

ACC NR: AP7011821

the synthesis of dinucleotides with a 3',5' phosphoric acid diester link.
Orig. art. has: 1 formula. [JPRS: 40,351]

Card 2/2

USTYUZHANIN, V.

Sergeants from the border. Starsh.-serzh. no.5:20 My '62.

(MIRA 15:6)

(Border guard)

USTYUZHANIN, V.A., brigadir

18 centners of wheat per hectare. Zemledelia 27 no. 6:32-39 Je
'65. (MKIA 12:9)

1. Kochkovskiy sovkhaz, Dovolenskogo rayona, Novosibirskoy oblasti.

MARTYNOV, O.V.; USTYUZHANIN, V.N.; NECHAYEV, L.S.; GORLOV, S.M.

Smelting and continuous pouring of steel 20 in ingots with a
cross section of 280x320 mm. Metallurg 8 no.12:13-15 D '63.
(MIRA 17:4)

1. Novotul'skiy metallurgicheskiy zavod.

L 00585-66 EPA(s)-2/ZWT(m)/EPF(n)-2/EWP(t)/EWP(b) JD/HH/JG

ACCESSION NR: AP5021605

UR/0286/65/000/013/0076/0077

AUTHORS: Sokolov, L. A.; Kazanskiy, V. A.; Sel'kin, G. S.; Vatyuzhanin, V. N.;
Shashkov, V. N.

TITLE: Device for continuous temperature measurement of liquid metal. Class 42,
No. 172516

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 76-77

TOPIC TAGS: liquid metal, smelting temperature, temperature measurement

ABSTRACT: This Author Certificate presents a device for continuous temperature measurement of liquid metal. The device is calibrated for each chemical composition and contains a temperature transducer and a measuring circuit. To automate the smelting process by simultaneously measuring the liquid metal temperature and the difference between the liquid metal and its crystallization temperatures according to the temperature gradient in the container, the container is made of cooled walls of material with high thermal conductivity, e.g. copper. This container is in direct contact with the liquid metal (see Fig. 1 on the Enclosure). To measure the temperature gradient in the high thermal conductivity wall, the device is provided with several temperature transducers placed on the outer and inner

Card 1/3

L 00585-66

ACCESSION NR: AP5021605

surfaces of the container. To produce continuous measurements during a large number of melts and to insure safe operation, the container is cooled by steam. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 13May64

ENCL: 01

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

Card 2/3

L 00585-66

ACCESSION NR: AP5021605

ENCLOSURE: 01

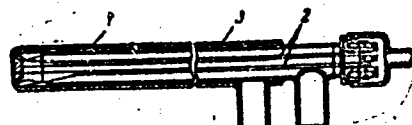


Fig. 1. 1- cooled wall with high thermal conductivity; 2- temperature transducers (thermocouples); 3- steam pipe

Card 3/3

Comparison of the effect of potassium fertilizers on grain cultures. V. N. Prokoshin and E. M. Ustyushanina. *Mineral'naia Udobreniya Insektosugruden* 4, No. 5, 59-60 (1935).—Expts. in great variety were made with sylvite, carnallite (of various degrees of concn.), KCl and mixts. of these. The results depended on the soil, weather conditions and the type of plants and their rotation. A. A. Boebtingk

15

CA

THE COMPARATIVE EFFECT OF VARIOUS POTASSIUM FERTILIZERS
 V. N. Prokoshin and E. M. Ustyuzhanina. *Chemisation
 Socialistic Agr.* (U. S. S. R.) 1960, No. 7: 33-42; *Khim.
 Referat. Zhur.* 1960, No. 6, 55.—The different responses of
 agricultural plants to various K fertilizers are explained by
 their various requirements for the components of K
 fertilizers (Na, Mg, SO₄) and by the different responses to
 chlorides and to higher concns. of salts in the soil. Beets,
 turnips and grain crops respond favorably to K fertilizers
 contg. NaCl and sylvinit. A max. response to chlorides
 is shown by buckwheat, mustard, leguminous plants,
 lupine, clover and tech. potatoes; KCl and 40% K salt
 (but not sylvinit) can be added to the table varieties of
 potatoes; carrots and flax respond unfavorably to high
 concns. of raw and mixed K fertilizers. Clover, lupine
 and other crops respond favorably to K₂SO₄ if the soils
 are poor in sulfates. Cabbage and grain cultures are in-
 different to K fertilizers. W. R. Henu

S/081/62/000/024/067/073
B166/B186

AUTHORS: Shvartaman, I. Sh., Ustyuzhanina, N. N., Turchaninov, V. S.,
Papakin, Kh. M.

TITLE: Improvement in the process for producing aluminosilicate raw
refractories

PERIODICAL: Referativnyy zhurnal. Khimiya; no. 24, 1962, 578, abstract
24K292 (Tr. Vost. in-ta ogneuporov, no. 3, 1961, 120 - 132)

TEXT: Research was carried out on a less expensive binder than phosphoric
acid for use in the production of aluminosilicate unburned refractories.
The investigations resulted in two suggested versions of a process for
producing aluminosilicate unburned refractories.: the first without a
binding agent, the second with the addition of 2 % aluminum sulfate and 0.5%
phosphoric acid. [Abstracter's note: Complete translation.]

Card 1/1

YEGOROVA, N.P.; VASIL'YEVA, N.I.; USTYUZHANINA, N.S.

Bitumen content and distribution in Devonian terrigenous sediments
of western Bashkiria. Geol. nefti i gaza 5 no.11:44-46 II '61.
(MIRA 14:11)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
(Bashkiria--Bitumen--Geology)

Mar 48

USSR/Engineering
Strain Measurements
Deformation

"New Apparatus for Remote Measuring of Strain and Deformation of the Ground," V. A. Yaroshenko, Sr. Sci Collaborator, Ye. L. Ustyuzhanina, Sci Collaborator, 1 p

"Zhekh Zhekh Dor" No 3

Apparatus is buried in ground. Strain is measured by relative movement of two discs mounted on tubes, one sliding within the other, and movement controlled by compression spring. Pressure is measured by piezoelectric. Reading is effected by electroinductive transducer. 2/49735

END

Mar 48

USSR/Engineering (Contd)

method. There is sectional elevation of apparatus. Valuable information obtained by use in railroad beds.

USTYUZHANINA, YE. L.

