

8(5)

SOV/105-59-3-10/27

AUTHORS: Bakayev, Yu. N., ~~Kuznetsov, P. I.~~ (Moscow)

TITLE: On Problems in Starting Condition Calculation in Electric Drives With Direct Current Motor (K voprosu rascheta puskovykh rezhimov v elektroprivodakh s dvigatelyami postoyannogo toka)

PERIODICAL: Elektrichestvo, 1959, Nr 3, pp 47 - 50 (USSR)

ABSTRACT: The analytical investigation of the transient operation of direct current motor drives with an independent excitation can under some assumptions be reduced to the solution of a system of two linear first order differential equations with variable coefficients. In the paper (Ref 1) it was demonstrated that even in a relatively simple case a solution of the problem cannot be found. The computations are, however, considerably simplified if the inductivity of the armature circuit is ignored. Similar methods of solving this problem yielded satisfactory results in a number of cases. The problem under review in this paper is that of a quantitative estimation of the errors in the calculations by means of approximation formulas. The magnetic system of the motor is assumed

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On Problems in Starting Condition Calculation in Electric SOV/105-59-3-10/27
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to be unsaturated. Hysteresis, the voltage drop at the brush contacts and the armature reaction are ignored. A system of equations (1), (2), and (3) describing the transient starting processes in the drive unit is written down. The excitation current i_E in (2) and (3) is taken to be a known function of time. If the time constant of the armature circuit is small as compared to the other time constants involved, i_E and $\omega(t)$ vary very slowly as compared to $i_{\text{armature}}(t)$. Hence, when integrating (2), $i_E(t)$ and $\omega(t)$ may be considered constant. Equation (4) is deduced if it is integrated under the same assumptions as above, namely, that i_E and ω do not depend upon time, we arrive at formula (6) for the armature current. Subsequently equation (8) is obtained, giving the speed ω of the electro-motor. Relations analogous to equation (8) have been presented in the paper cited by reference 7. They are usually obtained by setting the inductivity of the armature circuit $L_A=0$ right at the beginning in formula (2).

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On Problems in Starting Condition Calculation in Electric SOV/105-59-3-10/27
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If this is done, the terms $I(0)\exp(-a\tau)$ in equation (6) and $I(0)i_E\exp(-a\tau)$ in equation (8) are missing. The applicability limits of these equations have not yet been determined. It is shown that the error in using equation (8) amounts to

$$\Delta\omega \ll \sqrt{\frac{T_A}{T_m}}, \text{ where } T_A \text{ is the time constant of the armature}$$

circuit and T_m the electromechanical time constant. It is demonstrated that by the inclusion of the terms $I(0)\exp(-a\tau)$ in the equations (4) and (6), this method of approximative integration exhibits certain advantages. It is further shown that the relative error in the determination of the armature current according to formula (6) can be estimated according to formula (10). Relation (11) shows that this error is not only dependent upon the ratio between the time constant of the armature circuit ~~and of the~~ electromechanical time constant, but also upon the ratio

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$\frac{T_A}{T_{Err}}$. These estimations apply in the case of motor starting

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and braking. For rotation inversion the corresponding values must be doubled. The estimations advanced in this paper apply mostly to machines of medium power. If equations (9), (10), and (11) are used for midget motors, they lead to considerable errors. There are 8 Soviet references.

SUBMITTED: June 15, 1958

Card 4/4

KUZNETSOV, P., Eng.

Electric Lines

Installation of cable lines. Ye. A. Proshchin. Reviewed by Eng. P. Kuznetsov. Rab. energ. 3, No. 1, 1953.

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

USSR/Electricity - Transitional Processes 1 Dec 51
in DC Motors

"Transient Processes of DC Electric Motors During Simultaneous Switching-in of the Armature (Rotor) and Excitation-Winding Circuits," P. I. Kuznetsov

"Dok Ak Nauk SSSR" Vol LXXXI, No 4, pp 573-576

Thanks Acad V. S. Kulebakin for posing the problem and his const attention during the work, and A. V. Aleksashkin and V. Yu. Nevrayev for their assistance in the numerical computations and execution of the expts. Attempts for the 1st time the analytic soln of the problem concerning the investigation of the transient elec and mech processes in

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USSR/Electricity - Transitional Processes 1 Dec 51
in DC Motors (Contd)

shunt DC elec motors in the case of simultaneous hooking-up of armature and excitation-winding circuits; This problem is of interest especially for the theory of automatization of elec drives. Submitted by Acad Kulebakin 14 Aug 51.

202F32

KUZNETSOV, P. I.

PAVLOV, Aleksandr Ivanovich; AL'SHITS, I.M., kand. khim. nauk,
retsenzent; KUZNETSOV, P.I., inzh.; IVOCHKIN, V.F., nauchn.
red.; KUSKOVA, A.I., red.

[Bonded ship structures] Kleenye sudovye konstruktsii. Le-
ningrad, Sudostroenie, 1965. 282 p. (MIRA 18:12)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928130004-4

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928130004-4"

Kuznetsov, P. K.

USSR/Biology - Ixodidae Ticks

"Seasonal Dynamics of the Life Cycle of Ixodes ricinus Ticks in Voronezh Oblast," P. K. Kuznetsov, Dept of General Biol, Voronezh State Med Inst

Zool Zhur, Vol 32, No 3, pp 441-443 - 1953

Ixodes ricinus ticks are widespread in the forest areas of Voronezh Oblast. These ticks are parasitic on cattle; their maximum density is attained during the spring months, from April on. They can be found during the whole spring-summer-autumn periods up to the first snowfall. The maximum number of ticks found on one cow was 187, in the spring of 1947. From the collection made during 1947 and 1948 it was determined that males make up between 25% and 30% of all ticks collected.

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KUZNETSOV, P. K.

6663. Zavarka defektov stal'nogo lit'ya svarochnym poluavtomatom PDSH-500.
(Opyt raboty P. V. Timofey-eva i p. K. Kuznetsova--novatorovsvarshchikov zavoda
PTO im. Kirova). L., 1954. 8s. s chert. 21 sm. (Vsesoyuz. o-vo po rasprostraneniyu
polit. i nauch. znaniy. Leningr. dom nauch-tekhn. propagandy. Listok novatora.
No. 37 (276)). 3,800 ekz. 15 k.-Avt. ukazan B knotse teksta- 54-15982ZH
621.746.7 † 621.791.75

SO: KNIZHANYA LETOPIS' NO. 6, 1955

KUZNETSOV, P. K.

KUZNETSOV, P. K.: "On the ecology of *Ixodes ricinus* L. ticks under the conditions of Voronezh Oblast." Voronezh, 1955. Voronezh State U. (Dissertation for the Degree of Candidate of Biological Sciences.)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

KUZNETSOV, P.K.

