

New machines for surface

S/122/61/000/002/006/011
A1E1/1126

opposite sides, each fed from a separate generator. The hardening method is continuous in both machines. The quenching medium is water, or emulsion. It is mentioned that 30% glycerine in water gives good results. The operation of the second machine is fully automatic. Spur, helical, herringbone and bevel gears may be hardened. The operation of both machines is described in detail. The machines are the first of their kind in the USSR. There are 6 figures.

ASSOCIATION: Uralmashzavod (The Ural Heavy Machinery Plant) (V.F. Artem'yev);
VPTI TYaZhMASH (I. M. Likhtshteyn).

Card 2/2

LAVRENT'YEV, V.I. Prinipalni uchastiy: POL'SHINSKIY, V.V., starshiy nauchnyy sotrudnik; ANKOPOVA, A.A., starshiy nauchnyy sotrudnik; SHAYKHUTDINOVA, L.K., inzh.; SHAGKYEVA, L.A., inzh.; TUMANOVA, A.M., preparator; STAROSTIN, P.A., inzh.; BALANEZHONOV, A.P., motorist; ARTEM'YEV, V.G., motorist.

Using the heavy residual fractions of Tatar sour crude as a fuel for gas turbines. Nefreper. i neftekhim. no. 4:27-34 '63 (MIRA 17:7)

1. Tatarskiy neftyanyy nauchno-issledovatel'skiy institut.

ARTEM'YEV, V. I.: Master Geolog-Mineralog Sci (diss) -- "Underground water of Saratov and neighboring Rayons of Voronezh and Stalingrad Oblasts". Saratov, 1958. 19 pp (Saratov State U in N. G. Chernyshevskiy), 100 copies (KL, No 12, 1959, 126)

ARTEM'YEV, V.I.

Hydrogeologic regionalization of Saratov Province and adjoining
territories of Voronezh and Stalingrad Provinces. (ch. zap. SQU
74:109-123 '60. (MIRA 15:7)

(Volga Valley--Water, Underground)
(Voronezh Province--Water, Underground)

GEL'PERIN, N.I., Prof.; ARTEM'YEV, V.I.; GURDEHI, A.Ya.; GRIGOR'YEV, N.S.

Continuous nitration in the production of amber musk. Khim. Vost.
5 no.4:438-442 '60. (MIRA 13:12)

(Nitration)

(Musk)

ARTEM'YEV, V.I.; KUZNETSOV, R.A.

Methods for determining the solubility of metals in various
melts. Zav. lab. 30 no.9:1105-1106 '64. (MIRA 18:3)

1. Institut khimii silikatov imeni Grebenshchikova.

KROPEN', A.I., kand.tekhn.nauk; ARTEM'YEV, V.I., inzh.; TUM/RINSON, N.S.,
inzh.

Laying and ballasting track on the Karaganda - Karagayly line.
Transp. stroi. 12 no.12:10-13 D '62. (MIRA 16:1)
(Railroads--Track)

214300

AUTHORS:

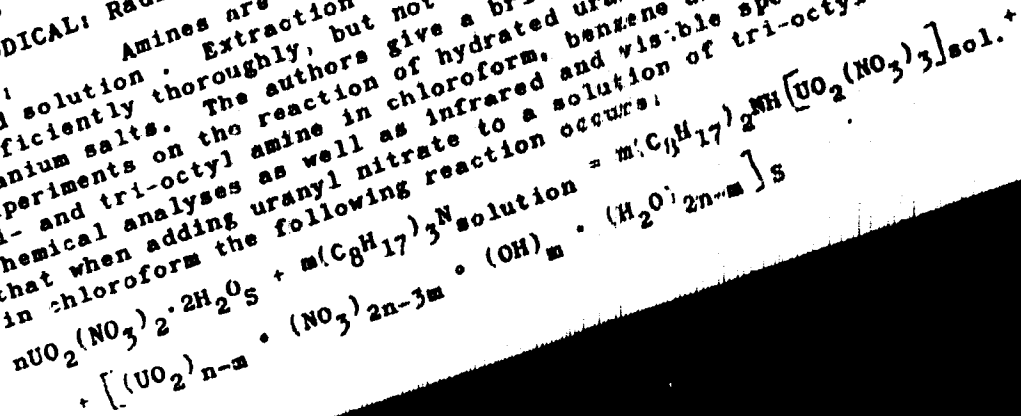
Vdovenko, V.M., Sugobov, D.N., Artem'ya, V.I.,
and Suglobova, I.G.
31894
S/186/61/003/OC3/018/022
E111/E185

