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#606

Tensina, I. I

To

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENSINA, I. I.

16067

USSR/Geographic Regional Studies 5108.0100 1947
Topography 6203.0100

"Geography of Populated Points in the Vetluga River Area," I. I. Tensina, 40 pp

"Voprosy Geografii" Fifth Symposium

Presents history of colonization and change in geography of population from 1859 through 1941. Describes contemporary types of settlement. Gives details of Yarano-Kokshayskaya lowlands, Yaran, Pizhem, Sanchur, Sharang Tonkin, Kiknur, Yoshkar-Olin, Ureno-Shakhun Kray, Uren, Shakhun, and Tonshayev settlements. Treats in detail area to left of confluence of Vetluga and Volga Rivers. Mentions additional settlements and area to right bank of Vetluga River.

LC 16067

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENSINA, I. I.

TENSINA, I. I. - "Geography of Populations of Localities in Meshchery." Sub 3 Nov 52, Moscow State Pedagogical Inst imeni V. I. Lenin. (Dissertation for the Degree of Candidate in Geographical Sciences).

SO: Vechernaya Moskva January-December 1952

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

KOVALEV, S.A.; TEMISINA, I.I.

Maps of the distribution of labor resources and labor expenditures of a collective farm. Geog. i khoz. no.1:12-17 '58. (MIRA 12:1)

(Farm management)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

14(3)

SOV/176-58-7-11/17

AUTHORS: Yefremov, M., Lieutenant Colonel; Radik, I., First Lieutenant; Tenson, Kh. and Reynik, Ya.

TITLE: Fittings for the Assembly of Corrugated Steel Parts (Prisposobleniya dlya sborki konstruktsiy iz elementov volnistoy stali)

PERIODICAL: Voyenno-inzhenernyy zhurnal, 1958, Nr 7, pp 30-32(USSR)

102-

ABSTRACT: The authors describe the tightening and supporting devices used in tightening parts of steel material used in the construction of shelters. Sergeant D.A. Zaytsev of Moscow Military District proposed a lever of 20-25 mm in diameter, at one end of which are 5 lugs (1 on top and 4 below) with an adjustable nut on top about 10 mm.in diameter intended to catch the edge of the opposing element (a steel plate). This device is shown in a drawing (Figure 1). Similar devices were invented and used by other units (not stated) (Figures 2 and 3). There are 5 sets of diagrams.

Card 1/1

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

RADU, Vasile Gh.; ROGOJANU, Victor; GRECEA, Alexandrina; TENT-DAN, Florica

Dynamics of soil coleopteral larvae depending upon the nature of soil and vegetation. Studii cerc biol ania 14 no.1:65-78 '62.

1. Membru corespondent al Academiei R.P.R., si membru al Comitetului de redactie, "Studii si cercetari de biologie; Seria biologia animala (for Radu).

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTEL'BAUM, F. M.; MARKOVA, A. A.; KHRUSHCHEVA, V. A.; KUDASOVA, M. S.; SEMENOVA, Z. P.

"Work experience of a diagnostic hospital for children suspected of having diptheria."

Report submitted at the 13th All-Union Congress of Hygienists, epidemiologists and Infectionists. 1959

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

MANOYLOV, V.Ye., doktor tekhn.nauk; GLAZENAP, M.S., kand.tekhn.nauk; TENTER, Yu.K., inzh.

Investigation of injuries from electricity. Prom. energ. 18 no.9: 7-11 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

FIL'KO, A.S.; KHULUGUROV, M.N.; TENTILOV, S.S.

Method of studying stockwork deposits in the Dzhidinskiy ore field. Sov. geol. 4 no.3:44-55 Mr '61. (MIRA 14:5)

1. Dzhidinskaya geologicheskaya ekspeditsiya.
(Ores--Sampling and estimation)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

FIL'KO, A.S.; TENTILOV, S.S.

Analyzing the pattern arrangement of a test area in a molybedenum deposit. Razved. i okh. nedr 27 no.2:27-32 F '61. (MIRA 14:5)

1. Dzhidinskaya geologicheskaya ekspeditsiya.
(Prospecting)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTLER, L.N., inzh.

Towers made of aluminum alloys. Mont. i spets. rab. v stroi. 23 no.10:30-31 O '61. (MIRA 14:10)

1. Leningradskoye otdeleniye Proyektstal'konstruktsiya.
(Aluminum alloys) (Towers)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTLER, L.N., inzh.

Design of aluminum hinged walls and casements. Mont. i spets. rab. v stroi. 24 no.4:28-30 Ap '62. (MIRA 15:7)
(Architecture—Details) (Aluminum alloys)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTLER, L.N., inzh.

Three-dimensional aluminum sheet elements. Mont. i spets. rab. v stroi. 24 no.8:23-30 Ag '62. (MIRA 15:8)
(Plates, Aluminum) (Roofing)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

LYSOV, A.I., kand. tekhn. nauk; DAIDBEKOV, S.D., kand. tekhn. nauk; TENTLER, N.I., inzh., ved. konstruktor; SHISTER, G.M., red.; GANKINA, R.G., tekhn. red.

[Album of standard plans (ATR-1-61) for renovating roofs under nonmetallic roofing]Al'bom tipovykh reshenii po rekonstruktsii krysh pod nemetallicheskie krovli (ATR-1-61). Moskva, 1962. 74 p. (MIRA 16:3)

1. Akademiya kommunal'nogo khozyaystva. Leningradskiy nauchno-issledovatel'skiy institut.
(Roofs--Maintenance and repair)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSER, Ye. M.

Raising technical standards and increasing labor productivity.
Avt. dor. 23 no.4·17-18 Ap '60. (MIRA 13:6)
(Road machinery) (Road materials)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSER, Ye.M., inzh.

Tank cars are needed for the transportation of petroleum asphalt. Avt.dor. 25 no.7:32 Jl '62. (MIRA 15:8)
(Petroleum--Transportation)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

1054. TREATMENT OF LEUCOPLAKIA IN THE ORAL CAVITY WITH CONTACT X-RAY THERAPY (Bulgarian text) - Tentshov G. and Andreev V1. - SAVR. MED. 1958, 9/2 (42-48) Tables 3 Illus. 4

A report of 17 cases of leucoplakia of the oral cavity treated with contact X-ray therapy. The doses used varied between 5,000 and 8,000 r. All patients recovered. It is believed that contact X-ray therapy should be the method of choice in the treatment of leucoplakia. (XIV, 5, 16)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSOVA, A.I.

Pressing tasks of the secondary pharmaceutical school. Apt.delo 3 no.1:26-29 Ja-F '54. (MLRA 7:1)

(Pharmacy--Study and teaching)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSOVA, A.I.

"Course in pharmaceutical chemistry." P.L.Senov. Reviewed by A.I. Tentsova. Apt. delo 3 no.5:60-62 S-O '54. (MLRA 7:12)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)
(SENOV, P.L.)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

Tentsova, A.I.

GINZBURG, G.R., kandidat meditsinskikh nauk (Moskva)

"Intermediate medical education." A.I. Tentsova. Reviewed by G.R. Ginzburg. Fel'd. i akush.no.1:59 Ja '56 (MLRA 9:4)

(MEDICAL SERVICE EMPLOYEES--EDUCATION AND TRAINING)
(TENTSOVA, A.I.)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TEMTSOVA, A.I.; VOLKOVA, G.Ye.

Raise the level of training of sub professional pharmaceutical personnel. Apt.delo 8 no.4:27-30 Jl-Ag '59. (MIRA 12:10)
(PHARMACY--STUDY AND TEACHING)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSOVA, A.I.; PROZOROVSKIY, A.S.

