"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

SOV/109-3-9-1/20

Absorption of Radio Waves in the Ionosphere From the Radio-Observations on the Artificial Earth Satellites

electron concentration is expressed by the bi-parabolic law, the two absorption coefficients are given by Eqs.(16) and (17) respectively. For the case of an exponential concentration distribution, the absorption for the upper region of the layer is expressed by Eq.(21). The measurements of the field intensity produced by the two Soviet satellites were done by radio-comparator stations of the Soviet Ministry of Communications. The stations were furnished with field intensity meters with automatic registering devices and were capable of recording fields down to 1 μV/m. The authors were able to use the results of the measurements of Moscow and Khabarovsk stations, which were carried out at 20 Mc/s. Only the results obtained at these stations during the first three days the first satellite was in orbit (October 5, 6 and 7, 1957) were analysed in detail, since they are the most reliable and the most complete. Also the measurements taken on the second satellite

Card 4/6

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Absorption of Radio Waves in the Ionosphere From the Radio-Observations on the Artificial Earth Satellites

during November 3, 7 and 8, 1957 were analysed. The experimental points giving the field intensity as a function of distance are plotted in Figs.2 and 3. The absorption coefficients for the various layers of the ionosphere as a function of distance are shown in Fig.8; Γ_{Σ} denotes the overall absorption coefficient; the full curves refer to experimental results while the dashed curves are calculated. The absorption coefficients for the F_2-layer are shown in Fig.9; curve 1 was taken experimentally while curves 2, 3, 4 and 5 were calculated for different exponents k . The analysis of the field attenuation at medium and long distances can be done by considering successive reflections of the waves from the Earth and from the ionised layers (see Fig.11). For the medium distances (between 2000 and 6000 km) the calculated and the experimental results are in good agreement, as can be seen from Fig.12. It was found, however, that at great distances (over 6000 km), the measured field is generally higher than the calculated results; no adequate explanation of this phenomenon has been proposed, but it is thought that the theory put forward by Khvoykova (Ref. 10)

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SOV/109-3-9-1/20

Absorption of Radio Waves in the Ionosphere From the Radio-Observations on the Artificial Earth Satellites

which assumes the existence of a waveguide channel in the lower region of the F_2-layer, might provide a possible explanation. The paper contains 12 figures and 10 references. 7 of the references are Soviet and 3 are English.

SUBMITTED: April 12, 1958.

Card 6/6

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTEV, Ivan, ing.

Transducer regulator of the differential pressure of a distillation column. Automatizace 6 no.12:304-306 D '63.

1. Vyskumny ustav agrochemickej technologie, Bratislava.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTEV, Ivan

Cry[redacted]pulse control. Chem prum 13 no.5:251 My '63.

1. Vyzkumny ustav agrochemickej technologie, Bratislava.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KOVAC, Josef; KLEMENTEV, Ivan

Microtechnique of examining the thermal stability of organic compounds previously purified by paper chromatography by using quantitative radiochromatographic estimation. Chem listy 57 no.2:166-168 F '63.

1. Vyskumny ustav agrochemickej technologie, Bratislava.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

L 20357-66

ACC NR: AP6012044 SOURCE CODE: CZ/0080/65/000/002/0035/0039

AUTHOR: Klementev, Ivan (Engineer)

ORG: Research Institute of Agrochemical Technology, Bratislava (Vyskumny ustav agrochemickej technologie)

TITLE: Continuous densitometer for liquids with temperature compensation

SOURCE: Automatizace, no. 2, 1965, 35-39

TOPIC TAGS: thermistor, photographic densitometer

ABSTRACT: The article describes an all-glass densimeter with a completely submerged body, working on the principle of equilibrium of the upward lift of the body and of the retractive force of a coil conducting stabilized current. The position of the body is scanned and recorded, and a thermistor compensates the temperature dependence of the density. Precision is better than 1×10^{-5} grams/cc. Orig. art. has: 6 figures and 6 formulas. [JPRS]

SUB CODE: 14, 13 / SUBM DATE: none / ORIG REF: 012 / OTH REF: 030
SOV REF: 011

Card 1/1 vmb UDC: 531.75: 62-55

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

L 30910-66

ACC NR: AP6022973 SOURCE CODE: CZ/0080/65/000/008/0199/0202

AUTHOR: Klementev, Ivan (Engineer); Nemeth, Imrich

ORG: Research Institute of Agrochemical Technology, Bratislava (Vyskumny ustav agrochemickej technologie); [Klementev] Slovnaft, n.p., Bratislava

TITLE: Frequency control of reflux drops of a laboratory rectification column

SOURCE: Automatisace, no. 8, 1965, 199-202

TOPIC TAGS: distillation, control circuit, automatic frequency control, automation, chemical laboratory apparatus

ABSTRACT: The article describes an instrument for stabilizing the operation of a rectification column when the regulated value is the frequency of reflux drops. The static and dynamic properties of the control circuit are illustrated. Complete automation of the column also is made possible. Orig. art. has: 7 figures and 1 table. [JPRS]

SUB CODE: 07, 09, 13 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 003

Card 1/1

UDC: 66.049-55

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

L 31586-66

ACC NR: AP6022976 SOURCE CODE: CZ/0080/65/000/009/0225/0227

AUTHOR: Klementev, Ivan (Engineer); Nemeth Imrich

ORG: Research Institute of Agrochemical Technology, Bratislava (Vyskumny ustav agrochemickej technologie); [Klementev] Slovnaft, n. p., Bratislava

TITLE: Delta T controller of an adiabatic rectification column

SOURCE: Automatizace, no. 9, 1965, 225-227

TOPIC TAGS: adiabatic process, temperature regulator, distillation, control circuit, thermocouple temperature transducer, chemical laboratory apparatus/series T temperature transducer

ABSTRACT: The article describes an instrument for regulation of the temperature difference of an adiabatic rectification column, with an account of the static and dynamic properties of the control circuit. The temperature difference is measured with platinum resistance thermocouples whose signal is amplified by a cascade of two series T transducers. Orig. art. has: 6 figures. [JPRS]

SUB CODE: 07, 13, 09 / SUBM DATE: none / ORIG REF: 007 / OTH REF: 004

Card 1/1 BLG UDC: 62.55: 66.048

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTI, T.I.