TITLE:

Reaction of uranyl nitrate with amines
PERIODICAL: Radiokhimiya, v.3, no.5, 1961, 636-637

TEXT:

Amines are used for extraction of uranium salts from acid solution. Extraction conditions have been studied sufficiently thoroughly, but not the reaction of amines with pure uranium salts. The authors give a brief account of their experiments on the reaction of hydrated uranyl nitrate with mono-, di- and tri-octyl amine in chloroform, benzene and ethyl ether. Chemical analyses as well as infrared and visible spectra indicate that when adding uranyl nitrate to a solution of tri-octyl amine in chloroform the following reaction occurs:



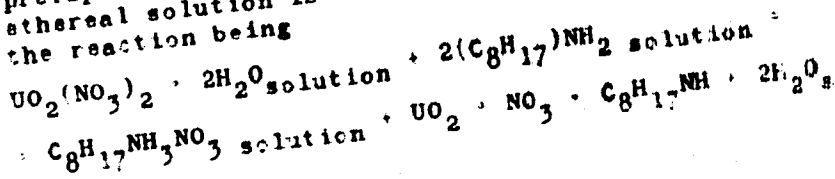
APPROVED FOR RELEASE 1/3

X

Reaction of uranyl nitrate with amines

31894
S/186/61/003/005/018/022
E111/E185

Treating $UO_2(NO_3)_2 \cdot 2H_2O$ with an excess of amine solution a precipitate with an uranium content on drying slightly less than that corresponding to $UO_2(OH)_2$ is obtained, perhaps through formation of $(C_8H_{17})NH^+$ cation. Reactions with mono- and di-amines in chloroform and all the amines in benzene are similar, a peculiarity of the latter being the easy appearance of two layers at the slightest reduction in temperature. Mixing of ethereal solutions of uranyl nitrate and the mono-octyl amine gives almost complete separation of uranium. Chemical analysis of the precipitate and supernatant liquid indicated that the nitrate in ethereal solution is in the form of mono-octyl ammonium nitrate, the reaction being



Card 2/3

X

Reaction of uranyl nitrate with amines. ³¹⁸⁹⁴S/186/61/003/005/018/022
E111/E185

The mixed uranyl mono-octyl amide-nitrate is a new compound. Variations in its composition are attributable to impurities. The vibration spectrum of uranyl amidonitrate indicated that the nitrate group of this compound is coordinated to uranium. The reaction with the tri-octyl amine fails to give a precipitate but gives increased coloration which, since this amine has no active proton, indirectly confirms the above mechanism. There are 3 references: 2 Soviet-bloc and 1 Russian translation of non-Soviet publication.

SUBMITTED: July 5, 1961

Card 3/3

X

S/O35/62/000/001/024/038
A001/A101

AUTHOR: Artem'yev, V.I.

TITLE: On the precision of identification and outlining the contours on contact and enlarged aerial photographs

PERIODICAL: Referativnyy zhurnal. *Astronomiya i Geodeziya*, no. 1, 1962, 20, abstract 10140 ("*Tr. Omskogo s.kh. in-ta*", 1960, v. 42, no. 2, 49-54)

TEXT: To determine the magnitude of errors in identification and outlining on aerial photographs of locality contours in surveying rural populated points (scale 1:5000), aerial photosurvey material of 3 populated points were used. Prior to printing aerial photographs, photopaper was glued onto glass. Altogether 55 aerial photographs were prepared by the contact and projection ways (with magnification by 5 times). On each of them boundaries of distinctly pictured contours were identified and drawn (by continuous and dotted lines); on a part of aerial photographs were drawn also dirt roads. Then, distances to these boundaries from the points, fixed on aerial negatives in advance, were measured (twice) by means of an IZA -2 (IZA-2) horizontal comparator. Investigations have shown that a higher accuracy (mean square error ± 0.055 mm) is assured by

Card 1/2

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On the precision of identification ...

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A001/A101

drawing the contour boundaries by dotted lines than by drawing straight lines with a ruler and a drawing pen (± 0.064). It can be approximately assumed that errors in identification and outlining the boundaries on enlarged aerial photographs increase, in comparison with the errors of contact imprints, proportionately to square root of magnification factor.

V. Pavlov

[Abstracter's note: Complete translation]

Card 2/2

ARTEM'YEV, V.I.

