

A potential-impulse system of

S/799/62/000/002/001/011

trigger can operate only on the emitter-repeater, the shaping gate on an analogous shaping gate or a starting gate, the emitter-repeater either on the diode decoders or on the emitter-repeaters; the diode decoders control the impulse gates. The impulses and voltage levels in the links are standardized; (+) all noise-minimizing measures are taken. There are 6 figures and 2 Russian-language Soviet references.

Card 2/2

TITKOV, V.I.; BELINSKIY, M.L.; BUNCHUK, V.A.; BUT, P.P.; VINOGRADOV, A.P.;
KOPMAN, S.R.; KUKUSHKINA, B.N.; MATSKIN, I.A.; MOSKAL'KOV, I.I.;
MISHIN, B.V.; NADEZHDIR, M.D.; OLENEV, N.M.; ROZEN, S.N.; NOVIKOVA,
vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Handbook on oil tank equipment] Spravochnik po oborudovaniu
neftebaz. Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi
lit-ry, 1959. 463 p.

(MIRA 12:12)

(Petroleum--Storage)

KUKUSHKINA, T.

Concern over a young worker. Sov. profsoiuzy 20 no.4:30-31
F '64. (MIRA 17:3)

1. Sekretar' komiteta komsomola tsekha sborki i ispytaniya
motorov Yaroslavskogo motornogo zavoda.

KUKUSHKINA, T.I.

Determination of the absolute viscosity and limiting shearing strain of highly concentrated tomato products. Kons.i ov.prom. 15 no.7:34-35 J1 '60. (MIRA 13:6)

1. Odesskiy tekhnologicheskiiy institut pishchevoy i kholodil'noy promyshlennosti.
(Tomatoes) (Viscosity)

KUKUSHKINA, T.I.

Using the covers of tin containers as pickups in air leakage testing.
Izv.vys.ucheb.zav.; pishch.tekh. no.1:146-148 '63. (MIRA 16:3)

1. Odesskiy tekhnologicheskii institut pishchevoy i kholodil'noy
promyshlennosti, kafedra tekhnologicheskogo oborudovaniya
pishchevykh proizvodstv.

(Food, Canned--Testing)

KUKUSHKINA, T.I.

Hermetical sealing action exerted by the packing paste during the sterilization of nonhermetic tin containers. Kons. i ev. prem. no. 7:22-24 JI '63. (MIRA 16:9)

1. Odesskiy tekhnologicheskii institut pishchevoy i kholdil'noy promyshlennosti.

KURUSHKINA, V. A.

The consumption and replacement of protein substances
in experimental internal brain trauma. L. S. Cherkavova,
P. D. Koldobskaya and V. A. Kurushkina

Biochem. Lab., Inst. Physiol., AS BelSSR

KUKUSHKINA, V. A.

✓ Some indexes of the protein metabolism and the functional state of liver in patients suffering from cerebral tumors. L. S. Cherkasova, F. D. Koldobakaya, V. A. Kukushkina, and E. I. Shuyak (Inst. Physiol., Acad. Sci. White Russian S.S.R., Minsk). *Invest. Akad. Nauk Beloruss. S.S.R.* 1955, No. 3, 127-30 (in Russian).-- Data are presented for the amts. of total protein, albumin, globulin, fibrinogen, and the protein index; the activities of the proteolytic and aminolytic enzyme; and the amt. of amino acid N (mg. %) polypeptide and urea N fractions of the blood in 21 patients suffering from cerebral tumors. Non-protein N increases during the illness, the increase being due to the accumulation of polypeptides, since the amts. of free amino acids and urea remain nearly unchanged. The normal proportion of albumin to globulin is disturbed and the enzyme activities lowered; the detoxicating capacity of the liver (Quick-Pytel method) is also greatly decreased as a result of the illness. E. Wierhicki

Med

4
Biochem. Lab.

KUKUSHKINA, V.A.

CHERKASOVA, L.S.; KUKUSHKINA, V.A.; MIRONOVA, T.M.; REMBERGER, V.G.;
FOMICHENKO, K.V.

Effect of mechanical stimulation of gastric receptors on
metabolism. Trudy Inst. fiziol. AN BSSR 1:88-98 '56
(MLRA 10:5)

1. Laboratoriya biokhimi.
(STOMACH--INNERVATION) (METABOLISM)

KUKUSHKINA, V.A.

USSR/Human and Animal Physiology. Digestion.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36546.

Author : Cherkasova, L.S., Kukushkina, V.A., Mironova, T.M.
Reinberger, V.G., Fomichenko, K.V.

Inst : Institute of Physiology BSSR. *Lab of Biochem*
Title : The Effect of Mechanical Stimulation of Gastric
Receptors on Metabolic Processes Under Conditions
of Exclusion of Certain Areas of the Brain Cortex.

Orig Pub: Tr. In-taFiziol. AN BSSR 1956, 1, 180-193.

Abstract: The fasting glucose blood level (G) in dogs increased following removal of the premotor area of the cortex of the left hemisphere. Distension of the stomach prior to the operation lowered the fasting G level during the first 15 min and raised it somewhat after 30-45 minutes; following the operation, this produced

Card : 1/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927320005

... decrease of the level in the first
ing persisted much longer in the operated than in
the non-operated dogs. The appearance of gastric distension also
prevented the appearance of the maximum raise of
glycemia. The removal of the motor area of the
cortex of both hemispheres in rats produced storage
of glycogen in the liver and a marked increase in
and preorganic P; the content in the brain tissue of
creatinphosphoric P; the content of the muscle tissue re-
mained of the same intensity. The reaction to mechani-
cal stimulation of the receptors of the stomach in
operated rats and rabbits remained the same as in
non-operated animals.

Card : 2/2

USSR / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40974.

Author : ~~Kukushkina, V. A.~~
Inst : Physiological Institute, AS BSSR. - *Lab Biochem.*
Title : The Effect of Disturbances of the Structure and
Function of Three Analyzers on Some Indices of the
Carbohydrate Metabolism.

Orig Pub: Tr. in-ta fiziol. AN BSSR, 1956, 1, 208-213.