END

2/49735

BERDINSKIY, I.S.; USTYUZHANINOV, I.A.; GORELYSHEVA, I.N.

Substituted hydrazides of hydroxycarboxylic acids. Part 20:
Alkylation of phenylhydrazides of diaryl and dialkyl glycolic
acids. Zhur.org.khim. 1 no.3:454-457 Mr '65. (MIRA 18:4)

1. Permskiy gosudarstvennyy universitet im. A.M.Gor'kogo.

ABANOV, L.V.; AL'SHITS, I.Ya.; BERDICHEVSKIY, Ya.G.; KODNIR, D.S.;
UMNYAGIN, M.G.; USTYUZHANINOV, M.I.; KOROLEV, A.A., kandidat
tekhnicheskikh nauk, redaktor; KOROVA, S.M., tekhnicheskikiy re-
daktor

[Liquid friction bearings for rolling mills] Podshipniki zhidkost-
nogo treniya prokatnykh stanov. Moskva, Gos. nauchno-tekhn. izd-
vo mashinostroit. lit-ry, 1955. 195 p. (MLRA 8:6)
(Bearings (Machinery))

USTYUZHANOV, S.

Experimental factory. Prom.koop. 14 no.9:9 S '60. (MIRA 13:9)

1. Glavnyy inzhener konstruktorsko-tekhnologicheskogo byuro
Bashpromsoвета, g. Ufa.
(Ufa--Manufactures)

USTYUZHIN, Ya.A.

Surface alloying of white cast-iron castings at the Taganrog
Combine Plant. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.
nauch. i tekhn.inform. 16 no.10:27-28 '63. (MIRA 16:11)

USTYYANOVICHOVA, A. [Ustyjanovicova, A.]; FRAY, V. [Frei, V.]

Preparation and properties of sodium borate tartrate. Zhur.
neorg. khim. 9 no.2:251-258 F'64. (MIRA 17:2)

1. Kafedra neorganicheskoy khimii Karlov universitet, Praga,
Chekhoslovakiya.

YEFIMOVA, G.A.; USTYZHANIN, G.Ye.; TIKHOMIROVA-SIDOROVA, N.S.;
DANILOV, S.N.

Reactions of 2-deoxy-1,4,3,5-dianhydroxylite with amines.
Zhur. ob. khim. 33 no.5:1429-1431 My '63. (MIRA 16:6)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Xylitol) (Toluenesulfonic acid)
(Amines)

KHARITONOV, G.V.; USUBAKUNOV, M.; PURIKOVA, V.P:

Particularities of the chemical composition of petrographic varieties
of coals mined in the Kirghiz S.S.R. Izv.AN Kir.SSR no.1:13-21 '55.
(Kirghizistan--Coal--Analysis) (MIRA 9:9)

11(7)

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 3, p 22 (USSR)
AUTHOR: Kharitonov, G. V., Nazarov, N. I., Purikova, V. P., and
Usubakunov, M.

SOV/112-59-3-4440

TITLE: Chemical-Engineering Investigation of Coals of the Tuyuk and Kargash
Fields, Uzgen Basin (Khimiko-tekhnologicheskoye issledovaniye ugley
Tuyukskogo i Kargashinskogo mestorozhdeniy Uzgenskogo basseyna)
PERIODICAL: Tr. in-ta khimii AN KirgSSR, 1957, pp 109-127

ABSTRACT: The bulk of coal consists of a typical humus material. Yu. M.
Kuzichkin and A. I. Ginzburg have isolated and studied the following petro-
graphic types of these coals: (1) clarainous homogeneous coal consisting of
vitrinite-group substances (89-95.4%, semivitrinite (0.2-5.6%), fusinite
(0.4-11.8%), cutinite, resinite; (2) clarainous complex striated coal with
stem-clarainous or durainous inclusions; (3) clarain-durainous or durainous
complex striated coal with clarainous inclusions; (4) clarain-durainous complex

Card 1/2

11(7)

SOV/112-59-3-4440

Chemical-Engineering Investigation of Coals of the Tuyuk and Kargash Fields

striated coal; (5) durainous homogeneous coal. As far as the coal rank is concerned, A. I. Ginzburg believes that Tuyuk coals within Section 1 of the Southern area belong with the steam rich type, and those in Sections 4-6 of the Northern area, with gas-type nearing the steam rich type. The above coal fields are distinguished by a low content of hygroscopic moisture (0.94-2.43%), of sulfur (0.29-1.29% of absolutely dry fuel), and of ashes (1.47-12.03%), by a lower content of volatile matter and a lower caking capacity as compared to Donbass and Kuzbass coals of the same rank. Heat of combustion is 7,868-8,413 kilocal/kg of combustible mass. The Kargash coal beds are actually packs of brilliant-luster complex striated coal. This coal, after a concentration with respect to ash content, can be used for a semicoking or coking and also for carbide production. The Tuyuk coal should be evaluated for coke-chemical industry purposes by its coking ability, not by its caking ability.

A.B.M.

Card 2/2

ABRAMOVA, V.F.; NAGAYEVA, A.G.; USUBAKUNOV, M.; BLESHTINSKIY, S.V.

Quantitative determination of indium. Izv. AN Kir. SSR. Ser.
est. 1 tekhn. nauk 2 no.11:67-77 '60. (MIRA 14:10)
(Indium--Analysis)

BLESHINSKIY, S.V.; KHARAKOZ, A.Ye.; LUKIN, I.N.; BABENKO, V.G.; CHALOVA,
Ye.P.; Primali uchastiye: ABRAMOVA, V.F.; VINOGRADOV, V.P.;
USUBAKUNOV, M.; CORBUNOV, V.D.; OSIFOVA, T.P.; NAGAYEVA, A.G.;
MEDVEDEVA, V.A.; ALTYNNIKOVA, P.M.

Fluosilicic method for separating rare-earth elements. Izv.
AN Kir. SSR. Ser. est. i tekhn. nauk 5 no.4:23-24 '63.
(MIRA 16:10)

BLESHINSKIY, S.V.; KHARAKOZ, A.Ye.; ABRAMOVA, V.F.; VINOGRADOV, V.P.;
BABENKO, V.T.; KACHKIMBAYEVA, S.A.; Primali uchastiye:
USUBAKUNOV, M.; NAGAYEVA, A.G.; GORBUNOV, V.D.; MEDVEDEVA,
V.A.; CHALOVA, Ye.P.; ALTYNNIKOVA, P.M.