The ETH-123 excavator. Biul.tekh.-ekon.inform. no.1:48-50 '60. (MIRA 13:5)

(Excavating machinery)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

1. KLEMENTOV, A. V.

2. USSR (600)

4. Transplantation (Physiology)

7. Tissue therapy with autoclaved egg proteins. Stomatologiia no. 4, 1952.

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V.

Association of adamantinoma and follicular cyst. Stomatologiia no.1:45-47 Ja-F '55. (MLRA 8:5)

1. Iz Voyenno-meditsinskoy akademii imeni S.M.Kirova.
(CYSTS, DENTIGEROUS,
adamentinoma assoc. with follicular cyst)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V. (Leningrad)

Diagnostic error in follicular cyst of the ramus mandibulae.
Stomatologiia no.3:41 My-Je '55. (MLRA 8:9)
(MANDIBLE, cysts,
follicular cysts, diag.error)
(CYSTS,
mandible, follicular cyst, diag.error)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.N.

Classification of salivary calculi. Stomatologiia 36 no.3:35-39 My-Je '57. (MIRA 10:9)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii (nach. - prof. M.V.Mukhin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova
(SALIVARY GLANDS--DISEASES--CLASSIFICATION)
(CALCULI)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V.

Sialolithiasis. Sov.med. 22 no.10:89-94 O '58 (MIRA 11:11)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii (nach. - prof. M.V. Mukhin) Voyenno-meditsinskoy ordena Lenina Akademii imeni S.M. Kirova.
(SALIVARY GLANDS, calculi
clin. manifest. & diag. (Rus))

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V.

Foreign body causing calculi formation in the submaxillary salivary gland. Stomatologiia 37 no.5:69-70 S-O '58 (MIRA 11:11)

1. Iz kafedry chelyustno-liteevoy khirurgii i stomatologii (nachal'nik - prof. M.V. Mukhin) Voyenno-meditsinskiy ordena Lenina akademii imeni S.M. Kirova.
(SALIVARY GLANDS--FOREIGN BODIES)
(CALCULI)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, Anatoliy Vasil'yevich

[Salivary calculi] Sliunnokamennaia bolezn'. Leningrad, Medgiz, 1960. 97 p. (MIRA 13:9)
(CALCULI, SALIVARY)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V., podpolkovnik meditsinskoy sluzhby, kand.med. nauk

In the stomatology subsection of the Academic Council of Medicine. Voen.-med. zhur. no.3:88 Mr '60. (MIRA 14:1)
(STOMATOLOGY)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V.

Eosinophilic granuloma of the jaw. Vop. onk. 6 no. 9:43-49 S '60. (MIRA 14:1)

(EOSINOPHILIC GRANULOMA) (JAWS—DISEASES)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V., kand.med.nauk; NOTMAN, K.E.

X-ray therapy for the purpose of preventing the formation of salivary fistulas. Stomatologiia 40 no.3:65-67 My-Je '61. (MIRA 14:12)

1. Iz kafedry chelyustno-litsevoy khirurgii i stomatologii (nachal'nik - prof. M.V.Mukhin) i kafedry rentgenologii i radiologii (ispolnyayushchiy) obyazannosti nachal'nika - prof. V.S.Vakhtel') Voyenno-meditsinskoy akademii imeni Kirova.

(X RAYS--THERAPEUTIC USE) (FISTULA)
(SALIVARY GLANDS--DISEASES)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KABAKOV, B.D., doktor med.nauk (Leningrad, Nevskiy pr. d.32/34 kv.3);
KLEMENTOV, A.V., kand.med.nauk

Removal of the parotid salivary glands in chronic inflammation of them. Vest.khir. no.6:64-66 '62. (MIRA 15:11)

1. Iz kliniki chelyustno-litsevoy khirurgii i stomatologii [redacted] meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(PAROTID GLANDS--EXCISION)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

ZBARZH, Ya.M., prof.; MUKHIN, M.V., prof.; UVAROV, V.M., prof.; KABAKOV, B.D., doktor med. nauk; ALEKSANDROV, N.M., dots.; KLEMENTOV, A.V., dots.; FIALKOVSKIY, V.V., dots.; MUKOVOZOV, I.N., kand. med. nauk; CHUPRINA, Yu.V., kand. med. nauk; RYNKEVICH, V.S., red.; LEBEDEVA, O.T., tekhn.red.

[Operative maxillofacial surgery] Operativnaia cheliustno-litsevaia khirurgiia. Leningrad, Medgiz, 1963. 358 p. (MIRA 16:12)

(FACE—SURGERY) (JAWS—SURGERY) (NECK—SURGERY)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V., podpolkovnik meditsinskoy slushby, dotsent

Subsection of maxillary-facial surgery and stomatology of the Scientific Medical Council at the office of the commander of the Central Military Medical Administration of the Ministry of Defence. Voen.-med. zhur. no.10:94-95 '64. (MIRA 18:5)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V., dotsent; VASIL'YEV, V.S.

Elimination of lower porgnathism combined with a nonequalized bite by means of Kostecka's operation. Stomatologiia 43 no.1: 91-93 Ja-F'64 (MIRA 17:4)

1. Kafedra chelyustno-litsevoy khirurgii i stomatologii (nachal'nik - prof. V.M. Mukhin) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

LUK'YANENKO, V.I., dotsent, referent; KLEMENTOV, A.V., dotsent, referent

Sittings of the plastic surgery section of the Pirogov Surgical Society. Vest. khir. 93 no.8:156-157 Ag '64. (MIRA 18:7)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, A.V., dotsent, referent

Proceeding of the plastic surgery section of the Pirogov Surgical Society. Vest. khir. 93 no.12:123-124 D '64.

