

The Ranks of Competitors Are Increasing

SOV/27-59-2-5/30

quotas and labor methods; to improve working conditions and obtain good quality in production; to raise its technical and general knowledge. Even students now undergoing practical industrial training away from their schools are participating in the competition. These include students at Trade School Nr 19, Elektrogorsk, and at Remeslennoye uchilishche Nr 5 (Trade School Nr 5), Elektrostal'.

ASSOCIATION: Moskovskoye oblastnoye upravleniye trudovykh rezervov (Moscow Oblast' Administration of Labor Reserves).

Card 2/2

KVACH, V.

Effectiveness of wide-row single-seed planting. Mekh. sil',
hosp. 14 no.3:11-13 Mr '63. (MIRA 17:1)

1. Zaveduyushchiy otdelom Yakimovskoy issledovatel'skoy stantsii
mekhsnizatsii sel'skogo khozyaystva.

MIFLE, P.V., inzh.-mekhanik; KVACH, V.G. [Kvach, V.H.], inzh.-mekhanik

Is it necessary to clean the lubrication system of tractors with
diesel fuel? Mekh. sil'. hosp. 11 no.9:16 S '60. (MIRA 13:9)
(Tractors--Lubrication)

MIFLE, P.V., inzh.-mekhanik; KVACH, V.G. [Kvach, V.H.], inzh.-mekhanik

Stability of operating factors and the regulation of fuel
apparatus. Mekh. sil'. hosp. 12 no. 1:19-20 Ja '61.

(MIRA 14:1)

(Diesel engines)

KVACH, V.G., nauchnyy sotrudnik

Performance of booster pumps. Mekh. sil'. hosp. 12 no. 6:16-17
Je '61. (MIRA 14:5)

1. Yakimovskaya issledovatel'skaya stantsiya Ukrainskogo
nauchno-issledovatel'skogo instituta mekhanizatsii i elektrifikatsii
sol'skogo khozyaystva.

(Fuel pumps)

KVACH, V.I.

Burning liquid and solid fuel in combined combustion chambers.
Spart. prom. 25 no.7:41-43 '59. (MIRA 13:2)
(Shadrinsk--Distilleries--Equipment and supplies) (Furnaces)

KVACHA, L. G.

"Meteority SSSR" (USSR Meteorites) by A. N. Zavaritskiy and L. G. Kvacha;
244 pages, Moscow, 1952.

SO: 890159

KVACHADZE, D. A.

"Data on a Study of the Comparative Therapeutic Action of Certain Antishock Preparations (of A. F. Polosukhin, F. A. Asratyan, and G. A. Tskimanayura) Under Experimental Shock Conditions." Cand Med Sci, Tbilisi, 1954. (RZhBiol, No 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

Handwritten: BATSIKADZE, V.I.; KVACHADZE, D. *ye.*

Using the integral method of deformations in designing thin-walled bars for torsion [in Georgian with summary in Russian]. Trudy GPI no.6:8-11 '56. (MIRA 11:2)

1.Kafedra stroitel'nogo proizvodstva Gruzinskogo politekhnicheskogo instituta im. S.M. Kirova, Tbilisi.
(Elastic rods and wires)

MSHVENIYERADZE, D.M.; TOGONIDZE, V.R.; KVACHADZE, D.Ye.; SHENGELIYA, L.T.;
DZHAPARIDZE, N.N.; CHKHEIDZE, V.V.; SACHALELI, I.A.; TKEMALADZE, R.K.

Results of studying the compaction of loess by heavy tampers
in the city of Rustavi. Trudy GPI [Gruz.] no.1:139-144 '63.
(MIRA 18:2)

KAKUSHADZE, A.M.; URIDIYA, P.I.; KVACHADZE, D.Ye.

Approximate calculation of hollow shells. Trudy GPI [Gruz.] no.1;
45-49 '63. (MIRA 18:2)

KVACHADZE, D. Ye.: ^{and} Master Tech Sci (diss) -- "Computation of arches with rigid and flexible supports using the variation method". Tbilisi, 1958. 28 pp
(Min Higher Educ USSR, Order of Labor Red Banner Georgian Polytech Inst in S. M. Kirov), 200 copies (KL, No 2, 1959, 121)

KAKUSHADZE, A.M.; KVACHADZE, D.Ye.

General method of determining the stressed state of the base
of point footings. Trudy GPI [Gruz.] no.1:41-44 '63.

(MIRA 18:2)

KVACHADZE, I. M.

KVACHADZE, I. M.--"Materials for the Study of the Separation of Gastric Juice and Mucus from Young Distrophic Children." *(Dissertation for Degrees in Science and Engineering Defened at USSR Higher Educational Institutions.) Tbilisi State Medical Inst, Tbilisi, 1955

SO: Knizhnaya Letopis' NO. 25, 18 Jun 55

* For Degree of Candidate in Medical Sciences

GELOVANI, Meri Akvsentiyevna; KVACHADZE, Iosif Mikharoblovich

[Some characteristics of gastric secretion in dystrophic young children]. [Nekotorye osobennosti zheludochnoi sekretsii u distrofichnykh detei rannego vozrasta. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo."] 1963. 178 p.[In Georgian]
(MIRA 17:4)

KVACHADZE, I. S.

Kvachadze, I. S. - "The innervation of the uterus and vagina of the dog", Sbornik trudov (Gruz. zootekhn.-vet. in-t), Vol. VI, 1949, p. 84-93, (In Georgian, resume in Russian), - Bibliog: p. 95.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

KVACHADZE, L.I.

Treatment of extensive scalp avulsions. Soob. AN Gruz.SSR 21
no.6:739-746 D '58. (MIRA 12:4)

1. AN GruzSSR, Institut eksperimental'noy i klinicheskoy khirurgii
i gematologii, Tbilisi. Predstavleno akademikom K.D. Eristavi.
(SCALP--WOUNDS AND INJURIES)

KVACHADZE, I.I.

Morphological changes in the adrenal cortex in experimental
hyperthyroidization. Trudy Inst. eksp. i klin. khir. i gemat.
AN Gruz. SSR 11:185-191 '63. (MIRA 17:8)

KVACHADZE, N.I.