Determining extractives in plant materials [with summary in English]. Apt.delo 8 no.1:61-64 Ja-F '59. (MIRA 12:2)

1. Iz kafedry tekhnologii lekarstvennykh form i galenovykh preparatov (zav. - dots. A.S. Prozorovskiy) Moskovskogo farmatsevticheskogo instituta.

(EXTRACTS)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSOVA, A.I.

Present status of the problem of corrigent substances. Report no. 1. Apt. delo 9 no. 4:68-75 Jl-Ag '60. (MIRA 13:8)

1. Kafedra tekhnologii lekarstv i galenovykh preparatov I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova (ispolr. obyazan. zav. - dotsent Yu.A. Blagovidova).
(PHARMACY)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

BLAGOVIDOVA, Yu.A.; TENTSOVA, A.I.

Pharmaceutical suspensions. Apt. delo 10 no.6:64-72 N-D '61. (MIRA 15:2)

(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTSOVA, A.I.

Use of high molecular compounds for the preparation of [illegible]. Apt. delo 11 no.4:15-21 Jl-Ag '62.

(MIRA 17:11)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TEMTSOVA, A.I. (Moskva)

More consideration should be given to pharmaceutical correspondence courses. Apt. delo 13 no.4:54-57 Jl-Ag '64. (MIRA 18:3)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

Tentulescu, D. ; Ionescu, J.

Observations on the action of certain ordinary silicate meltings on refrectory materials used in the glass industry. p. 215.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania. Vol. 3 , No. 3/4, 1958 .

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 1, Jan 1960.

Uncl.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

RUMANIA / Chemical Technology. Chemical Products and Their Applications. Glass. H

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12583.

Author : Tentulescu, D.; Tentulescu, L.; Cricoveanu, M.
Inst : Not given.
Title : Study of Melting of Slags and Rocks in Continuous Process Furnaces for the Production of Slag Cotton.

Orig Pub: Rev. constructiilor sci mater. constr., 1958, 10, No 5, 280-206.

Abstract: Results of activities in substituting a continuously-operating furnace for a cupola furnace in the production of slag cotton are described. -- From the authors' resume.

Card 1/1

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTULESCU, D., ing.; POPOVICI, El., ing.; MUSAT, M., ing.

Influence of the composition on the chemical resistance of industrial glass. Bul cerc constr sistemat no.2:157-166 '62.

1. Institutul de cercetari in constructii si economia constructiilor.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTULESCU, Dumitru, ing.; GOLDENBERG, Ida, ing.; POPESCU, Chiril, ing.
TANASESCU, Florin, ing.

Glass masses for high tension insulators. Electrotehnica 10 no.5:168-174 My '62.

1. Seful sectiei de sticla la Institutul de cercetari in constructii si economia constructiilor (for Tentulescu). 2. Sef de laborator la Institutul de cercetari in constructii si economia constructiilor (for Goldenberg). 3. Cercetator principal la Institutul de Cercetari Electrotehnice (for Popescu). 4. Cercetator la Institutul de Cercetari Electrotehnice (for Tanasescu).

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTULESCU, Dumitru, ing.

Glass beads for reflecting traffic lights. Industria usoara 10 no.9:390-393 S '63.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

POPESCU, Chiril, ing.; TANASESCU, Florin, ing.; TENTULESCU, D., ing.; GOLDENBERG, Ida, ing.

Studies on the manufacturing of hardened glass suspension insulators in Rumania. Electrotehnica 11 no.1:14-23 Ja '63.

1. Cercetatori principali la Institutul de Cercetari Electrotehnice (for Popescu, Tanasescu). 2. Sef de sectie la Institutul de Proiectari si Cercetari Stiintifice pentru Constructii si Materiale de Constructii (for Tentulescu).

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

BUTUCESCU, D., ing.; ZATREANU, A., ing.; TENTULESCU, D., ing.; RUSU, L., ing.; BALCANY, A., chimist; BOLCHI, F., ing.

Improvement of the quality of the Aghiresu sands for utilization in the glass industry. Rev min 15 no.11:576-581 N '64.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

RUMANIA / Chemical Technology. Chemical Products and Their Applications. Glass. H

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12583.

Author : Tentulescu, D.; Tentulescu, L.; Cricoveanu, M.
Inst : Not given.
Title : Study of Melting of Slags and Rocks in Continuous Process Furnaces for the Production of Slag Cotton.

Orig Pub: Rev. constructiilor sci mater. constr., 1958, 10, No 5, 280-206.

Abstract: Results of activities in substituting a continuously-operating furnace for a cupola furnace in the production of slag cotton are described. -- From the authors' resume.

Card 1/1

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

RUMANIA / Chemical Technology, Chemical Products and Their Application, Part 2. - Ceramics, Glass, Binders, Concretes. - Glass. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61713.

Author : Tentulescu, P. Popovici, M. Musat.
Inst : Not given.
Title : Fluorine Losses at Melting of Glasses Damped With Fluorides.

Orig Pub: Ind. constructiilor si mater. constr., 1957, No 9, 520 - 522.

Abstract: F losses at the melting of 6 glasses, in which CaO of the initial glass of the composition (by weight) SiO_2 - 66.3%, Al_2O_3 - 5.7%, CaO - 7% and Na_2O - 21% was partially or completely replaced with ZnO, PbO and BaO, were studied. An additional amount of Al_2O_3 was introduced instead of some SiO_2 in some cases. F was added as cry-

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

RUMANIA / Chemical Technology, Chemical Products and Their Application, Part 2. - Ceramics, Glass, Binders, Concretes. - Glass. H

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61713.

Abstract: the difference between the refraction indices of glass and NaF, in consequence of which glass of that kind is distinguished by a stronger opalescent property.

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTYUKOVA, G. N.

AUTHOR: Prokoshkin, Yu. D. and Tentyukova, G. N. 120-2-4/37

TITLE: Investigation of the energy spectrum of protons of the internal beam of a phasotron. (Issledovaniye Energeticheskogo Spektra Protonov Vnutrennego Puchka Fazotrona.)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1957, No.2, pp. 18 - 22 (USSR).

ABSTRACT: The amplitude of radial oscillations in cyclo- and phasotrons is considerable and the internal beams are therefore not monoenergetic. The mean energy spread for particles at the inner target of the phasotron may be of the order of tens of Mev and the theoretical evaluation of the particle energy spread can be obtained in a very rough approximation only. In experiments which use the internal beam, the accuracy is very low, owing to the absence of any date on the spectrum of bombarding particles. At energies at which the cross-sections for reactions change very rapidly (meson formation near the threshold etc.) measurements become impracticable if the energy spectrum is not known. A method is therefore needed which permits experimental determination of the energy spectrum of the internal beam. Such a method has been suggested by Prokoshkin (Ref. 1) and is discussed

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Investigation of the energy spectrum of protons of the internal beam of a phasotron. 120-2-4/37

in the present article. The experimental arrangement permitting the measurement of energy particle distribution is shown schematically in Figure 1. It consists of a system of equally spaced vertical metal wires in the plane perpendicular to the direction of the beam. The beam particles, when accelerated, are displaced towards the target and energise the wires when passing through them. The process goes on until the particles leave the beam on reaching the target. The degree of activation of the wires (which are made very thin so as not to induce appreciable distortion in the beam) varies according to the distance from the target and depends on the value of the free radial particle oscillations a . The activation of the wires induced by the protons, assuming the active cross-section to be constant, (Refs. 2, 3, 4), is given by equation 3 where $\varphi(x,a,\overline{\Delta r})$ is the distribution function of the number of collisions of the particle with the wire for a given $\overline{\Delta r}$, $\overline{\Delta r}$ is the mean increase of the radius per revolution, x is the distance between the given wire and the target. F(a) is the function characterising the amplitude distribution

