

RUSANOV, Rozin Tod., inzh.; PETROV, Iordan, tekhn.; IVANOV, Kristo

Staining of bright veneers by pulverization grease pin at the
State Industrial Enterprise "Pobeda" of Turnovo. Duvomebel' pr m
5 no.1:14-19 Ja-F '62.

1. PETROV, I. A.
2. "13" (500)
4. Karelia-Vegetable Gardening
7. Progressive experience and practices in growing potatoes and vegetables in the Karelo-Finnish S.S.R. *Izv. Kar-Fin. fil. AN SSSR* no. 1, 1951

9. Monthly List of Russian Accessions, Library of Congress, June _____ 1953, U.S.S.R.

PETROV, I.A.

Controlled change in the nature of cereal crops. Bot.zhur. 38
no.6:782-804 N-D '53. (MLRA 7:1)

1. Karelo-Finnskiy filial akademii nauk SSSR, Petrozavodsk.
(Grain)

PETROV, I. A.

USSR/ Agriculture - Hybridization

Card 1/1 Pub. 124 - 3/25

Authors : Petrov, I. A.

Title : Vegetative hybridization of grain cultures

Periodical : Vest. AN SSSR 25/12, 21-28, Dec 1955

Abstract : Scientific data are presented on vegetative hybridization of various grain cultures. Table; diagrams; illustration.

Institution :

Submitted :

PERCZ, I.A.

Work of the Institute of Biology of the Karelian Branch of the
Academy of Sciences of the U.S.S.R. Izv. Kar. i Kol' fil. AN SSSR
no. 1:12-19 '57. (MIRA 1117)

1. Institut biologii Karel'skogo filiala AN SSSR.
(Karelia--Biological research)

USSR/General Biology - Genetics.

B-6

Abs Jour : Ref Zhur - Biol., No 15, 1958, 66780

Author : Petrov, I.A.

Inst : Khar'kovsk. un-t.

Title : Transformation of a Nature of Grain Culture by Injection Methods.

Orig Pub : V.sb. Vopr. metodiki selektsii pshenitsy i kukuruzy. Khar'kov, Un-t, 1957, 263-280.

Abstract : An injection is made into a milky ripe grain of a plant using a needle equipped with a drill-like tip. Then, with the very same needle to which endosperm particles and films have adhered, an injection is made into the endosperm of the grain of another plant. This is the injection method, and in the author's opinion, it combines the hereditary characteristics of both plants, and

Card 1/2

- 11 -

PETROV, I.A.

Endosperm transplation method and its significance in the regeneration
of grain crops. Izv.Kar. i Kol'.fil.AN SSSR no.3:59-65 ' 58.

(MIRA 11:12)

1. Institut biologii Karel'skogo filiala AN SSSR.
(Grain--Breeding) (Endosperm)

PETROV, I.A.; BARANOVA, I.I.

Connection between productivity and protein content in the forms
of wheat progeny obtained by the method of endosperm infection.
Trudy Kar. fil. AN SSSR no.37:150-160 '64. (MIRA 18 3

18 0000 1 11
GULYAYEV, Aleksandr Pavlevich; BOGACHEV, I.N., doktor tekhnicheskikh nauk, professor, retsenzent; KUNYAVSKIY, kandidat tekhnicheskikh nauk, dotsent, redaktor; PETROV, I.A., redaktor; ZUDAKIN, I.M., tekhnicheskii redaktor.

[Physical metallurgy] Metallovedenie. Izd. 3-e, perer. Moskva. Gos. izd-vo obr.promyshl., 1956. 343 p. (MIRA 9:6)
(Physical metallurgy)

ZAK, L.A.; KULESHOV, N.P.; PETROV, I.A.; SMIRYAGIN, V.P., otv. red.;
ORLOVA, I.A., red.; POFOVA, N.S., tekhn.red.

[Punched card information input and output systems of the
BESM-2 computer] Sistema ustroistv vvoda i vyvoda na perfo-
kartakh vychislitel noi mashiny BESM-2. Moskva, Vychislitel'-
nyi tsentr AN SSSR, 1961. 26 p. (MIRA 15:2)
(Electronic calculating machines--Input-output equipment)

VARENNIK, Ye. I., doktor tekhn.nauk, prof.; KANTORER, S. Ye., kand.tekhn.nauk, dotsent; PARABENK, G. B., kand.tekhn.nauk, dotsent; GALKIN, I. G., kand.tekhn.nauk, dotsent; PETROV, I. A., doktor tekhn.nauk, prof.; VIKHREV, I. D., kand.tekhn.nauk, dotsent; DIKOV, N. D., kand.tekhn.nauk, dotsent; SYRISOVA, Ye. D., kand.tekhn.nauk, dotsent; BRISKMAN, I. A., ekonomist; IL'IN, V. M., inzh., nauchnyy red.; LEYKIN, B. P., ekonomist, nauchnyy red.; SEVORTSOVA, I. P., red.isd-va; GERASIMOVA, G. S., red.isd-va; GOL'BERG, T. M., tekhn.red.; KASIMOV, D. Ya., tekhn.red.

[Organization and planning in the construction industry] Organizatsiya i planirovaniye stroitel'nogo proizvodstva. Moskva, Gos.isd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 526 p. (MIRA 14:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Varenik).
(Construction industry)

LANDAG, L.C., *architekturny*; *Belast.*, 1.4., inch.

New standards *specifikatsiya* for industrial buildings. *Stroyt.* 1965.
43 no.10:16-20 '65.

1. *Tsentral'nyy nauchno-issledovatel'skiy i proyektirovaniy* *eksperimental'nyy institut promyshlennykh zdaniy i sooruzheniy.*

KOZMA, I.; BAGAYEV, V.P. [translator]; IL'IN, I.S. [translator]; PETROV,
I.A. [translator]; LEFNIKOVA, Ye., red.; DUDNICHEIKO, E., mald.
red.; NOGINA, N., tekhn. red.

[Agriculture of the Rumanian People's Republic on the way to
socialism] Sel'skoe khoziaistvo Rumynskoy Narodnoi Respubliki na
puti sotsializma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 99 p.
(MIRA 14:10)

(Rumania--Agriculture)

PETROV, Ivan Aleksandrovich, prof., doktor tekhn.nauk; SMIRNOV, B.K.,
inzh., red.; MORSKOY, K.L., red.izd-va; MEDVEDEV, L.Ya., tekhn.
red.; NAUMOVA, G.D., tekhn.red.

[Setting up production standards and making estimates in
construction] Tekhnicheskoe normirovanie i smety / stroi-
tel'stve. Izd.3., perer. i dop. Moskva, Gos.izd-vo lit-ry po
stroit., arkhit. i stroit.materialam, 1960. 387 p.

(MIRA 13:5)

(Building--Estimates) (Construction industry--Production standards)

VARENIK, Y. I.; FELIKS, I. A.,
doktor ekon. nauk; ALEKSEEV, G., doktor ekon. nauk;
PARABEK, G. E., kand. tekhn. nauk; DIKOV, N. L., kand. tekhn.
nauk; NIKH EN, I. I., kand. tekhn. nauk; SUTCHUA, Ye. I.,
kand. tekhn. nauk; ALEKSEEV, I. I., kand. tekhn. nauk;
MIGUNOV, I. A., kand. tekhn. nauk.

1970
1971
1972
1973

PETROV, I.A.

Injection method and its significance in transforming the nature
of grain crops. Trudy Kar.fil.AN SSSR no.17:5-32 1960.
(MIRA 13:4)

(Grain breeding)

PETROV, I.A., doktor tekhn.nauk

Developing and improving methods for setting up production standards. Trudy MII no.14:509-521 '59. (MIRA 1):1)

1. Moskovskiy inzhenerno-ekonomicheskii institut.
(Construction industry--Production standards)

MIL'MAN, Yakov Vladimirovich; ~~PETROV~~, Ivan Arsen'yevich; SHVYREV, S.S.,
kandidat tekhnicheskikh nauk, retsenzent; LIOZHOV, A.G., redaktor;
NEKRASOVA, O.I., tekhnicheskii redaktor

[Automatic electric drive for textile machinery] Avtomatika elektro-
privoda tekstil'nykh mashin. Izd. 2-oe, perer. i dop. Moskva, Gos.
nauchno-tekhn. izd-vo Ministerstva legkoi promyshl. SSSR, 1956.
391 p. (MLRA 9:10)

(Automatic control)

(Textile machinery--Electric driving)

PIETROV, I.A., kand.tekhn.nauk

New standards for making estimates in construction. *Stroi.prom.*
27 no.1:17-20 Ja '49. (MIRA 13:2)
(Building - Estimates)

FETROV, Ivan Aleksandrovich, doktor tekhn. nauk, prof.; SMIRNOV,
B.K., kand. tekhn. nauchn. red.

[Setting of technical standards and the making of estimates
in the construction industry.] Tekhnicheskie normirovanie i
smetnoe delo v stroitel'stve. Moskva, Stroiizdat, 1964.
522 p. (SIRA 17:12)

PEKROV, Ivan Alekseyevich; LIVSHITS, Ya.L., red.; ATROSHCHENKO, L.Ye.,
tekhn.red.