Hibernation of the tick *Ixodes ricinus* L. in natural conditions in
Voronezh Province. Zool.zhur. 34 no.2:469-470 Mr-Apr '55.
(MLRA 8:6)

1. Kafedra obshchey biologii Voronezhskogo gosudarstvennogo medi-
tsinskogo instituta.
(Voronezh Province--Ticks)

USSR / Zooparasitology. Acarina and Insects. Vectors G
of Pathogenic Agents. Acarina.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24268.

Author : Kuznetsov, P. K.
Inst : Voronezh Medical Institute.
Title : On the Biology of Development of the Tick Ixodes
ricinus L. under the Conditions of Voronezhskaya
Oblast.

Orig Pub: Tr. Voronezhsk. med. in-ta, 1957, 28, 131-134.

Abstract: Normally, the cycle of development is ended in
the course of 3 years; under unfavorable condi-
tions it may be prolonged.

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APPROVED FOR RELEASE: 08/19/2000 CIA-RDP86-00513R000928130004-4
Disease Agents. Acarids.

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19718

Author : Pokrovskaya, Ye. I.; Kuznetsov, P. K.
Inst : Voronezh Medical Institute
Title : Biotopes and Seasonal Behavior of Ixodidae
(Ixodes and Dermacentor) Under Natural
Conditions in Voronezhskaya Oblast'

Orig Pub : Tr. Voronezhsk. med. in-ta, 1957, 28, 135-137

Abstract : D. marginatus is native to pastures which
occupy waste lands and ravines. Spring
activity lasts from April until June; in
the summer months this species is absent;
full activity lasts from August until
October, when this species is met with again
but in lesser numbers. I. ricinus is native

Card 1/2

KUZNETSOV, P. K. and POKROVSKAYA, E. I.

"The Propagation, Biology, and Ecology of Dermacentor Marginatus and Ixodes Ricinus Ticks in the Southeastern Part of the Central Black Earth Region."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Voronezh Medical Institute

KUZNETSOV, P.K.

Testing the effectiveness of the repellent action of dimethylphthalate, creolin, diphenyloxide, terpineol, RP-1 and RP-50 on *Ixodes ricinus* L. ticks. Med.paraz.i paraz.bol. 37 no.5:619 8-0 '59. (MIRA 13:4)

1. Iz kafedry obshchey biologii Voronezhskogo meditsinskogo instituta.

(INSECT BAITs AND REPELLENTS)

AUTHORS: Kuznetsov, P. K. (Head of Technical Department), and
Shlafer, D. I. (Designer). 130-5-13/22

TITLE: Mechanization of scale removal. (Mekhanizatsiya
uborki okaliny).

PERIODICAL: "Metallurg" (Metallurgist), 1957, No.5, p.29 (USSR).

ABSTRACT: The removal of scale from under the mill stands at
the Gur'yevskiy works has only recently been mechan-
ized. The scale is washed by the roll-cooling water
along a concrete upper channel and then along a metal
trough to a bucket-elevator pit. The scale settles
and is transferred by the elevator (2 kW motor) into
crane-handled containers. There is 1 figure.

ASSOCIATION: Gur'ev metallurgical works. (Gur'evskiy Metallurgi-
cheskii Zavod).

AVAILABLE:

Card 1/1

KUZNETSOV, P.K.

130-7-20/24

AUTHORS: Kuznetsov, P.K. and Basalayev, I.M.

TITLE: A Supported Rotary Loading Machine (Napol'no-Karusel'naya Pogruzochnaya Mashina)

PERIODICAL: Metallurg, 1957, Nr 7, p. 38 (USSR)

ABSTRACT: The loading machine described was designed by one of the authors (I.M. Basalayev) and has been in use since 1952 at the Gur'yevsk works for loading ball-mill spheres and similar relatively small articles into covered railway wagons. The machine works in conjunction with an electric crane and its adoption has led to a reduction of the cost of loading one ton of spheres from 3.23 to 0.94 roubles. There is 1 figure.

ASSOCIATION: Gur'yevsk Metallurgical Works (Gur'evskiy Metallurgicheskii Zavod)

AVAILABLE: Library of Congress.

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KUZNETSOV, P.K.

AUTHORS: Kuznetsov, P.K., Klassen, E.Ya.

130-58-2-15/21

TITLE: Reconstruction of a Continuous Furnace (Rekonstruktsiya metodicheskoy pechi)

PERIODICAL: Metallurg, 1958, Nr 2, 28 - 29 (USSR)

ABSTRACT: In 1954, designs by the Sverdlovsk branch of the Gipromez were used in the reconstruction of Nr 2 reheating furnace (Fig.1) in the rolling-mill shop at the Gur'yevsk Metallurgical Works. The object was to raise productivity from 7-9 to 20 tons/hour. The reconstructed furnace worked badly because the combustion-chamber grate was unsuitable for the 6-10% ash coal and fuel consumption rose to 209 kg of coal/ton. A further reconstruction (Fig.2) was carried out, sloping grate bars and medium-pressure air being provided. Ash removal was mechanised and was effected in 10-15 min (compared with the 8 hours required previously) without interference with furnace operation: coal consumption decreased to 155-165 kg/ton. There are 2 figures.

ASSOCIATION: Gur'yevskiy metallurgicheskiy zavod (Gur'yevsk Metallurgical Works)

AVAILABLE: Library of Congress

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1. Rolling mills-Operation 2. Reheating furnaces-Design

KUZNETSOV, P. L., and BAKAYEV, Yu. N.

"The Averaging Method and Its Application to Some Nonlinear Problems of Radio Engineering," by Yu. N. Bakayev and P. L. Kuznetsov, Radiotekhnika, Vol 11, No 10, Oct 56, pp 3-12

A brief outline is given of N. N. Bogolyubov's averaging method (N. N. Bogolyubov, O Nekotorykh Statisticheskikh Metodakh v Matematicheskoy Fizike [Some Statistical Methods in Mathematical Physics], 1945), which is one of the best methods for the approximate solution of differential equations in nonlinear problems of radio engineering and particularly in studying problems of detection. Several examples requiring varied application of the averaging method are discussed. The accuracy of the method is investigated in the specified examples and the errors computed.

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KUZNETSOV, P.k.; RABINOVICH, Z.Ya.

Automation of circulating water pumps on the Saratov-Moscow gas
pipeline. Gaz.prom.no.8:23-27 4g '57. (MLRA 10:9)
(Pumping machinery) (Gas, Natural--Pipelines)

KUZNETSOV, P.

"Development of the long-distance laying of gas pipes in the Soviet Union; also, remarks by B. Mory, A. Nahoczky, and F. Valy."

p. 417 (Energia Es Atomtehnika) Vol. 10, no. 8/10, Dec. 1957
Budapest, Hungary

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

KUZNETSOV, P. L.