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Investigation of the energy spectrum of protons of the internal beam of a phasotron. 120-2-4/37

of free radial oscillations of the particles, a is the amplitude of above oscillations. J(x) is the wire activity induced by the protons. Further transformation of the function F(a) into the energy spectrum $F(\Delta E_p)$, where E_p is the proton energy, presents no difficulties provided the topography of the magnetic field of the accelerator is known. The procedure of measurement of the particle energy spectrum is thus reduced to the experimental comparison of the activity induced in wires placed at various distances from the target, which is possible if the function $\varphi(x,a,\overline{\Delta r})$ of equation 3 is known. The collision distribution function is determined starting with the equation for the radial movement of the beam as given in equation 4, which can be reduced to a dimensionless equation 5. In the case of a phasotron ($\overline{\Delta r}$ very large) it can be assumed that particle trajectories are a family of trochoids. An expression is obtained for the collision distribution function (equation 7). Experiments were carried out at the phasotron of the Joint Institute of Nuclear Research. (Ob'edinennyi Institut Yadernykh Issledovanniy). The proton energy

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at the target was chosen to be 400, 550 and 650 MeV. The distance of the wire system from the centre of the accelerator was varied. The activity of the threads was measured, in standard geometry, by means of a group of proportional counters. The values for J(x) were found to be constant for the three values of protons energy (within the experimental error of 3%). A plot of J(x) vs. x is given in figure 5. The conditions for the validity of equation 3 are discussed, and the effect of the wire diameter and of the material on experimental results is also investigated. It is shown to be negligible. Finally, from equations 4 - 7 and from the obtained data on the activation J(x), the energy distribution and the distribution of amplitudes of the free radial vibrations of the particles are evaluated for the internal proton beam and are plotted in figure 7 for the following values of parameters:

$$\overline{\Delta r} = 2 \times 10^{-3}_{cm} \; ; \; n = 0.05 \div .1$$

(n is the mean number of collisions of particles having amplitude a). The mean proton energy spread obtained was

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

. Investigation of the energy spectrum of protons of the internal beam of a phasotron. 120-2-4/37

$\overline{\Delta E_p}$ = (12 ± 3)MeV. A diagram of the experimental arrangement and six graphs of theoretical and experimental results are given. The work has been discussed with V. I. Danilov, V. I. Kol'g, and A. A. Tyapkin. There are 4 references, 2 of which are Slavic.

SUBMITTED: October, 27, 1956.

ASSOCIATION: Joint Institute of Nuclear Research. (Ob"yedinennyy Institut Yadernykh Issledovaniy).

AVAILABLE: Library of Congress.

Card 5/5

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENTYUKOVA, G. N.

5

MESON-NUCLEON PHASE SHIFTS OF SCATTERING IN ENERGIES UP TO [illegible]

[illegible] Analytical [illegible] are given on π^+ meson scattering on hydrogen with the assumption that its contribution to scattering in D states is negligibly small [illegible] that the scattering [illegible]

only in S and P states (S-P analysis) and with the assumption that its contribution to D states is considerable (S-P-D analysis). The tables for both S-P and S-P-D analysis and diagrams of the angular distribution of π^+ mesons elastically scattered on hydrogen are presented. (R.V.J.)

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

24 (5)

AUTHORS: Solov'yev, L. D., Tentyukova, G. N. SOV/56-37-3-61/62

TITLE: Numerical Solution of the Statistical Dispersion Relations of the P-Wave of Photoproduction

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 37, Nr 3(9), pp 889 - 890 (USSR)

ABSTRACT: The authors found the exact numerical solutions of the statistical dispersion relations for the P-amplitudes of photoproduction (taken from references 1,2). Work was carried out on the basis of the method of the reduction of linear singular integral equations to regular Fredholm equations (cf. Muskhelishvili, Ref 4), which was suggested by Omnes. Transition from the singular equations to regular ones occurs at the following conditions: The dispersion phases near the threshold and in infinity tend towards zero; the solution of the regular equation is finite and in infinity it has the same value as the solution of the singular one. For the phases the values obtained from the statistical equations of Chew and Low were taken, the solutions of which were obtained by G. and F. Salzman, and which were also computed by Tentyukova on the "Strela" computer. The regular equations for photoproduction were ob-

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Numerical Solution of the Statistical Dispersion Relations of the P-Wave of Photoproduction SOV/56-37-3-61/62

tained by the method of successive approximation on the computor "Ural" at the OIYaI. Some conclusions resulting from the solution are discussed. Thus, it was found among other things that the electric dipole amplitude does not depend in static approximation on the magnetic moments. The results are compared with those of the experiments by using measuring results of the differential cross sections in the range of 160 - 260 Mev (Refs 7,8), $dq(\gamma p \rightarrow \pi^0 p)/d\Omega = A + B \cos\theta + C \cos^2\theta$. In the diagram $C/q^0 q^3 \times 10^4$ is plotted as the ordinate and $E_{\gamma lab}$ as the abscissa; C is measured in the units $(\hbar/\mu_0 c)^2$ and the meson momenta q, in the c.m.s., in the units $\mu_0 c^2$; $q^0 = \sqrt{1 - q^2}$. The curve traced out in full corresponds to the exact solution, the dotted curve to the approximated solution of reference 1, and also the experimental measuring points are plotted (near threshold). It was found that the exact solution describes the measured values much better than the approximated solution, but the curve of the exact solution has a steeper slant than

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Numerical Solution of the Statistical Dispersion Relations of the P-Wave of Photoproduction SOV/56-37-3-61/62

the measured values. The authors finally thank A. A. Logunov, S. V. Fomin, and N. N. Govorun for their interest, A. M. Baldin for discussions and for placing his paper at their disposal before it was published. There are 1 figure and 8 references, 3 of which are Soviet.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: June 29, 1959

Card 3/3

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

83574
S/056/60/038/005/007/050
B006/B070

24.6900

AUTHORS: Zinov, V. G., Korenchenko, S. M., Polumordvinova, N. I., Tentyukova, G. N.

TITLE: Phase Shift Analysis of the Scattering of π Mesons by Hydrogen in the Energy Range 240 - 330 Mev

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960, Vol. 38, No. 5, pp. 1407-1418

TEXT: In the previous paper in this issue (p. 1399), the authors have published the results of (π^-,p) charge-exchange scattering experiments. In the present paper, they give a phase shift analysis using the isotopic spin formalism which depends on the hypothesis of charge independence of the nuclear forces. The formulas are collected in the first part of the paper; in the second part, the method of phase shift analysis is briefly discussed, and the errors are determined. All calculations were performed on the fast electronic computer "Стрела" ("Strela"). The phase shift analysis, taking S and P waves into account (SP analysis), is given in part 3 of the paper. For every value of pion energy, 25 experimental points

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Phase Shift Analysis of the Scattering of π Mesons by Hydrogen in the Energy Range 240-330 Mev

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were used: eight differential elastic (π^+,p) scattering cross sections, seven differential elastic (π^-,p) scattering cross sections, eight differential exchange scattering cross sections, and the two total scattering cross sections of the positive and the negative pions by hydrogen. Part of the experimental data are taken from the work of A. I. Mukhin, Ye. B. Ozerov, B. Pontekorvo, and N. A. Mitin. The phase shift data for 220-Mev pion energies, taken from a work of Ashkin et al., are given in Table 1. Depending on the kind of phase shift sets, the data are collected in seven variants in Tables 3-6 (for pion energies of 240, 270, 307, and 333 Mev). The angular distributions of the negative pions and gamma quanta for elastic and exchange scatterings calculated from the phase shifts, are shown in Figs. 1-4. The solid curves are drawn from the results of calculation from the formula $d\sigma/d\omega = A_0 + A_1P_1(\cos\vartheta) + A_2P_2(\cos\vartheta)$; the broken lines are calculated from the SP analysis. The elements of the error matrix for pion energies of 220, 240, 270, 307, and 333 Mev are collected in Tables 7-11. The phase analysis taking S, P, and D waves into account (SPD analysis) is treated in part 4. The contribution of the D-waves (l=2) is already significant for $E_\pi \sim 300$ Mev. The numerical results of