(MIRA 18:5)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

ALEKSANDROV, Nikita Mikhaylovich, kand. med. nauk; KLEMENTOV, Anatoliy Vasil'yevich, kand. med. nauk; MALYSHEV, Vasiliy Alekseyevich, kand. med. nauk; FEDOROVSKAYA, N.V., red.

[Emergency stomatological aid] Neotlozhnaia stomatologicheskaia pomoshch'. Leningrad, Meditsina, 1965. 116 p. (MIRA 18:6)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

LYTKIN, M.I., prof. referent; MIKHAYLOVICH, V.A., kand. med. nauk; KLEMENTOV, A.V., dotsent, referent

Proceedings of Surgical Societies. Vest. khir. 94 no.2:147-156 F '65. (MIRA 18:5)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, M.G., inshener.

Improvement of a squeezing mold drawing device. Lit.proizv. no.12: 29-30 D '55. (MLRA 9:3)

(Molding (Founding))

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, V. I.

"Liquid Glass as an Electrode Casting Material for Electric Arc Welding." Cand Tech Sci, Central Sci Res Inst of Technology and Machine Building (TsNIITMash), Min Transport and Heavy Machine Building USSR, Moscow, 1953. (KL, No 10, Mar 55)

SO: Sum. No. 670, 29 Sep 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

1. KLEMENTOV, V.I.; ARTYUKOV, M.L.

2. USSR (600)

4. Electric Welding

7. Automatic welding of rods under flux, Eng. V.I. Klementov, M.L. Artiukov, Avtog.delo. 24 no. 4, 1953.

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, V.I.

137-58-5-9698

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 120 (USSR)

AUTHOR: Klementov, V.I., In'shakov, N.N.

TITLE: An Investigation of the Weldability of Low-alloy Cast Steels (Issledovaniye svarivayemosti litykh nizkolegirovannykh staley)

PERIODICAL: Tr. Vses. n.-i. in-ta zh.-d. transp., 1957, Nr 130, pp 109-128

ABSTRACT: The expanding production of low-alloy cast steels (LCS) opens wide possibilities for increasing the strength of the major structural assemblies of rolling stock, including automatic couplings, without increasing their weight. The properties of LCS and their weldability are investigated by the bead specimen method of the MVTU. The beads were applied at three different levels of welding power per unit length: 3-4, 6-7, and 12-13 kcal/cm, with A-C and OMM-5 5-mm diameter electrodes, no pressure being applied. The weldability criteria were: hardness, microstructure, and a_k in the weld zone beneath the bead. The tendency of the base metal to crack was evaluated by welding I-beam specimens. The best steels were found to be 12G, 12GS, 15DKhGS, and 12DKhGST. These LCS possess not only good weldability

Card 1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

137-58-5-9698

An Investigation of the Weldability of Low-alloy Cast Steels

but also high σ_b, σ_s, and a_k values at low temperatures. However, 12DKhGST steel requires high-temperature treatment (homogenization), and this diminishes the practical usefulness of this steel. The other 3 steels are suitable for practical use and may be recommended for the manufacture of high-strength drawbars and automatic couplings.

V.K.

1. Cast steel--Welding

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

IN'SHAKOV, N.N., kand.tekhn.nauk; GOLOVANOV, V.O., kand.tekhn.nauk; KLEMENTOV, V.I., kand.tekhn.nauk; KOMOLOVA, Ye.F., kand.tekhn.nauk

Automatic couplings made from reinforced low-alloy steel. Vest. TSNII MPS 18 no.8:33-37 D '59. (MIRA 13:9)
(Car couplings)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

YEMEL'YANOV, N.P., kand.tekhn.nauk; KLEMENTOV, V.I., kand.tekhn.nauk; MAL'KOV, K.M., inzh.; TKACHENKO, F.S., inzh.; POLYAKOV, S.P.; VEL'MIN, A.A., red.; ORLOVA, I.A., red.; MEDVEDEVA, M.A., tekhn.red.

[Multielectrode automatic built-up welding under flux] Mnogoelektrodnaia avtomaticheskaia naplavka pod fliusom. Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va putei sooobshcheniia. 1962. 134 p. (Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.239). (MIRA 15:11)

(Railroads--Maintenance and repair)
(Electric welding)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, V.I., kand.tekhn.nauk; IN'SHAKOV, N.N., kand.tekhn.nauk

Effect of chromium, nickel, and copper impurities on the mechanical properties and weldability of 15L-25L steel. Svar. proizv. no.7:8-11 Jl '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.
(Steel castings--Welding)(Steel--Analysis)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, V.I., kand. tekhn. nauk; SMIRNOV, B.A., kand. tekhn. nauk

Weldability of 15GL and 15GKhFL steel. Svar. proizv. no.3: 26-29 Mr '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey sooobshcheniya (for Klementov).
2. Institut metallurgii im. A.A.Baykova (for Smirnov).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOV, V.I.; IN'SHAKOV, N.N.

Weldable 15GL medium manganese cast steel. Avtom. svar. 18 no.4:47-49 Ap '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

DOHNALEK, J. KLEMENTOVA, V.

Use of radiochromium Cr51 in the diagnosis of hemolytic states. III. Determination of the spleen-liver index. Cesk. pediat. 19 no.6:504-509 Je'64

1. Katedra radiologie a nuklearni mediciny lekarske fakulty UJEvP [University J.E.Purkyne] v Brne;(vedouci: prof.dr.J.Holy, DrSc.) ; I detska klinika lekarske fakulty UJEvP v Brne (prednosta: prof. dr. Z.Brunecky, CSc.).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOVA, Vera; DOHNALEK, Josef, PhMr.