Regulations for the technical operation of gas mains. Gaz.prom.
5 no.6:54 Je '60. (MIRA 13:6)
(Gas, Natural--Pipelines)

KUZNETSOV, P.L.

Field and plant processing of natural gas in France. Gas.prom. 5
no.10:52-55 0 '60. (MIRA 13:10)
(France--Gas, Natural)

ZAREMBO, L.K., kand. fiz.-mat. nauk; KARFOV, A.K., inzh.; LEGOSTAYEV, P.Ya., kand. tekhn. nauk; BRODEKIY, Yu.N., kand. tekhn. nauk; KHRENOV, N.S., inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; BRISKMAN, A.A., kand. tekhn. nauk; GORODETSKIY, V.I., inzh.; NIKITIN, A.A., inzh.; GILL', B.V., inzh.; KRAYZEL'MAN, S.M., inzh.; DZHAFAROV, M.D., inzh.; LUNEV, A.S., kand. tekhn. nauk; NIKITENKO, Ye.A., inzh.; YERSHOV, I.M., kand. tekhn. nauk; ZAYTSEV, Yu.A., inzh.; MAGAZANIK, Ya.M., inzh.; SHAROVATOV, L.P., inzh.; RABINOVICH, Z.Ya., inzh.; BIBISHEV, A.V., inzh.; ASTAKHOV, V.A., dots.; KOMYAGIN, A.F., kand. tekhn. nauk; ANDERS, V.R., inzh.; SERGOVANTSEV, V.T., kand. tekhn. nauk, dots.; UTKIN, V.V., inzh.; KUZNETSOV, P.L., inzh.; MAMAYEV, M.A., inzh.; SVYATITSKAYA, K.P., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p. (MIRA 15:4)
(Gas, Natural--Transportation)

KUZNETSOV, P.L.

Compressor stations in gas pipelines. Gaz. prom. 8 no.11:36-39
'63.

(MIRA 17:11)

AZHOTKIN, G.I., red.; BESEDINA, O.S., red.; GIL', B.V., red.;
DULEYEV, Ye.M., red.; IVANTSOV, O.M., red.; KOGAN, G.Ye.,
red. [deceased]; KUZNETSOV, P.L., red.; LEVIN, F.D., red.;
SLANSKIY, D.A., red.; TELKOV, I.K., red.; KOMAROVA, L.,
ved. red.; KHRYASTOV, Yu., ved. red.

[Contribution of young specialists to the gas industry]
Vklad molodykh spetsialistov v gazovuiu promyshlennost'.
Moskva, 1964. 459 p. (MIRA 18:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy proizvodstvennyy
komitet po gazovoy promyshlennosti.

KORTUNOV, A.K.; KORSHUNOV, Ye.S.; KUZNETSOV, F.I.; BARABASH, B.B.;
PROMTOV, A.I.; SHAKIROV, M.Z.; ALI-ZADE, M.A.; KHODZHAYEV,
A.K.; ALEKSANDROV, A.V., red.

[Gas industry in the U.S.A.] Gazovaia promyshlennost' SShA.
Moskva, Nedra, 1964. 339 p. (MIRA 18:9)

KUZNETSOV, P.M.

Chemistry of fat isolated from the hedgehog *Erinaceus rumanicus*.
Biokhimiya 18, 163-8 '53. (MLRA 6:1)
(CA 47 no.17:9031 '53)

1. Moscow State Univ.

BOCHKAREV, G.R.; KUZNETSOV, P.M.

New method for the automatic control of the hydrocyclone in condensing coal slime. Koks i khim. no.7:11-14 J1 '61. (MIRA 14:9)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR.
(Coal preparation plants--Equipment and supplies)
(Automatic control)

ZAPOROSHCHENKO, V.F.; KUZNETSOV, P.M.

New technology for manufacturing splined holes. Mashinostroitel'
no.4235 Ap'64 (MIRA 17c7)

KUZNETSOV, Petr Mikhaylovich; SHUKHER, S.M., redaktor; VORONIN, K.P.,
tekhnicheskij redaktor.

[Removal of ash and cinders from electric power stations] Udalenie
soly i shlakov na elektrostantsiakh. Moskva, Gos. energ. izd-vo,
1954. 156 p. (MIRA 8:2)
(Electric power plants) (Ash disposal)

KUZNETSOV, P.M., inzhener.

Using airlifts to discharge ashes [with summary in English].
Teploenergetika 4 no.10:50-53 0 '57. (MLRA 10:9)

1. Teploelektroproyekt.
(Ash disposal)

80517

SOV/81-59-5-15311

5.3300

Translation from: Referativnyy zhurnal, Khimiya, 1959, Nr 5, p 186 - 187
(USSR)

AUTHORS: Kuznetsov, P.M., Ivanov, P.G.

TITLE: The Synthesis¹ of Some Diphenyl- and Dicyclohexyl Alkanes of Symmetrical Structure

PERIODICAL: Sb. tr. Stavropol'sk. gos. ped. in-ta, 1958, Nr 11, pp 153-157

ABSTRACT: The methods are described for obtaining $C_6H_5(CH_2)_3C_6H_5$ (I), $C_6H_5(CH_2)_5C_6H_5$ (II), $C_6H_5CH_2CH=CHCH_2CH_2C_6H_5$ (III), $(C_6H_{11})_2CH_2$ (IV), $(C_6H_{11}CH_2)_2$ (V) and $C_6H_{11}(CH_2)_5C_6H_{11}$ (VI). 80 g of $(C_6H_5CH_2)_2CHOH$ (b.p. 188 - 190°C/5 mm) in 70 g of dioxane and 10 g of $Cr_2O_3 \cdot CuO$ (VII) are hydrogenated at 260 - 270°C for 1 hour (initial pressure 120 atm.), the filtrate is evaporated, the residue is extracted with ether and I is separated, yield 98%, b.p. 168 - 170°C/5 mm and 298 - 300°C/752 mm, n_D^{20} 1.5755, d_4^{20} 1.0052. In the same way, from 350 g of $(C_6H_5CH=CH)_2CO$ in 500 ml of dioxane and 35 g of VII (initial pressure 120 - 130 atm, 2 hours), 70 g of II is obtained (b.p. 182 - 184°C/9 mm and 322 - 325°C/748 mm, n_D^{20} 1.5572, d_4^{20} 0.5185) and 275 g of

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The Synthesis of Some Diphenyl- and Dicyclohexyl Alkanes of Symmetrical Structure

$(C_6H_5CH_2CH_2)_2CHOH$ (VIII), b.p. 215 - 218°C/9 mm, melting point 47 - 48°C. By dehydration in a vacuum over $KHSO_4$, VIII is converted to III, the yield is 92%, b.p. 172 - 174°C/7 mm. 210 g of $(C_6H_5)_2CH_2$ are hydrogenated in 100 g of dioxane and 20 g of skeleton Ni (130 atm, 250 - 260°C), a 96% IV is separated, b.p. 110 - 111°C/18 mm and 251 - 252°C/745 mm, n_D^{25} 1.4749, d_4^{25} 0.8768. V is obtained in a similar way [from $C_6H_5(CH_2)_2$], yield 98%, b.p. 110 - 112°C/9 mm, and 271 - 272°C/744 mm, n_D^{25} 1.4748, d_4^{25} 0.8757, and VI (from II), yield 98%, b.p. 178 - 181°C/10 mm, 142 - 144°C/5 mm and 314°C/745 mm, n_D^{22} 1.4772, d_4^{22} 0.8728.