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83574

Phase Shift Analysis of the Scattering of π Mesons by Hydrogen in the Energy Range 240-330 Mev

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the calculations are given in Tables 12 and 13. The results of the phase shift analysis are compared with those obtained from the dispersion relations in part 5. (The real part of the scattering amplitudes for 0^c are determined as functions of E_π by means of the dispersion relations, see Fig. 6). The authors thank B. Pontekorvo for interest and help; A. I. Mukhin, L. I. Lapidus, S. N. Sokolov, and N. P. Klepikov for discussions; and I. V. Popova and L. A. Chudov for setting up programs for the computer. A. M. Baldin, Vasilevskiy, and Vishnyakov are mentioned. There are 6 figures, 13 tables, and 19 references: 10 Soviet, 7 US, 1 Italian, and 1 CERN.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: November 17, 1959

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

KALANTAROVA, Margarita Valerianovna; KOROBOCHKINA, Z.S., red.; TENYAKOV, A.I., spets. red.; FORMALINA, Ye.A., tekhn. red.

[Technological and chemical specifications for canned fish products] Tekhno-khimicheskie pokazateli rybnykh konservov. Moskva, Vses. nauchno-issled. in-t rybnogo khoz. i okeanografii, 1960. 18 p. (MIRA 14:5)

(Fish, Canned)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

VOSKRESENSKIY, Nikolay Aleksandrovich; YUDITSKAYA, Alla Ivanovna; LEBEDEVA, Tamara Mikhaylovna; ITSKOVICH, V.A., red.; TEMNYAKOV, A.I., spets. red.; FORMALINA, Ye.A., tekhn. red.

[Comparative evaluation of various methods of fish smoking] Sravnitel'naia otsenka razlichnykh sposobov kopcheniia. Moskva, Vses. nauchno-issl. in-t morskogo rybnogo khoziaistva i okeanografii, 1960. 41 p. (MIRA 14:5)
(Fish, Smoked)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

PICHUGIN, A.A., inzh.; TENYAKOV, G.M., inzh.

Using foam for dust control in mines. Bezop.truda v prom. 5 no.7:14-15 Jl '61. (MIRA 14:6)
(Mine dusts--Safety measures)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, G.M., inzh.

Hydraulic cyclone for purifying mine water. Bezop.truda v prom. 5 no.12:20-21 D '61. (Mine 15:1)

(Mine water--Purification)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, P. T. Cand Biol Sci -- (diss) "The Effect of Sulfur Dioxide on the Protein Metabolism in the Animal Organism." Tashkent, 1957. 12 pp 20 cm. (Tashkent State Medical Inst im V. M. Molotov), 200 copies (KL, 26-57, 106)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, P. T.

"Effect of Sulfur Dioxide on Protein Metabolism in the Animal Organism," by P. T. Tenyakov, Trudy Chkalovskogo Meditsinskogo Instituta (Works of Chkalov Medical Institute), 1955, No 4, pp 14-24 (from Referativnyy Zhurnal -- Khimiya, Biologicheskaya Khimiya, No 2, 25 Jan 57, p 70, Abstract No 1715)

"It was shown that in chronic poisoning of rabbits with SO_2 (3 hours daily for a period of 7 weeks, concentration 0.36 - 0.4 mg/l) the total quantity of blood serum proteins increases due to an increase in the amount of globulins and an insignificant decrease in the amount of albumins. These changes are most marked at the end of the first week. At the end of a day after the poisoning the residual nitrogen also increases and the blood urea decreases. In tests on rabbits it has been shown that the amount of residual nitrogen in the muscles increases." (U)

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

USSR/Pharmacology and Toxicology. Toxicology. V

Abs Jour: Ref Zhur-Biol., No 19, 1958, 90010.

Author : Tenyakov, P.T.
Inst : Chkalovskaya Oblast' Division of the All-Union Chemical Society imeni D.I. Mendeleyev.
Title : Effect of Poisoning with Sulfurous Gas on the Oxidative Deamination of Amino Acids in the Animal Organism.

Orig Pub: Vestn. Chkalovskogo obl. otd. Vses. Khim. o-va im. D.I. Mendeleyeva, 1957, vyp. 7, 69-76.

Abstract: Rats were exposed in a chamber for a period of 2 hours/24 hours to the action of sulfurous gas in a concentration of 0.8 mg/l. In the acute experiment, the animals were killed within 24 hours, in the chronic one within 12 days. It was established that in acute

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

V

COUNTRY : USSR
CATEGORY : Pharmacology and Toxicology. Toxicology

ABS. JOUR. : RZhBiol., No. 1 1959, No. 4765

AUTHOR : Lobanova, G. T.; Tenyakov, P. T.
INST. : Chkalov Oblast Branch of All-Union Chemical*
TITLE : Effect of Sulfur Dioxide upon Ascorbic Acid Content in the Blood of Animals

ORIG. PUB. : Vestn. Chkalovskogo obl. otd. Vses. khim. o-va im D.I.Mendeleyeva, 1957, vyp. 7, 85-87

ABSTRACT : Ten rabbits were subjected to the action of SO_2 in a concentration of 0.5 mg/liter for 2 hours daily during a period of 14 days. The content of ascorbic acid (AA) in the blood was determined by the method of Starostina and Soloveychik before the poisoning and 2, 7 and 14 days after the beginning of the experiment. The average content of AA in the blood of the control ani-

*Society im D. I. Mendeleyev

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

COUNTRY :
CATEGORY :

V

ABS. JOUR. : RZhBiol., No. 1 1959, No. 4765

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT cont'd. : mals was 0.54-0.545 mg%. As a result of the action of SO_2, a decrease of AA was observed as follows: after 2 days by 19%, after 7 days by 18% and after 14 days by 27%.-- R. S. Vorob'yeva

CARD: 2/2

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

KUZHMAN, M.I.; SIDORENKOV, I.V.; TENYAKOV, P.T.

Effect of novocaine on oxidative deamination by the kidney tissue of rabbits of different ages. Trudy Oren. otd.Vses. fiziol. ob-va no.2:91-94'60. (MIRA 16:8)

1. Kafedra biokhimii (zav. - prof. I.V.Sidorenkov) Orenburgskogo meditsinskogo instituta.
(NOVOCAINE) (AMINO ACID METABOLISM)
(AGING)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, P.T.

Determination of protein fractions in the blood serum by the refractometric method. Trudy Oren. otd. Vses. fiziol. ob-va no.2:133-135'60. (MIRA 16:8)

1. Kafedra biokhimii (zav. - prof. I.V. Sidorenkov) Orenburgskogo meditsinskogo instituta.
(BLOOD PROTEINS) (REFRACTOMETRY)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TEMYAKOV, P.T.

Effect of novocaine on the content of total proteins and protein fractions in the blood serum and the content of residual nitrogen in the blood of rabbits of different ages. Trudy Oren. otd. Vses. fiziol. ob-va no.2:136-141'60. (MIRA 16:8)

1. Kafedra biokhimii (zav. - prof. I.V.Sidorenkov) Orenburgskogo meditsinskogo instituta.
(NOVOCAINE) (BLOOD PROTEINS)
(NITROGEN IN THE BODY)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

BULANOV, V.Ya.; GRUSHENKO, V.K.; IBIMETSA, G.I.; MOKSHANTSEV, G.F.; PLUZHNIKOV, V.A.; SINYUKHIN, A.V.; TENYAKOV, P.T.