Abstract: The integrity of three analyzers- the auditory,
ophthalmic and olfactory in dogs - was disturbed.
Two, 4, 6, 8 and 12 months after the operation,
the blood sugar in the dogs remained unchanged,
but a marked slow down in the return of glucose

Card 1/2

KUKUSHKINA, V.A., Cand Biol Sci ~~KUKUSHKINA~~ (diss) "Effect
of disorders of structure and function of the three
analy^{ze upon}zers ~~on~~ carbohydrate metabolism." Minsk, 1958,
15 pp (Acad Sci Belorussian SSR. Inst of Biology)
100 copies (KL, 29-58, 130)

- 32 -

KUKUSHKINA, V.A.

Effect of a modified functional state of the cerebral cortex
on some aspects of carbohydrate metabolism. Trudy Inst.fiziol.
AN BSSR 3:162-168 '59. (MIRA 13:7)

1. Laboratoriya biokhimi Instituta fiziologii AN BSSR.
(CARBOHYDRATE METABOLISM) (CEREBRAL CORTEX)

KUKUSHKINA, Y. A., MALASHKO, V. I., TAIN, M. TU., POMICHENKO, K. V.,
CHERKASOVA, L. S., (USSR)

"Energetic Study of Carbohydrate Metabolism During Single
and Fractionated Co⁶⁰ Irradiation."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

KUKUSHKINA, V.A.

Changes in the respiration intensity of brain tissues in rabbits following fractional gamma irradiation. Dokl. AN BSSR 5 no.12: 572-574 D '61. (MIRA 15:1)

1. Institut fiziologii AN BSSR. Predstavleno akademikom AN BSSR V.A.Leonovym.
(BRAIN) (RESPIRATION) (GAMMA RAYS--PHYSIOLOGICAL EFFECT)

KUKUSHKINA, V.

Students' work with educationally neglected children. Vop. psikhol.
8 no.4:148-150 J1-Ag '62. (MIRA 16:1)

1. Pedagogicheskiy institut, Vladimir.
(Mentally handicapped children--Education)

PHASE I BOOK EXPLOITATION SOV/6156

Cherkasova, L. S., K. V. Fomichenko, T. M. Mironova, F. D. Koldobskaya,
V. A. Kukushkina, V. G. Remberger

Ioniziruyushcheye izlucheniye i obmen veshchestv (Ionizing Radiation and
Metabolism). Minsk, Izd-vo AN BSSR, 1962, 152 p. Errata slip inserted.
2,200 copies printed.

Sponsoring Agency: Akademiya nauk Belorusskoy SSR. Institut fiziologii.

Resp. Ed.: L. S. Cherkasova; Ed. of Publishing House: T. Zaytseva;
Tech. Ed.: A. Atlas.

PURPOSE: This book is intended for physicians, biologists, biochemists,
radiologists, and students of medical institutes.

COVERAGE: This monograph summarizes the results of the most recent in-
vestigations in the field of radiation biochemistry. Attention has been

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2

Ionizing Radiation and Metabolism

SOV/6156

focused mainly on problems of changes and disturbances in metabolic processes in the central nervous system, the endocrine system, the gastrointestinal tract, and the liver and muscles after irradiation of the animal organism with ionizing radiation.

TABLE OF CONTENTS:

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I. Mechanism of Biological Reaction to Irradiation	5
II. Effect of Ionizing Radiation on Central Nervous System	22
III. Effect of Ionizing Radiation on Endocrine System	75
IV. Effect of Ionizing Radiation on Metabolism in Liver	81
V. Effect of Ionizing Radiation on Biochemical Changes in Gastrointestinal Tract	114

Card 2/2

L 29835-66 EWT(m)

ACC NR: AP6012873

SOURCE CODE: UR/0205/66/006/002/0179/0184

AUTHOR: Cherkasova, L. S.; Koldobskaya, F. D.; Kukushkina, V. A.; Mironova, T. M.; Remberger, V. G.; Tayts, M. Yu.; Fomichenko, K. V.

ORG: Institute of Physiology, AN BSSR, Minsk (Institut fiziologii AN BSSR)

39
37

TITLE: ¹⁹Effect of neutron irradiation on tissue metabolism processes

B

SOURCE: Radiobiologiya, v. 6, no. 2, 1966, 179-184

TOPIC TAGS: neutron irradiation, radiation biologic effect, tissue physiology, ~~animal experiment~~ BIOLOGIC METABOLISM

ABSTRACT: In order to clarify the effect of neutron bombardment on carbohydrate, energy, and protein metabolism at relatively low doses, the changes in free and bound glycogen, glucose-1-phosphate, glucose-6-phosphate, fructose-1, 6-diphosphate, triose-phosphate, phosphopyruvate, ATP, creatine phosphate, phosphorylase, amylase, succinic dehydrogenase, respiratory quotient, and protein content were determined in the central nervous system, skeletal muscle, and liver of adult white rats 15 - 30 days after total body irradiation with neutrons having energies of 0.04 - 1.35 Mev (total dose of about 13 rad in 60 min).

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UDC: 577.391:539.125.5

L 29835-66

ACC NR: AP6012873

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While the glycogen content of the brain increased temporarily at 15 days and then decreased progressively, that of muscle decreased only at 15 days. The synthesis of bound glycogen was definitely inhibited 30 days after irradiation, and disruption of the coordination of glycogen metabolism was shown by the phosphorylase and amylase values. There were no significant changes in the phosphorylated intermediates of carbohydrate metabolism, but the reactions from glucose-6-phosphate through fructose-1, 6-diphosphate to triose-phosphate seemed to be inhibited in the brain, while that from glucose-1-phosphate to glucose-6-phosphate was accelerated in skeletal muscle. The levels of ATP and creatine phosphate were unchanged in the brain and somewhat increased in muscle. Although the changes in succinic dehydrogenase and QO_2 were insignificant, there was some increase in protein synthesis 30 days after irradiation. The neutron flux was measured by L. N. Uspenskiy and I. V. Filyushin. Orig. art. has: 5 figures and 5 tables. [08]

SUB CODE: 96 / SUBM DATE: 14Nov64 / ORIG REF: 005 / OTH REF: 004

ATD PRESS: 5013

Card 2/2 *h*

KUKUSHKINA, V.P.