V. Skorodumov

Card 2/2

GNILOVSKIY, V.G., red.; KOZKO, D.I., red.; KOPTEV, N.N., red.;
KUZNETSOV, P.M., red.; MIKHAYLOV, M.V., red.; NESIS,
Ye.I., red.; RALL, Yu.M., red.; RAFALOVICH, M.B., red.;
STRAKHOV, S.M., red.; STEBLYANKO, I.V., tekhn. red.

[In this book are given the answers to the questions: 1. Are there intelligent beings on other planets? 2. What significance has the Kuban-Kalaus Irrigation and Water-Supply System for Stavropol? 3. What is travertine? How is it formed and for what purposes is it used?] V etoi knige dany otvety na voprosy: 1. Est' li razumnye sushchestva na drugikh planetakh? 2. Kakoe znachenie imeet dlia Stavropolia Kuban'-Kalausskaia obvodnitel'no-rositel'naiia sistema? 3. Chto takoe travertin, kak on obrazuetsia i v chem ego poleznost'? Stavropol', Stavropol'skoe knizhnoe izd-vo, 1960. 32 p. (MIRA 16:11)
(Plurality of worlds) (Kuban---Water supply)
(Travertine)

KUZNETSOV, P.M., inzh.

Experience in protecting long-distance cable lines from lightning strokes. Vest. svyazi 24 no.8:11-12 Ag '64.

(MIRA 17:10)

1. Kiyevskoye otdeleniye Gosudarstvennogo instituta po izyskaniyam i proyektirovaniyu sooruzheniy svyazi.

KUZNETSOV, P. N.

AUTHORS:

Dello, A.V. and Kuznetsov, P.N., Engineers

28-4-15/35

TITLE:

Wrought Iron Pipe Fittings (Truboprovodnaya armatura iz kovkogo chuguna)

PERIODICAL:

Standartizatsiya, 1957, # 4, p 57 (USSR)

ABSTRACT:

The article deals with two new standards for valves of wrought iron: GOCT 8077-56 for return valves and 8444-57 for shut-off valves. By the old GOCT 4066-48 and 5360-50, the use of wrought iron valves was limited to rated pressures up to 25 kg/cm² and temperature of medium up to 300°C. The new standards raise these limits to 40 kg/cm² and 400°C. They establish the types and the basic dimensions of valves for steam, water and other neutral (neagressivnyy) agents as well as for liquid and gaseous ammonia. Some parts, including casings, are unified and therefore in many cases identical in different valves; enabling organization of mass production. Wrought iron will replace the expensive fittings of cast steel and non-ferrous metals in many instances.

The new valves were tested in operation in TsKBA, at the power plant (TETs) of the Gor'kiy Automobile Plant and in the GRES at the city of Gor'kiy.

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Wrought Iron Pipe Fittings

28-4-15/35

Production of these fittings is at present concentrated at the Leningrad Fitting Plant imeni Lapse (Leningradskiy armaturnyy zavod imeni Lapse), with an automatic production line and aggregate equipment (Abstracters note: "aggregate" - machines composed of standard ready components in various arrangements)

AVAILABLE:
Card 2/2

Library of Congress

KUZNETSOV, P.N.

Underground scraper conveyers. Standartizatsiia 24 no.4:30-31
Ap '60. (MIRA 13:9)

(Conveying machinery--Standards)

KUZNETSOV, P.N.

Marine steam boilers. Standartizatsiia 24 no.5:36 My '60.

(Boilers, Marine—Standards)

(MIRA 14:3)

KUZNETSOV, P.N.

Motorgraders. Standartizatsia 24 no.8:44 Ag '60. (MIRA 13:9)
(Graders (Earth moving machinery)--Standards)

KUZNETSOV, P.N.

Equipment for fuel feeding from bunkers. Standartizatsiia 25
no. 5:52-53 My '61. (MIRA 14:5)
(Feed mechanisms--Standards)

KUZNETSOV, P.N.

Specification of certain parameters of the standard for steam
boilers. Standartizatsia 26 no.2:23-25 F '62. (MIRA 15:2)
(Boilers--Standards)

L 43683-66 EWT(d)/EWT(1)/EEC(k)-2 GW

ACC NR: AP6017066

(A)

SOURCE CODE: UR/0154/65/000/005/0033/0038

AUTHOR: Kuznetsov, P. N. (Senior lecturer)ORG: Moscow Institute of Engineers of Geodesy, Aerial Photography and Cartography
(Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii)TITLE: Effect of temperature on the precision of measurements made with the TA-2
automatic theodolite and the Delta-020 reduction tachymeterSOURCE: ¹⁰ IVUZ. Geodeziya i aerofotos"yemka, no. 5, 1965, 33-38TOPIC TAGS: optic theodolite, ^{temperature effect,} tachymeter, angle measurement instrument/ Delta 20
tachymeter, TA2 theodolite

ABSTRACT: The effect of temperature on the zero points of the two surveying instruments was investigated. The Delta-020 reduction tachymeter is manufactured by Zeiss in Jena. The other was an experimental model of TA-2 automatic theodolite manufactured in the Soviet Union (first produced in 1957). The glass-encased instruments were heated with a 150-w electric bulb and temperature was measured with a pair of Prastch thermometers placed on opposite sides of each instrument to permit averaging of the readings. An electric reflector and a fan were mounted in each case. After levelling each instrument, the observer estimated the readings to the nearest tenth a mm. During heating and cooling, the temperature ranged between +20 and +35°C.