Preparing iron powder from alloyed scale reduced by converted natural gas. Vornih. met. 5 no.10:2-4 O '65.

(MIRA 18:11)

1. Orenburgskiy filial Kuybyshevskogo politekhnicheskogo instituta.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

LAVRENCHUK, V.N.; TENYAKOV, V.A.

Distribution of gallium in bauxites. Geokhimiia no.8:745-747 '62. (MIRA 15:9)

(Gallium) (Bauxite)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

LAVRENCHUK, V.N.; TENYAKOV, V.A.

Average gallium content in clays. Dokl. AN SSSR 151 no.2:430-431 Jl '63. (MIRA 16:7)

1. Geokhimicheskaya laboratoriya TSentral'no-Kazakhstanskogo geologicheskogo upravleniya. Predstavleno akademikom D.I. Shcherbakovym.

(Kazakhstan—Gallium)
(Kazakhstan—Clay—Analysis)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

LAVRENCHUK, V.N.; TENYAKOV, V.A.

Gallium balance in bauxites. Dokl. AN SSSR 151 no.6:1430-1432 Ag '63. (MIRA 16:10)

1. TSentral'no-Kazakhstanskoye geologicheskoye upravleniye i Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo. Predstavleno akademikom D.I.Shcherbakovym.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, V.A.; LAVRENCHUK, V.N.

Distribution of germanium in bauxites. Dokl. AN SSSR 154 no.6:1364-1366 F '64. (MIRA 17:2)

1. Geokhimicheskaya laboratoriya TSentral'no-Kazakhstanskogo geologicheskogo upravleniya. Predstavleno akademikom D.I.Shcherbakovym.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, V.A.

Geochemistry of vanadium in bauxites. Geokhimiia no.6:733-738 Je '65. (MIRA 18:7)

1. Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, V.I.; BRAYCHEV, V.P.

Work of the laboratory for mechanical tests of the Gorkyi Automobile Plant. Avt.prom. no.3:43-44 Mr '61. (MIRA 14:3)

1. Gor'kovskiy avtozavod.
(Gorkyi—Automobile industry)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, YU.I.

SOV/144-58-9-18/18

AUTHOR: Gikin, A. F., Candidate of Technical Sciences, Docent

TITLE: Inter-University Scientific Conference on Electric Measuring Instruments and Technical Means of Automation (Mezhvuzovskaya nauchnaya konferentsiya po elektroizmeritel'nym priborem i tekhnicheskim sredstvam avtomatiki)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Elektromekhanika, 1958, Nr 9, pp 130-135 (USSR)

ABSTRACT: The conference was held at the Leningradskiy elektrotekhnicheskiy institut imeni V. I. Ul'yanova (Lenina) (Leningrad Electro-technical Institute imeni V. I. Ul'yanov (Lenin)) on November 11-15, 1958. The representatives of eleven higher teaching establishments and three research institutes participated and a large number of specialists of various industrial undertakings were present.

Docent A. S. Rozenkrants (Ivanovo Power Institute imeni V. I. Lenin) in his paper "Automatic a.c. bridges and compennators" emphasized the acute demand for automatic instruments for comparing alternating currents. The fields of application of such instruments could be considerably extended if they would be designed for operating at a wider frequency range. He considered it

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advisable to base the automation of such comparison instruments on using a phase sensitive indicator and has described a bridge of this type which was built at the Ivanovo Power Institute.

Yu. A. Skripnik (Kiyev Polytechnical Institute) reported on a phase sensitive switch indicator of semi-equilibrium of a.c. bridges.

Professor L. F. Kulikovskiy (Kuybyshev Industrial Institute imeni V. V. Kuybyshev) presented a paper on "Some new types of a.c. compensators".

Assistant Ye. I. Tenyakov (Novocherkassk Polytechnical Institute imeni S. Ordzhonikidze) presented the paper "Certain problems of designing automatic d.c. potentiometers of high accuracy with numerical reading off".

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

8(2), 9(4)

AUTHOR: Anisimov, V. I., Engineer SOV/119-59-3-13/15

TITLE: The Inter-university Scientific Conference on Electrical Measuring Instruments and on the Technical Means of Automation (Mezhvuzovskaya nauchnaya konferentsiya po elektroizmeritel'nym priborom i tekhnicheskim sredstvam avtomatiki)

PERIODICAL: Priborostroyeniye, 1959, Nr 3, pp 30-31 (USSR)

ABSTRACT: This Conference was held at the Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova (Lenina) (Leningrad Institute of Electrical Engineering imeni V. I. Ul'yanov (Lenin)) in November 1958. It was attended by more than 500 representatives of universities, scientific research institutes, of the OKB, the SKB (Special Design Office), of industries and other organizations. More than 30 lectures were delivered in the meetings of this Conference. In opening the conference N. P. Borodi'skiy underlined the outstanding importance of automation and of measuring technique for the development of national economy. N. N. Shumilovskiy in his lecture reported on "The Trends in the Development of Methods of Radioactive Control of Production Data" and outlined the extensive

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possibilities of using radioactive methods in such control. Ye. G. Shramkov and S. A. Spektor reported on a new method of measuring heavy direct currents with the help of the nuclear magnetic resonance. M. A. Rozenblat investigated problems of the application of magnetic amplifiers in automation and in measuring technique. A. V. Fatayev reported on the present-day state on the prospects of automatic control technique. Ya. Z. Tsypkin investigated some peculiar features of and the prospects offered by automatic pulse systems. The lecture by N. G. Boldyrev dealt with problems of stability of discrete automatic systems. V. B. Ushakov discussed the main trends in the development of mathematical analog computers and of computers designed for industrial use. The report by V. S. Ryabyshkin deals with an electronic analog correlator for the calculation of correlation functions in the investigation of winds in the ionosphere. R. I. Turgenson reported on the most important methods, which guarantee both an active and passive freedom from disturbances in

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discrete selective systems. Ya. V. Novosel'tsev discussed problems of averaging, differentiation, and balancing of time-dependent functions which can be represented by electric signals. V. P. Skuridin investigated new computing devices with polarized relays. A. V. Fresnke and Ye. M. Dushin reported on instrument transformers for automatic instruments with automatic recording. V. B. Ushakov and N. N. Kopay-Gora reported on a computer for the automatic centralized control of production specifications. N. M. Petisov discussed fundamental problems of the theory of automatic measuring instruments with an inverse conversion for the measurement of non-electric quantities. Ye. I. Tsyrekov dealt with problems of the construction of automatic d. c. potentiometers with high accuracy. D. I. Malov discussed a high-precision automatic d. c. bridge for digital computations. The participants in the Congress listed below discussed the following subjects (which, however, are not given by the exact wording of the titles): V. A. Ivanov: The planning of measuring elements for

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

The Inter-university Scientific Conference on Electrical Measuring Instruments and on the Technical Means of Automation

SOV/119-59-3-13/15

Accurate automatic quotient-type meters in digital computations. R. R. Kharchenko: Methods of determining the dynamic errors of a magnetic oscilloscope by simulation. P. P. Ornatskiy: Problems in measuring electric quantities at extremely low frequencies by electrical indicating instruments of various systems. L. F. Kulikovskiy: Novel types of a. c. compensators. A. S. Sorankrants: Automatic bridges and a. c. compensators suited for the control of the parameters of condensers in series production. L. I. Stolov: Some characteristics of midget induction motors which can be used in measuring technique and automation. D. A. Borodayev: Ultrasonic pressure- and liquid level gages. Yu. A. Skripnik: The circuitry of a phase—sensitive commutation indicator for a. c. semi-equilibrium bridges. N. F. Suvid: The application of instruments with magnetic bridges, which permit a considerable simplification of the design of the apparatus and the circuitry used in the measurement of non-electric quantities. V. A. Meretin: Method of increasing the sensitivity of oxygen gas analyzers. P. V. Novitskiy: Design of apparatus for measuring vibration quantities. V. V. Pasynkov: Main types of non-linear semiconductor resistors and possibilities of their application to circuitry in automation and measuring technique. G. N. Novopashennyy: Development of measuring amplifiers with semiconductor triodes. Ya. V. Novosel'tsev, N. A. Zairnov, Ye. Ye. Afanas'yev, Ye. P. Ugryumov: Precision semiconductor frequency meter operating according to the pulse-counting principle. P. G. Nikitin and A. Berukladnikov: Methods of measuring the magnetic field strength by means of bismuth resistors and transducers operating on the Hall effect principle. A resolution was adopted by the closing plenary meeting of the Conference, which indicates ways of improving and coordinating scientific research in the field of automation, electric measuring- and computing technique.