Experimental research on the blood supply of the striate system.
Vopr. neirokhir. 20 no.1:14-23 Ja-F '56 (MLRA 9:6)

1. Iz laboratorii eksperimental'noy patofiziologii vyashey
nervnoy deyatel'nosti Instituta nevrologii Akademii meditsinskikh
nauk SSSR.

(BRAIN, blood supply
striate system arteries of dogs, anat. & histol.)

KUKUSHKINA, V.P.
ELOSOVSKIY, B.N.; VOLZHINA, N.S.; KUKUSHKINA, V.P.

Two methods of isolated bilateral destruction of subcortical structures including nucleus caudatus and putamen [with summary in English]. *Biul. eksp. biol. i med.* 4) no. 3:115-118 Apr '57. (MIRA 10:7)

1. Iz Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D.Sokolova-Ponomareva) i Instituta nevrologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.V.Konovalev). Predstavlena deystvitel'nyy chlenom AMN SSSR S.A.Sarkisovym.
(BASAL GANGLIA, surg.

globus pallidus, nucleus caudatus & globus pallidus,
isolation in animals, technic (Rus))

KUKUSHKINA, V.P.; BERGINER, V.M.

Effect of intravenous euphylline injection on the vessels of the pia mater, on general blood pressure, and on respiration in normal and arteriosclerotic rabbits. [with summary in French]. Zhur.nevr. i psikh. 57 no.8:995-1000 '57. (MIRA 10:11)

1. Laboratoriya eksperimental'noy patofiziologii (zav. - prof. B.N.Klosovskiy) i 1-ye klinicheskoye otdeleniye (zav. - prof. L.G.Ghlenov) Instituta nevrologii AMN SSSR, Moskva.

(AMINOPHYLLINE, effects,

on blood pressure, on pia mater blood vessels & on resp. in normal & arteriosclerotic rabbits (Rus))

(PIA MATER, blood supply,

vasc. system, eff. of aminophylline in normal & arteriosclerotic rabbits (Rus))

(BLOOD PRESSURE, effect of drugs on,

aminophylline in normal & arteriosclerotic rabbits (Rus))

(RESPIRATION, effect of drugs on, same)

(ARTERIOSCLEROSIS, experimental,

eff. of aminophylline on blood pressure, on pia mater blood vessels & on resp. in normal & arteriosclerotic rabbits (Rus))

BERGINER, V.M.; KUKUSHKINA, V.P.; LEBEDEVA, N.V.

Some data on the influence of intravenous use of euphyllin on cerebral blood circulation, arterial pressure, and respiration following acute insult and under experimental conditions. Trudy Gos. nauch.-issl. psikhonevr. inst. no.20:303-310 '59.
(MIRA 14:1)

1. Institut neurologii AMN SSSR, Moskva.
(AMINOPHYLLINE) (BRAIN---DISEASES)
(BLOOD PRESSURE) (RESPIRATION)

DRUZHININ, I.P. (Irkutsk); KONOVALENKO, Z.P. (Irkutsk); SUKUSHKINA, V.P.
(Irkutsk); KHAM'YANOVA, N.V. (Irkutsk)

Modeling of hydrologic series. Izv. AN SSSR. Energ. i transp. no.5:636-
643 S-O '64. (MIRA 17:12)

188T104

KUKUTS, N.

USSR/Radio - Exhibitions

Mar 51

"Sverdlovsk Exhibition of Radio Amateur Talent,"
N. Kukuts

"Radio" No 3, p 12

About 60 exhibits were shown, including radios, radio-phonographs, measuring instruments, etc. Special mention was given to portable receiver with push-button tuning and device for sound recording on celluloid plate. Radio amateurs of Nizhniy Tagil also participated in the exhibition.

188T104

KUKUY, A.

Continuous production line for the processing of adipose tissue
from the intestines of cattle. *Mias.ind. SSSR* 24 no.6:21-23 '53.
(*MLBA* 6:12)

1. Leningradskiy myasokombinat.
(Oils and fats) (Packing-house products)

MAL'TSEV, V.F.; LUK'YANENKO, L.P.; KUKUY, D.M.

Rapid photocolometric determination of aluminum in
copper-zinc alloys. Zav.lab. 27 no.7:807-808 '61.
(MIRA 14:7)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.
(Aluminum--Analysis) (Copper-zinc alloys)

KUKUYASHCHYY, V. G., Eng.

Lightning Arresters

Experience gained in repairing tube arresters RT 110-35 KV. Rab.
energ. 2, No. 6, 1952.

Unclassified.

Monthly List of Russian Accessions, Library of Congress, December, 1952.

KUKUYEV, A.I.

Phenomena of the erosion and redeposition at rocks in the Upper
Cretaceous dislocations near Saratov. Uch.zap. SGU 74:107-108
'60. (MIRA 15:7)

(Saratov region--Erosion)
(Saratov region--Sedimentation and deposition)

KUKUYEV, A.I.

Genesis of the Vol'sk land phosphate rocks. Uch.zap. SCU 74:
243-244 '60. (MIRA 15:7)
(Vol'sk region--Phosphates)

KUKUYEV, L.A.

36400. Prioritet russkogo uchenogo. (Metod zamorazhivaniya tkaney dlya gistol.
Izucheniya, predlozh. P. V. Rudanovskim v 1865 G.) Nevropatologiya i psikhatriya,
1949, No. 5, S. 67-68

KUKUYEV, L. A. I SNEZAREV, P. YE.

SO: Letopis' Zhurnal'nykh Statey. No. 49, 1949

PA 149773

KUKUYEV, I. A.