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L 43683-66

ACC NR: AP6017066

Observations showed that the relationship between the environmental temperature and the displacement of the zero point is stable if the instrument is heated uniformly on all sides. With one-sided heating, the displacement of the zero point is considerably lessened; the effect of heating the ocular was the least. The uniform heating of the whole instrument and the one-sided heating of its objective produced displacements of the zero points which decreased as the temperature rose for the Delta-020 (direct image) and increased with rising temperature for TA-2 (inverted image). Again, heating of the ocular did not produce any notable change. Because of the parallactic angles formed by the curves, the taximeter should not be used for measuring large distances and elevations during the hot periods of the day. The following rules should be observed: the elevations should be averaged from two successive levellings. The foresight should not differ from the backsight by more than 1/10 to 1/5 of the length. The control checks of the zero points should be made in the morning, at noon and in the evening. On exceptionally hot days, the survey made in the morning should be repeated in reverse order in the afternoon.

SUB CODE: 08,14/ SUBM DATE: 14May65/ ORIG REF: 002/ OTH REF: 000

Card 2/2 mjs

L 04931-67 EWT(1) GW

ACC NR: AP6028219

(A)

SOURCE CODE: UR/0154/66/000/001/0057/0063

36
B

AUTHOR: Kuznetsov, P. N.

ORG: Moscow Institute of Engineers of Geodesy, Aerial Photography, and Cartography
(Moskovskiy institut inzhenerov geodezii, aerofotos'yemki i kartografii)

TITLE: Rotation and shift of a diagram of curves and their effect on measured elevations and ground distances

SOURCE: IVUZ. Geodeziya i aerofotos'yemka, no. 1, 1966, 57-63

TOPIC TAGS: geodetic survey, geodetic instrument, measuring instrument, instrument error, error minimization

ABSTRACT: The use of the ^fKB-1 and ^fKA-2 telescopic alidades, Dalt 020 reduction tachometer, ^{2/3}TA-2 automatic theodolite, and other instruments with homographic curves for plotting elevation traverses in large-scale surveys is limited owing to the insufficient accuracy of the measurements and uncertainty of the results obtained. In this connection the author examines the character of the effect of instrument errors for rotation and shift of the diagram of curves on elevations and ground distances and makes recommendations for selecting working methods

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L 04931-67

ACC NR: AP6028219

and for improving the design of instruments. A formula is derived which permits precalculating the permissible magnitude of the linear shift with respect to given values of height, radius, and ground distance when designing and manufacturing new instruments with a diagram. Four characteristic cases of a shift of the diagram are examined: the axis of rotation of the telescope is close to the diagram, the axis of rotation of the telescope is a) far from the diagram, b) situated at half of the circle with positive branches of the elevation curves, and c) situated at half of the circle with negative branches of the elevation curve. In the analysis the shift of the diagram of a and b is assumed longitudinal and the shift with respect to b and c is called transverse. It was found that on level and broken ground the total effect of errors with longitudinal shifts is substantially weakened, and with lateral shifts it is almost completely compensated. The errors for rotation and shift can be completely eliminated by superposing two diametrically opposite diagrams on the circle. Orig. art. has: 18 formulas, 2 tables, and 3 figures.

SUB CODE: 08,12/ SUBM DATE: 27Nov65/ ORIG REF: 002

kh

Card 2/2

IVANOV, K.A., inzhener; TOCHENOV, A.A., inzhener; ~~KUZNETSOV, P.P., master.~~

Balancing the rotor of a steam turbine. Energetik 4 no.7:17 J1 '56.
(Steam turbines) (MIRA 9:9)

IVANOV, K.A., insh.; KUZNETSOV, P.P., insh.

Study and elimination of increased vibration in the
IUNGSTREM turbogenerator. Energetik 8 no.7:16-18
Jl '60. (MIRA 13:8)
(Turbogenerators--Vibration)

LOCKE , William Nash ,; MOLOSHAYA, T.H.,[translator], FURTO, V.A.,[translator],;
KUZNETSOV, P. S., red.

[Machine translation; a collection of articles] Mashinnyi perevod;
sbornik statei. M, Izd-vo inostranoi lit-ry, 1957. 314 p. [Translated
from the English]. (MIRA 11:11)

(Machine translating)
(Translating machines)

KUZNETSOV, P. S. (Moscow)

"About the Sequence of the Construction (erection) of a System of Language."

Theses - Conference on Machine Translations, 15 - 21f May 1958, Moscow.

KUZNETSOV, P. S.

"The Problem of Dismembering Auditory Speech."

report presented at the Acoustical Commission, Acad. Sci. USSR, Conference Devoted to
Methods of Investigating Speech, 25-27 Oct 1955

P.A. BOGDANOV; B. S. KUZNETSOV; P.S. STUDENTSOV - Veterinarians

"Use of ASD Preparations in Treating Endometritis"

Veterinariya No. 10, 1952
in U-5638, 10 March 1954, p 53

The authors tested an ASD preparation on a group of cows (24) suffering from suppurative endometritis, with a control group (12) in which the animals were treated by usual methods of using synestrol.

1. KUZNETSOV, P. S.
2. USSR (600)
4. Geology and Geography
7. Lower Lowlands of the Volga, (Physical-Geographical Discription, Popular Scientific Series, Moscow-Leningrad, Press of Acad Sci USSR, 1948) Sov. Kniga, No. 6, 1949.

9. ~~Report~~ Report U-3081, 16 Jan. 1953. Unclassified.

KUZNETSOV, P. S.

"Studies of the Zones of Nature, (50 years of Study by V. V. Dokuchayev),"
Priroda, No. 9, 1948.

KUZNETSOV, P. S.

Kuznetsov, P. S. "On the problem of distinguishing the Southeast on the basis of landscape features", (Proposed candidate's dissertation), Uchen. zapiski (Sarat. gos. in-t im. Chernyshevskogo), Vol. XXII, Geographic issue, 1949, p. 58-71, - Bibliog: 23 items.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh St. tey, No 21, 1949)

KUZNETSOV, P.S.

"Organizers" of Russian geography. Geog. v shkole no.3:1-7 My-Je '53.
(Geographers) (Geographical societies) (MLRA 6:6)

USSR/Geography - Physical Geography

May/June 53

KUZNETSOV, P. S.

"The ~~Subject~~, History of Physical Geography," P. S. Kuznetsov

Iz Ak Nauk SSSR, Ser Geog, No 3, pp 45-55

Presents another in a series of discussions on the subject of history of geography. Refers to Dokuchayev, Anuchin, Voyeykov and others who have contributed progressively to the materialistic ideas of Lomonosov in creating physical geography as a science, as opposed to the idealistic school of Ritter-Gettner.

257 T63

KUZNETSOV, P.S.

Minor practical studies in geography. Geog. v shkole 21 no. 1:47-
48 Ja-P '58. (MIRA 11:7)

1. Ozornovakaya shkola Vladimirskey oblasti.
(Geography--Study and teaching)

KUZNETSOV, P. S., ISHERSKAYA, YE. V., MATISSEN, A. YE. (Saratov Geographers),
B. A. CHAZOV (Saratov and Perm' Univ.) and Prof. G. G. GRIGOR (Tomsk Univ.)