Method for separating rare-earth elements based on the thermal
dissociation of sulfates. Izv. AN Kir. SSR. Ser. est. i tekhn.
nauk 5 no.4:25-26 '63. (MIRA 16:10)

ACCESSION NR: AP4010407

8/0185/83/008/012/1328/1334

AUTHOR: Lifshy'ts', E. V.; Kryzvulya, S. S.; Us, V. S.

TITLE: Measurement of high-frequency field intensity in a plasma by means of the Stark effect

SOURCE: Ukrayins'kyy fiz. zhurnal, v. 8, no. 12, 1963, 1328-1334

TOPIC TAGS: field intensity, field strength, high-frequency field, plasma, magnetic field, H sub beta, Stark effect

ABSTRACT: The present work was carried out to determine the dependence of the intensity of a high-frequency field on the high-frequency power introduced into a plasma wave-guide and the absolute value of the intensity of the high-frequency field. Broadening of the H sub beta line due to the Stark effect was measured to determine the field intensity. As was to be expected, E is proportional to the square root of w, where w is the high-frequency power. "The author is grateful to O. H. Zahorodnov and V. H. Padalets' for valuable advice and to V. E. Ivanov for interest in the work and discussion of the results." Orig. art. has: 2 formulas and 6 figures.

Cord 1/2

ACCESSION NR: AP4010407

Kharkov -

ASSOCIATION: Fizyko-tekhnichnyy instytut AN URSS (Physicotechnical Institute AN URSS)

SUBMITTED: 22May63

DATE ACQ: 20Jan64

ENCL: 00

SUB CODE: PH

NO REF SOV: 005

OTHER: 002

Card 2/2

USUBAKUNOV, R. U.

USUBAKUNOV, R. U. -- "The Flow of a Plane-Parallel Stream with Supercritical Velocity through a Fissure from a Stream of Finite Width." Kirgiz State U. Frunze, 1955. (Dissertation for the Degree of Candidate in Physicomathematical Science)

SO: Knizhnaya Letopis', No 1, 1956, pp 102-122, 124

DZHANYBEKOV, Ch.; USUBAKUNOV, R., red.; ANOKHINA, M.G., tekhn.red.

[A sonic flow of gas with a local supersonic zone terminating
in a rapid change in density] Ob odnom okolozvukovom techenii
gaza s mestnoi sverkhzvukovoi zonoj, okanchivaiushcheisia
priamym skachkom uplotneniia. Frunze, 1959. 84 p. (MIRA 12:12)
(Gas flow)

USUKANOV, G.E.

CHEKMAROV, A.P., professor; PAVLOV, V.L., inzhener; KLIMENKO, V.M.,
kandidat tekhnicheskikh nauk; USUKANOV, G.E., inzhener; BORTUNOV,
Ye.M., inzhener; VASHCHILO, P.A., inzhener.

Intensifying the reduction operation in the 1150 blooming mill.
Stal' 15 no.10:916-921 0 '55. (MIRA 9:1)

1.Deystvitel'nyy chlen AN USSR (for Chekmarev. 2.Institut chernoy
metallurgii AN USSR, zavod imeni Dzerzhinskogo, Tekhnicheskoye uprav-
leniye Ministerstva chernoy metallurgii USSR.
(Rolling mills)

USUNOFF, G.; DOSSEVA, I.

Incorporation of ³²P in erythrocytes of chronic schizophrenics
and epileptics. Dokl. Bolg. akad. nauk 17 no.1:205-207 '64.

L 30208-66

SOURCE CODE: BU/0011/65/018/007/0679/0682

ACC NR: AP6020318

AUTHOR: Usunoff, G.; Novoselska-Teoharova, L.

ORG: Department of Psychiatry, Higher Medical Institute, Sofia; Department of General Biology, Higher Medical Institute, Sofia

TITLE: Morphology of a P. malariae strain after 20 years' passage in mental patients

SOURCE: Bulgarska akademiya na naukite, Doklady, v. 18, no. 7, 1965, 679-682

TOPIC TAGS: psychoneurotic disorder, man, animal parasite, medical research, blood, bone marrow, morphology

ABSTRACT: For the past twenty years (1945-64) many mental patients (suffering from progressive paralysis, schizophrenia, etc.) at the Psychiatric Clinic of the Higher Medical Institute in Sofia have been subjected to intravenous inoculation with the same Plasmodium malariae strain. The strain was introduced in the clinic by A. Penschew and G. Usunoff in 1945. The results of recent detailed investigations described in the paper show that 1. after a 20-year in vivo cultivation of Plasmodium malariae by continuous reinoculation in patients, the schizogonic cycle of the plasmodium proceeds normally although it does not correspond in all cases to the temperature curve; there are no data on mixed invasion; 2. no morphological changes were detected in the asexual forms of examined Plasmodium malariae strain; and 3. no macro- and microgametocytes were found either in the peripheral blood or in the bone marrow of the patients studied. Orig. art. has: 3 figures and 1 table. (Orig. art. in Eng.)

SUB CODE: 06 / JPRS / SUM DATE: 15Apr65 / ORIG REF: 007
Card 1/1 CC

USUNOFF, G.; ATZEV, E.; MIHAILOV, S.

Changes in cerebral electric activity of cats in case of
certain physical and chemical effects on carotid sinus.
Dokl. Bolg. akad. nauk 17 no.1:209-212 '64

USUNOFF, G.; ATZEV, E.; AVRAMOV, S.

Change in rabbits' brain electric activity after local atebaine
application on cortex. Dokl. Bolg. akad. nauk 17 no.1:213-216
'64.

USUNOFF, G. [Uzunov, G.]; ATZEV, E. [Atiev, E.]; AVRAMOV, S.

Change in rabbit's brain electric activity after local
aterbine application on cortex. Doklady Ban 17 no.2:
213-216 '64.

USUNOV, G.; BOZHINOV, S.; GEORGIEV, Iv.

Sporadic encephalitis in children of unknown etiology. Suvrem. med.
Sofia 5 no.7:106-115 1954.

1. Iz Nervnata i psikhiatrichnata klinika pri Meditsinskata akademija
Vulko Chervenkov, Sofia (Direktor: prof. G.Uzunov)
(ENCEPHALITIS, in infant and child,
unknown etiol.)

USUNOV, G.; BOZHINOV, S.; GEORGIEV, I.; PETROV, P.; IANKOV, Ia.; SAKHATCHIEVA, L.;
VETSKA, P.