Use of Cr51 in the differential diagnosis of hemolytic anemias. Part I. Corpuscular hemolytic anemias. Cesk.pediat. 15 no.4: 296-302 Ap '60.

1. I.detska klinika v Brne, prednosta prof.dr. Z. Brunecky. Radioizotopova laborator lekarske fakulty v Brne, vedouci MUDr. PhMr. J. Dohnalek.

(ANEMIA HEMOLYTIC diag.)
(CHROMIUM radioactive)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

BRUNECKY, Z.; KLEMENTOVA, V.

Hematopoietic disorders in rickets. Cesk. pediat. 17 no.4:300-304 Ap '62.

1. I detska klinika lekarske fakulty University J. Ev. Purkyne v Brne, prednosta prof. dr. Z. Brunecky.

(ANEMIA HYPOCHROMIC etiol) (RICKETS compl)
(RICKETS RENAL compl)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

DOHNALEK, J.; KLEMENTOVA, V.

Use of radiochromium Cr51 in the diagnosis of hemolytic conditions. II. Extracorpuscular type. Cesk. pediat. 18 no.6: 493-499 Je '63.

1. Katedra radiologie a nuklearni mediciny lekarske fakulty UJEvP v Brne, vedouci prof. dr. J. Holy, DrSc. I detska klinika lekarske fakulty UJEvP v Brne, prednosta prof. dr. Z. Brunecky, CSc.

(CHROMIUM ISOTOPES) (ANEMIA, ERYTHROBLASTIC)
(GLOMERULONEPHRITIS) (ERYTHROPOIESIS)
(RICKETS) (HEMOLYSIS) (GLUCOSYLTRANSFERASES)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTOVICH, V. V.

F A

724. USE OF EXPANDING CEMENT FOR WATERPROOFING CAST IRON LININGS WHEN SINKING MINE SHAFTS BY FREEZING METHOD. Klementovich, V. V. and Minenko, V. I. (Ugol(Coal), Nov. 1950, 30-31).

This quick setting rapid hardening cement was first used on the Moscow Underground. There are two types: normal RT_1 which starts setting in 5 minutes and finishes in 10, and special BRT_2, for use when water is flowing into the joints, for which the corresponding times are 2½ and 5 minutes. It is mixed with 20% of its own weight of water and hand caulked into the joints. Its use in a mine shaft, in order to save lead, is described in detail. The temperature was raised above freezing by a coal stove slung below the working platform. (L).

A10.14.4 METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

ACC NR: AP6017971 (A) SOURCE CODE: UR/0413/66/000/010/0062/0062

INVENTORS: Sokolov, N. M.; Klementa, A. B.; Bozhko, Yu. I.

ORG: none

TITLE: A method for contact welding. Class 21, No. 181759

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 62

TOPIC TAGS: welding, pulse welding, metal welding, welding technology

ABSTRACT: This Author Certificate presents a method for contact welding by the use of monopolar pulse. To improve the quality of welding, the pulse is formed of two parts following one another. The first is used for heating the details, and the second is used directly for welding.

SUB CODE: 13/ SUBM DATE: 06Apr64

Card 1/1 UDC: 621.791.763

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEBOVITS, Mikhail Grigor'yevich; GOLYBINSKAYA, Ye.S., red.; GURKEVICH, M.M., tekhn. red.

[Grafting fruit trees] Privivka plodovykh derev'ev. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 39 p. (MIRA 11:8)
(Grafting)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENTS, Ye.M.

Influence of antiphagic serum on the viability of diphtheria bacteria in cultures. Trudy Sar. gos. med. inst. 26:226-229 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra mikrobiologii (zav. - prof. S.I. Sherishorina).
(DIPHTHERIA) (BACTERIOLOGY—CULTURES AND CULTURE MEDIA) (BACTERIOPHAGE)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

85-58-1-4/28

AUTHOR: Klement'yev, A., Tbilisi

TITLE: Aviation Sportsmen (Aviatsionnyye sportsmeny); We Aim at a New Lift ! (Dobivayemsya novogo pod'yema!)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 1, p 6 (USSR)

ABSTRACT: The author describes a Sunday morning parachute training session of the Tbilisi DOSAAF aviation sports club. Personalities mentioned are: V. Bakradze, parachute team captain; R. Andresyan, club instructor; A. Botsman, pilot; the Rustavi parachute instructor M. Krayev; D. Sysoyenko (Marneuli); the aeroclub glider instructors P. Archvadze and D. Tsotskhalashvili, A. Dolidze, and the woman pilot Rusiko Zhordaniya. The model airplane building instructors include: N. Topadze, champion of Gruzinskaya SSR, V. Ivlev, E. Pogorelov, V. Sukhorukov, Z. Lobzhanidze, and S. Gogeshvili. There is 1 photograph of 3 women parachutist students: Klara Kachibaya, Irina Saralidze and Ramonna Mamaladze.

AVAILABLE: Library of Congress

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APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, A.

[redacted] (Tbilisi); ZAYTSEV, K. (Sumy).

Aviation enthusiasts report to the congress of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Kryl. rod. 9 no.1:6-7 Ja '58. (MIRA 11:1)

1. Starshiy inspektor-letchik oblastnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Aeronautics—Study and teaching)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, A.; ANAN'IN, V.

Let the beacons of communist labor burn brighter. Mor. flot 21 no.10:32-35 O '61. (MIRA 14:9)

1. Nachal'nik otdela Tekhnicheskogo upravleniya Ministerstva morskogo flota SSR (for Klement'yev). 2. Rukovoditel' gruppy Gosudarstvennogo proyektno-konstruktorskogo i nauchno-issledovatel'skogo instituta morskogo transporta (for Anan'in).
(Merchant seamen) (Socialist competition)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, A.D., inzh.

Investigating cast dispersion-hardening tool alloys. Izv. vys. uchebn. zav.; chern. met. 2 no.3:77-83 Mr '59.

