

L 38715-66 EWT(d)/EWP(1) LJP(c) BB/GG

ACC NR: AR6014199

SOURCE CODE: UR/0271/65/000/011/B028/B028

AUTHOR: Gubenko, Ye. I.

37

TITLE: Digital-to-voltage converter 16C

B

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 11B233

REF SOURCE: Vestn. Kiyevsk. politekh. in-ta. Ser. avtomatiki, elektropristrostr. i radioelektron., no. 1, 1964, 13-16

TOPIC TAGS: digital analog converter, computer component

ABSTRACT: A semiconductor code-to-voltage converter is described which is designed with a voltage stabilizer and a resistance matrix made up of two resistor types. Digit switches are designed with PP-1--PP5 and PP6--PP10 transistors. The switches are controlled by triggers. The conversion error does not exceed 1.5%. Three figures. Bibliography of 1 title. N. P. [Translation of abstract]

SUB CODE: 09

Card 1/1 *SM*

UDC: 681.142.621

L 00006-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) IWP(g) EG
ACCESSION NR: AR5008449 UR/0271/65/000/002/A082/A082 41
621.711.2-5 B

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika.
Svodnyy tom, Abs. 2A473

AUTHOR: Gubenko, Ye. I.

TITLE: Determining the speed function in a positional servosystem⁹ that decelerates
an electrical drive

CITED SOURCE: Sb. Avtomatiz. metallurg. proiz-va. Kiyev, Gostekhizdat USSR, 1964,
141-148

TOPIC TAGS: servosystem, rolling mill automation

TRANSLATION: In synthesizing the program automatic control¹⁴ of screwdown
mechanisms, it is important to determine the mathematical formula for the speed
function. This permits exact selection of the drive-deceleration moment, exact
stopping of the system, and eliminates "inching" and overcontrol. Besides,
variations in the static and motor torques should also be taken into account,
otherwise frequent adjustments of the automatic system of screwdown mechanisms

Card 1/2

L 00006-66

ACCESSION NR: AR5008449

in the course of their operation become necessary. An advance-deceleration function is defined, and formula for deceleration distance is derived. The deceleration distance depends on speed and square of the speed and also on the static and motor torques. The formula serves as a basis for designing a device that compares the error at the servosystem input with the speed function. When these two quantities become equal, the servosystem must receive a decelerating command. Figs. 4.

SUB CODE: IE

ENCL: 00

mlr
Card 2/2

L 6300-66 EWT(d)

ACC NR: AR5014³53

SOURCE CODE: UR/0271/65/000/005/A045/A045

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika. Svodnyy tom, Abs. 5A310

AUTHOR: Gubenko, Ye. I.

33
B

TITLE: Telesystem for transmission of digital information

CITED SOURCE: Sb. Ustroystva i elementy prom. telemekhan. Kiyev, 1964, 183-186

TOPIC TAGS: data transmission, digital data transmission

TRANSLATION: A digital-information transmission system is described in which data is sent by keyboard-type switches. The system is designed with semiconductor devices; five diodes and one transistor per 10 transmitted digits. A binary-decimal code is used for transmission. The system can operate with both concentrated and scattered plants. The transmitter and the receiver operate in synchronism at 50 cps. Information from any number of plants can be transmitted in one cycle by means of K-digit numbers. The information is set up on the keyboard at the transmitting station. At the transmitter output, binary-decimal code pulses are transmitted sequentially, plant by plant.