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, Ye.I., assistant

Designing high-percision automatic d.c. potentiometers with digital recording. Izv.vys.ucheb.zav.; prib. no.4:38-45 '59. (MIRA 13:5)

1. Novocherkasskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut imeni Sergo Ordzhonikidze. Rekomendovana kafedroy avtomaticheskikh i izmeritel'nykh ustroystv.
(Potentiometer)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

S/144/60/000/02/019/019
E194/E135

AUTHOR: Tenyakov, Ye.I., Assistant

TITLE: First All-Union Conference on Digital Electrical Measuring Instruments

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1960, Nr 2, pp 168-170 (USSR)

ABSTRACT: Automatic electrical measuring instruments with digital presentation of readings are now becoming widely used both for making measurements and for automation of production processes. The instruments are quick and accurate and the reading is given in the form of a number for visual observation or recording, or may be applied directly to a computer. On the 26th-30th January, the first All-Union Conference on Instruments of this kind was held in Leningrad. It was organised by the State Committee of the Council of Ministers of the USSR on Automation and Engineering, the All-Union Scientific Research Institute of Electrical Measuring Instruments, and the Leningrad Scientific Technical Society of the Instrument Industry. The Conference was attended by more

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E194/E135

First All-Union Conference on Digital Electrical Measuring Instruments

than 400 representatives from 30 towns of the Soviet Union. The conference was opened by the Chairman of the Organising Committee Professor A.V. Frenke, who noted two main trends in the development of digital instruments, namely, towards electromechanical instruments with errors up to 0.01%, and towards purely electronic instruments which, though less accurate, are much faster in operation. Thirty five reports and communications were read, and brief summaries of the principal ones are given. A.D. Veysbrut of VNIIM imeni Mendeleyev, Leningrad, discussed the evaluation of errors in digital instruments. He also described a digital voltmeter suitable for the calibration of d.c. instruments in the range of 15 to 1500 V. V.N. Khlistunov considered pulse time and space-code methods of converting continuous electrical signals into a train of successive pulses. V.I. Kubyshkin discussed the design of measuring circuits, the advantages and disadvantages of servo-systems and combined systems.

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First All-Union Conference on Digital Electrical Measuring Instruments

V.P. Lavrov described a high-speed electronic digital voltmeter. N.V. Kirianaki of Lvov Polytechnical Institute gave a detailed review and analysis of read-out devices for digital instruments. V.M. Shlyandin of Penza Polytechnical Institute gave a review of digital instruments. S.S. Obozovskiy of Lvov Polytechnical Institute considered the possibility of developing digital wattmeters, using potentiometric multiplication circuits. V.N. Malinovskiy and R.R. Kharchenko of the Moscow Power Institute described a digital bridge based on semiconductors. A.Ya. Shramkov of Lvov Polytechnical Institute discussed the possible development of automatic digital instruments based on rotating instruments with errors of 0.1% and a speed of 3-10 sec. K.A. Netrebenko of the Institute of Radio Physics and Electronics of the Academy of Sciences of the Ukr.SSR discussed possible standardisation of the main assemblies of automatic digital potentiometers and bridges. V.R. Romanovskiy, L.I. Blekhshteyn and E.F. Simkhovich of the Vibrator Works, surveyed various components of

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First All-Union Conference on Digital Electrical Measuring Instruments

digital instruments, particularly photo-compensation current stabilisers and counting devices. V.R. Romanovskiy and E.F. Simkhovich, Vibrator Works, described the selection of circuits for digital instruments according to the application. D.I. Malov of the Novocherkassk Polytechnical Institute gave an account of a graphical-analytical method of calculating the process of balancing of a digital ohmmeter considered as an impulse filter of delay elements. Ye.I. Tenyakov of the Novocherkassk Polytechnical Institute discussed the selection of automatic circuits and their components for a digital compensator in respect of speed, life and accuracy. V.A. Ivantsov of the Novocherkassk Polytechnical Institute reported the construction of a high-sensitivity zero indicator for digital instruments. V.A. Ivantsov and Ye.I. Tenyakov of the Novocherkassk Polytechnical Institute gave a report entitled 'Auxiliary Devices for a Digital Compensator'. V.P. Kotel'nikov of the Krasnodar Measuring Instrument Works described the development of

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First All-Union Conference on Digital Electrical Measuring Instruments

a digital bridge of class 0.05 accuracy with a range of measurement from 10^{-4} ohms to 10^{-7} ohms. S.M. Troynov of Gor'kiy dealt with the development of digital voltmeters and ohmmeters. Representatives of the 'Punane Ret' of Tallin described a digital volt-ohmmeter which automatically selects the correct range. One measurement takes 3 seconds. The Institute of Automatics and Electro-metrics of the Siberian Division, Acad.Sci.USSR, Novosibirsk, offered a report by M.P. Tsapenko entitled 'A device for converting a voltage of the order of tens of millivolts into a digital code' and also a communication by A.N. Kasperovich entitled 'A photographic recorder of digital output with electro-luminescent light source'. Ye.M. Tolchinskiy, M.V. Tyapkin and A.V. Lebedev of TsIAM imeni I.I.Baranov described an electronic measuring device with digital output for measuring and recording 256 items per second. Ya.A. Kuperimidin of TsNIIKA considered questions of coding in telemetering systems. Ornatskiy of the Kiyev Polytechnical Institute described numerical instruments

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based on the method of spatial coding. Zorin of the Leningrad Polytechnical Institute reported on a high-sensitivity amplifier based on semiconductors for digital instruments. Zaytsev of Moscow described a device for converting angular displacements to a digital code. Discussion noted that the reports were not sufficiently concerned with the application of digital instruments. Such instruments should be developed for control purposes as well as for measurement. The conference noted that digital instruments developed in the USSR and abroad have great advantages as compared with ordinary instruments, and that during the last three or four years a number of organisations have developed instruments of this kind and accumulated considerable experience. These organisations include the Lvov, Novocherkassk and Penza Polytechnical Institutes, the Institute of Automatics and Electrometry, the Krasnodar Measuring Instrument Works and others. It is urgently necessary to organise series production of this type of instrument. A number of organisations were

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E194/E135

First All-Union Conference on Digital Electrical Measuring Instruments

given definite tasks, and periods for their fulfilment.