Transient processes in a train of abor. circuits. Trudy UPI
no.5:32-38 '63. (SIR 17:9)

BEKAURI, N.G.; DEHASHIASEVILI, T.B.; GABRINDASHVILI, V.T.; KVACHADZE, M.

Hydrogenation of phenol in the presence of new catalysts.
Soob. AN Gruz. SSR 34 no.1:89 Apr '64 (NERA 1967)

1. KVACHADZE, H.I., LONODANOV, H.S. Eng.
2. USSR (60)
4. Roads - Maintenance and Repair
7. Winter plane for automobile log roads. Ess.prom. 12 no. 12 1952

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

USSR/Farm Animals. Cattle. Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78730.

Author : Gugushvili, K.F.; Matskepladze, I. B.; ~~Kvachidze, T. D.~~

Inst : Scientific-Research Institute of Animal Breeding.
GSSR.

Title : Dynamics of the Change of Certain Blood Indicators of
Pregnancy.

Orig Pub: Sb. tr. N.-1. in-t zhiivotnovodstva GruzSSR, 1957,
2, 258-277.

Abstract: Thirteen cows up to 10 years old were investigated
at the experimental base of the Georgian Scientific
Research Institute of Animal Husbandry. In non-
pregnant cows, the quantity of Ca in the blood on
the average is 11.3mg%. In the second half of preg-
nancy in a majority of cows, the quantity of Ca

Card : 1/2

L 32814-65 EEC(b)-2/EWT(1)/ERT(m)/EWP(b)/T/EWP(t) IJP(c) JB/SG
ACCESSION NR: AP5004526 S/0048/65/G29/001/0075/0077

AUTHOR: Vorozheykina, L.F.; Igithanishvili, D.D.; Politov, N.G.; Kvachadze, V.G. 35
31

TITLE: Electric and thermal conductivities and optical absorption of irradiated
alkali halide crystals /Report, 12th Conf. on Luminescence held in L'vov 30 Jan-
5 Feb 1964/

SOURCE: AN BSSR. Izvestiya. Seriya fizicheskaya, v.29, no.1, 1965, 75-77

TOPIC TAGS: electric conductivity, heat conductivity, optical absorption, thermal
neutron, alkali halide, single crystal.

ABSTRACT: The electric conductivity at temperatures from 75 to 250°C and the maxi-
mum absorption coefficient in the F band of KCl crystals were measured before and
after slow neutron irradiation with doses up to 2.4×10^{16} nvt. The conductivity
was measured in vacuum with an electrometer capable of measuring currents as low as
 2×10^{-13} A. The conductivity at 135°C first decreased with increasing dose, then
increased to a maximum at 12×10^{15} nvt, and subsequently decreased. The absorption
coefficient showed inverse behavior: a maximum at a moderately small dose and a mi-
nimum at 12×10^{15} nvt. The crystals investigated were of two kinds, distinguished

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L 32814-65

ACCESSION NR: AP8004528

by activation energies for conduction before irradiation of 1.0 and 1.18 eV respectively. The activation energy was not changed by irradiation except when the dose was near the critical value producing a large change in conductivity. Crystals subjected to the critical dose showed two activation energies, both smaller than that of the virgin material. The smaller of these activation energies was effective at temperatures below 135°C, and the larger at temperatures higher than this. The higher conductivities of crystals given the critical dose are ascribed to the appearance of new current carriers, and it is suggested that these are "decay products" of dislocations. The thermal conductivity, optical absorption coefficient at 300 mμ and relative dislocation density of LiF were measured as functions of neutron dose. A close correlation was found between the heat conductivity and the number of defects produced by the irradiation. It is concluded that the role of defects in heat conduction is not to be ignored. Orig.art.has: 3 figures.

ASSOCIATION: Institut fiziki Akademii nauk GruzSSR (Institute of Physics, Academy of Sciences, Georgian SSR)

SUBMITTED: 00/--Jan65

ENCL: 00

SUB CODE: SS

NR REF SOV: 003

OTHER: 002

Card 2/2

KVACHADZE, V. I.

BUKATKO, N.A.; KVACHADZE, V.I.

Dynamics of the modification of leukopedesis in chronic gastritis following prolonged irrigation of the stomach. Klin.med. 32 no.4: 72-75 Ap '54. (MLRA 7:7)

(LEUCOCYTES,

*leukopedesis in gastritis, eff. of gastric irrigation)

(IRRIGATION,

*stomach, in gastritis, eff. on leukopedesis)

KVACHADZE, V.M.

Changes in the cardiovascular system during necatoriasis. Med.
paraz.i paraz.bol. 29 no.4:405-408 JI-Ag '60. (MIRA 13&11)

1. Iz kafedr epidemiologii (zav. - prof. N.G. Kamalov) i terapii
(zav. - prof. Ye.N. TSintsadze) Tbilisskogo instituta usovershenst-
vovaniya vrachey (dir. - prof. G.R. Khundadze).
(HOOKWORM DISEASE) (CARDIOVASCULAR SYSTEM)

KVACHADZE, V.M.

State of gastric secretion in necatoriasis. Soob. AN Gruz. SSR
26 no.5:595-598 My '61. (MIRA 14:8)

1. Tbilisskiy institut usovershenstvovaniya vrachey. Predstavleno
chlenom-korrespondentom AN GruzSSR I.Ya. Tatishvili.
(NEMATODA) (GASTRIC JUICE)

BUGIANISHVILI, Sh.M.; MACHAVARIANI, A.S.; KVACHADZE, V.M.

Naphthamon treatment of necatoriasis. Med. paraz. i paraz.
bol. 32 no.4:488 J1-Ag '63. (MIRA 17:8)

1. Kafedra epidemiologii, mikrobiologii i laboratornoy diag-
nostiki (zav. - zasluzhennyy deyatel' nauki prof. N.G. Kamalov)
Tbilisskogo instituta usovershenstvovaniya vrachey.

KVANCHAKHADZE, G. Sh.