SUB CODE: DP

Card 1/1 *RS*

UDC: 621.398.63/64

0901.1772

ACC NR: L 10788-66 EWT(d)/EWP(1) IJP(e) BB/GG/JXT(cz)
AP6001516 SOURCE CODE: UR/0302/65/000/004/0032/0034

AUTHOR: Gubenko, Ye. I.; Tvardovskiy, V. P. 4/4

ORG: none * 1/1

TITLE: Program control unit based on transfluxors

SOURCE: Avtomatika i priborostroyeniye, no. 4, 1965, 32-34

TOPIC TAGS: computer storage device, computer storage, computer memory

49
B

ABSTRACT: * The Institute of Automation of the State Committee on Instrumentation, Automation, and Control Systems has developed a nondestructive memory unit employing transfluxors. A schematic diagram is shown in Fig. 1. The transfluxors used are 20 mm in diameter and 4 mm in height and have two apertures with diameters of 7 and 3.5 mm. Bias winding W₁ contains 1 turn, "1" write winding W₂, 40 turns, "0" write winding W₃, 10 turns, and read winding W₄, 40 turns. The best signal-to-noise ratio is obtained at an operating frequency of 4-5 kc with "0" write pulses of 30 mamp and "1" write pulses of 300 mamp. The clock signals are supplied to the W₁ windings. Transistors together with saturating cores control the transfluxor bias, selecting one of n words. The cores, serially connected to winding W₁, are either saturated or in the normal state, presenting either a small or large impedance in comparison with the impedances of W₁ to the bias supply. This method of control minimizes power consump-

Card 1/3

UDC: 681.142.652.9

L 10788-66

ACC NR: AP6001516

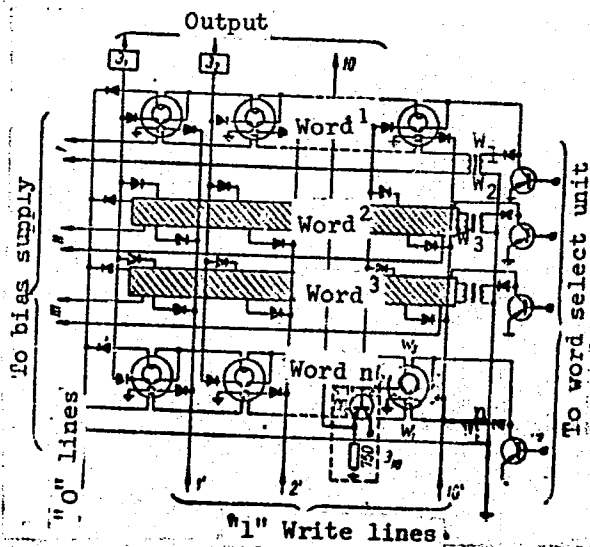


Fig. 1. Transfluxor memory unit

tion, since at each instant only ten transfluxors (one word) use appreciable power. The unit performs satisfactorily even when supply voltages vary by $\pm 12\%$. Orig. art. has: 3 figures. [8D]

Card 2/3

L 10788-66

ACC NR: AP6001516

0

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 4168

Card

jc
3/3

GUBENKOV, Ye.K., inzh.

Optimal parameters of actuating cutter elements of mining cutter
loaders. Nauch. soob. IGD 21:132-141 '63. (MIRA 17:2)

BARON, L.I.; GLATMAN, L.R.; RUBINOV, Ya.S.

Measuring pin cutter. Izv. tekhn. no. 15-56 p. 165.

(MIRA 18:7)

GUBENKO, Ye.N., kand. tekhn. nauk.

Simplified method for calculating the heating up of electric
locomotive engines. Elek. i tepl. tiaga 2 no.3:35-36 Nr '58.
(Electric locomotives) (MIRA 11:4)

GUBENKO, Ye.N., kand.tekhn.nauk

Economic evaluation of using nonstop train crossings on new
lines. Trudy DIIT no.27:174-182 ' 58. (MIRA 12:1)
(Railroads--Crossings)

GUBENKO, Ye.N., kand. tekhn. nauk, S.S.S.R.

Calculating the train weight in cases of electric traction on sections with bad gradients. Trudy DIIT no.30:156-158 '60.

(NIRA 14-12)

(Railroads-- Train load)
(Electric locomotives)

GOL'DSHTEYN, M.N., prof.; ZHEREBTSOV, I.V.; TOL'SKAYA, S.Ye.; FRISHMAN, M.A.;
LEVANKOV, I.S.; ROZENBERG, A.M.; BELASHOV, D.A.; TSERKOVNITSKAYA, A.I.;
LAPIDUS, L.S.; YAKOVLEV, B.V.; GUBENKO, Ye.N.; VICHEREVIN, A.Ye., red.

[Preventing the deformation of tracks and structures overlaying
mine workings.] Preduprezhdenie deformatsii puti i sooruzhenii nad
shakhtnymi podrabotkami. Moskva. Transport, 1964. 65p. (Voprosy
geotekhniki, no.8) (MIRA 18:2)

GUBENKO, Yuriy Toront'yevich; BISEROV, M.P., red.