Symptomatic epilepsy in supra- and sub-tentorial tumors of the brain.
Suvrem. med., Sofia 8 no.11:51-59 1957.

(BRAIN NEOPLASMS, complications,

supratentorial & subtentorial, causing epilepsy (Bul))

(EPILEPSY, etiol. & pathogen.

subtentorial & supratentorial tumors (Bul))

USUNOFF, G.; NOVOSELSKA-TECHAROVA, L.

Morphology of a *P. Malariae* strain after 20 years passage
in mental patients. Dokl. Bolg. akad. nauk 18 no.7:679-682
'65.

1. Submitted April 15, 1965.

Usunov, I.
Bulgaria/Radiophysics - Superhigh Frequencies, I-11

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35396

Author: Raev, A., Usunov, I.

Institution: Physics Institute, Sofia University, Bulgaria

Title: Stationary Electron Oscillations of a Two-Segment Magnetron in the Absence of an Oscillating Circuit

Original
Periodical: Dokl. Bolg. AN, 1955, 8, No 2, 1-4; German; Russian resumé

Abstract: Brief description of the fundamental properties of nonresonant oscillations of a 2-segment magnetron, due to connecting between its segments an active resistance of a definite value. The mechanism of this oscillation was analyzed previously by Raev (Raev, A., Annals of the Sofia University, 1945-1946, 42, No 1, 311).

Emphasis is placed on the role of the space charge condensations occurring in the magnetron and inducing in the external circuit a current that produces in turn the high frequency voltage between

Card 1/2

Bulgaria/Radiophysics - Superhigh Frequencies, I-11

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35396

Abstract: the segments, which maintain under certain conditions the occurring condensation. The frequency of the oscillations is entirely dependent on the values of the anode voltage and of the magnetic field, satisfying the posthumus relation with another value of the constant.

Experiments performed in the meter band confirm the qualitative ideas concerning the character of the variation of the oscillation voltage, and also the relationship between the optimum values of the active resistance and those values of the resistance, which corresponds to the occurrence and to the interruption of the oscillations.

Card 2/2

USUNOV, N.; ILICHEVSKI, S.

Metastatic cancer to the central nervous system. Suvrem.med.,
Sofia no.9/10:86-94 '59.

1. Iz Katedrata po nervni bolesti pri VMI - Plovdiv. Zav. katedrata
prof. Tr. Zaprianov.
(BRAIN neopl.)

KOLOMEYTSSEV, Nikolay Timofeyevich; USUPBEKOV, Sharsheke;
RYSKULBEKOV, I., ed.

[Organization of work in beeyards] Aarychylykty zhurguzuu
ishteri. Frunze, Kyrgyzstan mamlekettik basmaay, 1963.
125 p. [In Kirghiz] (MIRA 17:11)

USVATOV, A., starshiy leytenant

Electronic key and typewriters should be equipment for radio
operators. Voen.sviaz. 16 no.4:23-24 Ap '58. (MIRA 11:4)
(Military telegraph--Equipment and supplies)
(Radio telegraph)

KHIL'KO, V., inzhener-polkovnik; USVATOV, A., mayor

How do you train radiotelegraph operators? Voen. vest 43 no.1:95-98
Ja 64. (MIRA 17:1)

USVATOVA, I.Ya.

Adrenal cortex and hydrocortisone metabolism in experimental
myocardial infarct. Kardiologiya 2 no.3:17-21 My-Je '62.
(MIRA 16:4)

(HEART--INFARCTION)

(CORTISOL)

(ADRENAL CORTEX)

USVATOVA, I.Ya.; SEMENOV, V.N.

Method of inducing myocardial infarct in a chronic experiment. Biul. eksp. biol. i med. 54 no.12:108-110 D'62.
(MIRA 16:6)

1. Iz kafedry gosptal'noy terapii (zav. - deystvitel'nyy chlen AMN SSSR A.L.Myasnikov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova. Predstavlena deystvitel'nyy chlenom AMN SSSR A.L.Myasnikovym.
(HEART--INFARCTION)

MEN'SHIKOV, V.V.; USVATOVA, I.Ya.; LEEDEVA, R.N.; MESHCHERYAKOV, A.V.

Functional state of the adrenal glands and steroid therapy in
surgical interventions. Khirurgia 39 no.9:39-45 S'63
(MIRA 17:3)

1. Iz gosptal'noy khirurgicheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. B.V. Petrovskiy) i mezhklinicheskoy gormonal'noy laboratorii pri gosptal'noy terapevticheskoy klinike (zav. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

SOLOV'YEV, G.M.; USVATOVA, I.Ya.; MESHCHERYAKOV, A.V.

Function of the adrenal cortex in experimental extracorporeal circulation. Eksper. khir. i anest. 9 no.2:77-80 Mr-Apr '64. (MIRA 17:11)

1. Laboratoriya iskusstvennogo krovoobrashcheniya pri kafedre gospi'tal'noy khirurgii (zav. - prof. B.V. Petrovskiy) i gormonal'naya laboratoriya pri kafedre gospi'tal'noy terapii (zav. - prof. A.L. Myasnikov) i Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

USVATOVA, I.Ya.; MANEVICH, A.Z.; MESHCHERYAKOVA, S.A.; MIKHEL'SON, V.A.

Changes in the glucocorticoid function of the adrenal cortex in relation to anesthesia and surgery. Sov. med. 27 no.2:54-60 7 '64.
(MIRA 17:10)

1. Mezkhlinicheskaya gormonal'naya laboratoriya (zav. - kand. med. nauk V.V. Men'shikov) i kafedra fakul'tetskoy khirurgii (zav. - prof. I.S. Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

SOLOV'YEV, G.M.; MEN'SHCHIKOV, V.V.; USVATOVA, I.Ya.; MESHCHERYAKOV,
A.V.; MANEVICH, A.Z., red.

[Adrenal hormones in surgery] Gormony nadpochechnikov v
khirurgii. [By] G.M.Solov'ev i dr. Moskva, Meditsina, 1965.
261 p. (MIRA 18:5)

VINOGRADSKIY, A.B.; USVATOVA, I. Ya.

