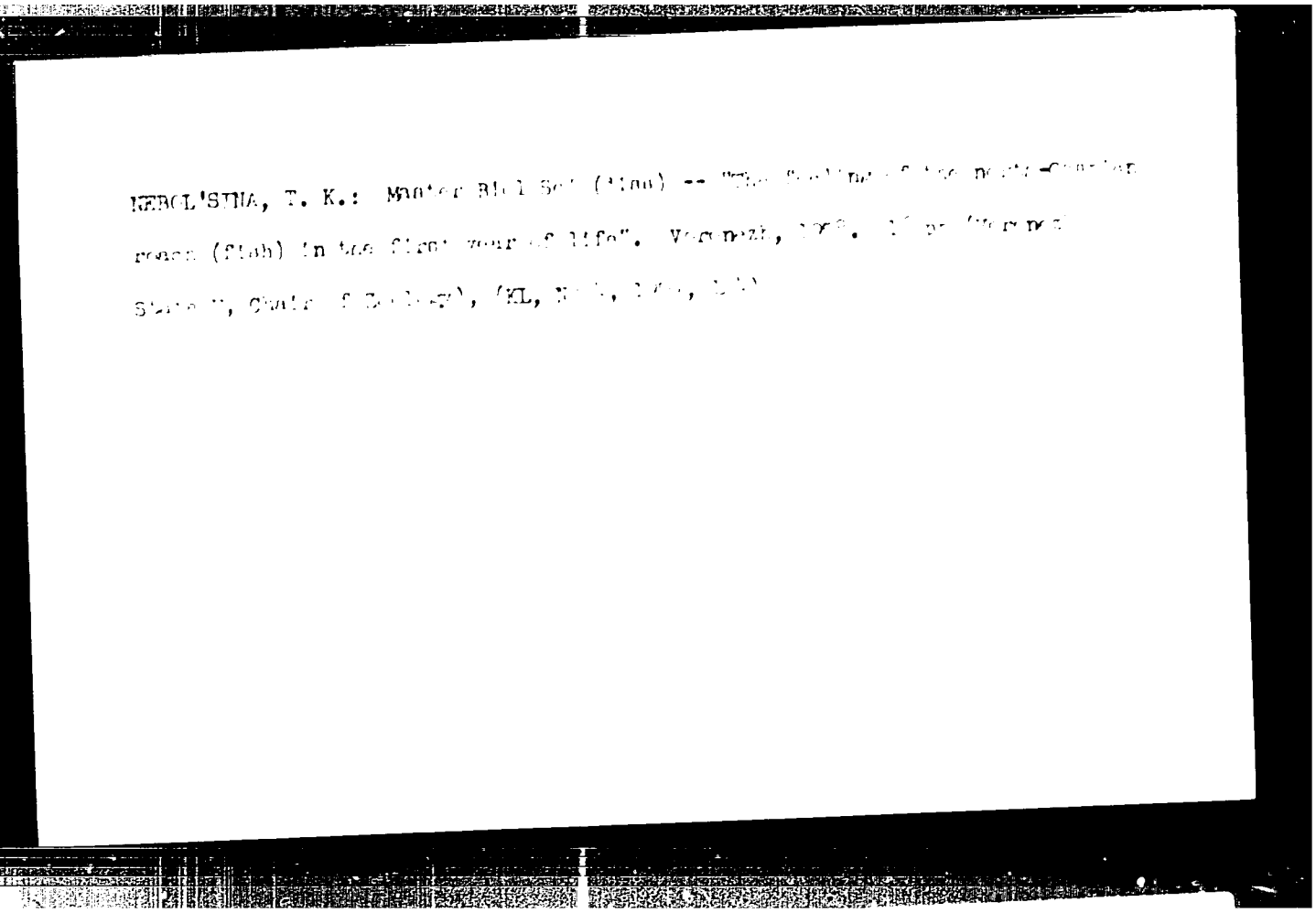
Radiation lesions in children as a result of treating malignant and benign tumors. Med.rad. 7 no.7:38-45 Jl '62. (MIRA 15:11)

1. Iz Instituta pediatrii AMN SSSR (zav. rentgenologicheskim otdelom - doktor meditsinskikh nauk K.A. Moskacheva).
(RADIATION SICKNESS) (CANCER) (TUMORS)

NEBOL'SINA, T.K.; PAVLOVSKIY, E.N., akademik.

Nutrition of the young of the roach and bream in the northern part of the Caspian Sea. Dokl.AN SSSR 91 no.5:1225-1228 Ag '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Pavlovskiy). 2. Kaspiyskiy basseynovyi filial Vsesoyuznogo nauchno-issledovatel'skogo instituta morskogo rybnogo khozyaystva i okeanografii (for Nebol'sina).
(Caspian Sea--Carp) (Carp--Caspian Sea)



NEBOL'SINA, T. K.: Master Biol Sci (diss) -- "[illegible] peach (Stah) in the first years of life". Yerevan, 1958. 14 pp (Yerevan State U, Chair of Zoology), 150 copies, free, bibl

NEBOL'SINA, T.K.

Crabs in the Caspian Sea. Priroda 48 no.6:116-117 Je '59.
(MIRA 12:5)

1.Kaspiyskiy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii, Astrakhan'.
(Caspian Sea--Crabs)

NEBOL'SINA, T.I.

Effect of streamflow regulation of the Volga River on the productivity of roach, bream, and pike perch. Trudy sov. ikht. kom. no.13:411-413 '61. (MIRA 14:8)

1. Kaspiyskiy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii - KaspNIRO.
(Volga River--Fisheries)

ZHIVILOVA, L.M., kand.tekhn.nauk; LYUTS'KO, V.V., tekhnik; NEBOL'SINA, T.V., tekhnik; SHKULIN, N.A., inzh.; MAKAROV, Ye.A., inzh.

Automatic device for indicating water hardness. Elek.sta. 32 no.4:40-44 Ap '61. (MIRA 14:7)

(Feed-water purification)

(Chemical engineering--Equipment and supplies)

BOL'SINOV, V.