[Modern methods of scouting for fish] Sovremennye metody razvedki ryby. Petropavlovsk-Kamchatskii, Knizhnaia red. "Kamchatskoi pravdy," 1962. 62 p. (MIRA 18:5)

GUSAKOV, Uu.P., inzhener; Gubenko, Yu.K., inzhener.

Improved mechanism for the T-178 jib crane. Stroi.i dor.ma-
shinostr. no.9:6-7 S '56. (MIRA 9:11)
(Cranes, derricks, etc.)

GUBENKO, Yu.K.; STEPANYUK, K.Kh.

PZhIA-40 beet pulp loader. Sakh. prom. 32 no.46-48 N '58.
(MIRA 11:12)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta sel'skokhozyaystvennogo mashinostroyeniya.
(Sugar beets--Transportation)

GUBENKO, Yu.K.; BRIN, L.G.; STEPANYUK, K.Kh.

PN-24, a new loader. Sakh.prom. no.4:24-25 Ap '60. (MIRA 13:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.

(Loading and unloading)

GUBENKO, Yu.K.; BRIN, L.G.

The PN-24 universal grab loader. *Biul.tekh.-ekon.inform. no.5:52-53 '60.*
(MIRA 14:3)

(Conveying machinery)

GUBENKO, Yu.K., inzh.; BRIN, L.G., inzh.; STEPANYUK, K.Kh., inzh.

New universal FN-24 loader. Trakt. i sel'khoz mash. 30 no.6:30-31.
Je '60. (MIRA 13:11)
(Loading and unloading) (Agricultural machinery)

TYUTYUNNIKOV, A. B. [Tiutiunnykov, A. B.] kand. tekhn. nauk; STRASHOK,
A. F.; GUBENKO, Yu. M. [Hubenko, IU. M.]; PECHENKO, T. I.

Automatic control of the technologically optimum degree of
carbonization of bicarbonate suspensions. Khim. prom. [Ukr.]
no.1:56-60 Ja-Mr '62. (MIRA 15:10)

1. Nauchno-issledovatel'skiy institut osnovnoy khimii.

(Carbonates) (Carbonisation)
(Automatic control)

GUBENKO, YU, T.

Seine fishing for pelagic fish and dolphins in the Black Sea Moskva,
Pishchepromizdat, 1952. 150 p. (54-18439)

SH283.G8

GUBENKO, W. T.

Fishing Boats

Medium-sized Black Sea fishing boat. Ryb. khoz. 23, no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, AUGUST 1952 1953. Unclassified.

MAMON, I.I., kand.tekhn.nauk; MATURHNO, A.V.; GUBENKOV, M.G. [Hubenkov, M.I.];
GLOZMAN, L.P. [Glozman, L.F.]

Dynamics of the work of type ZG-83-10/320 high-pressure piston
compressors. Khim.prom. [Ukr.] no.2:51 Ap-Je '65.

(MIRA 18:6)

MAMON, L.I., kand. tekhn. nauk; GUBENKOV, M.G. [Hubenkov, M.H.]

Design of contact packings. Khim. prom. [Ukr.] no.3:60-62 J1-S '64.
(MIRA 17:12)

GUBENKOV, N.Ya.

Some features of the manufacture of automobile tires in Sweden.
Kauch. i rez. 17 no.3:38-39 Mr '58. (MIRA 11:6)
(Sweden--Tires, Rubber)

18 (5)

SOV/128-59-11-23/24

AUTHORS: Barinov, P.G., Pershin, M.R., Kovalenko, G.D. and
Gubnikov, N.Ye., Engineers

TITLE: History of the Use of Oxygen During Cast Iron Melting

PERIODICAL: Liteynoye proizvodstvo, 1959, Nr 11, p 3 of cover (USSR)

ABSTRACT: The authors state: Priority in this field belongs to the Soviet Union. In 1932, at the former Khar'kov Locomotive Plant, on the initiative of A.F. Bondarenko, the cupola blast enriched with oxygen was for the first time applied. Since 1949, the Plant has used the same method. Efficiency of cupolas was increased by 20%; temperature of cast iron was elevated to 1400°-1420°C; coke-consumption - cut down by 15%.

Card 1/1

GUBENKOV, N.Ye., ekonomist (Khar'kov)

Beginning of a big and important undertaking. Nauka i zhizn'
28 no.7:37-38 JI '61. (MIRA 14:8)
(Kharkov--Automobiles--Repairing) (Efficiency, Industrial)

BERON, A.I.; GUBENKOV, Ye.K.; GLATMAN, L.B.