"An economic division of the USSR according to physical-geographical
considerations"

report presented at an Inter-University Conference on Dividing the USSR into
Economic Regions, 1-5 February 1958, Moscow. (Izv. Ak nauk SSSR, 4,146-49;
1958 author - Gvozdetskiy, N. A.)

KUZNETSOV, P.S.

Physical geography in the system of natural sciences. Uch.zap.
Sar. un. 72:3-11 '59. (MIRA 13:8)
(Physical geography)

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tekhn. red.

[Physicogeographical regions of the lower Volga Valley] Fiziko-
geograficheskie raiony Nizhnego Povolzh'ia. Saratov, 1961. 155 p.
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1. Saratov. Universitet.
(Volga Valley--Physical geography)

KUZNETSOV, P.S.

Some characteristics of the division of the lower Volga Valley into
physicogeographical regions. Vop. geog. no.55:49-54 '61.

(MIRA 15:1)

(Volga Valley--Physical geography)

KUZNETSOV, Pavel Savel'yevich; VINNIKOVA, I.A., red.; ZEMIN, V.V.,
tekhn.red.

[The physiogeographical method] Metod fizicheskoi geogra-
fii. Saratov, Izd-vo Saratovskogo univ. 1962. 58 p.
(MIRA 17:1)

ZATONSKIY, A.S.; TARNOPOL'SKIY, G.M.; LARIONENKO, N.A.; OSTROUMOV, A.V.;
ZAKHAR'YANTS, V.N.; YAKOVLEV, G.P.; LOBANOV, T.F.; KUZNETSOV, P.T.;
MERKULOV, A.I.

Maximum satisfaction of the needs of the population is the most important duty of communication workers. Vest.sviazi 14 no.2:23-25 F '54.
(MLRA 7:5)

1. Nachal'nik otdela pochtovoy svyazi (for Zaton'skiy). 2. Nachal'nik otdela vnutrirayonnoy svyazi (for Tarnopol'skiy). 3. Zamestitel' nachal'nika telefonno-telegrafnogo otdela (Larionenko). 4. Nachal'nik telegrafa (for Ostroumov). 5. Nachal'nik pechtamta (for Zakhar'yants). 6. Nachal'nik meshdugorednoy telefonnoy stantsii (for Yakovlev). 7. Glavnyy inzhener oblastnogo upravleniya svyazi (for Lobanov). 8. Zamestitel' nachal'nika oblastnogo upravleniya svyazi (Kuznetsov). 9. Nachal'nik oblastnogo upravleniya svyazi (for Merkulov).
(Telecommunication)

AFANAS'YEV, N.P., kand, tekhn. nauk; KUZNETSOV, P.T., inzh.

New electrified "Tokaido" express line in Japan. Elek. i topl. tiaga 7
no. 11:46 N '63. (MIRA 17:2)

USSR/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91846

Author : Kuznetsov, P.V.

Inst : Stavropol' Scientific Research Institute of Agriculture

Title : Walnuts in the Stavropol'skiy Kray.

Orig Pub : Byul. nauchno-tekhn. inform. Stavropol'sk. n.-i. in-ta s. kh., 1957, No 3, 36-39.

Abstract : In the foot hill, western and the central steppe zones of Stavropol'skiy Kray the walnut develops and fruits well when planted from seed. The application of FK at the rate of 120 kg ha raises the winter resistance. Productive local varieties have been developed.

Card 1/1

APPROVED FOR RELEASE: 06/19/2000. CIA-RDP86-00513R000928130004-4

ANODIN, Georgiy G. ~~CONFIDENTIAL~~
tekhn.red.

[Determining the number of specialists needed in industry;
from the practice of the coal industry] Opredelenie po-
trebnosti v spetsialistakh v promyshlennosti; iz opyta
ugol'noi promyshlennosti. Moskva, Gosplanizdat, 1959. 71 p.
(MIRA 12:9)

(Coal mines and mining)

MAKAROV, G.N.; KAZINIK, Ye.M.; POPCHENKO, R.A.; SEMENOV, A.S.; YERKIN,
L.I.; RYVKIN, I.Yu.; PRIVALOV, V.Ye.; MUSTAFIN, F.A.; KUZNETSOV ,
P.V.; ZOROKHOVICH, G.Ya.

Coking of the coal charge in an oven with a rotating ring floor.
Koks i khim. no.11:34-41 '62. (MIRA 15:12)

1. Moskovskiy khimiko-tekhnologicheskiy institut im. D.I. Mendeleeva (for Makarov, Kazinik, Popchenko, Semenov).
2. Vostochnyy uglekhimicheskiy institut (for Yerkin, Ryvkin, Privalov).
3. Nizhne-Tagil'skiy metallurgicheskiy kombinat (Mustafin, Kuznetsov, Zorokhovich).
(Coke)

KOGAN, L.A.; BOGOYAVLENSKIY, V.V.; MAKAROV, G.N.; SEMENOV, A.S.; KUZNETSOV, P.V.;
MUSTAFIN, F.A.

Obtaining pitch coal coke for electrode manufacture. Koks i khim. no.3:
22-25 '63. (MIRA 16'3)

1. Vostochnyy uglekhimicheskiy institut (for Kogan, Bogoyavlenskiy),
2. Moskovskiy Ordena Lenina khimiko-tehnologicheskiy institut im.
D.I.Mendeleyeva (for Makarov, Semenov).
3. Nizhne-Tagil'skiy metallurgi-
cheskiy kombinat (for Kuznetsov, Mustafin).
(Coke)

KUZNETSOV, P.V., otvetstvennyy red.; KISELEVA, G.I., red.; SHEPHER, G.I.,
tekh.n.red.