"The Problem of the Hygienic Conditions of Labor and Sickness
Statistics of Miners in the Chiatura Manganese Mines." Card Med
Sci, Tbilisi State Medical Inst, Tbilisi, 1954. (KL, No 13, Mar 55)

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

KVACHAKIDZE, R.K.

Study of the typology of subalpine forest and shrubs in the
Kakasyoni region of Kakhetia. Soob. AN Gruz. SSR 38 no. 3:
631-636 Je '65. (MIRA 18:12)

KVACHAKIDZE, R.K.

Some characteristics of the structure of forest stands and
biocology of trees near the upper range of their vertical
distribution (in the subalpine belt). Ssob. AN Gruz. SSR
39 no.2:427-434 Ag '65. (MIRA 18:9)

KVACHANTIRADZE, M.S.

Study of the problem of the wintering of the codling moth (*Carpocapsa pomonella* L.) in Georgia. Soob. AN Gruz. SSR 29 no.6:729-734 D '62.
(MIRA 18:3)

1. Institut zashchity rasteniy Gruzinskoy SSR. Submitted December 14, 1961.

KVACHANTIRADZE, M.S.

Biological characteristics of apple worm and the dynamics of
its abundance as related to the vertical zonality of the
Georgian S.S.R. Soob. AN Gruz. SSR 31 no. 3:687-694 S '63.
(MIRA 17:7)

1. Institut zashchity rasteniy, Tbilisi. Predstavleno
chlenom-korrespondentom AN GruzSSR L.P.Kalandadze.

KVACHENKO, B.K.

Resection of an extensive area of the small and large intestine in
thrombosis of a.mesenterica superior. Sov.med. 18 no.5:19 My '54.
(MLRA 7:5)

1. Iz Rovenskoy gorodskoy bol'nitsy (glavnyy vrach N.G.Pirogov).
(Intestines--Surgery) (Thrombosis)

KVACHENKO, B.K.

Organization and results of oncological surveys of the population
in Rovno Province. Akush. i gin. 35 no.1:115-117 Ja-F '59.
(MIRA 12:2)

1. Glavnyy akusher-ginekolog oblastnogo otdela zdravookhraneniya
Rovno (USSR).

(UTERUS, NEOPLASMS, statis.
in Russia (Rus))

KVACHENOK, A.S., inzh.

Supply of gas to the city of Ivanovo and settlements in Ivanovo
Province. Stroi. truboprov. 7 no.1:20 Ja '62. (MIRA 16:7)

(Ivanovo Province--Gas, Natural)

VOLOSHCHENKO, V.O.; LERNER, F.M.; LOTOTS'KYI, K.V.; KHODOROVYCH, M.A.;
KVACHOV, G., redaktor; MINEVYCH, I., technicheskiy redaktor.

[Operation and maintenance of rural electric power plants] Eksploa-
tatsiia i remont sil's'kykh elektrostanovok. Kyiv, Derzh.vyd-vo
tekh. lit-ry URSR, 1952. 251 p.[Microfilm] (MIRA 8:2)
(Electric power plants)

KVACHEV, G.S., inzhener.

Plenum of the section on rural electrification in Kiev. Elektrichestvo
no.3:89 Mr '54.

(MLRA 7:4)

(Rural electrification)

KVACHOV, Grigoriy Semenovich; KUROCHKIN, F., veduchiy redaktor; NOVIK, A.,
tekhnichnyy redaktor

[Electrical equipment in agriculture] Elektrychni ustanovky v sil'-
s'kohospodars'komu vyrobnytstvi. Kyiv, Derzh. vyd-vo tekhn. lit-ry
Ukrainy, 1956. 253 p. (MIRA 10:4)
(Farm equipment) (Electric apparatus and appliances)

AUTHOR: Kvachev, G.S., Engineer

01-58-8-20/34

TITLE: Remote Control of Cut-out Switches in Substations (Distantionnoye upravleniye raz'yedinitelyami na podstantsii)

PERIODICAL: Energetik, 1958, Nr 8, pp 26-27 (USSR)

ABSTRACT: The experimental assembly described consists of a magnetofugal three-phase asynchronous electric motor set to operate a travelling rod. The rod is wound with a wire in which the e.m.f. is induced by the magnetic field of the stator. Feeding current to the motor causes the rod to move and trip the switches. There are 2 wiring diagrams and 1 photo.

1. Switches--Control systems 2. Electric power plants--Substation

Card 1/1

KVACHOV, G.S., dots.

Using variable stroke induction engines. Mekh. sel'. hosp. 9 no.9:
32 - 3 of cover S '58. (MIRA 11:10)
(Tractors--Engines)

KVACHOV, G.S. [Kvachov, H.S.], dots.

Powerful force. Nauka i zhyttia 9 no.7:35-38 J1 '59.
(MIRA 12:11)

1. Direktor "Ukrdiprosil'elektro."
(Electricity in agriculture)

KVACHOV, G.S. [Kvachov, H.S.], dots.

Electric machinery on livestock farms in France. Mekh.sil'.hosp.
10 no.1:30-31 Ja '59. (MIRA 12:4)
(France—Electricity in agriculture)

8(6), 9(2)

SOV/91-59-10-22/29

AUTHOR: Kvachey G.S., Engineer

TITLE: Application of Magnetofugal Motors for Driving of Installations with Short-Duration Conditions of Work

PERIODICAL: Energetik, 1959, Nr. 10, pp 31-34 (USSR)

ABSTRACT: Performance of asynchronous motors is based on the principle of a rotating magnetic field. A three-phase current applied to the stator of a three-phase asynchronous motor provokes in the latter appearance of a field, rotating with a speed $n_1 = \frac{60f_1}{p}$, where f_1 is the frequency of applied current; p - the number of pairs of stator winding poles. In the rotor, which is placed in the stator bore, induced currents will appear. During interaction of these currents with the rotating field, a torque acting in the direction of field rotation will be created, and the rotor begins to rotate. The rotor round turning speed will be less than the speed of field rotation; the former is determined by the formula $n_2 = \frac{60f_1}{p}(1-S)$, where S is the sliding of rotating mag-