Therapeutic use of hydrocortisone and the functional state of
the adrenal cortex in myocardial infarct complicated by collapse.
Kardiologiya 4 no.4:31-37 J1-Ag ' 64. (MIRA 19:1)

1. Gosptal'naya terapevticheskaya klinika (direktor- deystvi-
tel'nyy chlen AMN SSSR prof. A.L. Myasnikov) i Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
Submitted May 15, 1963.

ZHUKOVSKIY, V.D.; MEN'SHIKOV, V.V.; SACHKOV, V.I.; USVATOVA, I.Ya.

Changes in the function of adrenal cortex during electro-narcosis. Eksper. khir. i anest. no.1:77-80 '65.

(MIRA 18:11)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - prof. N.N. Yelanskiy [deceased]) gormonal'naya laboratoriya (zav. - kand. med. nauk V.V. Men'shikov) i kafedra fiziki (zav. - prof. N.M. Livantsev) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

USVAYSKAYA, Al'bina Vladislavovna; TSVETKOVA, Ye.A., red.; KORNENIEVA,
V.I., tekhn.red.

[Study of house plants in the lower grades; manual for teachers
of primary grades] Izuchenie komnatnykh rastenii v mladshikh
klassakh; posobie dlia uchitelei nachal'nykh klassov. Moskva,
Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 76 p.
(MIRA 13:11)

(House plants--Study and teaching)

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2. USER. (600)
4. Glass manufacture
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(Glass manufacture)

USVITSKIY, M.B.

Device for automatic temperature control in laboratory furnaces.
Stek. i ker. 19 no.1:16-20 Ja '62. (MIRA 15:3)
(Temperature regulators) (Glass furnaces) (Automatic control)

USVYATSEV, V. M., Eng.

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Set for coating electrotechnical iron with bakelite. Vest. mash., 32,
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SOKOLOVA, V.M., vrach

State of active antitetanic immunity in patients treated with
antibiotics. Trudy Khar. red. inst. no.50:307-310 '62.
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1. Kafedra epidemiologii (zav. - prof. M.A. Sobole'yev)
Khar'kovskogo medicinskogo instituta.

GOLANT, Sh., kand.tekhn.nauk (Leningrad); USVYATSEVA, B., inzh. (Leningrad)

Seamless mastic floors. Zhil.-kom. khoz.ll no.7f27 J1 '61.
(MIRA 14:7)
(Floors)

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Using ultrasonic equipment in cutting optical parts. Opt.-mekh.prom.
25 no.5:1-5 My '58. (MIRA 11:9)

(Ultrasonic waves--Industrial applications)

ZAS:AVSLOU. Vo;' Izrail'yevich; KORSKOV, Aleksandr Pavlovich;
USvyatskiy, Yefim Abramovich; BRYANTSEVA, V.P., inzh., ved.
red.; MARKOV, A.I., kand. tekhn. nauk, red.; PONOMAREV, V.A.,
tekhn. red.

[UZG-2 ultrasonic equipment for machining parts made of hard
materials]Ul'trazvukovaya ustanovka UZG-2 dlia obrabotki de-
talei iz tverdykh materialov. Moskva, Filial Vses.in-ta
nauchn. i tekhn.informatsii, 1958. 15 p. (Peredovoi nauchno-
tekhnicheskii i proizvodstvennyi opyt. Tema 8. No.M-58-267/4)
(MIRA 16:3)

(Ultrasonic metal cutting)

SCINGINA, O.A.; USVYATSOV, A.A.

Modified type of a reference electrode for amperometric titration.
Zav. lab. 30 no.11:1419-1420 '64 (MIRA 18:1)

1. Kazakhskiy gosudarstvennyy universitet.

USVYATSOV, A.A.; KOZLOV, V.M.

Automatic thermoregulating apparatus. Med. prom. 15 no.8:52-53 Ag '61.
(MIRA 14:12)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets".
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WBI, TZU-CH'U; KISELEV, M.A. [translator]; ASTAP'YEV, G.V., otvetstvennyy
redaktor; USVYATSOV, A.Ye., redaktor izdatel'stva; ASTAP'YEVA, G.A.,
tekhnicheskiy redaktor.

[Capital investments of the imperialists in China (1902-1945).
Translated from the Chinese] Kapitalovlozheniia imperialistov v
Kitae (1902-1945). Perevod s 3-go kitaiskogo izd. M.A.Kiseleva.
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(China--Foreign economic relations)

-- History)

MAYDANIK, K.L., kand. ist. nauk; KISLYAKOV, V.S., kand. ist. nauk;
 PETRANOVICH, I.M., kand. ekon. nauk; PESCHANSKIY, V.V., kand.
 ist. nauk; USVIATSOV, A.Ye., kand. ekon. nauk; KHOLODKOVSKIY,
 K.G.,; BURDZHALOV, F.E.; VIL'KHOVCHENKO, E.D.; MALOV, V.N.;
 PETROVA, Z.A.; ARZUMANYAN, A.A., glav. red.; TIMOFEYEV, T.T., zam.glav.
 red.; RYMALOV, V.V., red.; LYUBIMOVA, V.V., red.; SHEVLYAGIN,
 D.P., red.; VEYNBERG, F., red.; DANILINA, A., tekhn. red.

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1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhduna-
 rodnykh otnoshenii. 2. Sektor mezhdunarodnogo rabocheho i kom-
 munisticheskogo dvizheniya Instituta mirovoy ekonomiki i mezhdun-
 narodnykh otnosheniy (for Maydanik, Kislyakov, Petranovich,
 Peschanskiy, Usvyatsov, Kholodkovskiy, Burdzhhalov, Vil'khovchenko,
 Malov, Petrova).

(Labor and laboring classes)

LYUBIMOVA, V.V., doktor ekon. nauk; NOVIKOVA, O.G., kand. ekon. nauk;
SERGEYEVA, A.G., kand. ekon. nauk; IVANOV, N.P., kand. istor.
nauk; OBORINA, G.A., kand. ekon. nauk; KHLYNOV, V.N., kand.
ekon. nauk; DANILEVICH, M.V., doktor ekon. nauk; POKATAYEVA,
T.S., kand. ekon. nauk; USOV, G.A., kand. ist. nauk;
SAL'KOVSKIY, O.V., kand. geogr. nauk. Prinimali uchastiye:
PESCHANSKIY, V.V., kand. ist. nauk; PIROGOVA, I.M.; PRONIN,
S.V.; USVIATSOV, A.Ye.; MAKAROV, V., red.; DARONYAN, M.,
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talism]Real'naia zarabotnaia plata v period obshchego krizisa
kapitalizma. Moskva, Sotsekgiz, 1962. 558 p. (MIRA 16:3)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy.