[Instructions for branch planning, accounting and analysis of operations in interurban telephone stations] Instruktsiya po vnutriproizvodstvennomu planirovaniu, uchetu i analizu deiatel'nosti meshdugorodnykh telefonnykh stantsii. Moskva, Sviaz'izdat, 1957. 19 p. (MIRA 11:6)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Planovofinansovoye upravleniye.
(Telephone stations--Accounting)

~~KUZNETSOV, P.V.~~

Economic accountability in communications enterprises. Vest.svyazi
17 no.8:13-14 Ag '57. (MIRA 10:10)

1.Zamestitel' nachal'nika Planovo-finansovogo upravleniya
Ministerstva svyazi SSSR.
(Telecommunication--Accounting)

A 6 2 1 4 5 1 2 4 1 2 4

111-9-12/28

AUTHOR: P.V. Kuznetsov, Deputy Chief of the Planning and Financial Administration of the USSR Ministry of Communications

TITLE: Cost Accounting in Communication Enterprises (Khozyaystvennyy raschet na predpriyatiyakh svyazi)

PERIODICAL: Vestnik Svyazi, 1957, No 9, pp 17-18 (USSR)

ABSTRACT: This article deals in general terms with estimating production cost and the calculation of the net cost, the methods of which have been explained in detail in "Vestnik Svyazi", No 7, 1957. It is the continuation and the end of the article published in "Vestnik Svyazi", No 8, 1957. Sanctions for transgressing established qualitative work indexes are mentioned. The communication enterprises have to pay certain fines for each irregularity of service such as delays in transmitting telegrams and mail, for failing to establish an interurban telephone communication, etc. Some theoretical considerations are given concerning the profitability of an enterprise, the organization of account books, the balance of profits and expenses etc. Furthermore, several deficiencies of cost accounting-system are mentioned. The author demands that problems

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Cost Accounting in Communication Enterprises

111-9-12/28

connected with the bonus and incentive award system, be solved as soon as possible. Some numerical examples are given concerning the difference in % between the planned and the real net cost of certain enterprises, during 1956. This article contains 2 Russian references.

ASSOCIATION: The Planning and Financial Administration of the USSR Ministry of Communications (Planovo-finansovoye upravleniye Ministerstva svyazi SSSR)

AVAILABLE: Library of Congress

Card 2/2

6 (0)

SOV/111-59-10-11/23

AUTHOR: Kuznetsov, P.V., Deputy Chief

TITLE: The Long Range Plan for Work on Economic and Technical-Economic Problems

PERIODICAL: Vestnik svyazi, 1959, Nr 10, pp 17-18 (USSR)

ABSTRACT: This article is concerned with the purposes and goals of the long range plan for basic work on economic and technical-economic problems, drawn up by the Planovo-finansovoye upravleniye ministerstva svyazi SSSR (Planning and Finance Administration of the Ministry of Communications of the USSR). Past work in the study of economic problems and some of the results of this study, particularly in cost accounting, raising labor productivity and cutting costs, are briefly discussed by way of introduction; the author states that at present 1202 communications enterprises are operating on cost accounting, and that the enterprises of 17 oblast' communications administrations have been fully converted to cost accounting. Note is also made of several shortcomings in present work on economic problems in the communications

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SOV/111-59-10-11/23

The Long Range Plan for Work on Economic and Technical-Economic Problems

industry. The long range plan for work on economic and technical-economic problems, it is stated, includes 54 topics for study by scientific-research, educational and design institutes, and communications administrations and divisions of the union republics, and was drawn up for the four year period, 1959-1962. Fundamental to the plan is the working out of a scientific method of long range determination of the needs of the national economy and population for communications facilities for general use, and the author outlines measures to be worked out by the laboratoriya ekonomiki i organizatsii predpriyatiy svyazi MEISa (Economics and Organization Laboratory of MEIS communications enterprises) in this connection. Also included in the plan is the topic, "Improvement of Existing and Development of New Ways of Supplying Communications Needs", and a special topic for determining the communications channel requirements in connection with the introduction of computing machines, particularly on the part of the Tsentral'noye statisticheskoye

Card 2/6

SOV/111-59-10-11/23

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upravleniye (Central Statistical Administration) and its organs. Study of the problem of increasing labor productivity, and planned goals are discussed; studying this problem will be three scientific-research institutes with the participation of communications ministries; methodic guidance will be supplied by the Tsentral'nyy nauchno-issledovatel'skiy institut svyazi (TsNIIS) (Central-Research Institute of Communications). Important too is the subject of cost cutting. The author states that the Board (kollegiya) of the Ministry of Communications of the USSR adopted a resolution on 17 April 1959 to complete the changeover of the entire communications industry to cost accounting in 1961-1962. In 1960 all enterprises of the Ukrainian, Armenian and Latvian Ministries of Communications, as well as 37 oblast' communications administrations, will be converted to cost accounting; in 1960 2503 communications enterprises will be on cost accounting. Study of means of improving the cost accounting system, in particular by TsNIIS, are thus included in

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SOV/111-59-10-11/23

The Long Range Plan for Work on Economic and Technical-Economic Problems

the plan; for large enterprises it is intended to develop a system of internal production cost accounting, applying to separate shops and services. The author refers to work done last year by the TsNIIS on improvement of the summary index of production in the communications industry; the new production nomenclature and monetary evaluations for production units will be introduced in 1960. Also considered in the plan is the subject of improvements in the system of indices and the drawing up of production and financial plans, as well as a study of the economical construction of, and an overall plan of development for the state communications networks for the period up to 1972. In connection with the latter TsNIIS has been charged with working out a method of determining the economic effectiveness of capital investments and new techniques in the communications industry on the basis of recommendations by the Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya akademii nauk SSSR po problemam opredeleniya ekonomicheskoy

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SOV/111-59-10-11/23

The Long Range Plan for Work on Economic and Technical-Economic Problems

effektivnosti (All Union Scientific-Technical Conference of the Academy of Sciences of the USSR on problems of determining economic effectiveness). Projected by the plan is a study of the economic effectiveness of mechanization of telephone communications in the USSR, and development of communications facilities in other branches of the industry. Also considered are economic and technical-economic questions relating to the projection and construction of communications facilities. The author states that the overall volume of construction and installation work done by construction organizations of the Ministry of Communications of the USSR in 1965 will be approximately 2.5 times greater than in 1958, in which connection mechanization and industrialization of construction need special attention; the author refers to a long range plan of development for the communications construction industry which will deal, among other things, with determination of the most advantageous territorial distribution of the material-technical base

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SOV/111-59-10-11/23

The Long Range Plan for Work on Economic and Technical-Economic Problems

of the construction industry in accordance with capital investment. The plan, it is stated, devotes much attention to problems of labor, and includes these topics: "Measures on Regulation of Communications Workers' Wages", and "Measures on the Changeover for Communications Workers to the 7-hour Day and 40-hour Week". Also to be considered are the administration and work organization of enterprises, and the need for different types of specialists in the industry. The author reports that the long range plan for basic work on economic and technical-economic problems was discussed at a plenary session of the Tekhnicheskii sovet ministerstva svyazi SSSR (Technical Council of the Ministry of Communications of the USSR) and approved by the heads of the ministry.

ASSOCIATION: Planovo-finansovoye upravleniye ministerstva svyazi SSSR
(Planning and Finance Administration of the Ministry of Communications of the USSR)

Card 6/6

KUZNETSOV, P.V.; KUZNETSOV, M.A.