A three-component dynamometer. Iss.tekh. no.10:33-35 0'60.
(MIRA 13:10)

(Dynamometer)

GUBENKOV, Ye.K.

Determining the cutting parameters of a volumetric planetary
working part moving along the working face. Nauch. soob. IGD
12:130-145 '61. (MIRA 15:9)
(Coal mining machinery)

GUBENKOV, Ye.K.; ZAGORSKIY, S.L.; LOGUNTSOV, B.M.

Grinding the cutters of coal cutter-leaders on the rocks of a
massif. Fiz. mekh. svois., dav. i razr. gor. porod. no.2:81-87
'63. (MIRA 17:1)

BERON, A.I.; LOGUNTSOV, B.M.; GUBENKOV, Ye.K.

Multiple-position two-component dynamometer. Fiz. mekh. svois., dav.
i razr. gor. porod. no.2:103-106 '63. (MIRA 17:1)

ROOT, L.A.; MALOSYVA, L.N.; SOBENKOVA, G.B.; GILMAN, L.A.

Phase equilibria in the systems polymer - binary solvent.
Part 1: Effect of the content of nitrile groups in vulcanized
butadiene-acrylonitrile copolymers (BAC) on their sorption of
components from a mixture of benzene with alcohols. *Koll.
zhur.* 27 no.6:864-868 N.D. '65. *RUSSIA 18:12;*

I. Saratovskiy universitet imeni N.G. Chernyshevskogo.
Submitted March 25, 1964.

COUNTRY : USSR E
 CATEGORY :
 ABS. JOUR. : RZhBiol., No. 1959, No. 9967
 AUTHOR : Dorofeyev, M. I., Gubenok, N. A.
 INST. : --
 TITLE : The Problem of the Condition of Immunity to Natural Smallpox in the Adult Population (Self-Referenced)
 ORIG. PUB. : Zh. Mikrobiol., epidemiol. immunobiol., 1958, No 2, 132
 ABSTRACT : A study was made of the adult population which had not been subjected to planned revaccination; the absence of immunity was established in 66.3% of 249 revaccinated persons (positive vaccination result). In connection with this, it has been suggested to carry out a planned revaccination of the entire population regardless of age every 4 or 5 years. -- Yu. N. Mastyukova

Card: 1/1

16

~~A.N., glavnyy red.; ZHURAVSKIY, Ye.M., kand.tekhn.nauk, red.~~

[Corrosion protection of the inner surface of pipes] Protivo-korrozionnaya zashchita vnutrennei poverkhnosti trub. Moskva, In-t tekhniko-ekon.inform., 1956. 12 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 23, no.I-56-47) (MIRA 11:2)
 (Corrosion and anticorrosives) (Pipe, Steel)

VETUKHNOVSKIY, Z.B., inzh.; VLADYCHINA, Ye.N., inzh.; GUBENSKIY, V.A.,
inzh.; DORRENDORF, V.I., inzh.; SEREBRYANIKOV, S.N., inzh.;
SOLIYENKO, V.O., inzh.; TIMOKHOV, Ye.P., inzh.; TIURIN, V.F.,
vedushchiy inzh.; BOROFIKOV, B.A., red.; KUPTSOV, A.P., tekhn.red.

[Painting in a high voltage electric field] Okraska v elektri-
cheskom pole vysokogo napriazhenia. Moskva, Tsentral'noe biuro
tekhn.informatsii, 1958. 63 p. (MIRA 12:7)

1. Russia (1917- R.S.F.S.R.) Moskovskiy gorodskoy ekonomicheskiy
administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Tsentral'-
naya nauchno-issledovatel'skaya laboratoriya Vsesoyuznoy proizvod-
stvennoy kontory "Lakokraspokrytiye" (for Vetukhnovskiy, Vladychina,
Gubenskiy, Dorrendorf, Serebryanikov, Soliyenko, Timokhov).
(Spray painting)

GUBENSKY, V.A.

25(1) **FRASE I ROSE EXPLORATION** 80V/161

Махово-теплическое оборудование машиностроительного производства, Кировского областного приволжского

Машино-лабораторные и специальные покрытия металлов (Protective, Decorative, and Special Coatings for Metals) River, Mahgiz, 1959. 291 p. 4,300 copies printed.