USSR/Medicine - Scientific Ideology Jan/Feb 49
Brain Studies

"Conference of the Council of the Brain Institute," I. A. Kukuyev, N. S. Preobrazhenskaya, 6 pp

"Neuropatol i Psikiat" Vol XVIII, No 1

Three sessions in Sep and Oct 48 were devoted to a report by Acad T. D. Lyenko, "On the State of Biological Science," stating basis of Mchurin-Lyenko doctrines and need to destroy bourgeois ideas. Professors V. S. Rusinov, S. M. Blinkov, G. I. Polyakov, and others including the chairman,

149773

USSR/Medicine - Scientific Ideology Jan/Feb 49
(Contd)

Prof S. A. Sariksov, Active Mem, Acad Sci USSR, made reports on the same theme.

149773

KUKUYEV, L.A.

~~SHmar'ian's~~
SHmar'ian's "Brain pathology and psychiatry" and certain aspects
of cyto-architectonics. Nevropat. psikhiat., Moskva 20 no.2:78-82
Mar-Apr 1951. (CIML 20:9)

KUKUYEV, L. A.

Evolution of the nervous system. Zh. nevropat. psikiat., Moskva
52 no.4:12-20 Apr 1952. (CIML 22:2)

1. Candidate Medical Sciences. 2. Of the Institute of the Brain,
Ministry of Public Health USSR (Director -- S. A. Sarkisov, Active
Member of the Academy of Medical Sciences USSR).

KUKUYEV, L.A.

Evolution of the nucleus of the motor analyzer and of sub-cortical ganglia. Zhur.vys.nerv.deiat.3 no.5:765-773 S-0 '53.
(MLRA 7:2)

1. Institut mozga Ministerstva zdravookhraneniya SSSR.
(Nervous system)

1. KUKUYEV, L. A.
2. USSR (600)
4. Nerves
7. Synapses and reversible changes in nerve cells. A. D. Zurabashvili.
Reviewed by L. A. Kukuyev. Arkh. anat. gist. i embr. 30, No. 1, 1953.

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

KUKUYEV, L. A.

"The Accomplishment of the Resolutions on Neurology Reached at Meeting of the Academy of Sciences and the Academy of Medical Sciences of the USSR," Zhurn. nevropat. i. psikh., Moscow, Vol 53 (1953), No 7, pp 491-494 (2 lit.).

Abstract, M-670, 27 Jul 55

KUKUYEV, L.A.

KUKUYEV, L.A.; ABOVYAN, V.A.

Critical remarks on certain views on the localization of consciousness (Brain, 1953) Zhur.nevr.i psikh. 54 no.4:362-363 Ap '54.

(MLBA 7:5)

(CONSCIOUSNESS,

"localization of centers in brain)

(BRAIN, physiology;

"localization of consciousness centers)

SARKISOV, Seman Aleksandrovich; FILIMONOVA, I.N., redaktor; KONONOVA, Ye.P., redaktor; PReOBRAZHENSKAYA, N.S., redaktor; KUKUYEV, L.A., redaktor; ZAMBZHITSKIY, I.A., redaktor; GABERLAND, M.I., tekhnicheskii redaktor.

[Atlas of the cyto-architectonics of the human cerebral cortex]
Atlas tsitoarkhitektoniki kory bol'shogo mozga cheloveka. Pod red. S.A.Sarkisova, 1 dr. Moskva, Gos.izd-vo meditsinskoi lit-ry, 1955. 276 p.--- Supplement, 203 plates. (MLRA 9:1)

1. Akademiya meditsinskikh nauk SSSR. Institut mozga.
(CEREBRAL CORTEX)

KUKUYEV, L.A.

Journal on the study of the brain. ("Journal fuer Hirnforschung,"
Academie - Verlag, Berlin. Reviewed by L.A.Kukuev). Zhur.nevr.i
psikh. 55 no.3:230-234 '55. (MLRA 8:7)
(BRAIN)

KITTELVEY, I. A.

5448 Lee-Mason
1977
1974
It is known that
mammals do not
degenerate
not also from
of the periphery
the growth of
the cortex
with subcortical
The degree of
of the cortex
cortical laminations do not
anatomical order even in human ontogenesis, that the rates of
their development are different from those of the cortical areas of
the nucleus of the motor analyzer. As an example of anti- and
phylogenetic development of the motor analyzer there may be
taken the comparison of the motor analyzer of the monkey and
and brain of the human. The motor analyzer of the monkey is
the motor analyzer of the human. The motor analyzer of the monkey
performs the same functions as the motor analyzer of the human.

KUKUYEV, L.A., kandidat meditsinskikh nauk.

Evolution of the nervous system. Nauka i zhizn'.23 no.3:43-46
Mr '56. (NERVOUS SYSTEM) (MIRA 9:7)

KUKUYEV, L.A.; KHACHATURYAN, A.A.

"Consequences of prefrontal leukotomy in schizophrenia." IU.G.
Shevchenko. Reviewed by L.A. Kukuev, A.A. Khachaturian. Zhur.
nevr. i psikh. 56 no.1:56-57 '56. (MLBA 9:4)

(SCHIZOPHRENIA) (BRAIN-SURGERY) (SHEVCHENKO, IU.G.)

KUKUYEV, L.A. (Moskva)

~~Charles Darwin~~, 1809-1882. Zhur.nevr.i psikh. 54 no.4:438-442 '57.
(DARWIN, CHARLES, 1809-1882) (MLRA 10:7)

KUKUYEV, ~~K~~L.A., Doc Med Sci -- (diss) ^{Conclusions} "Relation of the
cortical nucleus of the motor analy^zor and ~~of~~ the adjacent
subcortex in the process of ^{human} development ~~in man~~." Mos, 1958, 20 pp
(Acad Med Sci USSR) 200 copies (KL, 42-58, 117)

- 54 -

CHERNOVA, Anne Dmitriyevna, spetsialist-defektolog; KUKUYEV, L.A., red.;
BUL'DYAYEV, N.A., tekhn.red.

[Restoration of speech in brain diseases] Vosstanovlenie rechi
pri zabolevaniakh golovnoy mozga. Moskva, Gos.izd-vo med.lit-ry
Medgiz, 1958. 116 p. (MIRA 13:1)
(BRAIN--DISEASES) (SPEECH THERAPY)

RUSETSKIY, Iosif Iosifovich; KUKUYEV, L.A., red.; ZUYEVA, N.K., tekhn.red.