Card 1/3

SOV/91-59-10-22/29

Application of Magnetofugal Motors for Driving of Installations with Short-Duration Conditions of Work

netic field with respect to the rotor. The mechanical characteristics of asynchronous motor can be changed, depending on the active resistance in the rotor circuit. If an asynchronous motor stator is cut and evolved into a plane (Fig. 1), a running magnetic field is created. By putting an evolved rotor (in the form of a copper or aluminium sheet) upon the evolved stator, we receive a translational movement of the rotor in the one or the other direction, depending on the sequence of phase alteration in the stator winding. However, appliances performing such a direct conversion of electrical energy into translational movement have not found hitherto wide application owing to their low efficiency (below 50%). Only of late, a number of comparatively simple and inexpensive layouts permitting reception of alternating frequency by feeding them from a constant frequency network was constructed. It enables the application of devices that convert electrical energy directly into translation movement, for such machines as hammers, presses,

Card 2/3

SOV/91-59-10-22/29

Application of Magnetofugal Motors for Driving of Installations with Short-Duration Conditions of Work

piston pumps, stamping machines, etc. Several types of magnetofugal motors were built of flat (Fig. 1) and tubular construction (Fig. 2). Driving by means of magnetofugal motors facilitates the switching of drive power circuits on alternating current, thus creating the possibility of automation of electric installations. There are 1 table, 5 diagrams and 1 photograph.

Card 3/3

EVACHEV, G.S., inzh.

Using electromagnetic motors in rural electrical installations.
Mekh.i elek.sots.sel'khoz. 17 no.5:42 '59. (MIRA 12:12)

1. Ukgiprosel'elektro.
(Electric motors)

KVACHEV, G.S., inzh.; MEL'NICHENKO, G.I., inzh.

Modernized flow regulators for hydroelectric power plants.
Mekh.i elek.sots.sel'khoz. 17 no.6:40-43 '59. (MIRA 13:4)

1. Ukgiprosel'elektrn.
(Hydroelectric power stations)

KVACHEV, Grigoriy Semenovich [Kvachov, H.S.]; OLIYNIK, V.S.
[Oliinyk, V.S.], kand. tekhn. nauk, red.; KOSOVSKIY,
V.A. [Kosovs'kyi, V.A.], red.; MANOYLO, Z.T., tekhn. red.

[Magnetofugal drives for rural electric power systems] Mag-
nitofugal'nyy pryvod v sil's'kykh elektroustanovkakh. Kyiv,
Vydavnistvo UASHN, 1960. 97 p. (MIRA 15:7)
(Rural electrification)

KVACHEV, G. S., Cand Tech Sci -- (diss) "Magneto-fugal device in rural electrification." Kiev, 1960. 15 pp; with charts; (Ministry of Agriculture Ukrainian SSR, Ukrainian Academy of Agricultural Sciences); 200 copies; price not given; list of author's works on pp 14-15; (KL, 19-60, 134)

KVACHOV, G.S. [Kvachov, H.S.], kand.tekhn.nauk

New electric drive for commutation apparatus. Mekh. sil'.
hosp. 12 no.9:26-28 S '61. (MIRA 14:11)

(Electric driving)
(Commutation(Electricity))

KVACHEV, G.S., kand.tekhn.nauk; MEL'NIKOENKO, G.I.; STASENKO, R.F.

A new drive for 10 kv. oil-filled switches. Energ.i elektrotekh.
prom. no.4:45-48 O-D '62. (MIRA 16:2)

1. Ukrnigiprosel'elektro.
(Electric switchgear) (Electric power distribution)

KVACHEV, P. I.

27803. KVACHEV, P. I. — Uskorennoye rozmnozheniye sortovv krasnodarskom kraye.
Selektsiya y semenovodstvo, 1949, No. 9, S. 7-9

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

SOV/117-58-12-1/36

AUTHOR: Kvachev, P.O., Engineer, Secretary of the Party Committee

TITLE: The First State Bearing Plant (1-y Gosudarstvennyy podshipnikovy zavod)

PERIODICAL: Mashinostroitel', 1958, Nr 12, p 1 (USSR)

ABSTRACT: General information is given on the prospective development of the 1st State Bearing Plant in the period 1959 to 1965, including full automation of production, use of new equipment, production of new types of bearings and competition between communist labor brigades.

Card 1/1

KVACHEV, Petr Oqipovich; TSYPKINA, F.L., red.; BYLINSKAYA, I.G.,
tekh.red.

[Development of automation; notes of the secretary of the party
committee at the First State Bearing Plant] Shagi avtomatiki;
zametki sekretaria Partkoma Pervogo Gosudarstvennogo podzhipni-
kovogo zavoda. Moskva, Izd-vo "Sovetskaiia Rossiia," 1959.

53 p.

(MIRA 13:1)

(Automation)

(Moscow--Bearing industry)

KVACHEV, V.F.

Grinding bulky feeds with the MD-610 grinder and dynamic properties of hammer-mill grinders. Izv. vys. ucheb. zav.; pishch. tekh. no.3:116-123 '58. (MIRA 11:9)

1. Odesskiy tekhnologicheskiy institut imeni I.V.Stalina, Kafedra tekhnologii mukomol'no-krupyanogo i kombikormovogo proizvodstva. (Feeding and feeding stuffs) (Crushing machinery)

L 4500-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AP5023270

UR/0302/65/000/003/0027/0029
681.142.35:681.142.177.8

AUTHOR: Nikulin, V.N.⁴⁴; Kvachev, V.G.⁴⁴

40
03

TITLE: Digital recorder with punchcard output

SOURCE: Avtomatika i priborostroyeniye, no. 3, 1965, 27-29

TOPIC TAGS: digital computer, punched card, digital device, binary logic, data recording, decimal base