[Establishment and operation of artesian wells on the territory of Saratov Province and their hydrogeological zoning for water supply] Ustroistvo, ekspluatatsia artezianskikh skvazhin na territorii Saratovskoi oblasti i ee gidrogeologicheskoe raionirovanie v tseliakh vodosnabzhenia. Saratov, Gos. proektnyi in-t "Fizvolzngiprosel'khozstroi," 1961. 61 p. (MIRA 18:7)

ARTEM'YEV, V.I.; KACHURA, F.S.

Mapping of rural settlements on the basis of aerial photographs.
Geod. 1 kart. no.5:56-58 My '62. (MIRA 15:7)
(Aerial photogrammetry)

L 12916-63

BDs/EJP(q)/EWT(.)

AFFTO/ASD JD/JR

ACCESSION NR: AP3007187

2/0080/01/031/001/0511/0521

AUTHOR: Borisenko, A. I.; Arsen'ev, V. I.; Antonova, N. I.

TITLE: Diffusion moldility of iron in a protective coating of iron and molybdenum $\sqrt{1}$

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 4, 1969, 818-824

TOPIC TAGS: niobium, niobium diffusion coating, molybdenum, molybdenum diffusion coating, glass coating, iron diffusion, thermal expansion coefficient

ABSTRACT: The diffusion of Fe in two-phase systems of Nb-glass and Mo-glass has been studied by the method of tagged atoms (^{59}Fe) in an attempt to clarify the effect of Fe on the protective ability of glass coatings. In the preliminary experiments the parameters of Fe diffusion in individual components were determined. Films of ^{59}Fe were deposited on specimens of 366 glass (58% SiO_2 , 20% BaO , 1.0% each Al_2O_3 and CoO , 6% TiO_2 , and 1.0% each ZrO_2 and BeO) and niobium 99.7% pure Nb and 99.8% pure Mo, which were then held at 1000--1100C (Nb and Mo) or 700--900C (glass) for 10--100 hr in argon at 150--180 mm Hg. It was found that the temperature dependence of the coefficient of Fe diffusion in Nb and Mo is exponential and is expressed by the equations $D = 1.6 \times 10^{-3} \exp [54,000/RT]$ for Mo and

Card 1/2

L 12916-63

ACCESSION NR: AP3000187

$D = 3.0 \times 10^{-3} \exp [51,000/RT]$ for Nb, where 54,000 and 51,000 are the values of the activation energy in cal/g-atom. The low values of the activation energy appear to be a result of diffusion proceeding predominantly along the grain boundaries, which is usual in sintered Nb and Mo. The diffusion of Fe⁵⁹ in the 366 glass in the 700—900C range was found to be negligible. In the second series of experiments the 366 glass coating with uniformly distributed Fe⁵⁹ was found on Nb and Mo specimens at 1380—1420C in an argon atmosphere, and the coated specimens were annealed for 45 hr at 1200C in argon at 160 mm Hg. In both cases, the Fe atoms were found to move toward the glass-metal interface. Stresses resulting from a difference in the coefficients of thermal expansion (Nb, 84×10^{-7} ; Mo, 52×10^{-7} ; 366 glass, 30×10^{-7} in the 25—600C range) intensify the Fe migration. In the case of Nb almost all the Fe is concentrated in the glass layer adjacent to the Nb with very little Fe migration into the surface layer of Nb, owing to microcracks originated by thermal stresses. No microcracks are formed in coating on Mo, which facilitates formation of a continuous glass-metal interface through which Fe atoms readily diffuse into Mo. Orig. art. has: 2 tables, 4 figures, and 10 formulas.

ASSOCIATION: none

Card 2/82

APPEN, A.A.; ARTEM'YEV, V.I.

Reaction of iron with two and three-component silicate melts.
Zhur. prikl. khim. 37 no.10:2107-2112 O '64.

(MIRA 17:11)

01 10 1111 1978 13

ADDITIONAL INFO AP-5005370
AUTHOR: Anten'yev, V. I.; Appen, A. A.

TITLE: The interaction of iron with three-component silicate melts

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 2, 1965, 409-411

TOPIC TAGS: iron corrosion, silicate melt, metal oxide, three component glass

ABSTRACT: The corrosive action of silicate melts of the general formula $15 \text{VgO} \cdot 20 \text{MeO} \cdot 65 \text{SiO}_2$ on armor iron was determined experimentally at $1200-1400^\circ\text{C}$ to define the behavior of such melts under metallurgical and related conditions. The MeO component was MgO , ZnO , NiO , MnO , FeO , CoO , TiO , or CaO , added in the required amount to the base melt of silicate glass, and the corrosive activity in 10-20% mol. of the component was varied. The most reactive melts were those containing the oxides of cadmium and lead, but all other melts with the exception of MgO and MnO also dissolved iron at a much higher rate than usual. The corrosion rate in all parts of these component silicate systems, including those containing the oxides of zinc, cobalt, and titanium, was higher than in the other studied.