(Wages)

FEDORENKO, N.P., otvetstvennyy redaktor; VAYNSHTEYN,
A.L., red.; MINTS, L.Ye., red.; URLANIS, B.TS., red.;
FOMIN, B.S., red.; USVYATSEV, A.Ye., red.; BAKOVETSKAYA,
V.S., red.; PLISKINA, Ye.M., red.; GUS'KOVA, O.M., tekhn.red.

[Planning and the methods of mathematical economics; on the
70th birthday of Academician V.S.Nemchinov] Planirovanie i
ekonomiko-matematicheskie metody; k semidesiatiletiyu so dnia
rozhdeniia akad. V.S.Nemchinova. Moskva, Izd-vo "Nauka,"
1964. 479 p. (MIRA 17:1)

1. Akademiya nauk SSSR. Otdeleniye ekonomicheskikh nauk.
2. Chlen-korrespondent AN SSSR (for Fedorenko).

ADLIVANKINA, R.Ya.; GLADTSINOV, B.N.; KACHEVSKIY, V.I.; STEPANOV,
P.I., otv. red.; USVYATSOV, A.Ye., red.

[Power engineering in the U.S.A.] Energetika SShA. Moskva,
Nauka, 1965. 258 p. (MIRA 18:6)

1. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy
AN SSSR (for Adlivankina, Gladtsinov, Kachevskiy).

SHLIKHTER, Artemiy Aleksandrovich (1902-1962); MARTYNOV, V.A.;
MEN'SHIKOVA, M.A.; USVIATSOV, A.Ye.

[Electrification of agriculture in the U.S.A.; travel notes]
Ob elektrifikatsii sel'skogo khoziaistva SShA; putevye za-
piski. Moskva, Nauka, 1965. 169 p. (MIRA 18:12)

USVYATSOV, B. Ya.

Bacteriocinogenic activity of some genera of the family
Coccaceae. Zhur. mikrobiol., epid. i immun. 43 no. 1:
108-111 Ja '66.

1. Orenburgskiy meditsinskiy institut. Submitted January 16,
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PA 59/49T16

USVYATSOV, M. M.

USSR/Medicine - Bronchial Asthma May 49
Medicine - Intravenous Injection

"Treatment of Bronchial Asthma With Intravenous
Injection of Sodium Salicylate," M. M. Usvyatsov,
Serpukhov Hosp imeni Semashko, 1 $\frac{1}{2}$ pp

"Klin Med" Vol XXVII, No 5

Cites three case histories with satisfactory
results from treatment for bronchial asthma
by intravenous injections of a 5% solution of
sodium salicylate. Admits that lack of
sufficient data does not permit complete
recommendations of this method of treatment.
Urges further study.

FOD

59/49T16

USVYATSOV, M.M.

Ozocerite treatment of peptic ulcers of the stomach and the duodenum. Vop. kur., fizioter. i lech. fiz. kul't 29 no.1: (MIRA 17:9)
77-78 '64.

1. Iz fiziiolechetnitsy (zav. M.M. Usvyatsov) Serpukhovskoy bol'nitsy (glavnyy vrach Ye.A. Dembrovskaya).

GOLANT, Sh., kand.tekhn.nauk; RIVINA, R., inzh.; USVYATSOVA, B., inzh.

Use of plastics in the major repair of buildings. Na stroi, Ros.
3 no.1:20 Ja '62. (MIRA 16:5)
(Apartment houses--Maintenance and repair) (Plastics)

IOFFE, R.S., kand.tekhn.nauk; USVIATSOVA, Ye.P., inzh.

Fluorescent lamps with improved color transmission. (MIRA 15:10)
Svetotekhnika 8 no.11:13-18 N '62.

1. Vsesoyuznyy svetotekhnicheskiy institut.
(Fluorescent lamps)

US, YAROV, O.G.

S/19C/60/002/01/06/021
B004/B061

24.1800

AUTHORS:

Kabin, S. P., Us'yarov, O. G.

82078

TITLE:

Application of the Ultrasonic Method in Determining the Concentration of Components in Polyethylene - Polypropylene Mixtures and in Copolymers of Ethylene and Propylene ¹

PERIODICAL:

Vysokomolekulyarnyye soyedineniya. '960, Vol. 2, No. 1, pp. 46-50

TEXT. The authors used longitudinal ultrasonic waves of 2 Mc/s in the temperature range from -60 to +80°C to determine the coefficient α of the amplitude absorption, in order to draw conclusions from this on the mechanical properties of the above mixtures and copolymers. The following experimental data are given: temperature dependence of α for polyethylene - polypropylene mixtures (Fig. 1); dependence of the maximum value of α on the concentration of polypropylene in polyethylene - polypropylene mixtures (Fig. 2); temperature dependence of α for

Card 1/3

Application of the Ultrasonic Method in
Determining the Concentration of Components
in Polyethylene - Polypropylene Mixtures and
in Copolymers of Ethylene and Propylene

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82078

ethylene - propylene copolymers (Fig. 3); dependence of the maximum value of α on the concentration of propylene in ethylene - propylene copolymers (Fig. 4). The authors drew the following conclusions from these data: Mechanical polyethylene - polypropylene mixtures show two ranges of mechanical losses which are determined by relaxation processes. One range of relaxation is caused by the presence of polyethylene, the other by that of polypropylene. The most probable relaxation time is not influenced by a change in the mixture ratio of both components. Ethylene - propylene copolymers show only one range of mechanical losses whose maximum is found at 50°C. The maximum α is linearly dependent on the concentration of propylene up to a propylene concentration of 40%. This fact can be used in the analysis of ethylene - propylene copolymers, and may also be used for other copolymers. There are 4 figures and 7 references: 6 Soviet and 1 German.

Card 2/3

Application of the Ultrasonic Method in
Determining the Concentration of Components
in Polyethylene - Polypropylene Mixtures and
in Copolymers of Ethylene and Propylene

3/190/60/002/01/06/021

B004/B061

82078

ASSOCIATION: Leningradskiy politekhnicheskii institut im. M. I.
Kalinina (Leningrad Polytechnical Institute named M. I.
Kalinin)

SUBMITTED: July 18, 1959

X

Card 3/3

US'YAROV, O.G.; LAVROV, I.S.; YEFREMOV, I.F.