[Fifteen years of the new life of the Rumanian people] 15 let
novoi zhizni rumynskogo naroda. Moskva, Izd-vo "Znanie," 1959.
31 p. (Vsesoiuznoe obshchestvo po rasprostraneniю politicheskikh
i nauchnykh znaniy. Ser.7. Mezhdunarodnaya, no.15)

(MIRA 12:8)

(Rumania--Politics and government)

(Rumania--Economic conditions)

PETROV, I. A. Doc Tech Sci -- (diss) ~~about~~ "Generalized methods of estimating standardization in construction." Mos, 1967. 30 pp 20 cm (Min of Higher Education USSR. Mos Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev), 120 copies (KL, 15-67, 105)

MALYUGIN, V.I.; YEFREYEV, S.A., kandyd. tekhn. nauk; REYNIK, S.M.;
SUKHSHTEIN, D.I.; BURAYEV, Yul'd.; FILL', A.Kh.; ERASIMICH,
A.A.; FILIPPOV, S.Ye.; PETROV, I.A., prof., doktor
tekhn. nauk, nauchn. red.; GIKOMSKII, V.F., prof., doktor
ekon. nauk, nauchn. red.; GERASIMOVA, I.S., red. izd-va;
GOL'BERG, S.M., tekhn. red.

[Manual for estimator costs in construction] Spravochnik
po smotcheru tsen v stroitel'stve. Moskva, Gosstroizdat,
Pt.2. 1965. 262 p. (RUS) (101)

I. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-
issledovatel'skiy institut ekonomiki stroitel'stva.
(Construction industry--Costs)

PETROV, I.A., kand.tekhn.nauk, dotsent

Estimating the economic efficiency of using precast elements in
construction. Trudy MIEI no. 9:229-232. (VIRA 11:6)

1. Moskovskiy inzhenerno-ekonomicheskiy institut.
(Precast concrete construction)

PETROV, I.A., 1925.

Российский советский федеративный социалистический союз
Учреждение: ЦК ВКП(б) (Москва)

ACCESSION NR: AP4013420

S/0057/64/034/002/0313/0320

AUTHOR: Abrosimon, N.K.; Kaminker, D.M.; Petrov, I.A.; Sherman, S.G.

TITLE: On the theory of a duct consisting of magnetic quadrupole lenses for obtaining pure beams of μ -mesons of various energies

SOURCE: Zhurnal tekhn.fiz., v.34, no.2, 1964, 313-320

TOPIC TAGS: meson, μ -meson, π -meson, μ -meson duct, magnetic lens, quadrupole magnetic lens, magnetic lens system, momentum selector

ABSTRACT: The theory of the so-called μ -meson duct is discussed (A.Citron a. H. Overas. Report CERN sc.,143,1961; E.Braunersreuther, V.Chabaud, C.Delorme and M. Morugo, Report CERN 61-12,1961). The duct consists of a sequence of identical and equally spaced magnetic quadrupole lenses so oriented that the successive convergence planes are perpendicular to each other, and is intended for obtaining a beam of μ -mesons from the decay in flight of π -mesons. Previous theoretical treatments have restricted the discussion to the case of thin lenses. The results of the present paper are valid for lenses of arbitrary thickness (length). The equation of

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ACCESSION NR: AP4013420

the trajectories is of the type of Hill's equation. The stability criteria are obtained with the aid of Floquet's theorem. If the lenses are made very long, the stability regions become narrow (only particles having momenta within a small range are passed) and the system, no longer useful as a π -meson duct, can be employed as a momentum selector. From the envelope of the stable trajectories, the region in phase space is obtained from which μ -mesons, produced by decay of π -mesons in stable orbits, are captured. An expression is derived from which, by numerical integration, one can obtain the efficiency of a proposed system, i.e., the number of separable μ -mesons produced per entering π -meson. "The authors consider it their pleasant duty to express their gratitude to D.G. Alkhazov and A.P. Komar for detailed discussion of the present work." Orig.art.has: 30 formulas and 3 figures.

ASSOCIATION: Fiziki-tekhnicheskiy institut im. A.F. Ioffe AN SSSR, Leningrad (Physical Technical Institute, AN SSSR)

SUBMITTED: 15Dec62

DATE ACQ: 26Feb64

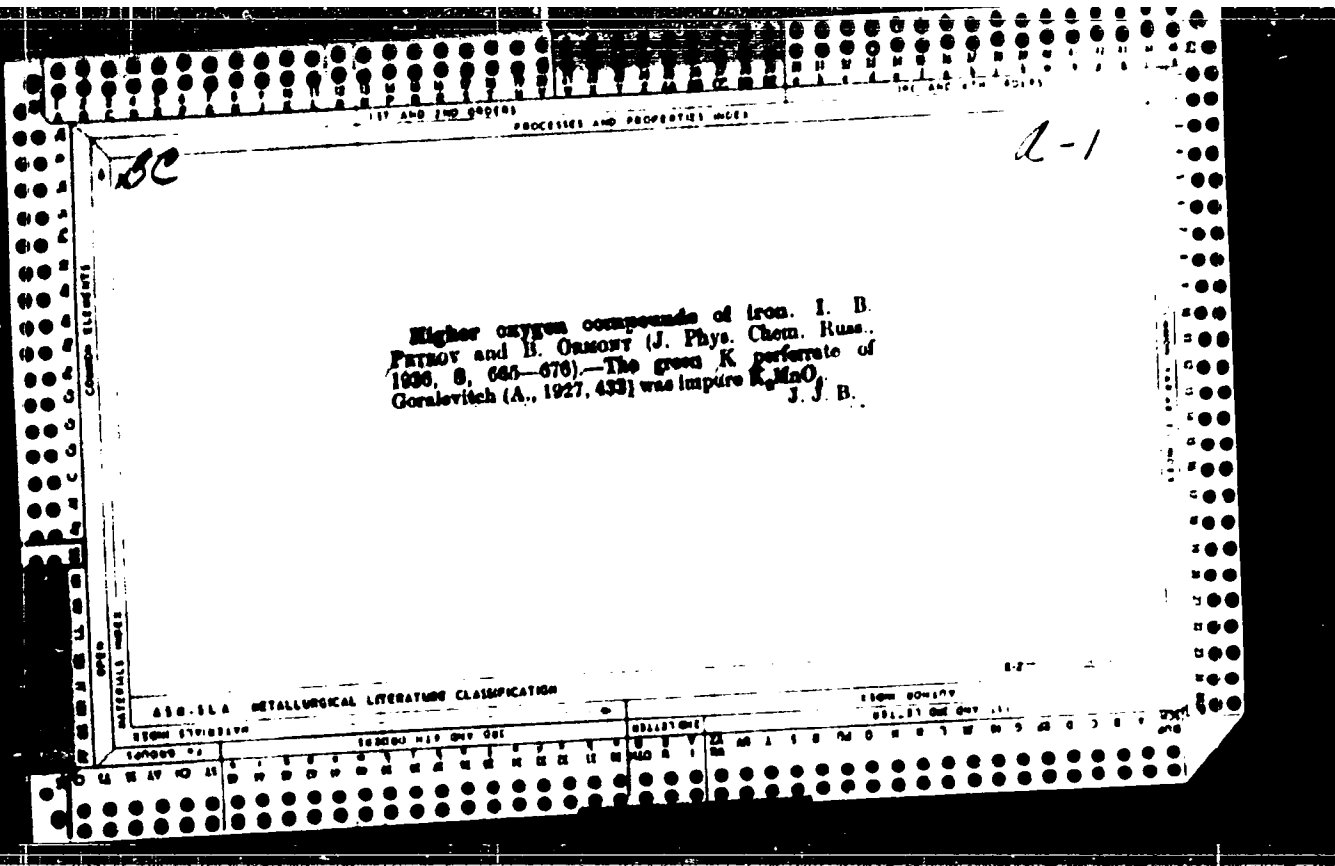
ENCL: 00

SUB CODE: PH, SD

NR REF SOV: 001

OTHER: 009

Card 2/2



PETROV, I.

AFONIN, K.B.; BURTSEV, K.I.; BYSTROW, S.N.; VINITS, G.B.; VODNEV, G.G.; VORONIN, A.S.; GEVLICH, A.S.; GRYAZNOV, N.S.; GUDIM, A.F.; GUSYATINSKIY, M.A.; DVORIN, S.S.; DIDENKO, V.Ye.; DMITRIYEV, M.M.; DOLDE, M.M.; DOROGOBYD, G.M.; ZHDANOV, G.I.; ZAGORUL'KO, A.I.; ZELENETSKIY, A.G.; IVASHCHENKO, Ya.N.; KAFTAN, S.I.; KVASHA, A.S.; KIREYEV, A.D.; KLISHEVSKIY, G.S.; KOZYREV, V.P.; KOLOBOV, V.N.; LGALOV, K.I.; LEYTES, V.A.; LERNER, B.Z.; LOBODA, N.S.; LUBINETS, I.A.; MANDRYKIN, I.I.; MUSTAFIN, F.A.; NEMIROVSKIY, N.Kh.; NIKEDOV, V.A.; OBUKHOVSKIY, Ya.M.; PRITSEV, M.A.; PETROV, I.D.; PODOROZHANSKIY, M.O.; POPOV, A.P.; RAK, A.I.; REYAKIN, A.A.; ROZHKOV, A.P.; ROZENGAUZ, D.A.; SAZONOV, S.A.; SIGALOV, M.B.; STOMAKHIN, Ya.B.; TARASOV, S.A.; FILIPPOV, B.S.; FRIDMAN, N.K.; FRISHBERG, V.D.; KHAR'KOV-SKIY, K.V.; KHOLOPSEV, V.P.; TSAREV, M.N.; TSOGLIN, M.B.; CHERNYI, I.I.; CHERTOK, V.T.; SHELKOV, A.K.