Card 1/2

L 32661-65

ACCESSION NR: AP5005570

systems. Corrosiveness of malta was shown not to be related to its acidity to melt viscosity. Orig. art. has: 2 figures.

ASSOCIATION: Institut khimii silikatov imeni N. V. Gubkina (Nov. 1964) (Silicate Chemistry Institute, All-Union)

SUBMITTED: 28 Jul 64

ENCLOS: 00

SU: 0001: 100, 100

NO REP SOV: 006

OTHERS: 000

Card 2/2

DOVZHANSKIY, S.I., kand. med. nauk; ARTEM'YEV, V.I.

Treatment of psoriasis in children at the special sanatorium for children "Krasnyi Shturm" of the health resort Sochi-Matsesta. Sov. med. 27 no.1:129-132 Ja '64. (MIRA 17:12)

1. Sochinskiy institut kurortologii i fizioterapii (direktor N. Ye. Romanov) i detskiy dermatologicheskii sanatoriy "Krasnyy shturm" (glavnyy vrach S.D. Paradov).

ARTEM'YEV, I.M., inzhener; LIDERS, G.V., dotsent, kandidat tekhnicheskikh nauk; KOZYCHUK, P.G., professor, doktor tekhnicheskikh nauk.

Investigation of the causes of wear in rails and wheel rims on some lines of the Moscow subway. Trudy NTBI no.5:142-172 '57.
(IKLPA 10:10)

(Railroads--Rails) (Moscow--Subways)

APTEM'YEV, V.M., inzh.; KAPUSTIN, L.D., inzh.; KIRKIN, I.I., inzh.;
ROTNISKIY, M.S., inzh.

Unit for producing bloated perlite at a rate of 20,000 cubic
meters per year. Stroi. mat. ll no.1:27-28 Ja '65.

(MIRA 1816)

ARTEM'YEV, V.M.

Electric interlocking in a district with semiautomatic
block systems. Avtom., telem. i svyaz' 9 no.1:s23-27
D '65. (MIRA 19:1)

1. Nachal'nik otdela signalisatsii i svyazi Ruz'yevskogo
otdeleniya Kuybyshevskoy dorogi.

ARTEM'YEV, Vladislav Nikolayevich; SHEROMBERGER, Lev Viktorovich;
NOSKOVA, R.F., Fed.; GOLUBKOV, P.V., prof., red.; ZENIN, V.V., tekhn.
red.

[Laboratory manual on high-vacuum physics] Praktikum po
fizike vysokogo vakuuma. Saratov, Izd-vo Saratovskogo univ.,
1963. 325 p. (MIRA 17:2)

S/0109/64/009/007/1214/1222

ACCESSION NR: AP4042519

AUTHOR: Artem'yev, V. N.; Kats, L. I.

TITLE: Effect of frequency on the attenuation of periodic delay structures

SOURCE: Radiotekhnika i elektronika, v. 9, no. 7, 1964, 1214-1222

TOPIC TAGS: delay line, delay structure, periodic delay structure, periodic waveguide

ABSTRACT: The theoretical and experimental investigation of the group velocity and attenuation of a "flat-comb"-type delay structure is reported. The effect of the geometry of a millimeter-wave-passband delay structure on its attenuation is explored; a configuration having minimum attenuation is found. Formulas are developed on the basis of P. N. Butcher's dispersion equations (Proc. IEE, part B, 1956, 103, 9, 301) for perfect and lossy identical waveguides. The effects of the phase shift and attenuation on the Q-factor, for various b/d (slot width to the

Card 1/2

ACCESSION NR: AP4042519

period, pitch $2d = 0.35 m$), were estimated and experimentally determined (curves supplied), as was the effect of the phase shift on the group velocity. It is concluded that, for phase shifts exceeding 0.3π , the thinnest possible plates should be used in the delay structure. "The authors wish to thank P. V. Golubkov for his attention to the work." Orig. art. has: 6 figures and 18 formulas.

ASSOCIATION: none

SUBMITTED: 28Apr63

ENCL: 00

SUB CODE: EC

NO REF SOV: 004

OTHER: 005

Card 2/2

ARTEM'YEV, Vyacheslav Pavlovich

Selection and training of Soviet personnel for trade missions abroad, and the Soviet trade mission in Iran; two brief studies by Vyacheslav P. Artemiev, translated by Loreine Y. Kendrick, New York, Research Program on the U.S.S.R., 1954.