ABSTRACT: Digital recording devices cannot feed the accumulated data to electronic computers without their preliminary conversion into the machine code. In an earlier attempt to utilize computers for direct processing of data, Ya. P. Drymalyk et al. at the Institut kibernetiki AN Ukr SSR (Institute of Cybernetics AN Ukr SSR) utilized magnetic tape recordings (Avtomatika i priborostroyeniye, priborostroyeniye, no. 4, 1961; Avtomaticheskyy kontrol' i metody elektricheskikh izmereniy, t. 2, Sibirskoye otdeleniye AN SSSR, Novosibirsk, 1964) in conjunction with the "Ural" computer. However, this approach demanded that the magnetic recording heads and the form of the recordings of the registering device and the computer be strictly identical. Consequently, the personnel of the Institute of Cybernetics designed and constructed a digital recorder which collects data on standard punchcards which can subsequently be used in any computer with a punchcard input. The present article presents the block diagram of the device and describes its operation. It uses a mixed binary-decimal base system, works with up to 8 sensors which it scans

Ccard 1/2

L 4500-66

ACC NR: AP5023270

cyclically every 0.13, 0.26, 0.52, 1.05, 2.1, 4.2, or 8.4 sec, and its buffer memory can store 1024 bits. The accuracy of the system (determined by the DC amplifier accuracy) is 0.5%, the amplitude of the analog-digital converter input voltage is 0 - 20 v, the number of programmed measuring ranges is 3, the minimum number of cycles per range is 1, the maximum number of measurements per sensor is 1022, output rate is 10 cards/min, synchronization accuracy is 10^{-6} sec, and power required is 1.5 kw. Orig. art. has: 1 formula and 2 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: DP, IE, EC

NO REF SOV: 002

OTHER: 000

PC
Card 2/2

NIKULIN, V.N.; KVACHEV, V.G.

Discrete element of the programmed ignitron breaker control. Avtom.
i prib. no.2:29-31 Ap-Je '63. (MIRA 18:8)

1. Institut kibernetiki AN UkrSSR.

MILYAVSKIY, Il'ya Osipovich; KHABAROV, Nikolay Fedorovich; KVACHEV,
Vladimir Mikhaylovich; GUSMAN, L., red.; SHELK, M.,
tekh.red.

[Economic accountability on collective farms; practices of
collective farms near Moscow] Khozraschet v kolkhozakh; iz opyta
kolkhozov Podmoskov'ia. Moskva, Mosk.rabochii, 1960. 151 p.
(MIRA 14:2)

(Collective farms--Accounting)

KVACHEV, Vladimir Mikhaylovich, agronom-ekonomist; STEBUNOV, N.S.,
← red.; GERASIMOVA, Ye.S., tekhn. red.

[Reducing the cost of production on collective farms; as
exemplified by suburban collective farms in Moscow Province]
Snizhenie sebestoimosti produktsii v kolkhozakh; na primere
prigorodnykh kolkhozov Podmoskov'ia. Moskva, Ekonomizdat, 1962.
66 p. (MIRA 15:9)

(Moscow Province—Collective farms—Costs)

RUSAKOV, G.K., kand. sel'khoz. nauk; MILYAVSKIY, I.O., kand. sel'khoz. nauk; SHILKO, V.P., kand. sel'khoz. nauk; MARTINENAS, A.N.; BELINSKIY, A.I., agr.-ekonom.; KARPUSHENKO, A.I., agr.-ekon. [deceased]; POSMITNYY, V.M., ekonom.; PANCHENKO, Ya.I., agr.-ekonom.; KVACHEV, V.M., agr.-ekonom.; SOBOLENKO, V.S.; KRAVTSOV, D.S., agronom.; LYSOV, V.F., ekonom.; SHLYAKHTIN, V.I., kand. ekon. nauk; TSYBUL'KO, F.Ye.; ORIKHOVSKIY, I.G., agr.-ekonom.; TATUREVICH, N.M., agr.-ekonom.; GARMASH, I.I.; NOSACHENKO, V.F., inzh.-ekonom.; MUKHJISULLIN, Sh.M., agr.-ekonom.; ROZENTSVAYG, A.L., agr.-ekonom.; BERLIN, M.Z., dots.; IVANOV, K.I., agr.-ekonom.; SILIN, A.G., ekonom.; LIKHOT, I.K.; CHANOV, G.I., kand. ekon. nauk; MIKHAYLOV, M.V., kand. ekon. nauk; GORELIK, L.Ya., red.

[Planning and economical operation on collective farms]
Planirovanie i rezhim ekonomii v kolkhozakh. Moskva,
Ekonomika, 1965. 258 p. (MIRA 18:5)

1. Zaveduyushchiy otdelom ekonomiki i organizatsii kol-
khoznoogo proizvodstva Nauchno-issledovatel'skogo insti-
tuta ekonomiki sel'skogo khozyaystva Litovskoy SSR (for
Martinenas). 2. Zaveduyushchiy otdelom Stavropol'skogo
krayevogo komiteta KPSS (for Likhot).

KVACHEV, Ya.

Programmed instruction in the schools of White Russia. Prof.-
tekh. obr. 22 no.10:22-23 0 '65. (MIRA 18:10)

1. Zaveduyushchiy laboratoriyey Nauchno-metodicheskogo kabineta
Ministerstva vyashego, srednego spetsial'nogo i professional'nogo
obrazovaniya BSSR.

AUTHORS: Kvachev, V.N. and Loboda, S.I. (Engineers) 100-4-12/16

TITLE: Mechanism for the prestressing of reinforcement of uniform profile by hydraulic method. (Ustanovka dlya uprochneniya armatury periodicheskogo profilya s gidravlicheskim privodom).

PERIODICAL: "Mekhanizatsiya Stroitel'stva" (Mechanisation of Construction), 1957, Vol.14, No.4, pp.26-27 (USSR).