We shall respond by action to the decisions of the plenum of the Central Committee of the CPSU. Sov. profsoiuzy 17 no. 3:6-8 F '61. (MIRA 14:2)

1. Predsedatel' Orenburgskogo obkoma profsoyuza rabochikh i sluzhashchikh sel'skogo khozyaystva i zagotovok.
(Orenburg Province--Trade unions)
(Orenburg Province--Stat[illegible])
(Socialist competition)

ACC NR: AR6027133 SOURCE CODE: UR/0272/66/000/004/0140/0140

AUTHOR: Chebotarev, A. V.; Nebolyubov, Ye. Yu.

TITLE. Determining the sensitivity of digital bridge circuits with inductive arm coupling

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 4.32.1017

REF SOURCE: Sb. Datchiki i skhemy vlagomerov i urovnemerov dlya neftekhim. prom-sti. Frunze, Ilim, 1965, 23-32

TOPIC TAGS: electric device, electric measuring instrument, digital system

ABSTRACT: The problem is considered of determining and analyzing the absolute sensitivity of bridge circuits inductively coupled with respect to the controlled parameter, i.e., with respect to the number of turns in the controlled bridge arm. It is shown that in such bridge circuits, which operate in the near resonance region, a permanent absolute sensitivity with respect to the number of turns in the controlled winding can be obtained. This property is important in the case of digital bridges. [Translation of abstract] Bibliography of 4 titles. P. Agaletskiy

SUB CODE: 09

Card 1/1 UDC: 53.089.52:621.317.733

621.313.36.047.2

460. **Modelling of the commutation process in single-phase a.c. commutator motors.** YU. E. NEBOLYUBOV. *Elektrichestvo*, 1953, *No.* 3, 39–43. *In Russian.*

The author's model was driven by a synchronous motor at 1500 r.p.m., so that the commutation process could be synchronized with the current process in the system. In the model, the commutator stood still, whilst the brush system –two brushes each covering two commutator bars – rotated. The relation between the instant of commutation and the phase of the current could be adjusted by altering the position of the commutator. The modelled armature winding was also stationary and interchangeable, so that various windings of differing self-inductances, thus producing different effects on the commutation process, could be examined.

B. I. KRAUS

NEBOLYUBOV, Yu. Ye.

NEBOLYUBOV, Yu. Ye. : "Problems of commucation of AC collector machines in systems of industrial-frequency electric traction." Acad Sci USSR. Inst of Electromechanics. Tomsk, 1956. (Dissertation for the Degree of Doctor in Technical Science.)

Knizhnaya letopis', No. 31, 1956. Moscow.

Nebolyubov, Yu. E.

2

621.313.047.2 : 621.383

PHOTOELECTRIC METHOD OF INVESTIGATING AND ADJUSTING THE COMMUTATION OF ELECTRIC MACHINES

Yu.E Nebolyubov

Elektrichestvo, 1956, No. 11, 34-7 In Russian

A photocell is used in conjunction with an amplifier and a suitable integrating network to obtain the mean value of the luminous flux emitted by the sparking process during commutation. A neon lamp is used as a standard for calibration purposes. B F Kraus

Inst. Electromechanics, AS USSR

NEBOLYUBOV, Yu.Ye., kand.tekhn.nauk, dotsent

Use of photometry for studying the commutation of collector machines.
Trudy TEIIZHT 23:114-129 '57. (MIRA 13:11)
(Photometry) (Commutation (Electricity))

NEBOLYUBOV, Yu.Ye., dotsent, kand.tekhn.nauk

Study of the commutation of a.c. collector generator. Trudy TEIIZHT 25:115-129 '58. (MIRA 13:10)
(Commutation (Electricity)) (Electric generators)

NEBOLYUBOV, Yu.Ye., dotsent, kand.tekhn.nauk

Study of circuits for the improvement of the commutation of a.c. collector machinery. Trudy TEIIZHT 25:130-148 '58. (MIRA 13:10)
(Commutation (Electricity))
(Electric machinery--Alternating current)

NEBOLYUBOV, Yu. Ye., Doc Tech Sci -- (diss) "Problems of commutation in commutator machines using alternating current in systems of electrical traction at industrial frequencies." Tomsk, 1960. 19 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Tomsk Order of Labor Red Banner Polytechnic Inst im S. M. Kirov); 180 copies; price not given; list of author's works at end of text (11 entries); (KL, 26-60, 133)

NEBOLYUBOV, Yu.Ye.; KOZLOV, V.N.