Митропол Бекет: P. E. Lavrova, N. I. Litvak, and A. P. Eychis (Serp. Ed.) Ed. of Publishing House: M. S. Soroka; Chief Ed. (Southern Division, Mahgiz): V. E. Sedyuk, Engineer.

PURPOSE: This book is intended for technical personnel in the field of protective coatings for metals.

CONTENTS: The papers in this collection, presented at a conference of the ITO MAHYROM held in Omsk, deal with the mechanization and acceleration of metal-coating and plating processes performed by spraying, electrolytic, and other methods. Quality control of protective coatings is also discussed. No personalities are mentioned. References follow several of the papers.

Рытман, З. П., Engineer (Moscow). White Bronze Plating and Electroplating 174 of Copper Alloys as a Substitute for Silver Plating

Сидяков, М. З. Selection of Coatings for Clamping Devices of Electrical-Installation Equipment. 176

Сидяков, М. З., Engineer (Leningrad). Instrument for Controlling the Thickness of Electroplating During the Process of Deposition 186

Соф, Л. С., Engineer (Moscow). Photoelectrochemical Method of Engraving Iron and Steel Plates for Machines and Instruments 191

Сорокина, М. С., Engineer (Moscow). Aluminizing of Steel Reactors by Spraying with Aluminum in Vacuum 198

Сыров, В. А., Candidate of Chemical Sciences (Moscow). Technological Advances and Improvements in Equipment Design Made by KIROVSKAN During the First Five-Year Plan in the Field of Chemical and Electrolytic Treatment of Metals 202

Сыров, В. А., Engineer (Leningrad). Mechanization and Acceleration of Electroplating Processes 208

Татар, Е. С., Engineer (Gor'kiy). Present State and Fields of Application for Electrostatic Painting in the Machine-Building Industry 213

Толубский, В. А., Engineer (Moscow). Painting of Products in a High-Voltage Electric Field 220

Лебедев, К. И., Engineer (Gor'kiy). Introduction of Dry Painting Materials and Methods at the Gor'kiy Plant (Gor'kiy Motor Vehicle Plant) 228

Мухомин, О. К., Engineer (Leningrad). Rapid Drying of Paint and Lacquer Coats Through Application of Commercial-Frequency Currents 239

Ливанов, М. В., Engineer (Moscow). Automated Painting, Enameling, and Glazing of Deeply Recessed Products by Electrostatic Spraying 271

Дерябин, Г. С., Candidate of Technical Sciences (Moscow). Painting of Industrial Products in France 284

SEREBRYANIKOV, S.N.; GUBENSKIY, V.A.

Results of the introduction of electrostatic painting into industry.
Lakokras.mat. i ikh prim. no.1:63-65 '60. (MIRA 14:4)
(Painting, Industrial)

GUBENSKIY, V.A.; SEREBRYANIKOV, S.N.

Electrostatic lacquering of bent-wood chairs. Lakokras.mat.i
ikh prim. no.1:44-49 '62. (MIRA 15:4)
(Furniture painting)

L 1875-66 EWT(m)/EWP(j) RM

ACCESSION NR: AP5022513

UR/0303/65/000/004/0050/0057
667.644,3

AUTHOR: Gubenskiy, V. A. ^{44,55}; Fuks, N. A. ^{44,55}

TITLE: Determination of the size and charge of individual particles in the electrostatic atomization of organic coating materials ¹⁵ ¹⁸ ^{44,55}

SOURCE: Lakokrasochnyye materialy i ikh primeneniye, no. 4, 1965, 50-57

TOPIC TAGS: atomization, charged particle, varnish, optic measurement

ABSTRACT: A variant of an oscillographic method and an instrument were developed for determining the size and charge of individual particles during electrostatic atomization of organic coating materials. The limits of the measurements are r (radius) = 1-70 microns and $q = 10^3-10^6$ electronic charges. Charges below 10^3 e. c. can also be measured. The sign of the charge on a particle is determined from the asymmetry of the trajectories when a weak constant field is applied on an alternating electric field (a sinusoidal voltage being used), or from the shape of the particle trajectories when a rectangular constant voltage is used. The instrument is also suitable for studying both liquid and solid individual charged particles obtained by other methods of atomization and charging. The size of un-
Card 1/2