[Vegetative nerve disorders] Vegetativnye nervnye narusheniia.
Moskva, Gos.izd-vo med.lit-ry, 1958. 351 p. (MIRA 13:4)
(NERVOUS SYSTEM, AUTONOMIC--DISEASES)

KUKUYEV, L.A.

"Brain and hyman behavior" [in English]. Reviewed by L.A. Kukuev.
Zhur.nevr. i psikh. 59 no.2:244-247 '59. (MIRA 12:4)
(BRAIN) (HUMAN BEHAVIOR)

KUKUYEV, L.A.; ABOVYAN, V.A.

Use of aminazine in spastic paralysis following insultus [with
summary in French]. Zhur.nevr. i psikh. 59 no.2:182-184 '59.
(MIRA 12:4)

1. Laboratoriya patologii nervnoy sistemy cheloveka (zav. L.A.
Kukuyev) Instituta mozga AMN SSSR i nevrologichskoye otdeleniye
(zav. N.V. Pal'tsveyg) bol'nitsy No. 23 im. Medsantrud, Moskva.

(CHLORPROMAZINE, ther. use,
spastic paralysis (Rus))

(PARALYSIS, ther.
chlorpromazine in spastic paralysis (Rus))

KUKUYEV, L.A.

"Nervous diseases and social relations" [in German] by Ch. Astrup.
Reviewed by L.A. Kukuev. Zhur. nevr. i psikh 59 no.5:631-632 '59.
(MENTAL ILLNESS) (ASTRUP, CH.) (MIRA 12:7)

SARKISOV, S.A., prof., red.; FILIMONOV, I.N., red.; KUKUYEV, L.A., doktor
med. nauk, red.; SOVETOV, A.N., red.; ZAKHAROVA, A.I., tekhn. red.

[Some theoretical problems of the structure and activity of the
brain] Nekotorye teoreticheskie voprosy stroeniia i deiatel'nosti
mozga. Moskva, Medgiz, 1960. 177 p. (14:12)

1. Deystvitel'nyy chlen Akademiy meditsinskikh nauk SSSR (for Sarki-
sov, Filimonov).

(BRAIN)

BOGOLEPOV, N.K., prof., red.; KUKUYEV, L.A., red.; ROMANOVA, Z.A.,
tekhn.red.

[Disability evaluation in nervous and mental diseases]
Ekspertiza trudosposobnosti pri nervnykh i psikhicheskikh
sabolevaniakh. Moskva, Gos.izd-vo med.lit-ry, 1960. 343 p.
(MIRA 13:5)

(NERVOUS SYSTEM--DISEASES) (MENTAL ILLNESS)
(DISABILITY EVALUATION)

KUKUYEV, L. A.; MATVEYEVA, T. S.; ABOVYAN, V. A.

Two types of disorders in focal vascular lesions of the brain beyond the limits of the principal focus. Nauch. trudy Inst. nevr. AMN SSSR no.1:450-456 '60. (MIRA 15:7)

1. Laboratoriya patologii nervnoy sistemy cheloveka Instituta mozga AMN SSSR, direktor - prof. S. A. Sarkisov.

(CEREBROVASCULAR DISEASE)

KUKUYEV, L.A., doktor med.nauk

Peripheral nervous system. Zdorov'ie 6 no.7:9-10 Je '60.

(MIRA 13:7)

(NERVOUS SYSTEM)

KUKUYEV, L. A.

KUKUYEV, L.A.; MATVEEVA, T.S.; ABOVYAN, V.A.

Pyramidal tract in the system of the motor analyzer. Zhur. nerv. i psikh. 60 no. 2:129-134 '60. (MIRA 14:4)

1. Laboratoriya patologii nervnoy sistemy cheloveka (zav. L.A. Kukuyev) Instituta mozga (dir. - prof. S.A. Sarkisov) AMN SSSR, Moskva.

(PYRAMIDAL TRACT) (MOVEMENT (PHYSIOLOGY))

KUKUYEV, L.

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Zhur. nevr. i psikh. 50 no.3:376-377 '60. (MIRA 14:5)
(NERVOUS SYSTEM) (STRONG) (ELWYNS)

SHMIDT, Ye.V., red.; TKACHEV, R.A., red.; KUKUYEV, L.A., red.;
MIRONOVA, A.M., tekhn. red.

[Problems in the clinical aspects and pathophysiology of
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logii afazii. Pod red. E.V.Shmidta i R.A.Tkacheva. Mo-
skva, Medgiz, 1961. 175 p. (MIRA 15:10)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut nevro-
logii.

(APHASIA)

SARKISOV, S.A., red.; KUKUYEV, L.A., red.; POLYAKOV, G.I., red.;
PREOBRAZHENSKAYA, N.S., red.; STANKEVICH, I.A., red.;
TROFIMOV, L.G., red.; ARKHANGEL'SKIY, Yu.V., red.; LYUDKOVSKAYA,
N.I., tekhn. red.

[Structure and function of the analysors of man in ontogenesis]
Struktura i funktsiia analizatorov cholovoka v ontogeneze; trudy.
Pod obshchei red. S.A.Sarkisova. Moskva, Medgiz, 1961.
296 p. (MIRA 15:12)

1. Rasshirennaya nauchnaya konferentsiya instituta mozga, 1959.
2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Sarkisov).
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(SENSE-ORGANS) (ONTOGENY)

KUKUYEV, L.A.

"Principles of neuropathology" by S.S. Liapidevskii. Reviewed by
L.A. Kukev. Zhur. nerv. i psikh. 61. no. 1:155 '61. (MIRA 14:4)
(NERVOUS SYSTEM--DISEASES) (LIAPIDEVSKII, S.S.)

BEYN, E.S.; GERTSENSHTEYN, E.N.; RUDENKO, Z.Ya.; TAPTAFOVA, S.L.;
CHERNOVA, A.D.; SHOKHOR-TROTSKAYA, M.K.; KUKUYEV, L.A.,
red.; KUZ'MINA, N.S., tokhn. red.