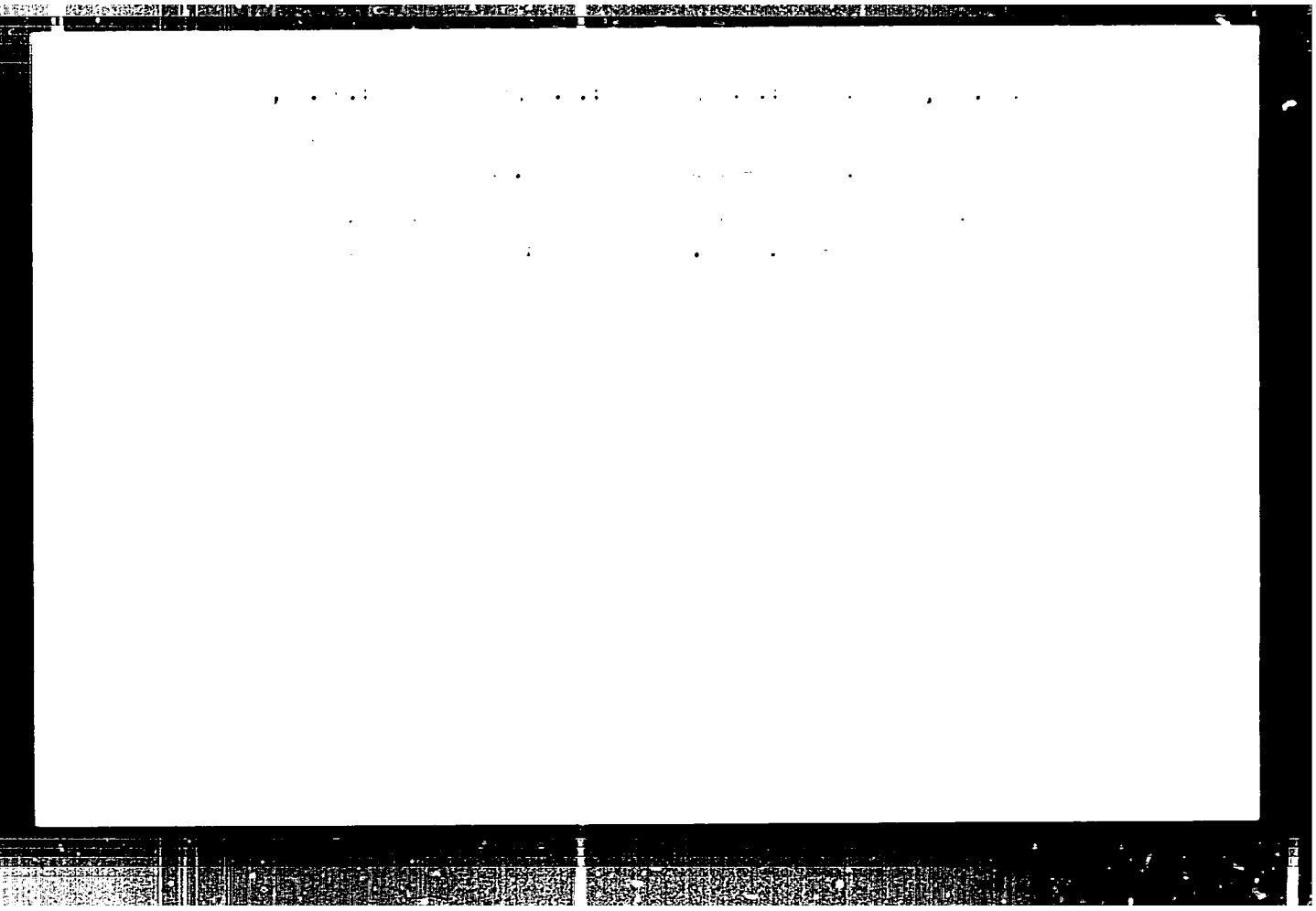
Voltampere characteristics of an a.c. brush contact. Trudy TEIIZHT 35:37-41 '62. (MIRA 16:8)
(Brushes, Electric) (Commutation (Electricity))

BELYAYEV, V.P.; NEBOLYUBOV, Yu.Ye.

Mathematical analysis of the arcing photocurrent of electrical machines. Trudy TEIIZHT 35:42-51 '62. (MIRA 16:8)
(Electric machinery) (Commutation (Electricity))

BARKOVSKIY, B. S., inzh.; YEREMIN, N. Ye, inzh.; KOZLOV, V. N., inzh.; NEBOLYUBOV, Yu. Ye, kand.tekhn.nauk, dotsent; SHALIMOV, M. G., kand.tekhn.nauk, dotsent

Effect of the traction load on the turbogenerators of electric power plants supplying single-phase 50 c.p.s. power to electric railroads. Trudy OMIIT 37:146-150 '62. (MIRA 17:5)



NEKLYUDOV, Yuriy Yevgen'yevich; SHUMILOVSKIY, N.N., otv. red.

[Commutation in a.c. commutator engines] Kommutatsiia kollektornykh mashin peremennogo toka. Frunze, Ilim, 1965. 171 p. (MIRA 18:11)

L 04902-67 EWT(d)/EWP(l) IJP(c) GG/GD/GD
ACC NR: AT6028705 SOURCE CODE: UR/0000/66/000/000/0028/0032

AUTHOR: Nebolyubov, Yu. Ye.; Filippov, N. A.; Shvayko, N. V.

ORG: none

TITLE: A voltage-controlled pyramidal decoder

SOURCE: AN KirgSSR. Institut avtomatiki. Uzly i ustroystva diskretnogo deystviya (Digital elements and devices). Frunze, Izd-vo Ilim, 1966, 28-32

TOPIC TAGS: digital decoder, circuit design, digital analog converter

ABSTRACT: This decoder converts (decodes) an n-place N'-th number successively in time, beginning with the most significant and ending with the least significant digit, into a single-digit number having a certain number of signs. Decoder configuration is thus a tree of a certain degree of complexity, in which each branching (selection) node, including the first, has a number of branches which equals the number of signs in the given digital place. The speed of response of this decoder and the amount of current which it can deliver to the final control element, as well as the minimum current needed for switching the diodes of all degrees of selection, not including the last, are determined by the type of switching diode used in the circuit. This decoder may be used both with the unipolar circuit described in the article and

Card 1/2

L 24902-67
ACC NR: AT6028705

with a dipolar one. In the latter case the number of switching diodes and resistors in the firing circuits is reduced almost by half. This decoder may be partially used in conjunction with other types of contactless decoders of both pulse and voltage types. In this case the switching diodes and the methods of turning them on may be used in several selection stages, but preferably in just the final one. Operation of two circuits is described in detail. Orig. art. has: 6 formulas and 2 figures.

SUB CODE: 09/ SUBM DATE: 22Feb66/ ORIG REF: 002

Card 2/2

L 04903-67 EWT(1) GD

ACC NR: AT6028703 SOURCE CODE: UR/0000/66/000/000/0003/0006

AUTHOR: Nebolyubov, Yu. Ye.; Filippov, N. A.; Sukhotin, V. S.; Veys, L. D.

ORG: none

TITLE: Programmed time relay using contactless elements

SOURCE: AN KirgSSR, Institut avtomatiki, Uzly i ustroystva diskretenogo deystviya (Digital elements and devices). Frunze, Izd-vo Ilim, 1966, 3-6

TOPIC TAGS: time relay, circuit design, time switch

ABSTRACT: The authors describe a programmed time relay with an output giving 20 different time periods, each from 5 to 100 sec long, and set by the operator by means of a switch. The device uses magnetic elements with square-wave hysteresis loops, a binary scaling circuit permitting reduction of the number of elements in the whole circuit, and series scalers of the shift register type. The programmed time relay consists of a master pulse generator, binary scaler (9 locations), two-clock pulse conversion rule, 20 coding rings, two-clock pulse coder register, 20 switches, output relay, and buttons and switches for controlling and starting the time relay. Multivibrator stability determines time period stability. The 20 switches insert a predetermined program for emitting time periods. The length of the n-th period is set by

Card 1/2

L 04903-67
ACC NR: AT6028703

the corresponding n-th switch. Orig. art. has: 1 formula and 1 figure.