44
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X

L 1875-66

ACCESSION NR: AP5022513

charged particles can be measured when pulsed illumination sources are employed. It is shown that in the case of optimum physicochemical properties of the liquids and optimum electrostatic atomization parameters, the curves of size distribution approach a lognormal distribution. The charge on the particles was found to increase with the radius r ; the dependence of the charge on the radius is expressed by a parabolic curve and generally obeys the exponential function $q = a r^n$, in which constants a and n depend on the properties of the liquids and conditions of electrostatic atomization. Orig. art. has: 9 figures.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: OC, GC,

NO REF SOV: 007

OTHER: 004

MT

mlr
Card 2/2

LEVINSON, G.I. [author]; GUBER, A.A., doktor istoricheskikh nauk [editor].

[The Philippines] *Filippiny*. Pod red. A.A.Gubera. Moskva, Gos.izd-vo
geogr.lit-ry, 1953. 63 p. (MLRA 6:9)

(Philippine Islands)

GUBER, A. A.

USSR/Miscellaneous Propaganda

Card : 1/1

Authors : Guber, A. A. Memb. Corresp. of Acad. of Sc. USSR

Title : ~~In Peoples~~ Albania

Periodical : Nauka i Zhizn'. 5, 43 - 45, May 1954

Abstract : The technical and economical progress of Albania, under the guidance and control of the USSR, is described. Illustrations.

Institution :

Submitted :

GUBER, A. A.

USSR/Miscellaneous - Politics

Card 1/1 : Pub. 124 - 4/24

Authors : Guber, A. A., Memb. Corresp. of Acad. of Sc. USSR

Title : Brotherly friendship between the Chinese and Soviet Peoples

Periodical : Vest. AN SSSR 11, 27-34, November 1954

Abstract : A historical review of the old friendship existing between the Soviet and Chinese people is presented. The effect of the Soviet revolution on the strengthening of these brotherly bonds between the two great nations is discussed.

Institution :

Submitted :

SKOMOROKHOV, L.B., [translator]; GUBER, A.A., redaktor; LATYSHEV, I.S., redaktor; GERASIMOVA, Ye.S., tekhnicheskii redaktor.

[Indonesia now. Translation from the English by L.B.Skomorokhov]
Sovremennaiia Indoneziia. Perevod s angliiskogo L.B.Skomorokhova.
Red. i vstup. stat'ia A.A.Gubera. Moskva, Izd-vo inostrannoi lit-ry,
1955. 157 p. (MIRA 8:4)
(Indonesia—Description and travel)

AVRAAMOVA, A.A.; ALAMPIYEV, P.M.; BADIR'YAN, G.G.; BORODIN, I.A.; VASYUTIN,
V.F.; GUBER, A.A.; GURARI, Ye.L.; DANILOV, A.D.; DEREVYANKO, P.A.;
YEL'SUKOV, M.P.; KOLOSKOV, P.I.; LAPTEV, I.D.; LEONT'YEV, N.F.; PECHNI-
KOV, A.M.; PROKHOROV, A.I.; RUDENKO, N.A.; CHERDANTSEV, G.N.; YAKIMOV, A.T.

P.V. Pogorel'skii; Obituary. Izv. AN SSSR. Ser. geog. no. 3: 94-95 My-Je
'55. (MLBA 8:9)

(Pogorel'skii, P.V., 1899-1955)

Guber, A. A.

USSR/ Miscellaneous - Political science

Card 1/1 Pub. 124 - 8/30

Authors : Guber, A. A., Memb. Corresp., Acad. of Sc., USSR

Title : Study of India in the USSR

Periodical : Vest. AN SSSR 25/7, 53 - 59, Jul 1955

Abstract : Honoring the recent visit of Indias premier, D. Nehru, to the USSR the Acad. of Sc., USSR issued a report on the long lasting friendship between the two nations and prepared a list of periodicals and books from which the Soviets can learn about India without having to travel to India. Seventeen USSR references (1948-1954).

Institution :

Submitted :

VASIL'YEVA, V.Ya., otv.red.; GUBER, A.A., otv.red.; UZYANOV, A.N., otv.red.;
ZHABREYEV, A.F., red.; VASIL'YEV, V.F., red.; EPSHTEYN, V.G., red.
karty; LIVSHITS, Ya.L., red.isd-va; FRENKEL', M.Yu., red.isd-va;
PANAS'YANTS, M.D., red.isd-va; TSIGEL'MAN, L.T., tekhn.red.