Improve the level of economic work in telecommunication. Vest.
svyazi 23 no.9:11-12 S '63. (MIRA 16:10)

1. Zamestitel' nachal'nika Planovo-finansovogo upravleniya
Ministerstva svyazi SSSR (for Kuznetsov).

KUZNETSOV, P.V. and KONDAKHCHAN, V.S.

"Manual for Installing Distributing Equipment". Gosener oizdat, Moscow/
Leningrad, 1949, 588 pp, 40 rubles.

SO: W-14151 11 Oct 1950.

Science Abstracts

sect. 8.

Distribution

621.316.1 : 621.311.43

2483. Unit distribution installations and unit transformer substations. P. S. IVANOV AND P. V. KUY-
MYZHEV. *Tram. Energi.*, No. 12, 9-14 (1951) in Russian.
The technical and economic advantages of their

widespread use, the need for components of special design (switchgear, current transformers, etc.) and basic 6-15 kV unit switching installations and unit transformer substations are discussed.

A. LUKASZEWICZ

KUZNETSOV, P. V.

Electric Circuit Breakers

Prevention of damage to circuit breakers of the VMG type. Rab. energ. 2 No. 5
(1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

KUZNETSOV, P.V.; YEZHKOVA, V.V., redaktor; LARIONOV, G.Ye., redaktor.

[Assembling high tension distributor apparatus] Montazh raspredelitel'-nykh ustroystv vysokogo napriazheniia. Moskva, Gos. energ. izd-vo, 1953.
207 p. (MLBA 7:6)

(Electric power distribution--High tension)

KUZHNETSOV, P.V., inzhener.

Bolt contacts for bus bar joints. Rab.energ. 3 no.5:32-37 My '53.

(MLRA 6:5)

(Electric contactors)

RUZNELOV, R. V., ed.

Ekonomia Ecomonizing materials and electricity in the plant "Moskabel'"; collection of articles Moskva, Gos. energ. izd-vo, 1954. 86 p. (55-41125)
TK3351.E4

KUZNETSOV, K.V.

SIDOROV, Konstantin Vasil'yevich; KOZYREVA, Maria Nikolayevna; MACHERET,
Lev Il'ich; LAKERNIK, Rafail Moiseyevich; PASHCHENKO, Valentin
Yevgen'yevich; SAAKYAN, Gabriyel' Rafailovich; ~~KUZNETSOV, P.V.~~
redaktor; LARIONOV, G.Ye., tekhnicheskij redaktor.

[Economy of materials and power in the "Moskabel" plant; collection
of articles] *Ekonomiya materialov i elektroenergii na zavode "Moskabel";*
sbornik statei; Moskva, Gos. energ. izd-vo, 1954. 86 p.
(Electric cables) (MIRA 8:4)

ARKHIPOV, Nikolay Kuz'mich; KUZNETSOV, P.V., redaktor; MINASYAN, Ye.A.,
redaktor; PETROVSKAYA, Ye., tekhnicheskii redaktor.

[Computing short circuit currents] Raschet tokov korotkogo zamyka-
niia. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR,
1954. 131 p. (MIRA 8:5)
(Short circuits) (Electric currents)

KUZNETSOV, P.V.

FEDOROV, A.A., redaktor; KUZNETSOV, P.V., redaktor; VORONTSOV, F.F., redaktor; SAPAROVA, A.L., redaktor; LARIONOV, G.Ye., tekhnicheskii redaktor.

[Reference book for the electrician in industrial plants] Spravochnik elektrika promyshlennykh predpriatii. Pod obshchei red. A.A.Fedorova i P.V.Kuznetsova. Moskva, Gos. energ. izd-vo, 1954. 1040 p.
(Electric engineering) (MLRA 7:10)

KUZNETSOV, P. V.

AID P - 1636

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 18/23

Author : Kuznetsov, P. V., Eng.

Title : Measurement of time and speed in switching high voltage circuit breakers

Periodical : Energetik, 1, 28-31, Ja 1955

Abstract : Emphasizing the importance of time and speed of closing and tripping the high-voltage circuit breakers the author describes checking methods with the electric secondmeter, and the electromagnetic vibrograph. A table giving time and speed data for various types of circuit breakers and diagrams accompany the text.

Institution: Moscow Regional Power System (MOSENERGO).

Submitted : No date

KUZNETSOV, P.V.

AID P - 2977

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 27/35

Author : Kuznetsov, P. V., Eng.

Title : Control of movable contacts of high-voltage circuit breakers

Periodical : Energetik, 5, 30-33, My 1955

Abstract : The author emphasizes the need of systematically controlling the movable contacts of circuit breakers. He indicates various methods of such control for various types of circuit breakers. He presents different types of movable contacts, gives data about transient resistances in them, their spring pressure, and other mechanical characteristics. Three tables, 4 drawings.

Institution : None

Submitted : No date

KUZNETSOV, Petr Vasil'yevich; BULASHEVICH, D.N., redaktor; LARIONOV, G.Ye.,
tekhnicheskiy redaktor

[Installation of high tension distributors] Montazh raspredelitel'-
nykh ustroystv vysokogo napriazhenia. Izd. 2-oe, perer. Moskva,
Gos. energ. izd-vo, 1956. 223 p. (MLRA 9:9)
(Electric switchgear)

KUZNETSOV, P.V., inzhener.

Oscillographic measurement of the time and speed of opening and closing of high-voltage circuit breakers. Energetik 4 no.3:34-37
Mr. '56. (Electric circuit breakers)(Oscillograph) (MLRA 9:6)

KUZNETSOV, P.V., inzhener.

Increasing the interrupting capacity of VM-25D and VM-35 circuit
breakers. Elek.sta. 27 no.9:31-34 S '56. (MLBA 9:11)
(Electric circuit breakers)

KUZNETSOV, Petr Vasil'yevich; SMIRNOV, A.D., inzh., red.; SOLOV'YEV, P.F.,
inzh., red.; BULASHEVICH, D.N., red.; VORONIN, K.P., tekhn. red.

[Electrician's handbook] Spravochnik elektromontera. Pod red.
A.D.Smirkova i P.F.Solov'eva. Moskva, Gos.energ.izd-vo.
No.3.[Installation of distribution devices with voltages up to
35 kv.] Montazh raspreditel'nykh ustroystv napriazheniem do
35 kv. 1957. 272 p. (MIRA 15:1)
(Electric engineering)

KUZNETSOV, P.V.

KUZNETSOV, P.V.

Carrying capacity and cooling of painted and unpainted busbars.
Energetik 5 no.10:39 0 '57. (MIRA 10:12)
(Electric bus bars)

KUZNETSOV, P.V.; RAPPOPORT, M.I., red.; BORUNOV, M.I., tekhn.red.

[Increasing the cutoff capacity of oil switches] Uvelichenie
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