20 p. 29 cm. (East European Fund, Research Program on the U.S.S.R.)

ARTEM'YEV, V.P.

Methods of workshop training for normal school students. Politekh.
obuch. no.3:68-71 Nr '59. (MIRA 12:4)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut im. V.I.
Lenina.

(Technical education)

ARTEM'YEV, V.P.

Study of metal-cutting machines during laboratory work in
mechanical workshops. Politekh.obuch. no.9:51-56 S 159.
(MIRA 12:12)

1. Moskovskiy gosudarstvennyy pedagogicheskii institut imeni
V.I.Lenina.

(Metal-cutting tools)

ARTEM'YEV, V.P., insh.

Operational reliability of small boilers operating on natural
gas. Energetik 11 no.4:5-7 Ap '63. (MIRA 16:3)
(Boilers)
(Gas as fuel)

ARTEM'YEV, V.P., inzh.; NECHAYEV, Ye.V., inzh.

Burning of anthracite in PMZ furnaces. Energetik 11 no.9:21-24
8 '63. (MIRA 16:10)

ARTEM'YEV, Vadim Petrovich; SHCHERBA, Igor' Nikolayevich;
ESTERKIN, M.I., red.

[Gas and mazut burners with steam-mechanical and low-
pressure sprayers for boilers with low and medium
evaporative capacity] Gazomutrye gorelki s paromekhaniches-
skimi i nizkonapornymi forsunkami dlia kotlov maloi i sred-
nei proizvoditel'nosti. Leningrad, 1964. 22 p.

(MIRA 17:9)

ARTEM'YEV, V.P., vrach

Possibility of a prolonged nonsymptomatic course of a subdiaphragmatic abscess. Sbor. manuch. rab. Sar. gos. med. inst, 44:358-361 '64.

Case of urethrovenous reflux combined with cystoureteral reflux. Ibid.:361-363 (MIRA 18:7)

1. Iz rentgenodiagnosticheskogo otdeleniya (nachal'nik - kand. med. nauk A.V. Ryazan'skaya) dorozhnoy klinicheskoy pol'nitsy Privolzhskoy zheleznoy dorogi (nachal'nik - R.F. Nazarenko), Saratov.

ARTEM'YEV, V. P., Cand of Tech Sch -- (diss) "Investigation of the Durability, Crack Resistance, and Rigidity of Common and Pre-stressed Reinforced Concrete Beams, Reinforced by Highly Durable Core Rods of Alternating Contours from the 30KhG2S Steel," Moscow, 1959, 21 pp (Moscow Engineering-Design Institute im V. V. Kuybyshev) (KL, 1-60, 121)

DMITRIYEV, S.A., kand.tekhn.nauk; MULIN, N.M., kand.tekhn.nauk; ARTEM'YEV,
V.P., kand.tekhn.nauk

A study of the strength, crack resistance, and hardness of girders with XRG2S
steel reinforcement. Trudy NIIZHB no. 17:32-67 '60. (MIRA 14:4)
(Reinforced concrete) (Girders)

MULIN, N.M., kand.tekhn.nauk; ARTEM'YEV, V.P., kand.tekhn.nauk;
HELOBROV, I.K., kand.tekhn.nauk; OZBYEV, Ye.A., inzh.;
KRASOVSKAYA, G.M., inzh.; PETROVA, K.V., inzh.; FIGAROVSKIY, V.V., inzh.

Basis for calculating the deformations of reinforced concrete
elements in the draft of the new standards. Bet. 1 shel.-bet.
8 no.11:491-498 N '62. (MIRA 15:11)
(Precast concrete)

ARTEM'YEV, V. S.

ARTEM'YEV, V. S.: "Using experimental therapy to discover antispasmodics",
Leningrad, 1955. First Lenin rad Medical Inst imeni Academician I. P.
Pavlov. (Dissertations for the degree of Candidate of Medical Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955.