[Union of Burma; a collection of articles] Birmanskii Soius;
sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1958. 291 p.
(MIRA 12:2)
1. Akademiya Nauk SSSR. Institut vostokovedeniya. 2. Nauchnyy
sotrudnik Instituta vostokovedeniya (for Epshteyn).
(Burma)

GUBER, A.A., otv.red.; DIZHUR, V.I., red.izd-va; KASTEL'SKAYA, Z.D., red.
izd-va; TSIHEL'MAN, L.T., tekhn.red.

[Countries of southeastern Asia; their history and economy]
Strany Iugo-Vostochnoi Azii; istoriia i ekonomika. Moskva,
Izd-vo vostochnoi lit-ry, 1959. 165 p. (MIRA 12:6)

1. Akademiya nauk SSSR. Institut vostokovedeniya. 2. Chlen-
korrespondent Akademii nauk SSSR (for Guber).
(Asia, Southeastern--Economic conditions)

GUBER, A.A., otv. red.; HELEN'KIY, A.B., red.; ZABOZLAYEVA, O.I., red.;
LESNYKH, I.S., red. izd-va; FRIDMAN, L.Sh., red. izd-va;
BERESLAVSKAYA, L.Sh, tekhn. red.

[The Republic of Indonesia, 1945-1960] Respublika Indoneziia,
1945-1960. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.
(MIRA 15:2)

1. Akademiya nauk SSSR. Institut narodov Azii. 2. Chlen-
korrespondent AN SSSR (for Guber).

(Indonesia--Politics and government)

(Indonesia--~~Economic~~ conditions)

GNEVUSHEVA, Yelizaveta Ivanovna; GUBER, A.A., otv. red.; GARMSEN,
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A scientific conference devoted to problems of evaporation, combustion, and gas dynamics of dispersed systems was held at Odessa State University in 1962. Sixty-five papers were presented, 24 of which dealt with the theory and practice of production and stability of aerosols and the effect on these processes of various physicochemical factors; the other 41 were working processes in combustion chambers of various power plants. Some of the titles were "Investigating oxidation processes of high hydrogenous fuels by oxygen from compressed air," S. S. Kramarenko; "Burning of metal suspension in hydrocarbon fuels," D. I. Polichuk, L. P. Latonina, and V. L. Yankevich; and "Experimental investigation of two-phase flow in axially-symmetrical nozzles," G. A. Komov. Included also were discussions of the methods of solving equations of dissociating gas flow in ducts and gas dynamic calculations for jet engines, G. A. Varchavsky, E. Ya. Guber, and A. P. Kisel'ov; the formation of plane shock waves in shock tubes and passage of shock waves through a flame front, D. V. Fedoseyev, G. D. Sadamandr, and I. K. Sevast'yanova; experimental results on the flow of combustion products of a methane-oxygen mixture around cambered surfaces with diffraction of detonation waves, L. G. Gvozd'ova; the stability of a steady-state flame front, S. K. Aslanov; the relationship between the flame and the diameter of a burning drop, V. O. Fedoseyev; and theoretical and experimental studies of burning of spherical metal particles, by L. A. Ibragimov.

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ACC NR: AP5025313

SOURCE CODE: UR/0193/65/000/009/0028/0031

AUTHOR: Belikov, M.P. (Candidate of technical sciences); Guber, K.V.

23
B

ORG: none

TITLE: New equipment for agricultural irrigation

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 9, 1965, 28-31

TOPIC TAGS: agricultural engineering, agricultural machinery, pipeline

ABSTRACT: The authors describe new machines and pipeline equipment for mechanization of sprinkler and channel irrigation. A table is given showing the basic technical characteristics of both production and experimental sprinkler machines. Data are also given on pumping machines as well as flexible and rigid pipelines. Some figures are given on the savings achieved by use of the new irrigation equipment for various crops in various regions of the Soviet Union. Recommendations are given for economizing on production by using light alloys and plastics. Orig. art. has: 3 tables.

SUB CODE: 02, 13 / SUBM DATE: none

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B.I. - ? Glass, ceramics, abrasives

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