~~SECRET~~

Samuil Borisovich Banne. Keks i khim. no. 6:64 '56.
 (Banne, Samuil Borisovich, 1910-1956)

(MLRA 9:10)

PETROV, I.D. Cand. Agricult. Sci.

Dissertation: "Influence of Boron on the Yield of Tuber Root Crops, Depending on the Time of its Introduction, Under Conditions of Liming the Podzolic Soils." All-Union Sci Res Inst Fertilizers, Agricultural Engineering and Soil Science imeni K.K. Medoyets, 18 Mar 47.

SO: Vecnernyaya Moskva, Mar, 1947 (Project #17836)

DE 100 V, 1 T

USSR/Soil Science. Mineral Fertilizers.

I-5

Abs Jour: Referat Zh-Biol., No 6, 25 March, 1957, 22512

Author : Petrov, I.D.

Inst :

Title : The Timing of Boron Fertilizer Application for Fodder Tubers on Limed Sod-Podzol Soils.

Orig Pub: Tr. Vses. n.-i. in-ta udobr., agrotekhn., agropochvoved., 1955, no. 31, 314-330

Abstract: In field and vegetative experiments with feed beets and turnips for all periods of applying boron fertilizers (before sowing and after 1 and 2 months), the positive effect of boron on tubers crops is proven on limed as well as on unlimed soils. In experiments with feed beets, the results were alike at all periods of fertilization; in experiments with turnips, the application before sowing was somewhat more effective than later feeding. Data are given for assimilation of boron, calcium and

Card : 1/2

-25-

welding

S.A.
Sect. B

626,627 : 621.311.21
428. Standards and conditions governing the use of
ferro-concrete for hydro-engineering structures. I. E.
PETROV. *Gidrotekhn. Stroit.*, 24-7 (No. 7, 1951) In
Russian.

Some formulas in current standards are not accept-
able in the design as cracking of concrete under load
is not permissible. Several simple design formulas
are suggested. Conditions under which cracking of
ferro-concrete structures must be prevented should
be more exactly defined; permissible spacing between
expansion joints should be in proportion to reinforce-
ment standards should allow for application of higher
grade steel, also twisted and weaved armatures.

J. LUKASZEWICZ

CHRISTYAKOV, A.D.; RUNITSA, I.S.; PETROV, I.F., red.; DEYEV, F.G.,
tekh. red.

[Omsk Province; facts and figures, Omskaia oblast'; tsifry
i fakty. Omsk, Omskoe knizhnoe izd-vo, 1962. 220 p.
(MIRA 16:12)

(Omsk Province—Economic conditions)

SHENOV, A.A.; PETROV, I.F.

Introducing welded part structure for electric locomotives.
Bul. tekhn.-onon. inform. Gos. nauch.-issl. inst. nauch. i
tekhn. inform. 18 no. 12:54-55 D '65 (CTA 19:1)

PETROV, I.P., red.; MEL'NIKOV, V.I., tekhn.red.

[The three years] Tri goda. Omsk, Omskoe knizhnoe izd-vo,
1959. 131 p. (MIRA 13:3)

(Omsk Province--Economic conditions)

L. J. Datta

429 Standards and conditions governing the use of
ferro-concrete for hydro-engineering structures. I. I.
DUBAY, *Industrielle Anst. 24* (No. 7) 1951, p.
R. 122.

Some formulae in current standards are not accept-
able in this regard as cracking of concrete under load
is not permissible. Several simple design formulae
are suggested. Conditions under which cracking of
ferro-concrete structures must be prevented should
be more exactly defined. Permissible spacing between
expansion joints should be in proportion to roadway
width. Standards should allow for application of higher
grade steels, also twisted and welded structures.

KOCHERSIN, Aleksey Yefimovich; KOVAL'CHUK, Aleksey Maksimovich;
PESKOV, I.P., red.; MEL'NIKOV, V.I., techr. red.

[Fertilizing soils of the non-thawed zone] (Sobremennye
pochvy nach na raznoy. ... (MIRA 1970)
2070. (31. ...)
(On the ... and ...)

KAGANOVICH, Vladimir Yefimovich; CLEYNIK, Nikolay Georgiyevich;
SIMONOV, Vladimir Andreyevich; PETROV, I.F., red.;
SHATCKHIN, V I., tekhn. red.

[Transportation of Omsk Province]Transport Omskoi oblasti.
Omsk, Omskoe knizhnoe izd-vo, 1961. 45 p. (MIRA 15:8)
(Omsk Province.. Transportation)

PETROV, I.F., red.; BISEHOV, N.V., tekhn.red.

[Gaining a kilogram a day] Za kilogramm privessa v sutki!
Omak, Omskoe knizhnoe izd-vo, 1960. 16 p.

(MIRA 14:3)

(Cattle--Feeding and feeds)

BOGUSLAVSKIY, Viktor Petrovich, kand. tekhn. nauk; DAVYDOV, Andrey
Dmitriyevich; KHRUPPA, Ivan Fedorovich; PETROV, I.F., red.;
MEL'NIKOV, V.I., tekhn. red.

[Irrigation of vegetable crops in suburban zones] Oroshenie ovoshch-
nykh kul'tur vprigorodnoi zone. Omsk, Omskoe knizhnoe izd-vo, 1960.
67 p. (MIRA 14:12)

(Vegetables--Irrigation)

PETROV, I. G.

Buckling of the ice cover caused by uneven melting. Probl. Arkt.
i Antarkt. n. 1959-60, 1961. (MIRA 1:49)
(Yenisey Bay--Ice)

PETROV, I.G.

The drifting station "North Pole 4" has ceased to exist. Probl.
Arkt. no.4:108 '58. (MIRA 11:12)

1. Zamestitel' nachal'nika stantsii "Severnyy polyus-4."
(Arctic Ocean--Oceanographic research.)

PETROV, I.G.

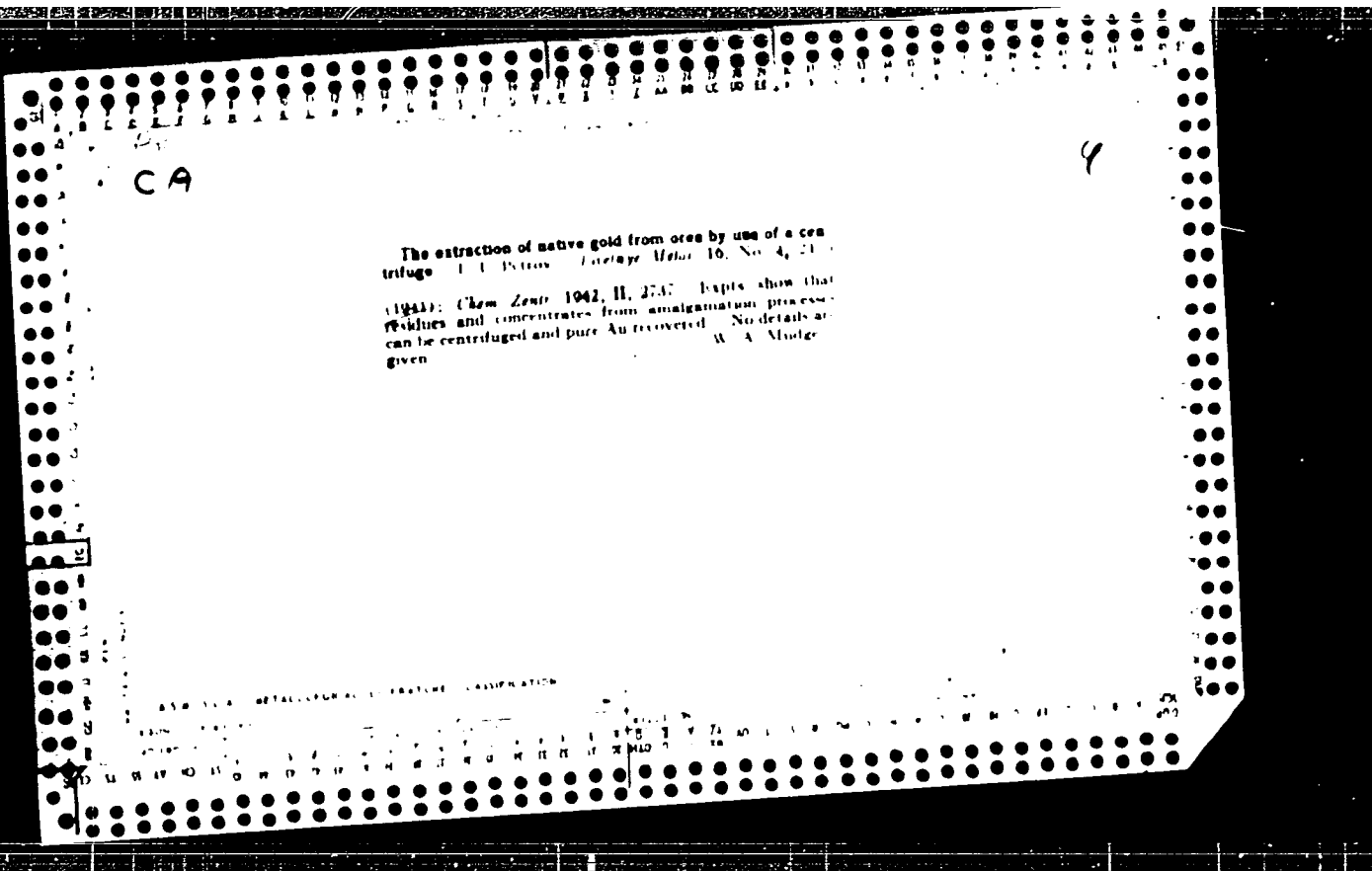
Using the heat of deep waters for creating unfrozen water
areas. Trudy AANII 267:81-88 '64 (MIRA 18:1)

Use of steam for forming polynyas in an ice cover. Ibid.:
100-104

ZVELEV, Anatoliy Arsen'yevich; FETROV, I.G., red.; FRISHMAN, Z.S.,
red. izd-va; KOTLYAKOVA, O.I., tekhn. red.