SUB CODE: 09/ SUBM DATE: 22Feb66/ ORIG REF: 001

Card 2/2

USSR / Virology. Human and Animal Viruses. Rabies Virus. E-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81319

Author : Nebolyubova, O. Ya.
Inst : Tomsk Scientific Research Institute of Vaccines and Sera.
Title : Significance of the Condition of the Central Nervous System in the Clinical Picture of Experimental Rabies.

Orig Pub : Tr. Tomskogo n.-i. in-ta vaktsin i syvorotok, 1956, 2, 209-216

Abstract : No abstract given.

Card 1/1

NEBOLYUBOVA, G.Ye.; SOKOLOVA, N.V.

Bacteriological and pathoanatomical characteristics of acute radiation sickness caused by the action of a 25 Mev betatron. Trudy TomNIIVS 11:304-310 '60. (MIRA 16:2)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok i Tomskiy meditsinskiy institut.
(RADIATION SICKNESS)

TYUSHNYAKOVA, M.K.;NEBOLYUBOVA, G.Ye.

Complement fixation reaction as a method of determining the specific activity of antirabic serum and gamma globulin. Trudy Tom NIIVS 12:261-265 '60. (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

NEBOLYUBOVA, G.Ye.

Comparative study of dry antirabic vaccine prepared by different methods. Trudy Tom NIIVS 12:275-280 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

*

NEBOLYUBOVA, G.Ye.; SOKOLOVA, N.V.

Means of the distribution of intestinal autoflora in acute radiation sickness caused by the action of a 25 Mev betatron. Trudy Tom NIIVS 12:285-291 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok i Tomskiy meditsinskiy institut.

*

NEBOLYUBOVA, G. Ye.

Comparative study of a dry antirabies vaccine prepared by means of various methods. Mauch. oen. proizv. bakt. prep. 10:9-15 '61. (MIRA 18:7)

1. Tomskiy institut vaktsin i syvorotok.

Neborak, A.N.

USSR/Forestry - Forest Culture. J-4

Abs Jour : Referat Zhur - Biologiya, No 16, 25 Aug 1957, 69133

Author : Leontev, A.A., Stepanov, A.M., Neborak, A.N., Koksharova, N.E., Kukorekina, E.A.

Inst :

Title : Most Effective Methods of Bind and Afforestin. Shifting Sands.

Orig Pub : Byul. nauchn.-tekhn. inform. Sredneaz. n.-i. in-ta lesn. kh-va, 1955, No 1, 6-16

Abstract : Based on experiments conducted on sands of Turkmen and Uzbek SSR, recommendat ons are suggested on rationalization of sand consolidation measures. Instead of mechanical protection with plantings of shoots and seedlings, especially in districts with comparatively light winds, the use of a lightened spread of mechanical protection is recommended: yantak, reed, mace and wormwood in conjunction with combined sowings and plantings. In furrowed

Card 1/2 - 57 -

USSR/Forestry - Forest Culture. J-4

Abs Jour : Referat Zhur - Biologiya, No 16, 25 Aug 1957, 69133

grooves a mechanized sowing of haloxylon is suggested without mechanical protection. Data are given on protective construction, agrotechnique of cultivations and assortment of species.

Card 2/2 - 58 -

BARANOV, A.A.; GRECHNYY, Ya.V.; Prinimali uchastiye: MOVCHAN, V., student; NEBORAK, P., student; PIROGOV, V., student

Coalescence of graphite. Lit. proizv. no.5:25-28 My '62. (MIRA 16:3)
(Cast iron—Metallurgy)

NEBOSKLONOV, A.; LUZIN, Yu.; SMIRNOV, A.

Making prestressed reinforced concrete girders. Bet. i zhel.-bet. no.10:476-477 O '60. (MIRA 13:10)

1. Glavnyy inzhener Stroytresta No.4, Chernigov (for Neboskonov). 2. Zamestitel' glavnogo inzhenera Stroytresta No.4, Chernigov (for Luzin). 3. Direktor zavoda zhelezobetonnykh izdeliy, Chernigov (for Smirnov).

(Girders)

NEBOSKLONOV, A.L.; LUZIN, Yu.N.

Nylon combine in Chernigov. Prom. stroi. i inzh. soor. 1 no.1:18-21 O '59. (MIRA 13:12)

1. Glavnyy inzhener tresta No.4, Chernigo (for Neboskonov).
2. Zamestitel' glavnogo inzhenera tresta No.4, Chernigov (for Luzin).

(Chernigov--Textile factories)

NEBOSKLONOV, B. L.

(5) 6

Continuous production of vinylidene chloride. S. E. Erlikh, B. L. Nebosklonov, L. T. Barabash, M. T. Kordonskii, and G. Ya. Gordon. U.S.S.R. 78,465, Dec. 31, 1949. Cl_2CHCH_2Cl is treated with hot milk of lime in a vertical flow app. and the reaction products are sepd. in a spray separator. M. Hosch

11-5-54

NEBOS'KO, R.M.

Let us improve the supply of drugs for the people. Zdrav. Bel. 7 no.5:42-43 My '61. (MIRA 14:6)

1. Upravlyayushchiy aptekoy No.21 Minska.
(MINSK—DRUGSTORES)

5-8-11/34

AUTHOR: Nebotov, A.A., Lotnant, Director of the Khar'kov Law Institute

TITLE: Toward a More Active Solving of the Problems Set by "Letter И -100" (Aktivneye reshat' zadachi, postavlennyye "Pis'mom И -100") A Year's Work According to New Instructions (God raboty po novomu)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 8, pp 59-61 (USSR)

ABSTRACT: The author refutes the opinion of some humanitarian vuzes and faculties that the instructive letter of the USSR Ministry of Higher Education of 15 Sep 1956 refers to technical vuzes only.