(MIRA 12:7)

1.Tomskiy politekhnicheskiy institut. Rekomendovana kafedroy tekhnologii metallov Tomskogo politekhnicheskogo instituta.
(Iron-cobalt-tungsten alloys--Hardening)
(Phase rule and equilibrium)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

S/123/62/000/016/009/013
A004/A101

AUTHOR: Klement'yev, A. D.

TITLE: Abrasive wear as a wear resistance characteristic of precipitation-hardened cutting alloys

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 16, 1962, 43, abstract 16B267 ("Sb. nauchn. tr. Tomskiy inzh-stroit. in-t", 1961, no. 9, 59 - 65)

TEXT: The possibility was studied to use the abrasive wear, reflecting the structural state of the alloy and the forces of interatomic interaction, as a wear resistance characteristic of precipitation-hardened iron-cobalt-tungsten cutting alloys containing 20% Co and 20% W. To obtain the wear resistance characteristics the method of mutual grinding was employed. Between the friction surfaces of the specimen being tested and the standard an interlayer of abrasive grains was placed. By the ratio of the worn mass of the standard to the specimen the relative resistance to wear was determined. Electrocorundum of 100 mesh was used as abrasive. In the investigations no correspondence could be observed between hardness (HRC) and relative wear resistance during abrasive wear by the method of mutual grinding in the tempering process of precipitation-hardened alloys. A connection was found

Card 1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

between the relative resistance to wear and the service life during cutting. The combination of the hardness (by extruding) and abrasive wear method during mutual grinding makes it possible to show the alloying effect on the hardening and service life of precipitation-hardened cutting alloys. There are 2 figures and 11 references.

E. Dymova

[Abstracter's note: Complete translation]

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

S/139/62/000/003/013/021
E111/E135

AUTHOR: Klement'yev, A.D.

TITLE: Evaluation of elements by the solubility in dispersion-hardening alloys

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika, no.3, 1962, 99-105

TEXT: Additions are evaluated by their effect on the mutual solubility of elements in dispersion-hardening alloys, especially iron-cobalt-tungsten alloys. Although only qualitative conclusions are possible they are still useful in choosing alloying elements. The approach is based on I.I. Kornilov's (Iron Alloys (Zheleznyye splavy) 2, M.-L., Izd. AN SSSR, 1951) relationship between the volumetric solubility factor and the coefficient of linear expansion of elements. The author uses the compressibility factor and its temperature dependence to obtain an evaluation of the solubility elements with elasticity values low compared with that of the solvent iron; the evaluation agrees with experiments, which does not happen if the elastic properties of elements are not allowed for. He gives a graphical

Card 1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

Evaluation of elements by the ... S/139/62/000/003/013/021
E111/E135

interpretation of the temperature dependence of solubility, and formulates the requirements which follow from it as regards solubility of elements in dispersion-hardening alloys. Because of the complexity of real conditions for the interaction of elements the temperature dependence of the solubility of the individual elements may differ from the one determined according to the described method, especially when changes in the thermal state of atoms (defined by the coefficient of linear expansion) or the elastic interaction (characterized by compressibility) are swamped by the chemical-interaction factor or the influence of the elements on the gamma-alpha transformation.
There are 3 figures and 1 table.
ASSOCIATION: Tomskiy politekhnicheskiy institut imeni S.M.Kirova (Tomsk Polytechnical Institute imeni S.M. Kirov)
SUBMITTED: February 6, 1961.

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

WRITE BELOW THIS LINE

ACCESSION NR: AR4018330 S/0137/64/000/001/1002/1002

SOURCE: RZh. Metallurgiya, Abs. 1I10

AUTHOR: Klement'yev, A. D.

TITLE: Solubility of elements in dispersion-hardened alloys

CITED SOURCE: Izv. Tomskogo politekhn. in-ta, v. 107, 1963, 59-66

TOPIC TAGS: metal solubility, compressibility factor

TRANSLATION: The use of the coefficient of compressibility and its temperature dependence makes it possible to make an evaluation of the solubility of elements of low elasticity (as compared with the solvent Fe) which is in agreement with experimental data.

SUB CODE: MM ENCL: 00

Card 1/1

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

L 01846-67 EWT(1) WW

ACC NR: AR6013775 SOURCE CODE: UR/0044/65/000/010/B087/B087

AUTHOR: Klement'yev, A. F.

43
B

TITLE: On the construction of difference schemes with enhanced precision

SOURCE: Ref. zh. Matematika, Abs. 10B417

REF SOURCE: Uch zap. Bashkirsk. un-t, vyp. 20, 1965, 37-44

TOPIC TAGS: thermal conductivity analysis, difference method, numeric solution, ~~calculation cost~~ heat conductivity

ABSTRACT: By the use of various approximations to the derivative of the residual member of a common approximation of the heat conductivity equation, the author obtains several difference method schemes with enhanced precision. Some of these are investigated as to their precision and cost. V. Saul'yev [Translation of abstract]

SUB CODE: 12, 20

Card 1/1 fv UDC: 518:517.944/.947

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'EV, A. K.

Stereoscopy in architecture and building construction Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 80 p. (54-35085

TH 153. K55

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

L 11173-67 EWT(d) IJP(c)

ACC NR: AR6013774 SOURCE CODE: UR/0044/65/000/010/B087/B087

16

AUTHOR: Klement'yev, A. F.

16

TITLE: On the stability of some difference schemes for the numeric integration of a biparabolic equation

SOURCE: Ref. zh. Matematika, Abs. 10B416

REF SOURCE: Uch. zap. Bashkirsk. un-t, vyp. 20, 1965, 45-47

TOPIC TAGS: biparabolic differential equation, difference method, numeric solution, ~~difference method stability~~, ~~computation cost~~ numeric integration

ABSTRACT: Several difference method schemes are presented for the numeric solution of the problem described by the following equation and its boundary conditions:

$$\frac{\partial^3 u}{\partial t^3} - 2\frac{\partial^2 u}{\partial x^2 \partial t} + \frac{\partial^4 u}{\partial x^4} = 0,$$

$$\lim_{t\to 0} u(x, t) = f_1(x), \quad \lim_{t\to 0}\left(\frac{\partial u}{\partial t} - \frac{\partial^3 u}{\partial x^3}\right) = f_2(x).$$

The stability and economy of using these schemes is investigated. [Translation].