[Marine hydrological forecasting] Morskoe gidrologicheskie
prognozy. Leningrad, Izd-vo "Morskoi transport," 1961. 291 p.
(MIRA 15:5)

(Oceanography)



ACCESSION NR: AP4041002

S/0106/64/000/006/0045/0053

AUTHOR: Petrov, I. I.

TITLE: Electric T-and- Π -section band-pass filter

SOURCE: Elektrosvyaz', no. 6, 1964, 45-53

TOPIC TAGS: electric filter, band pass filter, T pi band pass filter, low pass pi filter, high pass T filter

ABSTRACT: Permitting a certain impedance mismatch in the passband, a complex filter can be formed from low-pass Π -sections and high-pass T-sections which contain a minimum number of inductance coils. The mismatch can be sufficiently reduced by designing the low and high sections for different load impedances; with proper proportioning, the overall attenuation within the pass-band may deviate from its average value by only 0.1 nep. or less. Further improvement of the T Π -filter with regard to its attenuation may be obtained by

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ACCESSION NR: AP4041002

adding low-pass and high-pass sections, completely or incompletely matched, this permits obtaining a desirable attenuation-frequency characteristic in the rejection band. Formulas for designing the T_n-filter are supplied. Experiments with a 300-3,500-cps passband filter containing only two inductors, with a 6-9.7-kc filter composed of M-derived sections, and with a 28-32-kc incompletely matched filter, are also reported. Orig. art. has: 10 figures and 26 formulas.

ASSOCIATION: none

SUBMITTED: 10Apr63

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 000

Card 2/2

BLINOV, V.I.; KHUDYAKOV, G.N.; PETROV, I.I.; KENTT, V.Ch.

Motion of liquid agitated by a jet of air in a tank. Inzh.-fiz.
zhur. no.11:6-17 N 198. (MIRA 12:1)

1. Energeticheskiy Institut AN SSSR, g. Moskva.
(Hydrodynamika)

CHILIKIN, M.G.; PETROV, I.I.; RAZFZIG, D.V.; FEDOSEYEV, A.M.;
SYROMYATNIKOV, I.A.; DROZDOV, N.G.

I.I. Solov'ev; on his 60th birthday. Elektrichestvo no.8:94
Ag '63. (MIRA 16:10)

PESTOV, I. I.

Pa-212

USSR/Electric Machinery - Drills
Motors - Controlling Devices

Mar 1947

"A System for Controlling Motors of Electric
Drilling Machines on the Principle of Series-
Parallel Operation, Proposed by M M Lavrinenko,"
I I Petrov, 2 pp

"Energeticheskiy Byulleten" No 3

2723

PETROV, I. I.

4775

USSR/Academy of Sciences
Energetics

Mar 1948

"All-Union Correspondence Energetics Institute," I.
I. Petrov, Vice-director Sci and Educ Work of VZEI,
 $\frac{1}{2}$ p

"Elektrichestvo" No 3

Briefly describes organization of Correspondence Ener-
getics Institute, organized during latter part of
1947.

4775

PETROV, V.I., kandidat tekhnicheskikh nauk; PETROV, I.I., dotsent, kandidat tekhnicheskikh nauk.

Solving the equation of the motion of an electric drive, taking into account energy losses in its mechanical part. Vest.elektroprom. 19 no.3:8-13 Mr. '48. (MLRA 6:12)

1. Vsesoyuznyy saochnyy energeticheskiy institut.
(Electric motors)

P. PETROV, I. I.

PA 10 4710

USSR/Engineering
Training

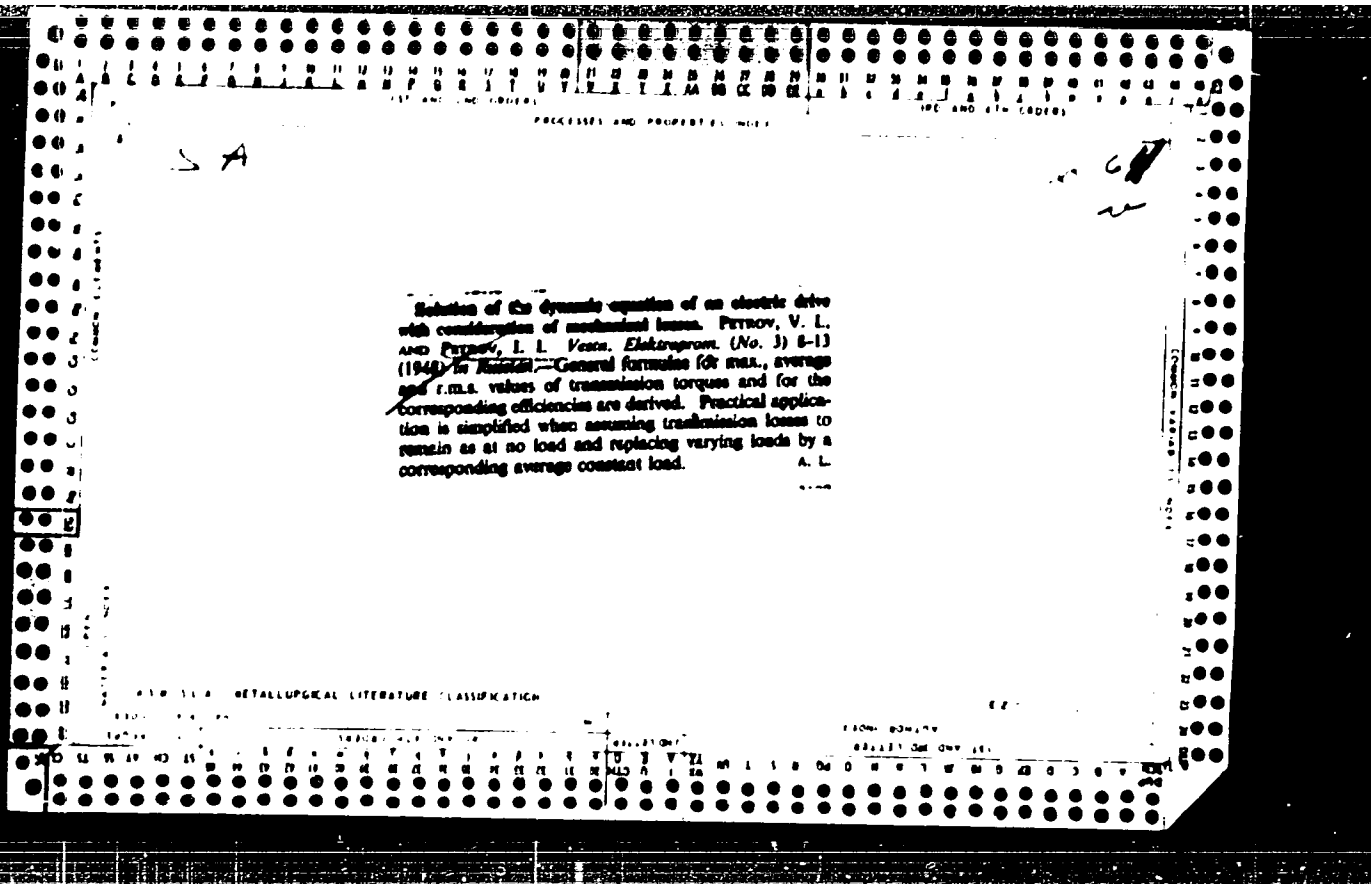
Jul 48

"Correspondence Courses for Power Engineers and
Workers," I. I. Petrov, VZEI, 1 3/4 pp

"Energet Byul" No 7

In 1947 an All-Union Corresp Power Inst was organized
in Moscow, with branches in Leningrad, Kiev, Baku,
Tashkent, Sverdlovsk and Novosibirsk. Describes
various faculties and method of instruction.