ABSTRACT: This mechanism for tensioning of the reinforcement allows the operator to observe the progress of tensioning and the cessation of the cold flow of steel. The process is discontinued automatically when the predetermined stress is reached. The apparatus consists of rolled steel joists which form the base, which has fixed to one side adjustable anchors and to the other side a hydraulic cylinder with a detachable gripping mechanism. The latter comprises a base plate, 170 x 190 x 14 mm, with a 60 mm aperture, in which the body of the mechanism is fixed. The gripping cones are made of steel Mark Y-7. The hydraulic cylinder A-183 is used; it operates at a pressure of 40 to 50 kg/cm². The hydraulic action is brought into play through a suction unit which consists of: a hydraulic pump, J1Φ12, which is identical to the one used in the excavator Э-505, an oil

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Mechanism for the prestressing of reinforcement of uniform profile by hydraulic method. (Cont.) 100-4-12/16
tank, an hydraulic distributor similar to the one used for the automatic loader JBA-4000. A diagram of tensioning of steel Mark Ct.5 shows that the cold flow ceases when a 2 to 2.5% elongation has been reached and further elongation takes place by increased tensioning. The hydraulic cylinder allows tensioning up to a length of 60 mm (original length of the bar = 11 m) which corresponds to 5.5% of the original length. Steel rods Mark Ct.5 and 25ГC with a diameter of up to 18 mm were tensioned. The capacity is 70 to 80 rods per hour. This work is carried out by one operative. The weight of the apparatus is 600 kg. The following points are criticised: bulkiness, complicated design, unreliable control of tensioning and the early wear of the screw adjustment.

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There are 3 figures.

AVAILABLE:

KVACHEVA, A. I.

Bearings (Machinery)

Controlling surface finish of bearing parts. Podshipnik No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 19~~52~~², Uncl.

KVACHEVA, A. I., (Engr)

Dissertation: "Investigation of the Influence of Technological Factors on the Quality of Spherical Surfaces of a Roller Bearing." Cand Tech Sci, Moscow Automotive Mechanics Inst, 14 May 54. Vechernyaya Moskva, Moscow, 5 May 54.

SO: SUN 284, 26 Nov 1954

17-000000
KVACHEVA, A.I., inzhener

Effect of the techniques of finishing operations on the quality of ball-bearing contact surfaces. [Izd.] LONITOMASH no.34:144-154 '54. (MLRA 8:10)

1. Eksperimental'nyy nauchno-issledovatel'skiy institut podshipnikovoy promyshlennosti
(Surfaces (Technology))

KVACHEVA, A.I., kand. tekhn. nauk; DRUGHAK, N.D., inzh.

New method for determining the surface microgeometry. Vest. mash.
38 no.3:54-55 Mr '58. (MIRA 11:2)
(Surfaces (Technology)--Testing)

KVACHEVA, A.I.; KUZNETSOV, S.D.; TUROVSKIY, E.M.

Measuring the roughness of curvilinear surfaces. Izv. tekhn.
no.8:23-24 Ag '63. (MIRA 16:10)

KVACHEVA, A.I., kand.tekhn.nauk; D'YAKOVA, A.G., inzh.

Establishing norms for the waviness of rolling surfaces of ball
bearings. Vest.mashinostr. 43 no.5:30-32 My '63. (MIRA 16:5)
(Ball bearings)

KVACHEVSKAYA, A.I.

Use of various antigens in the diagnosis of candidiasis.
Vest. dermat. i ven. 38 no.10:41-48 O '64.

(MIRA 18:7)

1. Mikologicheskaya laboratoriya (zav. - prof. P.N. Kashkin)
Leningradskogo ordena Lenina instituta usovershenstvovaniya
vrachey imeni S.M. Kirova.

SADOKOVA, Ye.A.; KVACHEVSKAYA, A.I.

Significance of serological reactions and allergy tests in the
diagnosis of candidiasis. Zhur. mikrobiol., epid. i immun. 42 no.8:
147 Ag '65. (MIRA 18:9)

1. Institut usovershenstvovaniya vrachey imeni Kirova, Leningrad.

AUTHOR: Kvachko, M. Ya 43-58-13-8/13

TITLE: Measurable Mappings of Spaces (Izmerimyye otobrazheniya prostranstv)

PERIODICAL: Vestnik Leningradskogo universiteta, Seriya matematiki, mekhaniki i astronomii, 1958, Nr 13(3), pp 87-101 (USSR)

ABSTRACT: The paper consists of two paragraphs. In the first paragraph the author generalizes well-known theorems of Yegorov and Luzin to the case of measurable mappings:

Theorem (Yegorov): Let R_1 be a space with a finite measure m and let $f_n(x)$, $n=1,2,\dots$, be a sequence of measurable mappings of R_1 into a metric space R_2 with a countable base. Let the sequence $f_n(x)$ converge almost everywhere to the measurable mapping $f(x)$. Then for every $\epsilon > 0$ there exists a subset Q of R_1 with the property that $m(R_1 - Q) < \epsilon$ and the sequence $f_n(x)$ converges uniformly to $f(x)$ on Q .

Theorem (Luzin): Let R_1 be a D-space (see Aleksandrov, A.D. [Ref 1]) with the measure m which can be represented as a sum of countably many sets E with a finite $m(E)$. Let R_2 be a metric space with a

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countable base. In order that the mapping $f(x)$ of R_1 into R_2 is measurable it is necessary and sufficient that for every $\epsilon > 0$ there exists a closed set $F \subset R_1$ so that $f(x)$ is continuous on F and $m(R_1 - F) < \epsilon$.

In the second paragraph the author considers the convergence of the mappings with respect to the measure and the weak convergence of the measures. Two theorems proved for continuous mappings by A.D. Aleksandrov [Ref 1] are proved for measurable mappings. The case where R_1 and R_2 are locally compact metric spaces with a countable base is considered separately. Let $\mu(E)$ be a measure in R_1 . Let $f(x)$ be a measurable mapping of R_1 into R_2 and let φ_f be the mapping of R_1 into the topological product $R_1 \times R_2$, where $\varphi_f(x) = (x, f(x))$. Furthermore let $E \subset R_1 \times R_2$ and $\mu_f(E) = \mu[\varphi_f^{-1}(E)]$. It holds $f_n(x) \rightarrow f(x)$ with respect to the measure then and only then if $\mu_n(E)$ converges weakly to $\mu_f(E)$.

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Measurable Mappings of Spaces

43-58-13-8/13

A further proof of the theorem of Luzin is given with the aid of the mapping $\varphi_f(x)$ and with the aid of the properties of additive set-functions. There are 3 references, 1 of which is Soviet, 1 Hungarian and 1 German.