SUB CODE: 12

UDC 518:517.944/.947

Card 1/1 mlo

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

[redacted], inshener; VASIL'IEV, Yu., inshener.

Marine gas turbines with free piston gas generators. Mor.flot 17 no.5:17-20 My '57. (MIRA 10:7)

1. Tekhnicheskoye upravleniye Ministerstva morskogo flota.
(Marine gas turbines)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, A. V.

Construction of atomic-powered ships in the capitalist countries. Mor. flot 18 no.5:25-28 My '58. (MIRA 11:6)

1. Nachal'nik otdela tekhnicheskogo upravleniya Ministerstva morskogo flota.

(Atomic ships)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, A. V.

Communist labor groups in the merchant marine. Mor. flot no.6 supplement:20-21 '59. (MIRA 12:9)

1. Nachal'nik otdela Tekhnicheskogo upravleniya Ministerstva morskogo flota.

(Merchant marine)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

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77233
SOV/89-8-1-27/29

AUTHOR: Klement'yev, A. V.

TITLE: The Building and Design of Atomic-Powered Ships in Capitalist Countries

PERIODICAL: Atomnaya energiya, 1960, Vol 8, Nr 1, pp 85-86 (USSR)

ABSTRACT: This is a brief survey of the present status of atomic-powered ships in the U.S., U.K., Japan, France, and Sweden, based on non-Soviet literature. There is 1 table (tabulation of information); and 12 references, 5 U.S., 4 U.K., 1 French, 1 Japanese, 1 Swedish. The U.S. references are: Atomic Energy Newsletter, 20, Nr 5, 2 (1958); Nucleonics, Nr 9, 73 (1959); J. Amer. Soc. Naval Engrs, 70, Nr 4, 629-642 (1958); Marine Engng, 63, Nr 11, 73-76 (1958); Nucl. Power, 3, Nr 31, 539 (1958).

Card 1/1

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

MOKSHIN, V.N., insh.; KLEMENT'YEV, A.V.

Controlling explosions in crankcases of internal combustion engines. Sudostroenie 26 no.3(209):70-71 Mr '60. (MIRA 14:11)
(Gas and oil engines)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

SHVED, Anatoliy Petrovich; SHESTOPALOV, Vadim Il'ich; KLEMENT'YEV, A.V., red.; SERGEYEV, D.I., red.izd-va; USANOVA, N.B., tekhn. red.

[Experience in the operation of power plants on ships of the type "Leninskii komsomol"] Opyt ekspluatatsii silovykh ustanovok sudov tipa "Leninskii komsomol." Moskva, Izd-vo "Morskoi transport," 1962. 177 p. (MIRA 16:6)
(Steam turbines, Marine)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

25(5) SOV/117-59-8-19/44

AUTHOR: Klement'yev, A.Z., Secretary

TITLE: Complex Plans in Action

PERIODICAL: Mashinostroitel', 1959, Nr 8, pp 22-23 (USSR)

ABSTRACT: This article is about the gear maker K.Ya. Masliy of the excavator shop of Uralmashzavod, and his plan for increasing labor productivity, improving the quality of production and lowering the cost price. To achieve this, he has proposed introducing a complex plan for each separate machine tool. He is also an efficiency expert. Two of his ideas are illustrated - a rough gear-milling attachment and a special mandrel which eliminates the checking of gear blanks for wobbling. He fulfilled his yearly work quota in 2.5 months. There are 2 diagrams and 1 photograph.

ASSOCIATION: Partorganizatsiya ekskavatornogo Tsekha Uralmashzavoda (Party Organization of the Excavator Shop of the Uralmashzavod)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'EV, B.I.

Instrument for checking telephone dials. Vest.sviazi 16 no.5: 23-24 Je '56. (MLRA 9:8)

1. Nachal'nik proizvodstvennoy laboratorii Upravleniya Leningradskoy gorodskoy telefonnoy seti.
(Electric instruments) (Telephone, Automatic)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV D.P.

NIKOLAYEVA, N.V., inzhener; PAMYATNYKH, A.S., inzhener; MUSATOV, T.P., inzhener; MAKHMUROV, L.D., inzhener; DANYELIAN, G.E., inzhener; IOFFE, E.F., inzhener; GRUZDEV, A.V., inzhener; KLEMENT'YEV, D.P., inzhener; MOS'KIN, V.S., inzhener.

On the organization of service for district substations. Elek. sta.25 no.2:36-42 F '54. (MLRA 7:2)

1. Azenergo (for Nikolayeva, Pamyatnykh and Makhmurov). 2. Donbassenergo (for Musatov and Danyelian). 3. Mosenergo (for Klement'yev). 4. Gorenergo (for Ioffe, Gruzdev and Mos'kin). (Electric substations)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, D.P., redaktor; BAUMSHTEYN, I.A., redaktor; ALEKSEYEV, S.V., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Experience in operating the high voltage network of the Moscow Power Plant; a collection of articles] Opyt ekspluatatsii vysokovol'tnykh setei Mosenergo; sbornik statei. Moskva, Gos. energ. izd-vo, 1957. 79 p. (MLRA 10:7)
(Moscow--Electric networks)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, D.P

AUTHOR: Klement'ev, D.P., Engineer. 104-4-17/40

TITLE: The organisation of centralised repair of transmission lines with the application of mechanisation. (Organizatsiya tsentralizovannogo remonta liniy elektroperedachi s primeneniem mekhanizatsii)

PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957, Vol. 28, No.4, pp. 61 - 63 (U.S.S.R.)