[Handbook on the recovery of speech by persons affected with
aphasia] Posobie po vosstanovleniiu rechi u bol'nykh afaziei.
Pod red. E.S.Bein. Moskva, Medgiz, 1962. 335 p.

(MIRA 15:5)

(APHASIA) (SPEECH THERAPY)

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Zhur. nevr. i psikh. 64 no.3:476 '64. (MIRA 17:5)

KUKUJEV, L.A.

Conference on the topic "Motor analyzer and its connections in
morphological, physiological, and clinical aspects." Zhur. nevr.
i psikh. 65 no.8:1274-1276 '65. (MIRA 18:8)

KUKUYEV, Ye.M.; YEFIMOV, V.F.; FLIORIN, B.S., otv.red.; VALENTINOV,
A.M., red.; ABRAMYAN, A.A., red.; KISELEV, M.A., red.; METLIN,
V.A., red.; ANDREYEV, G., tekhn.red.

[Handbook with nomenclature and prices for materials and equipment
used in the coal industry] Nomenklaturnyi spravochnik i tseny na
materialy i oborudovanie, primeniemye v ugol'noi promyshlennosti.
Moskva. Group 2. [Nonferrous metals] TSvetnye metally. 1950.
275 p. (MIRA 13:4)

1. Russia (1923- U.S.S.R.) Ministerstvo ugol'noy promyshlennosti.
(Nonferrous metals)
(Coal mines and mining--Equipment and supplies)

KUKUYEVITSKAYA, A.

Result of work on health education in schools of the Pechersk
District in Kiev. *Pediatrics* 36 no.10:62-64 0 '58 (MIRA 11:11)

1. Iz detskoy bol'nitsy Pecherskogo rayona Kiyeva (glavnyy vrach
A. Kukuyevitskaya).
(HEALTH EDUCATION,
in Russia (Rus))

KUKUYEVITSKIY, V. A.

4299* Residual Stresses in Piston Pins Made of Steel 41 by Induction Surface Hardening. Ob ostatochnykh napriazheniyakh v porshnevnykh pal'tsakh, izgotovlennykh iz stali 41 pri povetchnosti induktsionnoi zashchity. (Byanson, S. F., Carl and V. A. Kukuyevskii. Zhurnal Tekhnicheskoi Fiziki, v. 24, no. 10, Oct. 1954, p. 1530-1543. Microhardness; depth of tempered layer. Graphs. 5 ref.

KUKUYEVITSKIY, V. A.

GARF, S.; KUKUYEVITSKIY, V.

Repairing tappet guides on the GAS-51 engine. Avt.transp. 32.
no. 5:32 My '54. (MJRA 7:7)

1. Ukrainskiy dorozhno-transportnyy nauchno-issledovatel'skiy institut.
(Gas and oil engines--Repairing)

KUKVA, T.V.

RT-679 Transient process at a sudden short circuit of a shunt generator
Perekhodnyi protsess pri vnezapnom korotkom zamykanii shuntovogo generatora.
Vestnik Elektronromyshlennosti, (9): 32-34, 1940.

KUKVA, T. V.

PA 26T7

USSR/Electricity
Motors, Direct current
Mathematics Applied

Apr 1947

"Rapid Decrease of Speed of a DC Motor Due to
Suddenly Applied Loads," T. V. Kukva, Engr, VEI,
2 pp

"Vest Elektro-Prom" No 4

Mathematical discussion of the change in momentum
which occurs in any type of electric motor when
there is a sudden change of load. The basic formula
for calculating this change is $\Delta M = \int \Delta M dt$
 $\Delta M = M_1 - M_2$ is the difference of the moment of the

ID

26T7

USSR/Electricity

(Contd)

Apr 1947

start of the engine (M_1 is the moment of
revolution, and M_2 the external force) and θ
the moment of inertia of the moving mass. Has
three graphs which show the change of speeds for
various periods of time.

ID

26T7

KUKVOZ, L.G.

Ascariasis in Zaporozh'ye Province and means for its eradication.
Med.paraz.i paraz.bol. 33 no.4:447-452 J1-Ag '64.

(MIRA 18:3)

1. Zaporozhskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.

BELIKOV, V.G.; LUK'YANCHIKOVA, G.I.; BERNISHTEYN, V.N.; KUL' I.Ya.

New qualitative reactions for apressine. Aptech. delo 12 no.3:
60-62 My-Je'63 (MIRA 17:2)

1. Pyatigorskiy farmatsevticheskiy institut.

KUL, J.

Some physical and mechanical properties of Carboniferous rocks in
Upper Silesia. p, 473
A list of state standards. p. 480

No. 10, Oct. 1955

PRZEGLAD GEOLOGICZNY
Warszawa

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

MUSIL, Frantisek, doc., inz.; KULA, Bohumir

Problems of the quality of G-type panel constructions. Poz
stavby ll no.5:229 '63.

KULA, Bohumir

Urgent tasks of panel house construction research. Poz
stavby ll no.5:285-286 '63.

1. Vyzkumny ustav stavebni, Gottwaldov.

MUSIL, F., doc., inz.; KULA, Bohumir

Surface treatment and finishing work in panel housebuilding.
Poz stavby 11 no. 6:328 '63.

1. Vyzkumny ustav stavebni Gottwaldov.

KULA, J.

The foreman of furnacemen must be everywhere; an opinion in the discussion on resolutions for the Congress. p. 63. (WIADOMOSCI HUTNICZE, Vol. 10, No. 3, Mar. 1954, Stalinogrod, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KULA, Jaroslav

Device for measuring earth contents in suction dredgers.
Jaderna energie 6 no.5:168 My '60.

1. Tesla Liberec, Vyzkumny ustav v Premysleni u Prahy.

KULIA, J., AND OTHERS.

New flow sheet for treating naphthalene and phenol oils.

p. 33 (Koks, Smola, Gaz. Vol. 1, no. 1, Jan./Mar. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,
February 1958

Kula, Jozef
POLAND / Chemical Technology, Chemical Products and Their
Application; Part 3: - Treatment of Solid Combustible
Minerals.

H-21

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12455.

Author : Jozef Kula, Oswald Wieczorek.

Inst : Not given.