SUBMITTED: April 1, 1957

1. Conformal mapping--Theory
2. Topology
3. Functions

Card 3/3

KVACHKO, M.Ye., Cand Phys Math Sci -- (diss) "Additive
functions of numbers and measurable images." Len, 1959,
9 pp (Len Order of Lenin State Univ im A.A. Zhdanov)
150 copies (KL, 35-59, 111)

- 6 -

KVACHKO, M.Ye.

Some properties of weakly and strongly converging sequences
of completely additive set functions. Izv. AN Kazakh. SSR.
Ser. mat. i mekh. no.10:60-69 '62. (MIRA 15:9)
(Sequences (Mathematics)) (Aggregates)

KVACHKO, M. Ye.

Extending the function of a set. Izv. vys. ucheb. zav.; mat.
no.1:158 '62. (MIRA 15:1)

(Aggregates)

KVACHKO, M.Ye. (Alma-Ata)

Extended function of a set. Izv. vys. ucheb. zav.; mat no.4:61-66
'63. (MIRA 16:10)

KVACHKOV, R., inzh.; STOICHEVA, R., inzh.

Electrodeposition of the 1X18X9-type iron-chromium-nickel alloy.
Mashinostroene 13 no.4:27-29 Ap '64.

MACIUK, P.

Physical training for tankmen. No 8.

Tankist, No 12, 1948.

KVAKAN, PAUL

Kvakan, Paul. Trave, poznavenje krmnih trava i proizvodnje travnog sjemena. 2. popunjeno izd. Zagreb. Poljoprivredni nakladni zavod(1952) 294p. (Strucna poljoprivredna knjiznica, sv. br. 8) (Grasses; knowledge of forage grasses and production of their seed. Illus, bibl., index)

SO: East European, LC, Vol. 2, No12, Dec. 1953

KVAKIN, S.D.

Corrosion of stainless and carbon steel in H_2SO_4 solutions of low concentration. Zhur. prikl. khim. 34 no.5:1164-1166 My '61.
(MIRA 16:8)

1. Rostovskiy-na-Donu institut inzhenerov zheleznodorozhnogo transporta.

(Steel—Corrosion)

KVAKIN, S.D., inzh.; KUBANOV, A.T., inzh.; KHAPAYEV, V.M., inzh.

Steam corrosion of steel used in the manufacture of boiler turbines
in the presence of the products of decomposition of sodium sulfite.
Trudy RIIZHT no.46:36-41 '63. (MIRA 18:1)

L 15626-65 EWT(m)/FCS(b)/EMA(d)/ENP(t)/ENP(b) ASD-3/AFTC/DIAAP/SSD/AFWL/AFTC(p)/
ASD(m)-3 JD/WB
ACCESSION NR: AR3010291 S/0081/63/000/012/0424/0424

SOURCE: RZh. Khimiya, Abs. 12K147 B

AUTHOR: Tatarinov, B. P.; Kvakin, S. D.

TITLE: Investigation of corrosion with the aid of radioactive isotopes 14 18

CITED SOURCE: Tr. Vses. mezhvuz. nauchn. konferentsii po vopr. bor'by s korroziyey. M., Gostoptekhnizdat, 1962, 79-84

TOPIC TAGS: corrosion, radioactive isotope, corrosion test

TRANSLATION: A method has been developed for using radioactive isotopes for the study of corrosion. The method speeds up the performance of corrosion tests by 5 to 10 times. A simple means is proposed to activate the surface of the samples to be used in corrosion tests, which can be carried out in solution as well as in gaseous media. It is demonstrated that it is possible to predict the development of a corrosion process by a short term test.

SUB CODE: MM, IC ENCL: 00
Card 1/1

KVAKIN, S.D., inzh.

Using the method of activated samples in the investigation of the
inhibitors of low-temperature corrosion. Trudy RIIZHT no.46:42-52
'64. (MIRA 18:1)

KVAKINA, Ye.B.

Inhibiting action of synestrol on experimental ovarian tumors.
Akush. i gin. 40 no.4:19-21 J1-Ag '64. (MIRA 18:4)

1. Eksperimental'nyy otdel (nauchnyy rukovoditel' - prof. M.A. Ukolova) Nauchno-issledovatel'skogo instituta rentgenologii radiologii i onkologii (dir. - kand. med. nauk A.K.Pankov) Ministerstva zdravookhraneniya RSFSR, Rostov-na-Donu.

KVALIASHVILI, A. A., Prof.; SEMENSKAYA, Ye. M., Prof.; TOFURINA, Sh. R., Prof.;
TSVERAVA, Ye. N., Prof. and ZHGENII, V. K., Prof.

"The Clinical Aspects and Therapy of Radiation Sickness" a report presented at
the Transcaucasian Radiological Conference, Tbilisi, 28-31 Oct 55.

Sum. No. 1047, 31 Aug 56

KVALIASHVILI, A.^{A.} ZHENTI, V. (Prof), YE., SAMENSKAYA, (Prof), TOPURIYA, SH. and
TSVERAVE, YE.

"The Clinic and Treatment of Radiation Disease" a paper presented at the
Transcaucasian Radiological Conference, Nov. 55.

TI-166004

ZHGENTI, B.K.; KYALIASHVILI, A.A.; SEMENSKAYA, Ye.M.; TOPURIYA, Sh.R.;
TSVERAVA, Ye.N.

Clinical aspects and therapy of radiation illness. Soob. AN Grus.
SSR 16 no.7:565-570 '55. (MIRA 9:2)

1. Deystvitel'nyy chlen AN Gruzinskoy SSR (for Zhgenti). 2. Akademiya
nauk Gruzinskoy SSR, Institut eksperimental'noy i klinicheskoy
khirurgii i gematologii, Nauchno-issledovatel'skiy institut pere-
livaniya krovi GSSR i Tbilisskiy gosudarstvennyy meditsinskiy
institut.

(Radiation--Toxicology)

KVALIASHVILI, A.A.

USSR / Human and Animal Physiology. Internal Se- T
cretion.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22419.