ABSTRACT: Because of the need to cut operating costs and to lighten the labour of linesmen it was decided to change over to centralised repair of lines with the help of mechanised repair stations. The new system of operation and repair could not be successfully introduced without revising the frequency of carrying out repair and operational work on the line. In 1955, the Ministry of Power Stations (Ministerstvo Elektrostantsiy) introduced new rules about frequency and repair which eased the position. Details are given of the intervals at which different kinds of repair work is undertaken.

With the present method of organisation the smaller mechanised repair stations employ 16 men and the larger stations 41. The staff of each station is organised in brigades for complex centralised repair of lines; a brigade for painting metal lines or impregnating wood poles, one for measurements

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

The organisation of centralized repair of transmission lines with the application of mechanisation. (Cont.)

104-4-17/40

and insulators, connectors, and inspection without removing voltage. The repair work is organised in such a way that a line is repaired in a single patrol and if necessary with a limited number of disconnections (not more than two or three). Nearly all the repair work is mechanised. Where possible faults are located by impulse measurements; where this is not possible linesmen are sent out on patrol, the number being so chosen as to obtain information about the location of the fault within three - four hours so that a repair brigade can be sent. In 1957 repair work on lines will be better organised and more economic if the following problems are solved: training of linesmen and erectors in the use of machines of the mechanised repair station; the provision of special funds for the construction of garages and workshops and also living quarters for the staff; reorganisation of wage scales when the workers combine several trades; working out of piece work rates for mechanised jobs; accelerating the completion of the stations and overcoming certain remaining defects.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

[redacted]inch.; MATYUSHIN, M.V., insh.

Centralized repair of equipment of system substations. Elek.sta. 29 no.3:68-72 Mr '58. (MIRA 11:5)
(Electric substations--Maintenance and repair)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, F.B.

Lidol in the treatment of gastric and duodenal ulcer. Terap. arkh. 27 no.6:65-69 '55. (MLRA 9:2)

1. Iz kafedry fakul'tetskoy terapii (zav. dotsent G.A. Pandikov) Bashkirskogo meditsinskogo instituta.
(MEPERIDINE, therapeutic use, peptic ulcer)
(PEPTIC ULCER, therapy, meperidine)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, F.M.

Category : USSR/Radiophysics - General Problems

I-1

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4421

Author : Vorobeychikov, E.S., Klement'yev, F.M.

Title : On the Action of an External Force on the Self-Oscillating Systems at Superhigh Frequencies.

Orig Pub : Radiotekhn. i elektronika, 1956, 1, No 3, 335-338

Abstract : Examination of the effect of the finite electron travel time on the behavior of self-excited oscillators, operating under the influence of an external sinusoidal electromotive force. The equivalent circuit of the system is given, and the differential equation is derived and solved for the equivalent circuit. Based on the solution obtained, an analysis was made of the stationary processes in triode and klystron oscillators. It is shown that the forced synchronization in systems of this type is determined to a considerable extent by the finite travel time of the electrons.

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40. F. M. KLEMENTIEV: Synchronization of the [illegible]

[illegible] in the system and the boundaries of their regions of existence are determined to a considerable degree by the [illegible] shows that the stationary angle in the time.

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Experimental results confirm the theoretical analysis [illegible] rely. The effects of external action on the generating system [illegible] are studied directly by observation of the curves [illegible]

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KLEMENT'YEV, F. M.

"The Influence of the Electron Transit Angle in a Tube on the Synchronizing Action of an External Signal," by F. M. Klement'yev, Radiotekhnika i Elektronika, No 9, Sep 56, pp 1284-1287

The steady state processes in a reflex klystron oscillator under the influence of an external harmonic electromotive force were studied in the above work.

It was proved that, for a reflex klystron at transit angles different from the optimum, the curve amplitude is deformed and inclined. The conditions for the stability of the synchronization were derived.

The work was presented at the Gor'kiy Scientific Conference on Radioelectronics held in January 1956 by the Ministry of Higher Education USSR.

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SOV/58-59-7-16032

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 7, p 198 (USSR)

AUTHORS: Vorobeychikov, E.S., Klement'yev, F.M.

TITLE: On the Effect of External Forces on a Nonlinear System With Delayed Feedback

PERIODICAL: Tr. Sibirsk. fiz.-tekhn. in-ta, 1958, Nr 36, pp 389 - 392

ABSTRACT: The authors carry out an analysis of stable oscillations in a self-oscillatory system with delayed feedback in the presence of a sinusoidal signal. In the case of a system with one degree of freedom, an equation is derived which associates the amplitude and mistuning of forced oscillations with the system's delay time, and the oscillation stability conditions are formulated. By way of example, the authors analyze the stability of a triode vhf oscillator and a magnetron oscillator.

L.I.

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SOV/112-59-20-43106

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 20, p 184 (USSR)

AUTHORS: Klement'ev, F.M., Shubina, L.N.

TITLE: On the Problem of Mutual Synchronization of Two Coupled Oscillators at Very High Frequencies

PERIODICAL: Tr. Sibirsk. fiz. tekhn. in-ta, 1958, Nr 36, pp 393-398

ABSTRACT: The steady process of work of two coupled oscillators on reflex klystrons is discussed. A system of equations for determining stationary amplitudes and synchronous frequencies is derived by the Teodorchik method. The solution of this system at optimum electron transit angles in the tube when the induced current has only a real component is given. Under these conditions the mutual synchronization of reflex klystrons is similar to the synchronization of LF-oscillators. A qualitative analysis of the case of non-optimum values of the transit angle is carried out.

L.I.

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KLEMENT'YEV, F.V.

BAZANOVA, S.V.; KLEMENT'YEV, F.V. (Ufa)

Use of promedol in peptic ulcer. Klin. med. 32 no.6:77-79 Je '54. (MLRA 7:8)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav.-prof. G.N. Teregulov) i kafedry fakul'tetskoy terapii (i.o.zav.-kandidat meditsinskikh nauk S.V.Bazanova) Bashkirskogo meditsinskogo instituta.