ASSOCIATION: Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnical Institute)

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, Yevgeniy Ivanovich, assistent

Automatic device for determining the operating current in compensators with digital read-off. Izv. vys. ucheb. zav.; elektromekh. 3 no.6:123-130 '60. (MIRA 15:5)

1. Kafedra avtomaticheskikh i izmeritel'nykh ustroystv Novocherkasskogo politekhnicheskogo instituta.
(Electronic measurements)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

35291
S/637/61/000/000/004/008
D201/D301

9,7300 (1159)

AUTHOR: Tenyakov, Ye.I., Assistent

TITLE: An automatic digital d.c. potentiometer

SOURCE: Konferentsiya po avtomaticheskomu kontrolyu i metodam elektricheskikh izmereniy. Novosibirsk, 1959. Trudy. Novosibirsk, 1961, 253 - 262

TEXT: The author describes and analyzes the operation of an electromechanical digital read-out d.c. potentiometer of a type developed at the Kafedra avtomaticheskikh i izmeritel'nykh ustroystv Novocherkasskogo politekhnicheskogo instituta (Department of Automatic and Measuring Devices of the Novocherkassk Polytechnic Institute). The instrument utilizes many mass-produced industrial components and does not require any special training of the operator. The polarity of the measured voltage is determined automatically and displayed on the screen. The fundamental voltage range is 0.1 - 1 V; extension of ranges is provided by a potential divider. The compensation unit is a compensating circuit which performs the ope-

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ration of comparing the measured voltage with a potential drop across standard resistances. The difference between the measured and compensating voltage is applied to the input of the measuring circuit (MC). The MC controls the automatic system of display depending on the polarity of this voltage difference. The MC consists of the following: a) d.c. to a.c. voltage converter (a polarized relay type РП-4 (RP-4), operating at 160 - 180 c/s); b) voltage amplifier; c) a phase-sensitive stage feeding into the relay; d) generator. The current through standard resistances is controlled automatically over pre-determined periods of time by a follow-up system with a relay and electronic control of a reversible motor. The block of the rate of measurement consists of an electronic time-relay. The supplies are stabilized. The automatic compensator operates on the principle of dynamic over-compensation with return to under-compensation. The conversion of the measured voltage into a discrete series utilizes a binary-decimal system, in which the balancing of a decimal digit of the measured quality is accomplished in a binary code (the so-called four-step code). The interrogation arrangement which is also used as programming for the measurement cycle,

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

S/637/61/000/000/004/008
An automatic digital d.c. potentiometer D201/D301

consists of a commutator driven by a fractional HP motor. Analysis and subsequently designed experimental potentiometers have shown that the use for four-step codes in decades lowers the time of measurements by 60 %. The interrogation and output driving circuits are separate. This makes it possible to have a considerably lower noise level as, introduced into the measuring circuit during the operation of elements of automation, it also increases the life-time of relays by approximately two times. It was found that in order to decrease the effect of the relay contact resistance - the measuring circuits should have shunts of the decade resistors. The effect of this resistance may also be considerably reduced by balancing 'from the middle' of the first decade. The experimental five-decade potentiometer, designed to use a four-step code 5, 2, 2, 1 and having separate interrogation function and drive circuits, was found to have a measurement error of 0.05 % for the 0.1 - 1 V range and a time of one measurement of 1.8 - 2 secs. There are 6 figures, 1 table and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni politekhnicheskiy institut im. S. Ordzhonikidze, Novosibirsk (Polytechnic Institute of the Order of the Red Banner of Labor im. S. Ordzhonikidze, Novosibirsk)

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

GIKIS, A.F.; TENYAKOV, Ye.I.; IVANTSOV, V.A.

A digital potentiometer. Trudy NPI 124:3-9 '62. (MIRA 15:11)
(Potentiometer) (Electronic measurements)
(Automatic control—Equipment and supplies)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, Yevgeniy Ivanovich, aspirant

Analysis of the operation of a transistor in saturated state. Izv. vys. ucheb. zav. elektromekh. 7 no.4:491-499 '64 (MIRA 17:7)

1. Kafedra izmeritel'noy tekhniki Novocherkasskogo politekhnicheskogo instituta.

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, Yevgeniy Ivanovich, aspirant

Calculation of the parameters of a transistor in saturation. Izv. vys. ucheb. zav.; elektromekh. 7 no.7:868-876 '64. (MIRA 18:5)

1. Kafedra izmeritel'noy tekhniki Novocherkasskogo politekhnicheskogo instituta.

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"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAKOV, Yevgeniy Ivanovich, aspirant

Effect of a transistor switch on a switched circuit and analysis of its errors. Izv. vyss. ucheb. zav.; elektromekh. 7 no.9:1149-1156 '64 (MIRA 18:1)

1. Kafedra izmeritel'noy tekhniki Novocherkasskogo politekhnicheskogo instituta.

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L 41182-65 EWT(d)/EWP(e)/EWP(v)/T/EWP(k)/EWP(1) Pf-4
ACCESSION NR: AP5004677 S/0115/64/000/009/0058/0059 70 18 B

AUTHOR: none

TITLE: Fourth scientific and technical conference on "Cybernetics for the improvement of measurement and inspection methods"

SOURCE: Izmeritel'naya tekhnika, no. 9, 1964, 58-59

TOPIC TAGS: cybernetics, electric measurement, electric quantity instrument, digital computer, electronic equipment, electric engineering conference

ABSTRACT: The conference was held 1-4 July at the All-Union Scientific Research Institute of Metrology by the Section of Electrical Measurements of the Council on the Problem of "Scientific Instrument Making" of the State Committee on Coordination of Scientific Research Work in the USSR together with the All-Union Scientific Research Institute of Electrical Measurement Instruments and the Leningrad Regional Administration of the Scientific and Technical Division of the Instrument Making Industry. More than 400 delegates from 29 cities of the country participated. Fifty-seven reports were heard and discussed. Reports were given by: P. V. NOVITSKIY (Leningrad)--"Definition of the Concept of Informational Error in Measurement and its Importance in Practical Use" and "On the Problem of the Average Informational Criterion of Accuracy Throughout the Entire Scale of an Instrument"; Ya. A.

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ACCESSION NR: AP5004677

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KUPERSHMIDT (Moscow)--"On Determination of the Criteria of Accuracy for Measurement Devices"; S. M. MANDEL'SHTAM (Leningrad)--report on a new criterion of accuracy of measurement instruments; P. F. PARSHIN (Leningrad)--report on optimization when using Fourier transforms on electronic digital computers; S. P. DMITRIYEV, G. Ya. DOLGINTSEVA and A. A. IGNATOV (Leningrad)--proposal of a new method for solving problems of optimum filtering for non-stationary random signals and interference; I. B. CHELPANOV--"Calculation of the Dynamic Characteristics of an Optimum Complex Two-Channel System which Uses Signals from a Position Meter and from a Speed Meter"; R. A. POLUEKTOV (Leningrad)--"Optimum Periodic Correction in the Measurement of Continuous Signals"; S. P. ADAMOVICH (Moscow)--"Analysis and Construction of Devices for Correction of Non-linearity and Scaling for Unitary Codes; G. V. GORBLOVA (Taganrog)--"A Method for Statistical Optimization in Graduating the Scales of Electrical Measuring Instruments"; M. A. ZEMEL'MAN (Moscow)--"Analog-Digital Voltage Converter with Automatic Error Correction"; B. N. MALINOVSKIY, V. S. KALENCHUK and I. A. YANOVICH (Kiev)--"Automatic Monitoring of the Parameters of the Electrical Signals of Complex Radio and Electronic Equipment"; V. P. PEROV (Moscow)--"Operational Cybernetics as an Independent Scientific Specialization"; Ye. N. GIL'BO (Leningrad)--"On the Problem of Effective Non-linear Scales"; A. I. MARKELOV (Moscow)--"Devices for Preliminary Processing of the Results of Measurements Presented in the Form of