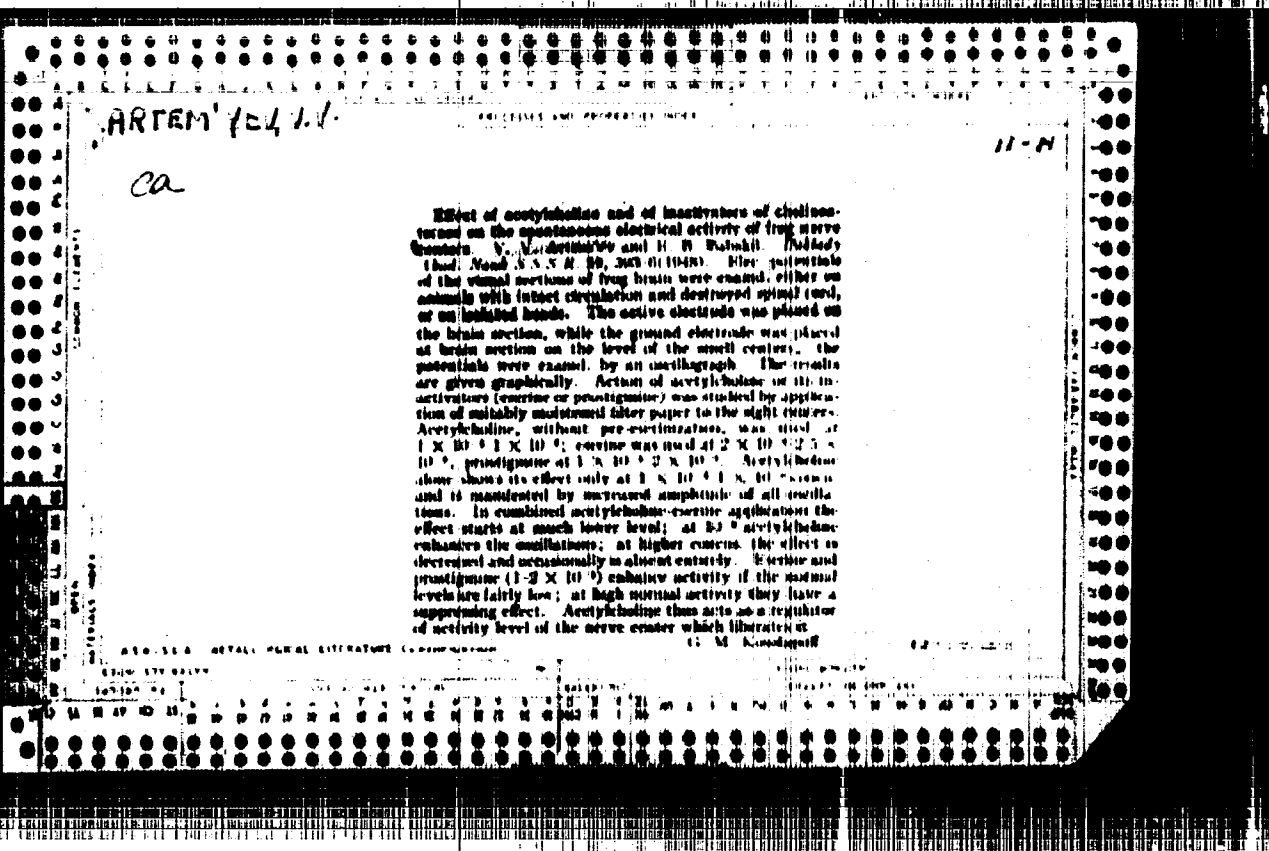
Category : Q-3
CATEGORY : Farm Animals. Cattle.
ABST. JOUR. : RZbiol., No. 4, 1959, No. 16672
AUTHOR : Arten'yov, V. S.
INST. : -
TITLE : The Raising of Calves with the Method of
Additional Group Nursing.
ORIG. PUB. : S. Kh. Bushkirii, 1958, No 1, 21-25
ABSTRACT : No abstract.

CARD: 1/1

ARTEM'YEV, V.V.

Physicochemical mechanisms generating rhythmic oscillations of the electric potential in neural formations (reaction of the alpha rhythm type). Dokl. AN SSSR 142 no.6:1424-1427 P '62.
(MOEA 15:2)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Predstavleno akademikom V.N.Chernigovskim.
(ELECTROPHYSIOLOGY)
(NERVES)



V.V. ARTSEM'YEV,

oxidation-reduction

oxidation-reduction in electrical potentials during the oxidation-reduction reactions of V. V. Artem'ev, Physical Inst Acad Sci USSR, 1979

Vol 11, No 6

described the necessary conditions for periodic fluctuations in certain physical and chemical systems during the oxidation-reduction process in a difference in the speed of such process

oxidation-reduction (Contd)

Oct 48

theoretically, it is possible to observe this speed gradient in the same cell as well as between two sections of brain tissue. See article by Acad L. A. Orbeli 2 Jul 48.