10/49T40



USSR/Electricity
Cranes, Electric
Drives, Electric

Apr 49

Review of A. G. Mekler's 'Electric Drive for
Crane Machinery,' "Dr I. I. Petrov, Cand Tech Sol,
Head of Chair of Elec Drive, All-Union Power Eng
Comm Invt, V. I. Petrov, Cand Tech Sol, Moscow
Higher Tech School Imeni Bauman, Dr L. B. Gajler,
Cand Tech Sol, Sr. Sol Collaborator (TANIKIA),
N. M. Sinyavskiy, Chief Engr, "Dynamo" Factory Imeni
Kirov, Ye. A. Izyborich, "Dynamo" Factory Imeni
Kirov, 2 pp

"Elektrichestvo" No 4

39/49T29

USSR/Electricity (Contd)

Apr 49

Highly critical review of subject book. Author
did not test a single crane motor, either in
laboratory or in industry. All of his calculations
(most of which were erroneous) were for models.
Concludes that publishing house made a mistake in
publishing book.

39/49T29

BARANOV, A.F., redaktor; BIZYUKIN, D.D., redaktor; VAKHNIN, M.I., otvetstvennyy redaktor toma; professor, doktor tekhnicheskikh nauk, VEDENISOV, B.N., redaktor; IVLIYEV, I.V., redaktor; MOSHCHEV, I.D., redaktor; RUDOY, Ye.F., glavnyy redaktor; SOKOLINSKIY, Ya.I., redaktor; SOLOGUBOV, V.N., redaktor; SHILEVSKIY, V.A., redaktor; ALFEROV, A.A., inzhener; ANASHKIN, B.T., inzhener; APANAS'YEV, Ye.V., laureat Stalinskoy premii, inzhener; BELENKO, K.M., dotsent; BORISOV, D.P., dotsent, kandidat tekhnicheskikh nauk; ZHIL'TSOV, P.N., inzhener; ZBAR, N.R., inzhener; IL'YENKOV, V.I., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, A.A., kandidat tekhnicheskikh nauk; KRAYZMER, L.P., kandidat tekhnicheskikh nauk; KOTLYARENKO, N.P., dotsent, kandidat tekhnicheskikh nauk; MAYSHEV, P.V., professor, kandidat tekhnicheskikh nauk; MARKOV, M.V., inzhener; NELEPETS, V.S., dotsent, kandidat tekhnicheskikh nauk; NOVIKOV, V.A., dotsent; ORLOV, N.A., inzhener; PETROV, I.I., kandidat tekhnicheskikh nauk; PIVKO, G.M., inzhener; PODOLIN, A.W., inzhener; RAMLAU, P.H., dotsent, kandidat tekhnicheskikh nauk; ROGINSKIY, V.N., kandidat tekhnicheskikh nauk; RYAZANTSEV, B.S., laureat Stalinskoy premii, dotsent, kandidat tekhnicheskikh nauk; SHARSKIY, A.A., inzhener; FELDMAN, A.B., inzhener; SHASTIN, V.A., laureat Stalinskoy premii, inzhener; SHUR, B.I., inzhener; GONCHUKOV, V.I., inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; APANAS'YEV, Ye.V., laureat Stalinskoy premii, retsenzent.

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika Vol. 8 [Signaling, central control, block system, and communication] Signalizatsiya, tsentralizatsiya, blokirovka, svyaz'. Red. kollegiya A.F. Baranov [i dr.] Glav. red. E.F. Rudoj. Moskva, Gos. transp. zheleznodor. izd-vo, 1952. 975 p. (Continued on next card)

BRYLEYEV, A.M., laureat Stalinskoy premii, inzhener, GAMBURG, Ye.Yu., inzhener, retsenzent; GOLOVKIN, M.K., inzhener, retsenzent; KAZAKOV, A.A., kandidat tekhnicheskikh nauk, retsenzent; KUT'IN, I.M., dotsent, kandidat tekhnicheskikh nauk, retsenzent, LEONOV, A.A., inzhener, retsenzent; SEMENOV, N.M., laureat Stalinskoy premii, inzhener, retsenzent; CHERNYSHEV, V.B., inzhener, retsenzent; VALUYEV, G.A., inzhener, retsenzent; MERTAS, N.A., laureat Stalinskoy premii, inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent, PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent, POGODIN, A.M., inzhener, retsenzent, KHODOROV, L.R., inzhener, retsenzent; SHUPOV, V.I., kandidat tekhnicheskikh nauk, retsenzent, KLYKOV, A.F., inzhener, retsenzent, YUDZON, D.M., tekhnicheskii redaktor, VERINA, G.P., tekhnicheskii redaktor.

[Technical handbook for railroad men] Tekhnicheskii spravochnik shelezodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F. Baranov [1 dr.] Glav. red. E.F. Rudoi. Moskva, Gos. transp. shel. dor. izd-vo, 1952. 975 p. (Card 2) (MLRA 8:2)
(Railroads--Signaling) (Railroads--Communication systems)

PETROV, I. I.

USSR/Electricity - Literature
Electric Drive Jan 52

"Review of A. Ya. Lerner and V. I. Feygin's
Book 'Automatic Control of Electric Drives,'"
Docent I. I. Petrov, Cand Tech Sci, All-Union
Corr Power Eng Inst

"Elektrichestvo" No 1, p 96

Favorable Review of subject book, which was
written by request of the Public University of
the All-Union Council of Sci and Tech Societies.
The following types of systems for control of
elec drives are considered in the book:

201719

USSR/Electricity - Literature (Contd) • Jan 52
amplidyne systems; systems providing for
the use of magnetic amplifiers; electronic
control; and pulse control systems.

201719

PETROV, I.I., dots., kand. tekhn. nauk; SVERDICHENKO, D.Ya., assist.

Using the ZhR-1 radio station for wire communications. Soor. nauch.
trud. LETIZHT no.5:167-174 '53. (MIRA 11:3)

(Railroads--Communication systems) (Radio stations)

CHILIKIN, M.O. [author]; PETROV, I.I., dotsent, kandidat tekhnicheskikh nauk [re-
viewer].

"General course on electric drives." M.O.Chilikin. Reviewed by I.I.Petrov.
Elektrichestvo no.11:92-93 N '53. (MLRA 6:10)
(Electric driving)

PETROV, I.I.

Vladimir Ivanovich Dikushin. Avtom. 1 telem. 14 no. 337-340
My-Je '53.

(Dikushin, Vladimir Ivanovich, 1902)

(MLRA 10:3)

PETROV, I.I., dotsent, kandidat tekhnicheskikh nauk.

Consultation on the automatization of technological processes
in machine building. Elektrichestvo no.2:92-94 P 154. (MLRA 7 2)
(Automatic control)

VINTER, A.V., akademik; KUKUSHKIN, I.N., inzhener; TRAPEZNIKOV, V.A.;
NIKOLAYEV, A.T., inzhener (Muromtsevo, Vladimirovskoy obl.); KUDELIN,
Ya.M. (Muromtsevo, Vladimirovskoy obl.); PETROV, L.L., dotsent, kandidat
tekhnikeskikh nauk (Moscow); BADALYANTS, M.G., inzhener; BELICHENKO,
G.M., inzhener; KLAPCHUK, L.D., inzhener; FRANTSUZOV, Ye.M., inzhener;
TAREYEV, B.M., professor, doktor tehnikeskikh nauk; MAGIDSON, A.O.,
inzhener.

Improving the knowledge of power engineers through correspondence
courses. Remarks on B.M.Tareev's and A.O.Magidson's article. Elek-
trichestvo no.3:76-80 Mr '54. (MLRA 7:4)

1. Energeticheskiy institut im. Krzhizhanovskogo Akademii nauk SSSR
(for Vinter). 2. Glavnyy energetik Gor'kovskogo avtomobil'nogo
zavoda im. Molotova (for Kukushkin). 3. Institut avtomatiki i tele-
mekhaniki Akademii nauk SSSR (for Trapeznikov). 4. Chlen-korrespon-
dent Akademii nauk SSSR (for Badalyants). 5. Leninskangee (for Bada-
lyants). 6. Dnepropetrovskiy institut inzhenerov transporta (for Be-
lichenko). 7. Kurakhovskaya gres (for Klapchuk). 8. Orekhovo-Zuyev-
skaya tets (for Frantsuzov). 9. Vsesoyuznyy saochnyy energeticheskiy
institut (for Tareyev and Magidson).

PETROV, I. I.

7578

PETROV, I. I. VSESOUZNY ZAOCHNY ENERGETICHESKIY INSTITUT.
Metodicheskoye pis'mo do kursu "Osnovy elektroprivoda." M., 1955.
27 s.s chert. 20 sm. (M-vo vyssh. obrazovaniya SSSR. Vsesoyuz. zaoch.
energet. in-t. Fak. usover shenst vovaniya inzhenerov). 300 ekz.
Bespl.- V kontse teksta sost: I. I. Petrov.
(55-4024)

621.74(071.4)

So: Knizhnaya Letopis - Vol. 7, 1955

PETROV, I. I.