When dealing with the Ministry's letter, the pedagogical personnel of the Khar'kov Law Institute (Khar'kovskiy yuridicheskiy institut) concentrated its attention principally on instructional questions, and started to eliminate duplications from a number of courses, and introduce seminars as replacements for certain lectures. To promote student independent work, an "on duty" service of professors and instructors was arranged. It proved harder to reorganize the teaching process than to change the character of scientific work. In addition to considerable time which had to be made available for this purpose, a number of questions on the organization of work had to be solved.

Card 1/3

Toward a more Active Solving of the Problems set by "Letter И -100"

During the past year the members of the Institut introduced into the teaching process quite a number of substantial changes which should yield favorable results in the scholastic year 1957/58. The work carried out by some instructors at the Ukrainian Commission of the Ministry of Justice in compiling projects of republic law codes served to establish practical requirements and brought up subjects which were included in the plan of scientific activity. The codification was carried out with reference to monographs of Professors S.I. Vil'nyanskiy, M.M. Grodzinskiy and Dotsent A.L.Rivlin. The researches of Dotsents M. I. Baru, V.A.Barkhatyan, S.M. Yakuba, senior instructor R. S. Pavlovskiy, Candidate of Juridical Science V.V. Kopeychikov, Dotsent A.N.Kolesnichenko and Professor S.L. Fuks, laid down in their monographs, and included in the plan, are also mentioned.

The author believes that the letter "И-100" will have a positive effect only if the scientific initiative of the vuz instructors finds due support. This refers in particular to

Toward a more Active Solving of the Problems set by "Letter A -100"

the compiling of textbooks. It is time to end the monopoly exercised by the Moscow vuzes in this matter. The All-Union Law Correspondence Institute (VYuZI) has proved that the instructors of the peripheral law vuzes are in a position to furnish the students with good instructional literature.

ASSOCIATION: Khar'kov Law Institute (Khar'kovskiy yuridicheskiy institut)

AVAILABLE: Library of Congress

Card 3/3

YEVDOKIMOV, V.I., inzh.; KURSHIN, I.K., ninzh.; NEBOV, Iu.N., insh.

Semitrailer with controllable wheels for transporting long structural elements. Stroi. i dor. mash. 7 no.7:21-22 Jl '62. (MIRA 15:7)
(Truck trailers) (Precast concrete--Transportation)

NEBOV, Yu. N., inzh.

Timber carrying dump trucks with automatically opening braces.
Av.transp. 40 no.7:44-45 Jl '62. (MIRA 15:8)
(Dump trucks)

Nebova, D. V.

5(0)

AUTHORS: Mashovets, V. P., Ponomareva, A. M. SOV/153-2-2-31/31

TITLE: Chronicle. All-Union Competition for the Best Students-paper Concerning Chemistry and Chemical Technology for the Scholastic Year 1957-1958 (Khronika. Vsesoyuznyy konkurs na luchshuyu studencheskuyu rabotu po khimii i khimicheskoy tekhnologii za 1957-1958 uchebnyy god)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1959, Vol 2, Nr 2, pp 303-304 (USSR)