Compacting of sediments in a static electric field. Koll. zhur.
27 no.5:787-788 S-O '65. (MIRA 18:10)

1. Leningradskiy tekhnologicheskii institut imeni Lensoveta.

USYCHENKO, T.A.; SHOR, R.M.

Make use of advanced machinery and technology in production.
Kozh.-obuv. prom. no.3:29-31 Mr '59. (MIRA 12:6)
(Leather)

USYCHENKO, T.; GORDON, S.

Only two labor shifts instead of three. Sots.trud 4 no.2:128-131
F '59. (MIRA 12:4)

1. Direktor Kiyevskogo kozhkombinata No.6 (for Usychenko).
2. Nachal'nik normativno-issledovatel'skoy laboratorii po trudu
(for Gordon).

(Kiev--Leather industry)
(Labor productivity)

USYCHENKO, T.A.; UMANSKIY, A.A.

Extensible metal clamps for leather stretching on frames. Kozh.-
obuv.prom. 3 no.9:31-33 S '61. (MIRA 14:11)

1. Direktor Kiyevskogo kozhevennogo kombinata (for Usychenko).
2. Nachal'nik tekhnicheskogo otdela Kiyevskogo kozhevennogo kombinata
(for Umanskiy).

(Leather industry--Equipment and supplies)

USYEVICH, M. A.

Brain.

Plasticity in the work of the cerebral hemispheres and its role in the organism's adaptation to the conditions of the medium surrounding it.

M. A. Ysyevich. Zhur. vys. nerv.deiat. 2 no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1953 2 Unclassified.

1. USYEVICH MA

2. USSR (600)

4. Vvedenskii, Nikolai Evgen'evich

7. In memory of Nikolai Even'evich Vvedenskiy. Zhur.vys.nerv.deiat. 2 no.6, 1952.

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

USYK, M. (Khar'kov).

System of the basic indices of the effectiveness of capital in-
vestments. Vop. ekon. no. 4:123-128 Ap '58. (MIRA 11:5)
(Investments)

USYK, M.A., kand. ekon. nauk, dotsent

Methods for using basic indices of the economic evaluation of new
machinery in construction. Trudy MIEI no.9:361-371 '58. (MIRA 11:6)

1. Khar'kovskiy inzhenerno-stroitel'nyy institut.
(Building--Estimates)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001858220016-8

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001858220016-8"

IL'YENKO, O.V., kand.tekhn.nauk; USYNIN, V.I., inzh.

The EMSS-1 electric analyzer for designing beams and frames.
Trudy RISI no.11:45-49 '58. (MIRA 13:5)

1. Taganrogskiy radiotekhnicheskii institut.
(Girders--~~Electromechanical~~ analogies)
(Structural frames--~~Electromechanical~~ analogies)

USYNIN, V.I., inzh.

Using the iteration method in modeling frames by means of
quadripole systems. Trudy RISI no.11:50-54 '58.. (MIRA 13:5)

1. Taganrogskiy radiotekhnicheskiy institut.
(Structural frames--Electromechanical analogies)

SOV/144-59-9-2/15

AUTHOR: Usynin, V.I., Aspirant

TITLE: Construction of Some Electrical Integrating Devices

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Elektromekhanika, 1959, Nr 9, pp 11-14 (USSR)

ABSTRACT: The ordinary linear differential equation is considered:

$$\Phi(X, Y, Y', \dots, Y^{(n-1)}, Y^{(n)}) = 0 \quad (1)$$

It is assumed that the equation is soluble with respect to the highest derivative:

$$Y^{(n)} = F + \sum_{k=1}^n A_k Y^{(n-k)}, \quad (2)$$

and that it can be represented by a system of equations:

$$(Y^{(n-k)})' = Y^{(n-k+1)} \quad (3)$$

$$k = 0, 1, 2, \dots, n.$$

In the above, F , A_k , $Y^{(k)}$ are single-valued continuous functions of the independent variable x , which can vary in the interval 0 to 1 . F and A_k are known functions. It is assumed that the particular integral of Eq (1) can be determined from the boundary

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SOV/144-59-9-2/15

Construction of Some Electrical Integrating Devices

conditions defined by Eq (4). It is further assumed that the interval 0 to 1 is divided into m segments having lengths h and that all its functions have discrete values corresponding to the dividing points of the interval (0,1). The integrals can therefore be replaced by corresponding sums which are defined by Eq (5), where B_r are constants and f_r are the values of $f(x)$ in the r-th point. The function $Y_1(k)$ can therefore be expressed by $Y_j(k)$. The dependence between these functions takes the form of Eqs (6), (7) or (8). If the integrals in Eqs (6), (7) and (8) and the coefficients in front of them are analogued by voltages and transfer coefficients of certain multipoles, a system for the integration of Eqs (3) and (1) is obtained. Integrators of this type are shown in Figs 1-3. These are suitable for the case when $j = i - 1$ and when the sum in Eq (5) is evaluated by the rectangular formula. The circuits of Figs 2 and 3 employ multi-winding transformers as the analoguing multipoles. Eq (2) is identical to the Volterra integral (see Eq 9). These can also be evaluated by the circuits of Figs 2 and 3. ✓

Card
2/3

SOV/144-59-9-2/15

Construction of Some Electrical Integrating Devices

The conditions expressed by Eq (4) can be realised by means of the circuit shown in Fig 4.

There are 4 figures and 6 Soviet references, 2 of which are translated from English.

ASSOCIATION: Kafedra teoreticheskoy i obshchey elektrotekhniki,
Kiyevskiy institut grazhdanskogo vozdušnogo flota
(Chair of Theoretical and General Electrical
Engineering, Kiyev Institute of Civil Aviation) ✓

Card 3/3

SUBMITTED: May 16, 1959

9.7000

S/144/60/000/007/004/007
E194/E455

AUTHOR: Usynin, V.I.