7576

PETROV, I. I. VSESOYUZNYI ZAOCHNYI ENERGETICHESKIY INSTITUT. Metodicheskiye ukazaniya i kontrol'-nyye zadaniya po kursu "Avtomatizirovannyy elektroprivod." Dlya spetsial'nosti "Elektrifi-katsiya prom. predpriyatiy." M., 1955. 20 sm. (M-vo vyssh - obrazovaniya SSSR...) Bespl.- v kontse teksta sost: I. I. Petrov. Ch. 1. Osnovy elektroprivoda. 36 s.s chert. 500 ekz.- (55-4047)

621. 74-52 (071.4)

SO: Knizhnaya LeTonis - Vol. 7, 1955

PETROV I. I.

ADP P-1000

Subject : USSR/aircraft

Date: 1.2 Feb. 27 1965

Authors : ~~Petrov, I. I., Acad. of Techn. Sci., Dotsent, and~~
~~Abshman, V. G., Acad. of Techn. Sci., Dotsent, Moscow~~

Title : Prospects of development of automatic control of machine tool groups

Periodicals: Elektritsits, -1, 37-41, Ap 1965

Abstract : The author analyzes the more complicated system of group control of machine tools like cutting and turning machinery for the tooling of automobile cylinder blocks and of automobile pistons. The number of contact openings per cycle in these two cases goes as far as 14,057 in the first and 64,600 in the second type of operation. The authors propose simplifying such operations by a transition from contact-relay control to contactless electrical and electronic systems, and also by the use of electronic apparatus based on secondary

Elektrichestvo, 4, 37-41, ap 1955

AID P - 2004

Card 1/2 Pub. 17 - 8/51

electron emission principles. They present a general characteristic of various kinds of contactless systems of control. Two tables.

Institution: Institute of Automation and Remote Control of the Academy of Sciences of the USSR, and the Experimental Scientific Research Institute for Metal-Cutting Lathes (ENIMS)

Submitted : 0 30, 1954

17 3 v 1

Subject : USSR/Electricity AID P - 3020

Card 1/2 Pub. 27 - 7/33

Authors : Chilikin, M. G., Dr. of Tech. Sci., Prof., Golovan, A. T., Dr. of Tech. Sci., Prof., and Petrov, I. I., Kand. of Tech. Sci., Dotsent

Title : Scientific and technical problems of the electric drive

Periodical : Elektrichestvo, 7, 29-36, J1 1955

Abstract : The authors present a historical review of the development of the electric drive in Tsarist Russia and in the Soviet Union. In the second part of the article, they present the basic scientific and technical problems of the modern automatized drive. Among these problems are: frequency control of an a-c drive obtained through static and rotating frequency changers; further improvement of d-c drives, based on the use of closed circuits and feedbacks and use of various types of amplifiers;

KULEBAKIN, V.S.; ALEKSEYEV, A.Ye.; LARIONOV, A.N.; BOGORODITSKIY, N.P.;
CHILIKIN, M.G.; VASIL'YEV, D.V.; ODINTSOV, G.V.; PETROV, I.I.;
PATEYEV, A.V.; GOLOVAN, A.T.; MOROZOV, D.P.; BASHARIN, A.V.

S.A. Rinkevich. Elektrichestvo no. 9:85 S'55. (MLRA 8:11)
(Rinkevich, Sergei Aleksandrovich, 1886-1955)

SOV/112-57-6-12391

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 6, p 108 (USSR)

AUTHOR: Petrov, I. I., Zusman, V. G.

TITLE: Electrical-Control Systems for Automatic Machine Lines and Fundamental Problems in Their Further Perfecting and Development
(Sistemy elektricheskogo upravleniya avtomaticheskimi stanochnymi liniyami i osnovnyye zadachi dal'neyshego ikh uluchsheniya i razvitiya)

PERIODICAL: V sb.: Avtomatizatsiya tekhnol. protsessov v mashinostr. Privod i upravleniye mashinami. M., AS USSR, 1956, pp 84-98

ABSTRACT: Some peculiarities of automatic production-machine lines have been revealed as a result of an analysis of the electric-control systems of 14 lines. Underlying all the schemes of automatic machine-line control is the principle of control as a function of travel performed by working parts of the machine. An example is examined of automating a section of the line on which pistons are machined. The control of automatic lines has the following peculiarities: a closed control cycle for each individual machine, interconnections between these controls and with the control of transportation and loading devices and

Card 1/2

FILIN, N.M.; TULIN, V.S.; CHULIKIN, M.G.; GOLOVAN, A.T.; PETROV, I.I.;
MOROZOV, D.P.; VESHENEVSKIY, S.H.

Engineer N.A. Tishchenko. Elektrichestvo no.3:89 Mr '56.
(Tishchenko, Nikolai Afanas'evich, 1906-) (MIRA 9:6)

PETROV, I.I., kandidat tekhnicheskikh nauk, dotsent.

Method of calculating bipolar elements of some link circuits by
the general expression of the bipolar elements as a fraction of a
rational function. Sbor.LIIZHT no.151:85-100 '56. (MLRA 10:1)
(Electric circuits)

Name: 12110 v, 12110 v, 12110 v, 12110 v

Dissertation: Methods of thermal calculations of
alternating current electric drives

Degree: Doctor of Science

Affiliation: All-Union Correspondence Power Engineering Inst

Defense Date, Place: October 27, Council of Defense members of
Lenin Power Engineering Inst

Verification Date: 1968

Source: B-70-1017

105-2-20/20

Book review: A. I. Meyerov "Introduction to the Dynamics of the Automatic Control of Electric Machines"

ASSOCIATION

Professorial Chair for Automatic Control and Regulation VSEI,
Professorial Chair for Electrification of Industrial Enterprises
VSEI
(Kafedra avtomaticheskogo kontrolya i regulirovaniya VSEI - Kafedra
elektrifikatsii prompredpriyatiy VSEI)

PRESENTED BY
SUBMITTED
AVAILABLE

Library of Congress

Card 2/2

BORISOV, Yuriy Matveyevich; SOKOLOV, Mikhail Mikhaylovich; BASHARIN, A.V.,
doktor tekhn. nauk, retsenzent; ~~ESTROV, L.L.~~, doktor tekhn. nauk,
retsenzent; SILAYEV, N.F., inzh., red.; OSIPOVA, L.A., red. izd-va;
ML'KIND, V.D., tekhn. red.

[Electric equipment for hoisting and conveying machinery] Elektro-
oborudovanie pod'emno-transportnykh mashin. Moskva, Gos. nauchno-
tekhn. izd-vo mashinostroit. lit-ry, 1958. 400 p. (MIRA 11:9)
(Hoisting machinery) (Conveying machinery)
(Electric machinery)

SYROMYATNIKOV, I.A.; GRUDINSKIY, P.G.; PETROV, I.I.; KOROL'KOVA, V.I.;
SERBINOVSKIY, G.V.; BOL'SHAM, Ya.M.; LIVSHITS, D.A.; FAYERMAN, A.L.
HAYFELD, M.P.; ZHIVOV, M.S.; ONKIN, A.K. (Moskva)

Candidate of engineering L. P. Podol'skii. Elektrichestvo no.1:96
Ja '58. (MIRA 11:2)

(Podol'skii, Lev Petrovich, 1887)

LARIONOV, A.N.; KARATYGIN, A.M.; PETROV, I.I.; MOROZOV, D.P.; BARSUKOV, S.G.;
RASKIN, Ye.A.; KHALIZEV, G.I.; MASLENNIKOV, L.V.

Candidate of engineering, Docent K.V. Urnov. Elektrichestvo no.2:
95 # '58. (MIRA 11:2)
(Urnov, Konstantin Vasil'evich, 1907-)

AUTHORS: Petrov, I.I., Professor, Doctor of Technical Sciences, Koritskiy, A.V., Docent, Candidate of Technical Sciences

TITLE: A Manual of Electrical Engineering (Elektricheskaya spravochnik)

PERIODICAL: Elektrichestvo, 1955, No. 11, 94 p. (USSR)

ABSTRACT: The above manual was published under the joint editorship of the professors of the Moscow Institute of Power Engineering A.T. Golovinskiy, F.G. Grudinskiy, G.M. Petrov, A.M. Fedoseyev, M.G. Chilikin (chief editor) and I.V. Antik, engineer. Second revised edition in two volumes, 1152 pages, price 79.75 rubles. Publisher: Gosenergoizdat, 1955. The work consists of four parts: 1.) General Information, 2.) Electrotechnical Materials and Equipment, 3.) Generation, Transmission, and Consumption of Electric Energy, 4.) Technology of Measuring and Control. The book contains tables concerning electrical equipment including costs, formulae for calculations, schemes and their description, standards, etc. The work is, however, not free from basic errors. The material dealt with is not more voluminous than

Card 1/2

A Manual of Electrical Engineering

that dealt with by ordinary text books, and many new problems are not mentioned at all. In many cases the calculation parameters for electrical equipment are lacking. There follow concrete comments on various chapters of this manual. The book was reviewed by: Professor B.M. Tareyev, Professor I.A. Syromyatnikov, Professor N.A. Babakov, Professor P.M. Gotskov, Professor N.A. Nikitin, Professor L.A. Pensonov, Professor I.I. Petrov, Docent A.I. Kuznetsov, Docent N.A. Melnikov, Docent A.I. Dolginov, Docent N.A. Karas, Docent A.G. Moskalev, Docent I.V. Sakharov, Candidate of Engineering Mathematical Sciences M.A. Ryabov, Candidate of Technical Sciences V.M. Shchitova, Candidate of Technical Sciences G.I. Iz'yurina.