Title : Chlorine in Tar and in Its Distillation Products.

Orig Pub : Koks, smola, gaz, 1957, 2, No 1, 32 - 33.

Abstract : The analytical determination of Cl contents in samples of raw tar from Polish by-product-coke works and in products of fractional distillation of these tars was carried out; a tentative balance of Cl distribution among the distillation products was made and it was shown that only 1/3 to 2/3 of chlorine contained in tar passed into pitch and that the

Card 1/2

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F/013/60/000/005/002/004
B130/B220

S.3400

2209

AUTHOR: Kula, Józef, Engineer
TITLE: Production of 1,3,5-xylenol
PERIODICAL: Chemik, no. 5, 1960, 208

TEXT: The author describes the isolation of the 1,3,5-xylenol isomer (I) from a xylenol (II) fraction boiling between 216 and 223°C. The xylenol fraction with slight admixtures of m- and p-cresol has been used in the industry up to the present for the production of plastics, adhesives, and bakelite, since it forms resins with formaldehyde. Moreover, (II) is used for disinfection purposes, impregnation of wood, and selective refining. Several isomers are used for special purposes, e.g., for light stabilizers, special plastics, intermediate products for dyes, etc. The pharmaceutical team in Warsaw has synthesized a new disinfectant based on (II). The necessity arose of working out a method for the isolation of (I) from the xylenol fraction. A selective extraction with NaOH was used. A stoichiometric volume of 25% NaOH corresponding to 30% (I) was added to

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Production of 1,3,5-xyleneol

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(II) which contained 18% (I). Then the mixture was heated and after stirring cooled to the lowest possible temperature (10-20°C). The crystals were sucked off and centrifuged, washed with NaOH and recrystallized, separated by 30% HCl or H₂SO₄, and neutralized with soda. The xyleneol was distilled off. The main fraction contained 90% 1,3,5-xyleneol. The yield amounted to 42%. The product was used for the preparation of 4-chloro-3,5-dimethyl phenol. There are 2 tables.

ASSOCIATION: Laboratorium Z.K. "Hajduki"

Card 2/2

KULA, Jozef; DESOL, Roman

Chromatographic analysis as applied to coal tar derivative products. Koks 8 no.5:164-170 S-0 '63.

1. Zaklady Koksochemiczne Hajduki, Katowice.

KULA, Konrad, inz.

Mechanization of the construction and repair of railroad tracks
in industrial plants and access lines. *Siad hut 16 no.6:186-*
190 Je '60.

Country: Czechoslovakia

Academic Degrees:

VUSHP [presumably Vojensky ustav pro choroby plieni; Military Hospital for
Affiliation: Pulmonary Diseases], in Nova Polianka. Director: O. HALAK, MD.

Source: Prague, Rozhledy v Tuberkulose a v Nemocich Plienich, No 4, Apr 61, pp 281-288

Data: "The Significance and Evaluation of Some Cytochemical Tests for Mycobacteria"

GPO 981643

KULA, O.

Czechoslovakia

Military Institute for Diseases of the Lungs --
Nová Polianka (Vojensky ústav pre choroby
pl'úc -- Nová Polianka); Director: O. HAL'ÁK,
MD

Bratislava

Prague, Lekársky Obzor, No 11, 1962, pp 633-638

"Changes in the Biochemical Properties of Myco-
bacterium Tuberculosis Due to Isoniazide Treat-
ment."

CEKULINA, A.; LASIS, A.; SKARDS, V.; TILAKS, S.; INTAITIS, E.;
KELPIS, E.; SALMANIS, A.; REINIKOVS, I.; KARKLINS, J.;
ABOLINS, J.; KULA, P.; TIMSANS, S.; JESPERINS, L.;
KRUSIS, R.; KLAVINS, E., red.

[Overall mechanization of dairy farms] Piena lopu farmu
kompleksa mehanizacija. Riga, Latvijas Valsts izdev-
nieciba, 1964. 309 p. [In Latvian] (MIRA 18:7)

KULABACHNAYA

Category: USSR / Farm Animal Diseases Caused by Bacteria and Fungi. V-2

Abs Jour: Refer. Zhur-Biologiya, No 16, 1957, 72292

Author : Lysenko, Tsybal, Kulabachnaya

Inst : Not given

Title : The Study of Preventive and Healing Properties of Bivalent Immune Sera of Paratyphoid and B. Coli in Calves, Prepared by Different Methods, as Applied to Calves.

Orig Pub: Nauch. Tr. Ukr. In-t Experim. Vet., 1956, 23, 205-215

Abstract: In thorough tests with calves it was found that the antiparatyphoid and Anti- B. Coli sera, prepared by the "UIEV" method, in its prophylaxis and treatment surpasses the serum prepared by the method of "GNKI" in the treatment of calves. The latter, with its preventive effect, possesses the property of complicating in a number of cases the specific infectious process.

Card : 1/1

-12-

KULABUKHOV, O., mayor, kand. tekhn. nauk.

What must be known about concreting. Tankist no.4:57 Ap '58.

(Concrete)

(MIRA 11:5)

KULABUKHOV, O., kand.tekhn.nauk, podpolkovnik

Organization of a medical post. Tyl i snab. Sov. Voor. Sil 21
no.7:33-37 J1 '61. (MIRA 14:8)

(Hospitals, Military)

AM4016858

BOOK EXPLOITATION

S/

Kulabukhov, Oleg Dmitriyevich (Lieutenant Colonel, Candidate of Technical Sciences)

Prefabricated reinforced-concrete fortifications (Sberny*ye zhelezobetonny*ye fortifikatsionny*ye sooruzheniya) Moscow, Voenizdat, 1963. 109 p. illus. 4500 copies printed. Editor: Mashevskiy, V. F. (Colonel); Technical editors: Chapayeva, R. J.; Proofreader: Komarova, L. P.

TOPIC TAGS: prefabricated structure, reinforced concrete structure, concrete composition, military installations, camouflage, fortification

PURPOSE AND COVERAGE: This brochure is intended for soldiers and both commissioned and noncommissioned officers, as well as for military students. The purpose of the booklet is to acquaint the military reader with designs of prefabricated reinforced-concrete fortifications and the methods of their manufacture and use when erected in position. The brochure also contains many recommendations that may be useful to troops when erecting different structures made of prefabricated reinforced-concrete elements.