ARTIM'YEV, V. V. (Co-author)

~~See [unclear] [unclear]~~

Artem'yev, V. V. and Varshavskiy, L. A. - "Constant time in
boosters for electrophysiological research," Trudy Fiziol.
in-ta im. Pavlova, Vol. III, 1949, p. 185-95

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh. Statey, No. 14, 1949).

ARTYEM'YEV, V. V.

29866

R. tmichyeskiye protsyessy v primitivnoy nservnoy sistemyg. (Anodonta cygnea).
Trudy Fisiol. in-ta im. parlova, t. IV, 1949, s. 157-74 - Bibliogr: S. 174

SO: L E T O P I S ' NO. 40

ARTON 723 77

Electrophysiological analysis of action of acetylcholine on nerve centers. I. V. L. Kozlov and E. B. Babitskiy (Moscow State Pedagog. Univ.). *Soviet Physiol.* (Physiol.) 38, 423-24 (1948). Application of acetylcholine (concn. 10^{-4} to 10^{-5}) to the visual lobe of the frog, without excitation, causes a variable and temporary increase of elec. activity. At 10^{-6} to 5×10^{-6} concn. combined with 2.5×10^{-4} concn. of curarine a considerable and lasting enhancement of spontaneous elec. oscillations takes place with large amplitudes of both slow and fast oscillations. Maximal acetylcholine concn. of higher than 10^{-4} concn. repress elec. activity of nerve centers. Hence acetylcholine appears to act in the regulation of the state of central nervous stimulation. (I. M. Kozlovskii)

114

CA ARTEM'YEVA

Electrophysiological analysis of the action of acetylcholine on nerve centers. II. Action of atropine, prostigmine, and atropine on the electrical activity of the visual lobes of a frog. V. M. Artem'eva and E. B. Babakid (Leningrad State Pedagog. Inst., Moscow). *Fiziol. Zhur. (J. Physiol.)* 30, 121 (1964); cf. C.A. 44, 4108d. — Atropine or prostigmine at 1×10^{-6} to 2×10^{-6} mmoles, acting on the visual lobes of a frog enhance the spontaneous elec. activity of the nerve centers. Atropine in similar doses does not affect or lower the activity and completely eliminates (blocks) the action of acetylcholine; applied after the

letter it leads to restoration of the normal oscillations, although reflex actions are not eliminated. G. M. K.

BA
A-III

10

Electric activity of cardiac cortex in response to stimulation in
 unanesthetized and anesthetized rabbit. *Physiol. Zool.* 1961, 34, 221-227. The electric activity of the
 auditory cortex was recorded in unanesthetized and anesthetized
 cats. In unanesthetized animals a rhythmic auditory evoked
 response was observed during the stimulation. In the anesthetized animals the cortex shows an electric
 response only to the start of a series of electrical stimuli,
 and not to the later stimuli. In the anesthetized state the
 response to auditory stimulation during a long series of stimuli
 between sleep and arousal. In the unanesthetized state the
 auditory evoked response to electric response in the frontal lobe
 in addition to the auditory cortex. D. H. Slavin.

ARTEM'YEV, V.V.; BEZILINGVA, M.I.; KACHUKIL'KO, L.F., zavedeniye.

Electric reaction of the auditory area of the cortex of cerebral hemispheres
in the formation of a conditioned defensive reflex. Trudy Inst.fisiol. 1:
223-236 '53. (MIRA 6:8)

1. Laboratoriya fiziologii zritel'nogo analizatora,
(Lab of Physiol. of the Opti- (Brain, Localisation of function)
cal Analyzers)

ARTEM'YEV, V.V.; ZAGORUL'KO, L.T., zaveduyushchiy.

Electric reaction of the cortex of the cerebral hemisphere to a sound stimulus under external inhibition. Trudy Inst.fisiol. 1:237-242 '52. (MLRA 6:8)

1. Laboratoriya fiziologii sritel'nogo analizatora. (Brain)

ARTEM'YEV, V.V.

Electrophysiological characteristics of the mechanism of the
formation of temporary bond. Trudy Inst.fiziol. 5:110-124 '56.

(MIRA 10:1)

1. Laboratoriya fiziologii sritel'nogo analizatora. Zvezdnyushchiy
L.T.Zagorul'ko.

(CONDITIONED RESPONSE)

(ELECTROPHYSIOLOGY)

ARTIPIYEV, V. V.

"Electric reactions of the hemispheres of the cerebrum in extero- and interseptal excitations".

report presented at a Joint Session of the Biological Dept. of AN JSER and Biological and Medical Depts. AN Gruzija SSR, Tbilisi, 28- Sept 3- Oct 1957.
Vestnik Akad. Nauk SSSR, 1958, Vol. 28, No. 1, pp.121-125. (author Dzidzishvili, N. N.)