AVAILABLE: Library of Congress

1. Electrical Engineering Handbook

Card 2/2

PETROV, I.I., prof., doktor tekhn.nauk

Correspondence courses and improvement of engineers' knowledge. Proc.
energ. 14 no.3:1-3 Apr '59. (MIRA 12:4)

(Electric engineering)
(Correspondence schools and courses)

9.2186

25.5.
S/194/61/000/001/029/038
D216/D304

AUTHOR: Petrov, I.I
TITLE: A piezoelectric filter with flexible mechanical coupling between crystals
PERIODICAL: Referativnyy zhurnal Avtomatika i radioelektronika, no. 1, 1961, 5, abstract 1154 (Sov Leningr in-ta nizm zh -d transp. no. 169, 1960, 135-147)

TEXT: Two variants of mechanical coupling are suggested between the plates of piezoelectric crystals with longitudinal oscillations. The principle has been used for the construction of a pass-band filter F with steep slopes of the attenuation characteristic at a pass-band of 0.8%. The mechanical coupling between the main plates consists of sticking a third plate of small dimensions made either from quartz or thin glass plate. The equivalent circuit of F is given in the form of a four-pole, together with the analysis of its operation. A method of choosing components of the filter is sugges-

Card 1/2

2425

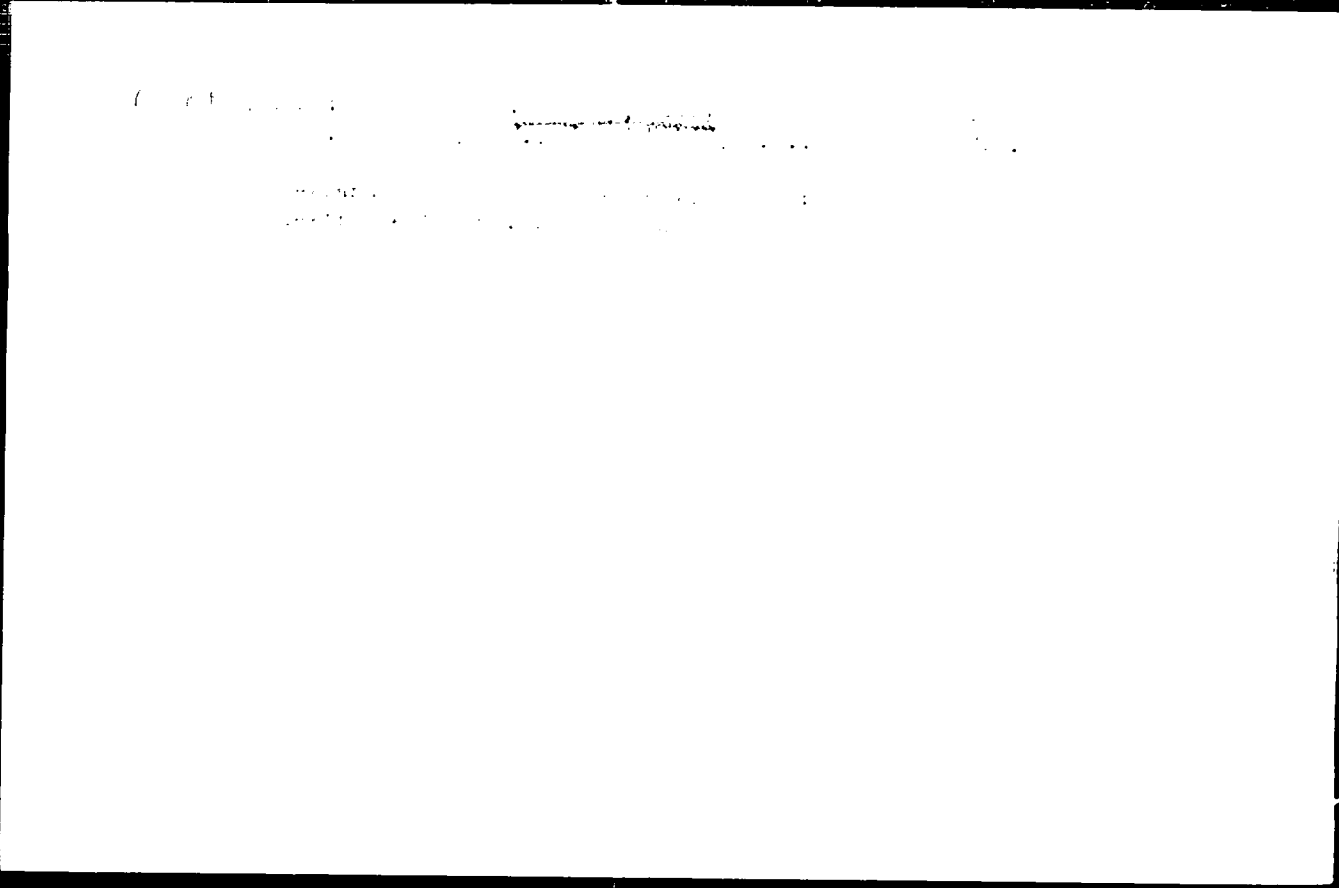
S/194/61/000/001/029/038

D216/D304

A piezoelectric filter .

ted (dimensions of the main plates, the length of coupling plates)
The results of the experiment are given 2 references

Card 2/2



PETROV, I.I.

TR-system electric band filter. Elektronsvaz' 18 no. 6 1953. See also
MIRA 18 1,

RETRCV, 101.

filters with a smaller number of inductance coils. Elektroherz
18 no. 2. 1975. 5. 1975. NDBA 10/12

BOL'SHAM, Ya.M.; VINOGRADOV, A.A.; VOLOBRINSKIY, S.D.; GEYLER, L.B.; GRUDINSKIY,
P.G.; DOLGINOV, A.I.; ZIL'BERMAN, R.I.; KAZAK, N.A.; KLETENIK, B.I.;
KNYAZEVSKIY, B.A.; LIVSHITS, D.B.; MEL'NIKOV, N.A.; MININ, G.P.;
MUKOSEYEV, Yu.L.; NAYFELD, M.R.; PETROV, L.I.; RAVIN, V.I.; SAMOYEV,
M.L.; SERBINOVSKIY, G.V.; SYROMYATNIKOV, I.A.

Lev Veniaminovich, 1905; on his 60th birthday. Prom. energ. 20
no.9:43 S '65. (MIRA 18:9)

L 11547-66 EWT(d)/EWP(k)/EWP(1)

SOURCE CODE: UR/0105/65/000/001/0091/0092

ACC NR: AF6005029

AUTHOR: Azimov, B. A.; Alizade, A. A.; Aslanov, R. K.; Guseynov, P. G.;
Dzhuvarly, Ch. M.; Yel'yashevich, Z. B.; Kadymov, Ya. B.; Kulizade, K. N.;
Kyazimzade, Z. I.; Mamikonyants, L. G.; Petrov, I. I.; Rustamzade, P. B.;
Spirin, A. A.; Syromyatnikov, I. A.; Esibyan, M. A.; Efendizade, A. A.

ORG: none

TITLE: Professor Boris Maksimovich Plyushch

SOURCE: Elektrichestvo, no. 1, 1965, 91-92

TOPIC TAGS: electric engineering, electric engineering personnel, petroleum
engineering personnel, petroleum engineering

ABSTRACT: Brief biography of subject, a doctor of technical sciences and head of
Department of Electric Power and Automation in Industry at the Azineftekhim
(Azerbaijdzhan Petrochemical Institute), on the occasion of his 60th birthday in
October 1964. Graduating from Azerbaijdzhan Polytechnical Institute Imeni
Azizbekov, subject worked in Caspian shipping industry and later headed the designing
division at the Azerbaijdzhan department of Elektroprom. With Azineftekhim since
1927, starting as laboratory assistant; department head since its formation in
1938; deputy dean of power engineering division in 1943-45. One of top Soviet
experts on the electric power supply and electrical equipment of the petroleum
industry, he has trained many engineers and scientists for this field and is the
author of over 60 published works and inventions. Widely known are his works on

UDC: 621.313.1/3

Card 1/2

L 11547-66

ACC NR: AP6005029

determining power losses in drilling. He was the first to investigate the problem of selecting the most suitable power characteristics with due consideration for wave-like torque distribution along the drilling string. He did research on the automatic regulation of drill feed, critical roller-bit speeds, self-starting electrical pumps, etc. A party member since 1945, subject has been awarded the Order of the Red Banner of Labor. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09, 13 / SUBM DATE: ¹⁴ none

HW
Card 2/2

L 11546-66 EWT(d)/EWP(k)/EWP(1)

ACC NR: AP6005030

SOURCE CODE: UR/0105/65/000/001/0092/0092

AUTHOR: Basharin, A. V.; Bystrov, A. M.; Veshenevskiy, S. N.; Voronetskiy, B. B.;
Drozdov, N. G.; Druzhinin, N. N.; Il'inskiy, N. P.; Petrov, I. I.; Petrov, L. P.;
Sandler, A. S.; Sokolov, M. M.; Chilikin, M. G.