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AM4016858

SUB CODE: AD, MA

SUBMITTED: 21Jan63

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OTHER: 00

DATE ACQ: 20Dec63

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ACCESSION NR: AR4023768

S/0274/64/000/001/A082/A082

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 1A541

AUTHOR: Timokhin, L. A.; Trubinkov, V. R.; Kulabukhov, Yu. S.

TITLE: Recording system of a pulse height analyzer with ferrite core memory

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektronike. T. 2. Ch. 2. M., Gosatomizdat, 1963, 47-52

TOPIC TAGS: pulse height analyzer, analyzer recorder, analyzer memory, ferrite core memory, current coincidence circuit, transformerless matrix drive

TRANSLATION: The memory of the described apparatus for the recording of a pulse-height analyzer signal employed a current coincidence system. To eliminate the dependence of the reading and writing cur-

Card 1/2

ACCESSION NR: AR4023768

rents on the information in the channel, a transformerless matrix drive is used (the generator currents are fed directly to the coordinate buses of the matrix). The coding system is binary-decimal; the address unit is made of vacuum tube flipflops. The address circuit makes it possible to scan the channels in the forward and backward directions. The data can be read out on an oscilloscope, on neon indicators, or on a number-printing mechanism. Systems for 128 and 256 channels with capacities 10^5 and 10^6 respectively have been developed. The block diagram of the recorder and the circuit of the matrix drive and other units are presented. Bibliography, 5 titles.

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ENCL: 00

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Card 2/2

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DIAAP/110(c) NW

5

ACC NR: AP6007812

SOURCE CODE: UR/0120/66/000/001/0053/0061

AUTHOR: Anufriyenko, V. B.; Devkin, B. V.; Ivanov, A. A. Kotel'nikova, G. V.;
Kulabukhov, Yu. S.; Lovchikova, G. N.; Sal'nikov, O. A.; Tiseokhin, L. A.;
Petisov, N. I.

44

36

B

ORG: Institute of Physics and Power Engineering, GKAE (Fiziko-energeticheskiy
institut GKAE)

TITLE: Neutron transit-time spectrometer

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1966, 53-61

TOPIC TAGS: spectrometer, neutron spectrometer

ABSTRACT: A new fast-neutron transit-time spectrometer is described which can
measure a neutron spectrum from 100 kev to 14 Mev. Monochromatic 14-Mev neutrons are
produced by a $T^3(d, n)He^4$ reaction; deuteron energy, 250 kev; deuteron-pulse
duration, 7 nsec; beam interruption before acceleration is used (sketch supplied).
The neutron detector and electronic equipment are briefly described. The spectro-
meter resolution determined from a δ -peak is 4 nsec/m; channel width, 2.12 nsec;
integral nonlinearity, 0.25%. From a time-to-pulse-height converter, the signals are
fed to a 256-channel analyzer. The resolution time is 8 nsec; transit base, 2 m;
linear dynamic range, 400 nsec. The photomultiplier is equipped with a noise-
elimination device, and the detector is well protected from the background noise.

Cord 1/2

UDC: 539.1.078:539.125.5

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ACC NR: AP6007812

both features ensuring a high effect-to-background ratio when 100-kev neutrons are measured. The spectrometer operation is illustrated by a spectrum of neutrons inelastically scattered by Mn. "In conclusion, the authors wish to thank B. S. Novikovskiy and Ye. P. Ukraintseva for tending the accelerator operation, V. G. Zolotukhin for discussing the spectrometer efficiency, and N. S. Biryukov, M. D. Bityutskaya, V. A. Rumyantseva, A. M. Trufanov, and Ye. S. Chernichenko for their part in measurements and data processing." Orig. art. has: 9 figures and 3 formulas. [03]

SUB CODE: 18, 09 / SUBM DATE: 11Jan65 / ORIG REF: 004 / OTH REF 006 / ATD PRESS: 4123

Card 2/2

ANUFRIYENKO, V.B.; DEVKIN, B.V.; KOTEL'NIKOVA, G.V.; KULABUKHOV, Yu.S.;
LOVCHIKOVA, G.N.; SAL'NIKOV, O.A.; TIMOKHIN, L.A.; TRUBNIKOV, V.R.;
FETISOV, N.I.

Inelastic scattering of 14 Mev. neutrons and the nuclear level
density. IAd. fiz. 2 no.5:826-838 N '65.

(MIRA 18:12)

1. 34031-66 Exp(d)/INT(1) INT(S) RU/GO
ACC NR 48017192

SOURCE CODE: UR/0053/65/000/012/1031/1032

AUTHOR: Ivanov, A. A.; Kulabukhov, Yu. S.; Timokhin, L. A. 84

TITLE: A converter of short time intervals with increased linearity. B

SOURCE: Ref. zh. Fizika, Abs. L2A309

REF SOURCE: Tr. 6-y Nauchno-tekh. konferentsii po yadern. radioelektron. T. 2. M., Atomizdat, 1965, 15-19

TOPIC TAGS: analog digital converter, pulse code modulation, trigger circuit, tunnel diode

ABSTRACT: The authors describe a converter of short time intervals into a digital code, ensuring an increased linearity and at the same time sufficiently simple circuitry. The converter has no prior "stretching" of short time intervals. The time interval is measured directly by comparison with a number of cycles of oscillations of a known frequency. This method is widely used in microsecond devices, but owing to the lack of reliable high-speed trigger circuits, counting devices, etc., it could not be adopted for the nanosecond region. Such a possibility has been uncovered by the appearance of tunnel diodes with sufficiently high speed. The reference frequency is chosen to be 100 Mcs. To reduce a time channel up to 5 nsec by a factor of 2 compared with the period of the reference series, a special additional device is introduced into the converter circuit. The complete schematic diagram of the converter and different time diagrams illustrating its operation are presented. L. S. [Translation of abstract]

SUB CODE: 20. G9

Card 1/1 *sla*