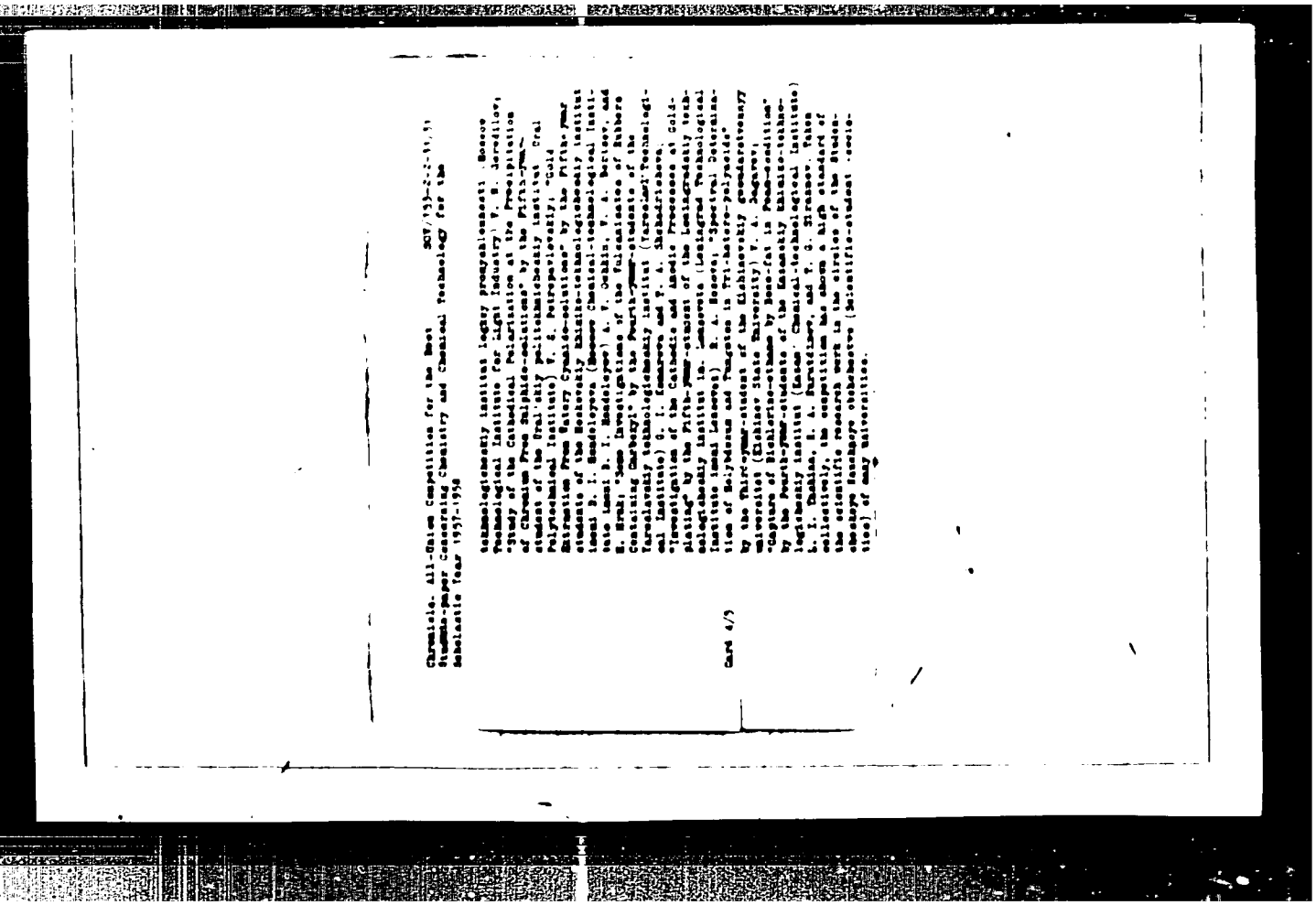
ABSTRACT: The Ministerstvo vysshego obrazovaniya SSSR (Ministry for University-education of the USSR) carried out the competition mentioned in the title, within the framework of the Studencheskiye nauchnyye obshchestva (Scientific Student Societies) covering 37 subjects of science, technology, arts, and culture. The Leningradskiy tekhnologicheskiy institut imeni Lensoveta (Leningrad Technological Institute imeni Lensovet) was entrusted with the subject "Chemistry and Chemical Technology". A commission was formed consisting of Professor V. B. Aleskovskiy, V. P. Mashovets (Chairman), I. P. Mukhlenov, A. A. Petrov, B. A. Poray-Koshits, Docent P. A. Yablonskiy, and Candidate of Chemical Sciences A. M. Ponomareva (Secretary). The following persons acted as critics: The Professors A. P. Alabyshev, A. N. Ginstling, I. S. Ioffe, N. I. Khyaginichev, L. Ya. Kremnev, A. D. Gusev, A. N. Maltsev, I. E. Maslenitskiy, K. P. Mishchenko, Yu. V. Morachevskiy, with the collaborators, N. S. Bogomin, Yu. K. Novodranov, V. V. Perekalin, A. L. Rotinyan, A. V. Satalkin, A. V. Storonkin, and T. A. Favorskaya with collaborators, A. N. Khmelotskiy; Docents A. Ye. Akin, L. M. Batuner, M. I. Gil'dengershel', O. P. Ginzburg, I. A. D'yakonov, S. G. Zhavoronok, S. N. Zhilov, Ye. S. Rozkin, P. S. Sokolov, N. P. Starostenko, N. N. Sychev, A. T. Trushchenko; Chief scientific [illegible] D. P. Ioffe; Candidates of Sciences G. A. Bel'chenko, N. K. Kryuyeva, O. N. Sotkina, B. P. Yur'yev; Engineers: Kostyreva, Senyusheva, and Yaroslinskiy. The paper "Synthesis and Self-oxidation of the p-Di-Secondary Butyl-benzene" by V. S. Novgorodniy, Fifth-year student of the Voronezhskiy gosudarstvennyy universitet (Voronezh State University) was awarded a medal for being the best. The second candidate for the medal is the

Card 1/3

Fifth-year-student of the Kiyevskiy gosudarstvennyy universitet (Kiyev State University) K. P. Lyashev. He submitted the paper "Kinetics of the Non-stationary Catalytic Decomposition-process of Hydrogen-peroxide on Platinum". The third medal was awarded to the Fourth-year-students of the Ivanovskiy khimiko-tekhnologicheskiy institut (Ivanovo Chemical-technological Institute) D. V. Nebova, A. I. Sotnikova, T. T. Simagina, and R. N. Sulyagina for the paper: "Method of Continuous Regeneration of Zinc-chloride From Waste Water of the Kineshma Fibre Factory". Besides these three papers, the commission selected further 6 papers which deserve publication owing to their maturity and originality. The papers are "Utilization of Phosphorous Gypsum for the Production of Local Construction-binding Materials" by the Fourth-year-students of the Ivanovo Institute (see above) A. V. Tochilova and A. A. Fadeyeva; "Study of the Influence of the Dispersion of Polymer Particles, When Being Disintegrated, on the Molecular Weight" by the Third-year-student of the Moskovskiy