ORC: none

TITLE: Professor Andrey Trifonovich Golovan

SOURCE: Elektrichestvo, no. 1, 1965, 92

TOPIC TAGS: electric engineering, electric engineering personnel

ABSTRACT: A brief obituary containing the following biographical information: Deceased was a doctor of technical sciences, a professor (Department of Electrical Equipment for Industrial Enterprises) of the Moscow Power Engineering Institute for the past 30 years, and a staff member since 1931 of the TsNIITMash (Central Scientific-Research Institute of Heavy Machine Building). Died 15 Sep 64, at age 63, after a long and severe illness. In 1926, after graduating from the Leningrad Electrical Engineering Institute im. Ul'yanov, deceased became director of a substation within the Gor'kiy GRES. At the TsNIITMash, the deceased worked out the methods for computing the electric drive of presses, drop hammers and other machine tools with percussion loads. The monograph on these methods has gained wide professional recognition. Deceased trained several thousand engineers and over 30 doctors and candidates of science. He authored over 50 scientific works, including the textbook "Osnovy Elektroprivoda" (Fundamentals of Electric Drive)

Card//2

UDC: 621.34(093.32)

L 11546-66

ACC NR. AP005030

published in 1948, with a revised second edition in 1959. He was awarded the Order of the Badge of Merit twice, and other decorations. Orig. art. has: 1 figure.

JPRS

14

SUB CODE: 09 / SUBM DATE: none

HW
Card 2/2

L 10096-66

ACC NR: AP6001977

SOURCE CODE: UR/0105/65/000/003/0090/0090

AUTHOR: Aleksenko, G. V.; Borisenko, N. I.; Voronetskiy, B. B.; Gladilin, L. V.;
Druzhinin, N. N.; Petrov, I. I.; Syromyatnikov, I. A.; Tishchenko, N. A.;
Chernichkin, D. S.; Chilikin, M. G.

ORG: none

31
B

TITLE: Professor Vyacheslav Semenovich Tulin on his 60th birthday

SOURCE: Elektrichestvo, no. 3, 1965, 90

TOPIC TAGS: mechanical engineering personnel, electric engineering personnel

ABSTRACT: Professor V. S. TULIN was born in November 1904 and graduated from the Kharkov Engineering Institute in 1925. He has since then specialized in the application of electric drives for the mining industry, in low-voltage apparatus and more recently in automation. At the present time he is the chairman of the Department of Automation and Control Machinery at the Moscow Institute of Radio-Electronics and Mining Electromechanics. He has made major contributions in his field: he is the author of 80 published works including a textbook on the automation of production processes in the mining industry; he also received an award in 1948 in connection with the Donets Basin development. He now participates in ministerial councils and committees concerned with scientific-research work, industrial coordination, also secondary and higher education. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 13, 09 / SUBM DATE: none

UDC: 621.34.165.011.56

Card 1/2 HW

L 10998-66

ACC NR: AP6001979

SOURCE CODE: UR/0105/65/000/003/0091/0091

AUTHOR: Veshenevskiy, S. N.; Voronetskiy, B. B.; Gus'kov, P. S.; Klimov, D. Yu.;
Maalennikov, L. V.; Pashkov, M. V.; Petrov, I. I.; Sokolov, I. I.; Stepanov, Yu. V.;
Turovskaya, P. G.; Khechumyan, A. P.; Tsein, V. S.; Shteyn, I. M.

ORG: none

TITLE: Professor K. V. Urnov

SOURCE: Elektrichestvo, no. 3, 1965, 91

TOPIC TAGS: scientific personnel, academic personnel

ABSTRACT: Konstantin Vasilevich Urnov died on 11 December 1964 after a serious illness. He was a distinguished scientist and one of the oldest electro-polygraphists. He was born in 1907 and graduated from the Ivanovskiy Polytechnic Institute in 1929, after which he continued to work on the Board of Electric Installations for the next 25 years. His outstanding contribution was to relate successfully the activities of industry with those of the higher educational institutions. His name is closely linked to the development of domestic polygraphic machinery. He was imaginative, creative and bold. Since 1935 he was also engaged in teaching and scientific research work at the Moscow Power Institute and the Moscow Polygraphic Institute where he set up a course on "Electric Drives and Automation of Polygraphic Machines". He is the author of over 30 inventions and published works, including one book. He was a scientist-communist, a man of great knowledge, a good colleague and friend. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05 / SUBM DATE: none

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UDC: 621.313.1/3

L 11051-66

ACC NR: AP6004792

SOURCE CODE: UR/0105/65/000/005/0090/0090

AUTHOR: Burgsdorf, V. V.; Gortinskiy, S. M.; Drozdov, N. G.; Kulakovskiy, I. B.;
Lindorf, L. S.; Mel'nikov, N. A.; Petrov, I. I.; Portnoy, M. K.; Syromyatnikov, I. A.;
Fedoseyev, A. M.; Khachaturov, A. A.; El'kind, Yu. M.

42
38
B

ORG: none

TITLE: Doctor of engineering sciences, Professor L. G. Mamikonyants

SOURCE: Elektrichestvo, no. 5, 1965, 90

TOPIC TAGS: electric engineering personnel, electric engineering

ABSTRACT: The article was written in honor of Lev Grazdanovich Mamikonyants on the occasion of his 50th birthday and upon his completion of 30 years of scientific and industrial activity. He graduated from the Azerbaydzhan Industrial Institute in 1938, whereupon he worked at the Central Industrial Research Laboratory of Azonergo first as Electrical Engineer and then as Chief Engineer. His scientific activity begun during the student years at the university laboratories for electrical machinery and high-voltage techniques. From 1941 to 1945 he served in the Soviet Army and became a member of the Communist Party in 1942. Since 1945 he has been working with the VNIIE (All-Soviet Scientific-Research Institute of Electric Power) at the State Industrial Commission on Power and Electrification of the USSR, in charge of the Electrical Machinery Laboratory now and also as head of the Department of Electrical Machinery, Insulation and Automation. Since 1953 he has also been the Vice-Director of the Institute of Scientific Affairs. He received the degree of Doctor of

UDC: 621.331

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ACC NR: AP6004792

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Engineering Sciences in 1959 and was appointed Professor in 1961. Much theoretical and practical work has been done under his leadership at the Electrical Machinery Laboratory which he helped to set up. Problems concerning the theory of synchronous machines leading to their improved operation were worked out here (asynchronous condition after loss of excitation, simplified method of compensator starting, self-synchronization of generators, etc.). L. G. Mamikonyants is also active in scientific research coordinating committees on power and electrification in the USSR. He sits also on the Committee for the Determination of Electrical Equipment Parameters and on the Joint Scientific Council of the Moscow Power Institute. Furthermore, he is on the editorial board of Elektrichestvo. During his entire career he has published about 60 works, many of them resulting from basic research. At the Moscow Power Institute he taught a course on "Special Problems in Electric Power Stations" from 1952 to 1954 and on "Testing of Synchronous Machines" from 1953 to 1954. The texts of his lectures were printed in the form of a compendium. He is very effective in training the young generation of students and assisting them in earning their degrees. L. G. Mamikonyants participates in the activities of the VNIIE both as recruiter and as lecturer. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 2/2

L 22593-00

ACC NR: AP6013000

SOURCE CODE: UR/0105/65/000/006/0091/0091

AUTHOR: Bamdas, A. M.; Bol'sham, Ya. M.; Porchaninov, G. S.; Glazunov, A. A.;
Zalasskiy, A. M.; Konstantinov, B. A.; Livshits, D. S.; Lychkovskiy, V. L.; Miller,
G. R.; Petrov, I. I.; Pleskov, V. I.; Samover, M. L.; Syromyatnikov, I. A.;
Chilikin, M. G.

ORG: none

TITLE: Professor Yu. L. Mukoseyev (on the occasion of his 60th birthday)

SOURCE: Elektrichestvo, no. 6, 1965, 91

TOPIC TAGS: scientific personnel, electric power production

ABSTRACT: Professor Yuriy Leonidovich Mukoseyev, 60, chairman of the department "Elektrosnabzheniye promyshlennykh predpriyatiy i gorodov (Electrical Supply of Industrial Enterprises and Cities)" of the Gor'kovskiy politekhnicheskii institut (Gor'kiy Polytechnic Institute) began his studies at the Gorkiy (Nizhegorod) University. After several years at the "Krasnoye Sormovo" plant he joined in 1935 the Glavelektromontazh system where in 27 years he advanced to the position of chief engineer of the Gorkiy section of the designing institute Elektroproyekt. In 1951 he published his book "Voprosy elektrosnabzheniya promyshlennykh predpriyatiy (Problems of Electrical Supply of Industrial Enterprises)"; in 1956 at the Moskovskiy energeti-

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UDC: 621.311

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ACC NR: AP6013000

chekiy institut (Moscow Power Institute) he defended his thesis "Distri-
bution of Alternating Currents in Current Conductors". He became professor
in 1960. From 1939 he has been continuously the vice-president of the Gorkiy
board of the Scientific-Engineering Society of Power Engineers (NTD energo-
tikov). Recently, Yu. L. Mukoseyev participated in the work of the Uchebno-
metodicheskaya komissiya MV (Pedagogical-Methodological Commission of the
Ministry of Armament) and of the SSO [?] USSR for the Electrical Supply of
Industrial Enterprises and of Cities." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 *HW*