Author : ~~Kvaliashvili, A.A.~~, Georgadze, k. L.
Inst : Not given.
Title : The Application of Radioactive Iodine in the
Therapy of Thyrotoxicosis.

Orig Pub: Sabchota meditsina, 1957, No 3, 22-23.

Abstract: No abstract.

Card 1/1

USSR/Human and Animal Physiology (Normal and Pathological) T
Digestion. The Stomach.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26631

Author : Kvaliashvili, A.A., Gulisashvili, L.G.

Inst : Tbilisi Medical Institute

Title : Motor-Evacuatory Function of the Stomach in Healthy
Humans.

Orig Pub : Tr. Tbilissk. med. in-t, 1957, 15, 146-149

Abstract : No abstract.

Card 1/1

KVALIASHVILI, A.A.

Sexual maturation and the bone system. Soob.AN Gruz.SSR 18
no.3:357-361 Mr '57. (MIRA 10:7)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut, Kafedra
rentgenologii i radiologii. Predstavleno akademikom A.N.Natishvili.
(GIRLS) (BONES)

KVALIASHVILI, A.A.; RUKHADZE, A.K.; GEORGADZE, K.L.; GYREADZE, B.R.

Using radioactive iodine (I-131) in the diagnosis of brain tumors.
Soob. AN Gruz. SSR 19 no.3:363-367 S '57. (MIRA 11:5)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut. Predstavleno
akademikom K.D. Eristavi.
(BRAIN--TUMORS) (IODINE--ISOTOPES)

ZURABASHVILI, A.D., akademik; KYALASHVILI, A.A.; SEMENSKAYA, Ye. M.;
HANEYSHVILI, B.R.; SHANIDZE, V.S.; KANDELAKI, K.I.; MACHABELI,
M.I.; TORDIYA, M.V.

Effect produced on the organism by nonpenetrating cranial traumas
combined with radiation injury. Soob. AN Gruz. SSR 20 no. 4:497-
504 Ap '58. (MIRA 11:7)

1. AN GruzSSR (for Zurabashvili). 2. Tbilisskiy gosudarstvennyy
meditsinskiy institut.

(BRAIN CONCUSSION)
(X RAYS--PHYSIOLOGICAL EFFECTS)

KVALIASHVILI, A.A.; CHEKREULI, Ye.I.; GEORGADZE, G.Ye.; ABAKELIYA, TS.I.

Effect of hibernation on radiation sickness in the Transcaucasian hamster. Soob. AN Gruz.SSR 20 no.5:601-607 My '58. (MIRA 11:10)

1. AN GruzSSR, Institut eksperimental'noy i klinicheskoy khirurgii i gematologii, Tbilisi. Predstavleno akademikom K.D.Eristavi.
(HIBERNATION) (HAMSTERS) (RADIATION SICKNESS)

~~KVALIASHVILI, A.A.~~ prof.; GIORGADZE, K.L., kand.med.nauk

Activities of the Tiflis Society of Roentgenologists and
Radiologists. Vest. rent. i rad. 35 no. 4:74-75 JI-Ag '60.
(MIRA 14:2)

1. Predsedatel' pravleniya Tbilisskogo nauchnogo obshchestva
rentgenologov i radiologov (for Kvaliashvili). 2. Sekretar'
pravleniya Tbilisskogo nauchnogo obshchestva rentgenologov i
radiologov (for Giorgadze).

(TIFLIS--RADIOLOGICAL SOCIETIES)

KVALIASHVILI, A.A.

Timely discovery of stomach cancer. Soob. IN Gruz. S&R
31 no. 2: 71-74 Ag '63. (LIRA 17:7)

KVALIASHVILI, A.A.; MAMAMTAVRISHVILI, D.G.; TATISHVILI, M.V.

Spontaneous regression of giant cell tumors of long bones.
Khirurgia 40 no.5:115-119 My '64. (MIRA 18:2)

1. Kafedra rentgenologii i radiologii Tbilisskogo meditsinskogo instituta (zav.- prof. A.A. Kvaliashvili) i vtoraya kafedra khirugii Tbilisskogo instituta usovershenstvovaniya vrachey (zav.- prof. D.G. Mamamtavrishvili).

KVALIASHVILI, G. A.

15-57-2-1285

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,
p 12 (USSR)

AUTHOR: Kvaliashvili, G. A.

TITLE: Stratigraphy of the Guria Horizon in Guria (K strati-
grafii guriyskogo gorizonta Gurii)

PERIODICAL: Soobshch. AN GruzSSR, 1954, Vol 15, Nr 10, pp 671-678

ABSTRACT: There is, without a doubt, a connection between the faunas of the Kuyal'nitskiy stage and the Guria horizon, but the fossils which would connect the typical Guria molluscs with their Kuyal'nitskiy ancestors are not known. On the southern limb of the Zemo-Natanebskaya anticline the outcrops of the Guria strata are separated from the outcrops of the Kuyal'nitskiy strata by a soil layer. The former is slightly inclined (8° dip), and the Kuyal'nitskiy strata plunge dip (at the angle of 50° to 55°), thus forming an unconformity. In a series of the Guria deposits (over 2 m thick) the upper part (0.38 m) contains Submonodacna pseudomultistriata David.

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Stratigraphy of the Guria Horizon (Cont.)

15-57-2-1285

and forms closely related to "Diadacna" tschadae Andrus. The strata composing this part of the series are termed, cumulatively, "transitional". The strata with Submonodacha pseudo-multistriata (over 50 to 60 m) are also found near axial zone of the Tsiyagubanskaya syncline. In the neighborhood of Archeuli, Baglebi, Ninoshvili, Nigvziyani and others, the Guria strata dip under the layers of the "transitional" horizon. In these layers, the presence of fossils lying between the Guria and the Chauda strata establishes the developmental succession of the Chauda fauna from the Guria and shows that the formation of the basic Chauda elements started as early as the Guria time. The salinity of the Guria and the Chauda basins was close to that of the Caspian Sea, and essentially lower than the salinity of the recent Black Sea.

Card 2/2

A. G. E.