Card 2/3

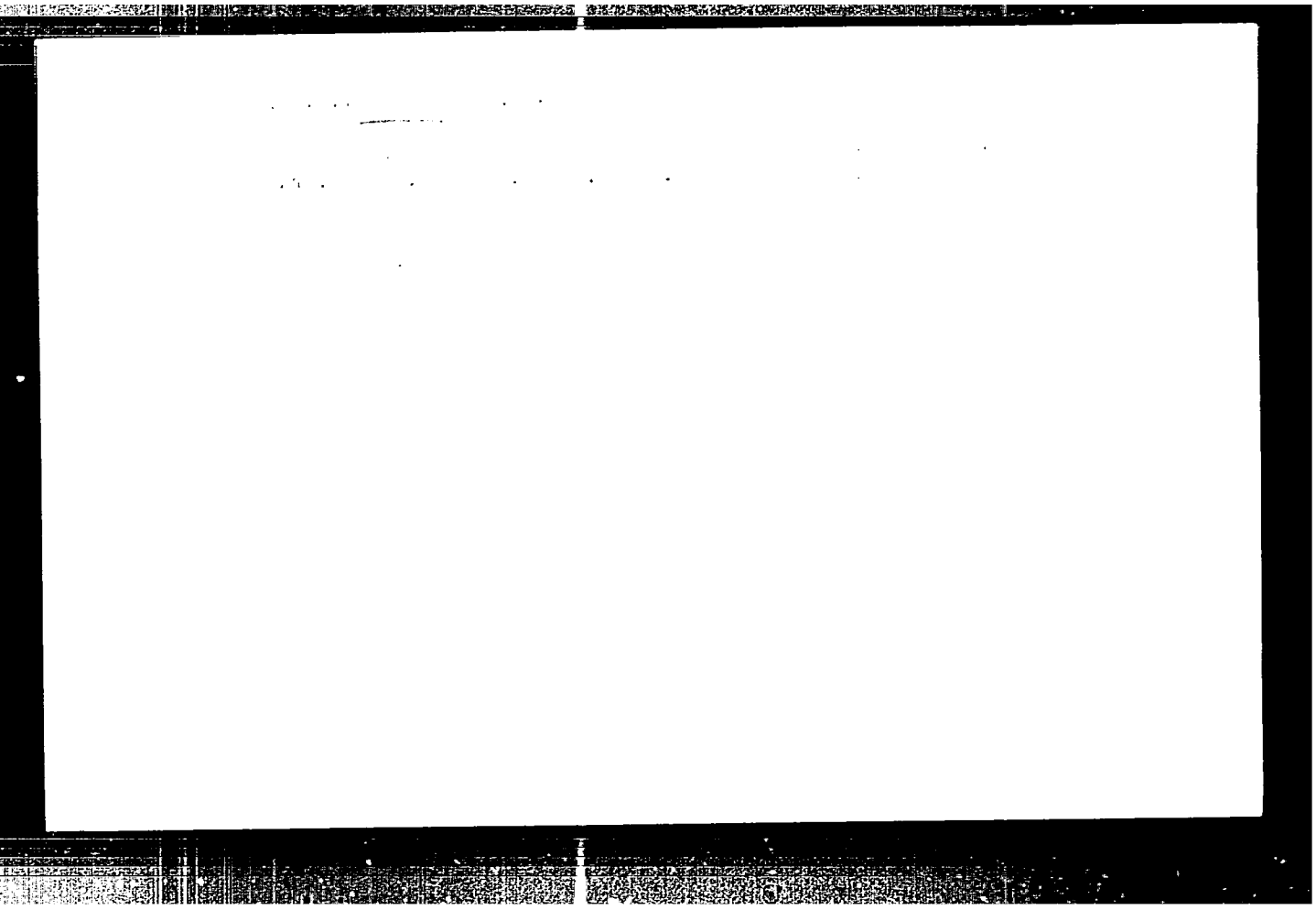
Card 3/3



NEBOVA, D.V.

The day of technological information at textile plants of [illegible] economic council. Opyt. rab. po tekh. inform. i prop. no. [illegible] 37-39 '63. (MIRA [illegible]

1. Starshiy inzh. TSentral'nogo byuro tekhnicheskoy inform Ivanovskogo soveta narodnogo khozyaystva.



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

ORESTOV, I.L.; NEBOLSINOVA, Z.I.

Synthesis of Kaybin's reagent ( ). Zh.obshch.khim. 31
no.7:1681-1687 Jl '61. (MIRA 14:7)

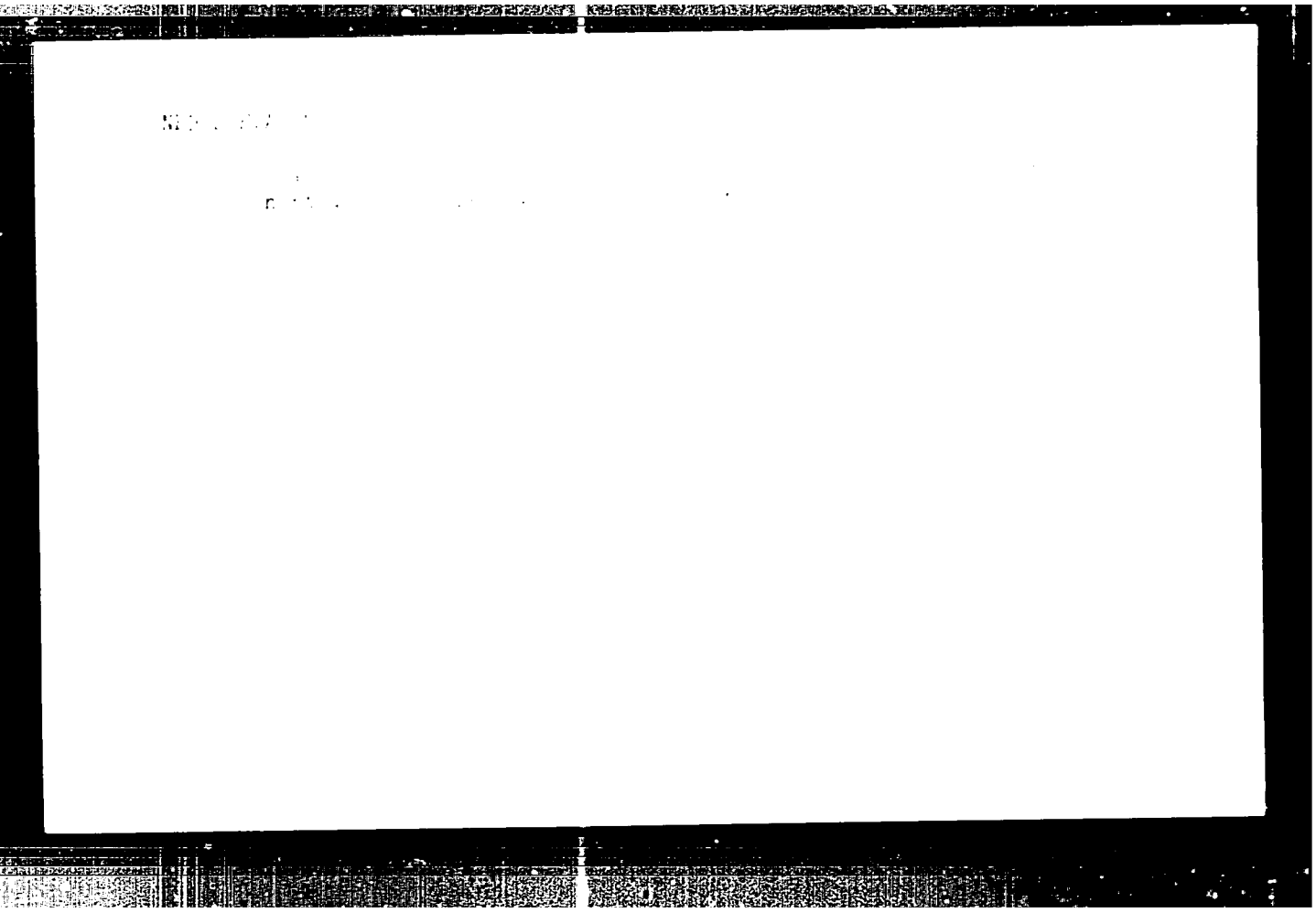
1. Pyatigorskiy farmatsevticheskiy institut.