TITLE: Electrical Analogue Circuits for Deflected Beams

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy
Elektromekhanika, 1960, No.7, pp.47-50

TEXT: A quadripole analogue circuit for a static deflected beam was proposed by Pukhov in an article published in Izvestiya of Tomsk Polytechnical Institute in 1952. Foreign authors independently derived similar circuits. The idea of representing a deflected beam by a simple quadripole circuit prompted an investigation into the possibility of extending the technique to the modelling not only of the static deflected beam system but also some problems of dynamic beams. The present article considers other variants of analogue circuits for static deflected beams and is a logical development of the basic idea of representation by a quadripole analogue circuit. The previously-published system of equations (1) is given for the beam illustrated in Fig.1 which is subject to two bending moments, two support reactions and an arbitrary distributed load. By appropriate change of variables the simplified equations (2) and Card 1/3

S/144/60/000/007/004/007
E194/E455

Electrical Analogue Circuits for Deflected Beams

(3) are then written down. In these equations, the torques are treated as voltages or potentials and the angles of deflection as currents in an electrical circuit. It will be seen that the equation systems (2) and (3) then correspond to the quadripoles of Fig.2 and 3 respectively, as can easily be confirmed by applying Kirchoff's second law to the circuit of Fig.2 and his first law to the circuit of Fig.3. The circuits, which are analogues of a deflected beam, contain no negative impedances and do not require scales of different sign for input and output magnitudes as is the case with some previously-published analogues. The circuits may be converted to U-, T-, bridge- and other circuits in the usual way; examples are given in Fig.4 and 5. The method of determining the boundary conditions for the circuits of Fig.2 to 5 are then explained. Extension to the modelling of beam systems and frames is then briefly discussed. As a check on the analogue circuits, a number of simple problems were solved by their use. By way of example, the moments are determined in the frame of beams shown in Fig.7a, whose analogue circuit is shown in 7b. The circuit constants are given and the optical Card 2/3

S/144/60/000/007/004/007
E194/E455

Electrical Analogue Circuits for Deflected Beams

and experimental results are compared in Table 1. It will be seen that agreement is good; the main error is due to asymmetry of the emf and to the relatively low sensitivity of the measuring instrument. There are 7 figures, 1 table and 8 references: 5 Soviet and 3 English. ✓C

ASSOCIATION: Kiyevskiy institut grazhdanskiy vozdushnyy flota
(Kiyev Institute of Civil Aviation)

SUBMITTED: January 7, 1960

Card 3/3

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9.7200 (except 2602)

S/144/60/000/009/001/007
EO41/E135

AUTHOR: Usynin, V.I. (Aspirant)

TITLE: Some Electrical Differentiating Circuits and their Application to the Solution of Differential Equations

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1960, No. 9, pp 3-5, vol. 3

TEXT: A previous paper by the author (Ref. 5) has described the construction of certain integrating circuits. The present article outlines analogous uses of differentiating circuits. The equation considered is

$$y = f(x, y', y'', \dots, y^{(n)}) \quad (1)$$

whose particular integral is determined by an arbitrary linear combination of the values $y^{(k)}$ given in the interval $0 \leq x \leq l$. The value of the k order derivative at any point i can be found from the numerical formula

$$y_i^{(k)} = \sum_{\nu} A_{\nu} y_{\nu} + R, \quad (3)$$

where A_{ν} is a numerical coefficient and ν is a number in the Card 1/3

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E041/E135

Some Electrical Differentiating Circuits and their Application to the Solution of Differential Equations

series $0, 1, \dots, m$. The value of $y_1(k)$ may also be expressed by Eq. (4) where A_μ and μ have a similar meaning. It is supposed that $\mu = 0, \pm 1, \pm 2, \dots, \pm \gamma$. Then if the values of the functions in Eq. (4) and the corresponding coefficients are represented as voltages and transfer coefficients of certain multiples, we obtain the circuit of Fig. 1 where the multi-poles are multi-winding transformers whose turns ratios are determined by Eqs (3) and (5). The coefficients depend on the type of interpolation formula used and are to be found from Tables in Refs. 2 and 4. As shown in Ref. 3, Eq. (1) can be put in the form

$$y(x) = L(x, y(0), y'(0), \dots, y^{(n-1)}(0)) + \int_0^x K(x, \tau) y(\tau) d\tau, \quad (6)$$

Since the circuit of Fig. 1 gives the derivative values at all points of interest in the interval $0 \leq x \leq l$ the equation (6) can be solved as in Ref. (5). A practical advantage is that the

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E041/E135

Some Electrical Differentiating Circuits and their Application to
the Solution of Differential Equations

transformers work into practically open-circuit.
There are 1 figure and 5 Soviet references.

ASSOCIATION: Kafedra teoreticheskoy i obshchey elektrotekhniki,
Kiyevskiy institut grazhdanskogo vozdushnogo flota
(Chair of Theoretical and General Electrotechnology,
Kiyev Institute of Civil Aviation) ✓

SUBMITTED: December 2, 1959

Card 3/3

1.0 1.0
USYNIN, VALENTIN IL'UCH, aspirant

Differential analyzer using transformers. Izv. vys. ucheb. zav.;
elektromekh. 4 no.11:9-23 '61. (MIRA 14:12)

1. Kafedra teoreticheskoy i obshchey elektrotekhniki Kiyevskogo
instituta grazhdanskogo vozdušnogo flcta.
(Differential equations)
(Electronic differential analyzers)

BORTSOV, Yuriy Anatol'yevich, kand.tekhn.nauk, dotsent; USYNIN, Yuriy
Semenovich, assistant

Simulation of a system of optimum control of flying shears.

Izv. vys. ucheb. zav.; elektromekh. 6 no.6:662-670 '63.

(MIRA 16:9)

1. Kafedra elektrifikatsii promyshlennykh predpriyatiy Chelya-
binskogo politekhnicheskogo instituta.

(Automatic control) (Shears (Machine tools))

BYCHKOV, Vasilii Pavlovich, kand. tekhn. nauk, dotsent; USYNIN, Yuriy
Semenovich, aspirant

Modeling of the principal electric drives of a multishaft cold
rolling mill. Izv. vys. ucheb. zav.; elektromekh. 8 no.11:1257-
1265 '65. (MIRA 19:1)

1. Kafedra elektrooborudovaniya promyshlennykh predpriyatiy
Moskovskogo ordena Lenina energeticheskogo instituta.

TURPAYEV, T.M.; USYNINA, M.G.

Role of the sulphhydryl groups in the contractions of the heart muscle according to experiments with radioactive silver. Biofizika 1 no.1: 36-42 '56. (MLRA 9:12)

1. Institut morfologii zhivotnykh imeni A.N.Severtsova Akademii nauk SSSR, Moskva.
(MERCAPTO GROUP) (MUSCLE) (SILVER--ISOTOPES)