(PEPTIC ULCER, therapy
*promedol)
(ANALGESTICS, ther. use
*promedol in peptic ulcer)

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KLEMENT'YEV, G. D.

N/5
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Avtomatika i telemekhanika. Pod red. F. Ye. Temnikov (Automation And Telemechanics) Moskva, Gostekhizdat, 1955.

291 p. illus., diagrs.

"Literatura" p. 291-(292)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

ANDRIANOV, V.N., kandidat tekhnicheskikh nauk; KLIMENT'YEV, G.F., inzhener.

Effectiveness of the combined operation of a wind power electric plant and a hydroelectric plant. Mekh. i elek.sel'khoz. no.4:65-70 Ap '53. (MLRA 6:5)

1. Moskovskiy institut mekhanizatsii i elektrofikatsii sel'skogo khozyaystva imeni V.M. Molotova. (Wind power) (Hydroelectric power stations)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

CZECHOSLOVAKIA

MISICA, Stanislav; KLEMENTEV, Ivan; Research Institute for Agrochemical Technology [Vyskumny Ustav Agrochemickej Technologie], Bratislava - Predmestie.

"Use of a Recording Instrument for Counting of Spores".

Bratislava, Biologia, Vol 18, No 10, 1963, pp 791 - 792

Abstract: The authors describe an instrument offered by Mikrotechna, National Enterprise at Prague - Modrany.
3 Figures, 1 reference.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, K.

State and prospects of work in developing measures for mechanized harvesting of silage crops. Trakt. i sel'khozmash. 32 no.12:23-26 D '62. (MIRA 16:3)

1. Glavnyy konstruktor spetsial'nogo konstruktorskogo byuro Gomel'skogo zavoda sel'skokhozyaystvennogo mashinostroyeniya.
(Harvesting machinery)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, K.

The KS-2,6 silage harvesting combine. Trakt. i sel'khozmash. no.7:33-36 Jl '64. (MIRA 18:7)

1. Spetsial'noye konstruktorskoye byuro zavoda "Gomsel'mash".

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

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Friction material. V. I. Blagin, N. V. Kotova, I. N. Kaplanskaya, and K. I. Klementyev. U.S.S.R. 106,755. Oct. 25, 1957. Friction disks and brake bands for automobiles are made of the following powders: Fe 4, Cu 60, Sn 10, Pb 5, graphite 4, bakelite 6, and asbestos fiber 9%.

M. Hosch

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

DENISOV, F.N., insh.; KLIMENT'YEV, K.P., insh.

New machines of the Gomel' Agricultural Machinery Plant. Mekh. i elek.sots.sel'khoz. 17 no.6:45-48 '59. (MIRA 13:4)

1. Gomel'skiy zavod sel'skokhozyaystvennogo mashinostroyeniya.
(Gomel'--Agricultural machinery industry)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, K.V., inzh.

Increasing the durability and reliability of silage harvesting combines. Trakt. i sel'khozmash. no.12: 23-25 D '65. (MIRA 18:12)

1. Spetsial'noye konstruktorskoye byuro zavoda "Gomsel'mash".

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, K.V.; BUL'BO, V.I.

Experiments in the use of a tensiometer for measuring the hydraulic pressure in the oil pipes oc hydraulic equipment. Trakt. i sel'-khozmash. 33 no.8:34-36 Ag '63. (MIRA 16:11)

1. Spetsial'noye konstruktorskoye byuro Gomel'skogo zavoda sel'-skokhozyaystvennykh mashin.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

6(7) SOV/112-59-2-4142

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 2, p 279 (USSR)

AUTHOR: Gurevich, A. S., Klement'yev, L. N., and Rozenbaum, A. M.

TITLE: Influence of Certain Changes in Design of a Single-Cord Cotton-Insulated Wire Upon Capacitive Couplings in the Quad
(Vliyaniye nekotorykh izmeneniy konstruktsii odinochnoy zhily s kordel'nobumazhnoy izolyatsiyey na yemkostnyye svyazi chetverki)

PERIODICAL: Tr. N.-i. in-ta kabel'n. prom-sti, 1957, Nr 2, pp 152-157

ABSTRACT: Bibliographic entry.

Card 1/1 USCCMM-DC-60,665

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, M.A.

Plants and motor vehicles of the Daimler-Benz-Auto-Union Company.
Avt. prom. 30 no.7:45-47 Jl '64. (MIRA 17:9)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, M.A.

Manufacture of motor vehicles by the Opel Company. Avt. prom. 29 no.8:43-44 Ag '63. (MIRA 16:11)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, M.A.

Ford plant in West Germany and its Taunus cars. Avt.prom. 30 no.2:47-48 F '64. (MIRA 17:4)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'IEV, M.A.

Volkswagen cars. Avt.prom. 29 no.1:42-44 Ja '63. (MIRA 16:1)
(Germany, West—Motor vehicles)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, N.M., inzh.

Study of a friction coefficient dependent on the temperature of the contact. Trudy Khab. IIT no.16:250-262 '64 (MIRA 18:2)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, N.M.

Multiple machining is a potential for saving metals.
Mashinostroitel' no.6:24 Je '61. (MIRA 14:6)
(Machine-shop practice)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, N. M., insh.

Friction coefficient as a function of the contact temperature. Vest. mashinostr. 42 no.10:43-45 O '62. (MIRA 15:10)

(Friction)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, N.M.

Improving the quality of iron castings. Lit. proizv. no.5:39-40 My '62. (MIRA 16:3)

(Iron founding)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723010020-6

KLEMENT'YEV, N.M.; YERMILOV, N.N.

Bevel-gear cam mechanism. Mashinostroitel' no. 5:27 My '64. (MIRA 17:7)

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