MARKARYAN, Ye.A., podpolkovnik meditsinskoy sluzhby; NEBOYALOV, N.N., mayor meditsinskoy sluzhby; ZAGORUYCHENKO, V.S., kapitan meditsinskoy sluzhby; VELICHKO, N.D., kapitan meditsinskoy sluzhby

Mass investigation of troop replacements for carriage of helminths. Voen.-med. zhur. no.4:83 Ap '61. (MIRA 15:6)
(WORMS, INTESTINAL AND PARASITIC)

KRYUGER, P.K.; KOTS, S.L.; KAZAKOV, V.N.; GRECHANSKIY, V.S.; FEDOROV, P.N.; NEBOZHENKO, I.A.; PEREL'MAN, Yu.S.; DANILOV, V.I., inzh., red.; KHITROV, P.A., tekhn.red.

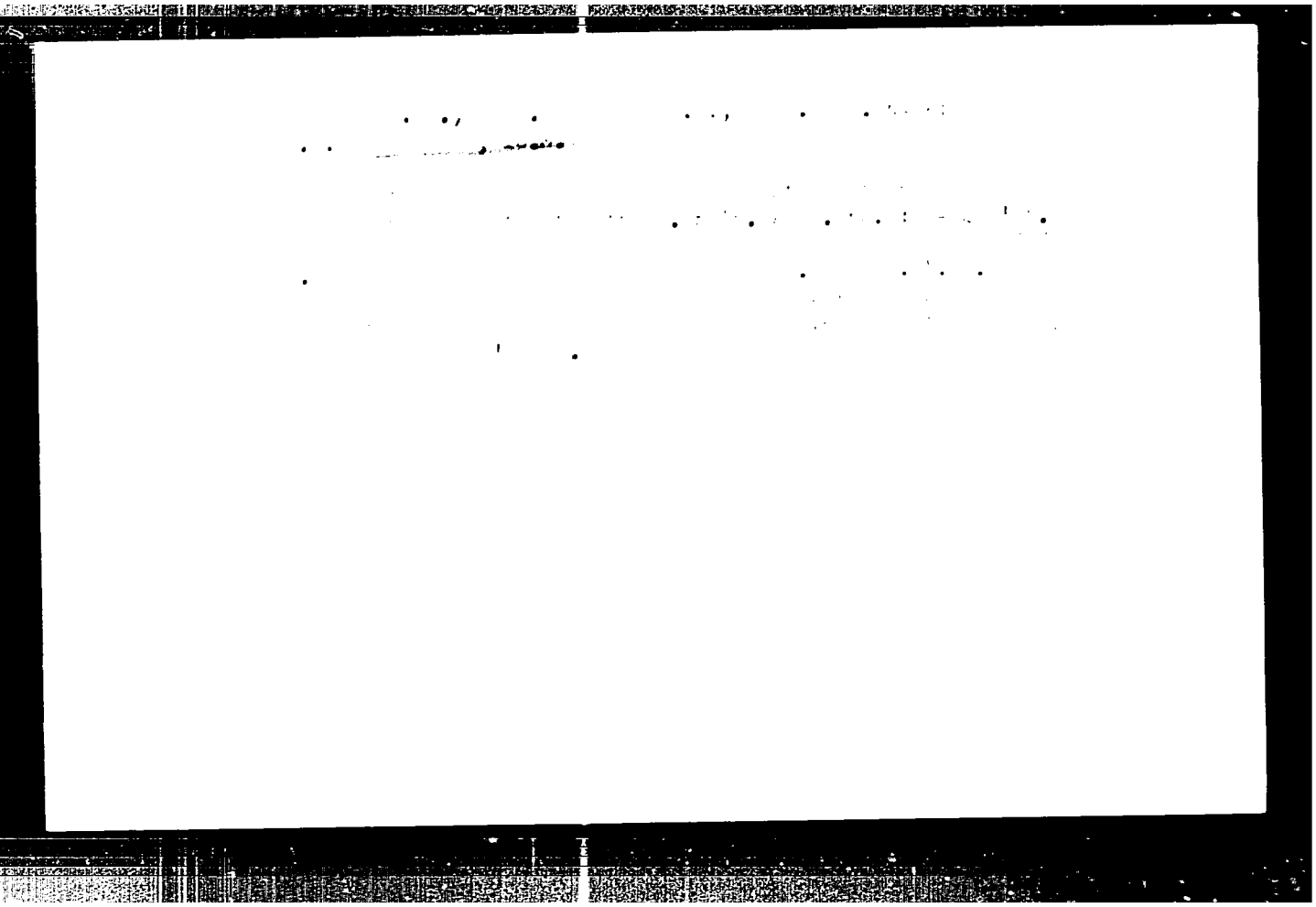
[Repairing electric equipment and cab sections of diesel locomotives] Remont elektrooborudovaniia i ekipazhnoi chasti teplovozov. Moskva, Gos.transp.zhel-dor. izd-vo, 1955. 150 p. (MIRA 11:6)
(Diesel locomotives--Maintenance and repair)



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

NEBOZHEVA, N.P.

Evaluation of the base flow into rivers of the Kola Peninsula and Karelia. Trudy GGI no.122:67-81 '65. (MIRA 18:9)



1. [illegible]; KRENTSEL', B.A.;

2. USSR (600)

4. Gases

7. "Chemical utilization of petroleum hydrocarbon gases," A.S. [illegible], B.A. Krentsel', reviewed by E.A. Kazanskiy, Ya. T. Eydis, Usp. khim. [illegible]

9. Monthly List of Russian Accessions, Library of Congress, [illegible]

NEBRASOV, B. V.

Nebrasov, B. V., Shtutser, V. V., "Spatial Structure of Diborane." (p. 832)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1948, Volume 18, (80), No. 5