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ACCESSION NR: AP5004677 20

Graphic Recordings For Subsequent Introduction of the Information into Universal Digital Computers"; O. M. MOGILEVER and S. S. SOKOLOV (Leningrad)--"On a Method for Reducing Excess Information"; T. V. NIKOLAYEVA (Leningrad)--"A Device for Temporal Discretization of Continuous Signals"; A. A. LYOVIN and M. L. BULIS (Moscow)--"Optimization of the Transmission of Telemetric Information as a Means for Raising the Efficiency and Eliminating Interference"; D. E. GUKOVSKIY (Moscow)--"On a Statistic Approach to the Detection of Events in Automatic Inspection"; M. I. LANIN (Leningrad)--"Method for Calculating the Holding Time of Communications in a Centralized Inspection System or Constant Servicing Time"; O. N. BRONSHTEYN, A. L. RAYKIN and V. V. RYKOV (Moscow)--"On a Single-Line Mass Service System with Losses"; V. M. SHLYANDIN (Penza)--report on circuit designs for direct compensation electrical digital measuring instruments; A. N. KOMOV (Novocherkassk)--report on a new method for compensation of digital bridges; M. N. GLAZOV (Leningrad)--report on the problem of voltage-to-angular rotation conversion; V. S. GUTNIKOV (Leningrad)--"Methods for Construction of Frequency Capacitance Pickups with a Linear Scale"; R. Ya. SYROPYATOVA and R. R. KHARCHENKO (Moscow)--report on the determination of the amplitude-frequency and phase characteristics of PFM and PWM modulators; Ye. I. TENYAKOV (Novocherkassk)--"The Phototransistor as a Switch for Electrical Measurement Purposes"; N. V. MALYGINA (Leningrad)--a report on ways for making universal equipment for measurement of current, voltage and power; P. P. ORNATSKIY and V. I. ZOZULYA (Kiev)--reports on the construction of static voltmeters, wattmeters and

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phase motors; A. V. TRIKHANOV, I. G. SMYSHLYAYEV, N. I. SABLIN, V. M. RAZIN and V. A. GORBUNOV (Tomsk)--report on a device for automatic processing of the measurements of vibration amplitude of pneumatic hammers; L. K. RUKINA and V. G. KNORRING (Leningrad) --report on the development of a digital compensator for measuring pressure, force, etc.; N. B. DADUKINA (Leningrad)--report on a method for constructing frequency pickups for gas analysis; Ye. M. KARPOV, V. A. BRAZHNIKOV and B. Ya. LIKHTSINDER (Kuybyshev)--reports on analysis and recording of boring speeds; Yu. V. PSHENICHNIKOV (Kuybyshev)--"A High Speed Voltage-to-Digital Code Converter for ac Pickups"; G. P. VIKHROV and V. K. ISAYEV (Vilna)--"A Highly Accurate Digital Peak-to-Peak Voltmeter"; and S. M. PERSIN (Leningrad)--"A Low Level Analog-Digital Voltage Converter."

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EE, EC

NO REF SOV: 000 OTHER: 000 JPRS

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

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22332
S/189/61/000/003/002/002
D224/D302

55300 2209, 1273, 1160

AUTHORS: Golovina, A.P., Alimarin, I.P. and Tenyakova, L.A.

TITLE: Fluorometric determination of zirconium in the presence of titanium by quercetin

PERIODICAL: Moskva. Universitet. Vestnik. Seriya II. Khimiya, no. 3, 1961, 60-62

TEXT: The authors describe a fluorometric-chromatographic method for determining zirconium in the presence of titanium by quercetin. The procedure is a further continuation of the process described by M.A. Konstantinova-Shlezinger (Ref. 1: Referativnyy sbornik po lyuminestsentomu analizu (Symposium of References on Luminescent Analysis) vyp. 1, AN SSSR, 1951), in which fluorescent reactions are employed in conjunction with the preliminary chromatographic separation of cations on paper; this enables such elements as Ga and Al, Ti and Zr, Be and Al, Ta and Nb, etc. to be separated and determined. As I.P. Alimarin, A.P. Golovina and N.F. Stepanov (Ref. 2: Nauchn. dokl.

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D224/D302

Fluorometric determination...

Vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 2, 285, 1958) have already indicated, a zirconium quercetinate solution gives a strong orange-yellow fluorescence on exposure to ultraviolet light which masks any fluorescence due to titanium quercetinate, so it is essential to use both chromatographic and fluorometric techniques in order to obtain the desired result. The first step consisted of the development of a chromatographic procedure: the pipetting of aliquots of zirconium solution onto Whatman No. 1 paper, followed by the spraying of the spots with a quercetin-ethyl alcohol solution and then by their drying and subsequent identification under a Pk-2 ultraviolet lamp. Next, a study was made of the behavior of Zr, Ti, Th, Fe^{3+}, Al and Be on paper with various solvents--mixtures of hydrochloric acid and ethyl alcohol, isopropyl alcohol and methyl-ethyl-ketone-- the resulting chromatograms being examined afterwards in visible and ultraviolet light. The data showed that it is possible to differentiate between Zr, Ti, Fe and Be on one chromatogram, and, therefore, to determine zirconium in the presence of titanium and iron; a 4 : 1 mixture of ethyl alcohol and

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D224/D302

Fluorometric determination...

hydrochloric acid appears to be the most suitable solvent. In the last stage this solvent is used to effect a preliminary 8-hour separation of the above elements on chromatographic paper. After spraying with 0•01% quercetin solution the intensities of fluorescence of the spots under ultraviolet light were compared with those of standards containing known amounts of zirconium (0•12 - 15γ); the experimental error was ± 0•2 - 0•4γ. The finalized technique was subsequently tested by using it to determine zirconium in titanium-iron ore which had been previously analyzed gravimetrically; the sample was prepared for analysis by dissolving a small quantity in hydrofluoric and sulfuric acids (Ref. 3: Analiz mineral'nogo syr'ya (Analysis of Mineral Products) Goskhimizdat, Leningrad, 1956). The ZrO_2 content of the ore as found by the fluorometric-chromatographic procedure is 6•2% as compared with a figure of 6•7% obtained by the gravimetric technique. On the basis of this relatively close agreement the authors thus conclude that their method gives completely reliable results. There are 3 tables and 3 Soviet-bloc references.

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Fluorometric determination...

ASSOCIATION: Kafedra analiticheskoy khimii (Department of Analytical Chemistry)

SUBMITTED: March 18, 1960

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APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

ALIMARIN, I. P.; GOLOVINA, A.P.; TENYAKOVA, L. A.

Determination of zirconium in titanium and iron-containing ores with quercetin. Metod. anal. khim.reak. i prepar.no. 4:128-130 '62. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYATOV, A., inzh.-konstruktor

Balancing motor vehicle wheels. Za rul. 21 no.5:20-21 My '63. (MIRA 16:9)

1. Gor'kovskiy avtozavod.

(Motor vehicles—Wheels)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

[redacted]YAYEV, D.

Bring grain in more rapidly from isolated collecting points. Muk.-elev. prom. 23 no.1:3-4 Ja '57. (MLRA 10:5)

1.Upravleniye elevatorno-skladskogo khozyaystva Ministerstva khleboproduktov SSSR.
(Grain trade)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAYEV, D.

Temporary storage of grain out of doors. Muk.-elev. prom. 24 no.6:7-9 Je '58. (MIRA 11:7)

1. Upravleniye elevatorno-skladskogo khozyaystva Ministerstva khleboproduktov SSSR.
(Grain--Storage)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8

TENYAYEV, D.

Rapid transportation of grain from distant procurement points. Muk.-elev. prom. 24 no.9:3 S '58. (MIRA 11:10)

1. Upravleniye elevatorno-skladskogo khozyaystva Ministerstva khleboproduktov SSSR.
(Grain trade)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755310001-8"