ARTEM'YEV, V.V.

Cells for nuclear scintillation counters. Priib. i tekhn. eksp.
6 no.4:152 JI-Ag '61. (MIRA 14:9)

1. Institut arkhologii AN SSSR, Leningradskoye otdeleniye.
(Scintillation counters)

42153

3.4113(22.5.47.7)

S/203/62/002/004/018/018
1046/1242

AUTHOR: Artem'iyev, V.V.

TITLE: Radiometric investigation of the history of the geomagnetic field

PERIODICAL: Geomagnetizm i aeronomiya, v.2, no.4, 1962, 792-793

TEXT: Since the cosmic ray intensity was fairly constant for the last 30 to 40000 years, the generation of the isotope C¹⁴ during this period was a function of the geomagnetic field. The time variation of C¹⁴ concentration in the atmosphere is thus a criterion of geomagnetic variation. A convenient method is suggested for measuring C¹⁴ concentration in cases where it can be found in geological specimens together with some other radio-isotope of approximately the same age. The radioisotopes C¹⁴ and Al²⁶ appear quite often in same strata, and so the concentration of C¹⁴ in geological specimens of any age can be determined by measuring (a) the concentrations n₁ and n₂ of Al²⁶ and C¹⁴ in some specimen where the two isotopes formed, in all probability, at the same time under the

Card 1/2

S/203/82/002/004/018/018
1046/1242

Radiometric investigation...

effect of cosmic radiation, and (b) the constant ratio k between the yields of these radioisotopes at a certain level of cosmic ray intensity. From the equations

$$n_{01} = n_1 e^{\lambda_1 t}, \quad n_{02} = n_2 e^{\lambda_2 t}, \quad n_2 = k n_1$$

where n_{01} and n_1 represent the concentration of C^{14} in the standard and in the sample, respectively, and λ_1, λ_2 are the decay constants, the initial concentration of C^{14} can be calculated according to

$$n_{21} = \sqrt{\frac{\lambda_1}{\lambda_2}} n_1 \left(\frac{k}{n_1} \right)^{\lambda_2 / \lambda_1}$$

ASSOCIATION: Institut arkhologii AN SSSR, Leningradskoye otdeleniye (Institute of Archeology, AS USSR; Leningrad Branch)

SUBMITTED: March 3, 1962

Card 2/2

ARTEM'YEV, Y.Y.

Background determinations in radioactivity measurements of
the order of 10^{-11} to 10^{-13} Curie. Atom. energ. 13 no.5:479-480
N '62. (KIRA 15:11)

(Radioactivity—Measurement)

ARTEM'YEV, V.V.

Possibility of studying the history of the earth's magnetic pole by
radiometric method. Geomag. i aer. 2 no.4:792-793 Ji-Ag '62.
(MIRA 15:10)

1. Institut arkhologii AN SSSR, Leningradskoye otdeleniye.
(Magnetism, Terrestrial) (Radiocarbon dating)

L 18384-65 EWT(1)/EWG(v) Pa-5/Pae-2 BSE/BAEII(a)/BSP/S-11-b/BSD(d)/AFIL/AFETR/ESD(ga)/ESD(t) GW
ACCESSION NR: AR4040390 5/0359/61,000/005/0022/0022

SOURCE: Ref. zh. Astron. Otd. vy"p. Abg. 5.51.191

TITLE: Counting photons in weak light fluxes

CITED SOURCE: Izv. Kry'mak. astrofiz. observ. v. 30. 1961. 217-218

TOPIC TAGS: photon, photon counter, astronomical, light flux

TRANSLATION: The authors discuss statistical and instrumental problems involved in photon counting. A light signal will be recorded if the counting rate is $n \pm \sigma$ noise, where n is the mean velocity of the flux, and σ noise is the standard deviation of the counting rate of noise $n_{no.se}$. The authors describe the design of a photon counter: the pulses from a photomultiplier are fed through a cathode follower to a broad-band USA-10 pulse amplifier, after which the pulses are selected by amplitude by an ED-2 discriminator in the range 1-100 v and are recorded by a P6-10000 electronic recorder. The high-voltage current of the photomultiplier is supplied through a VS-13 stabilized rectifier. A point light source is used as the light flux source. Photomultipliers of the FEU-16 and FEU-04 types were tested. The

Card 1/2

L 18384-65
ACCESSION NR: AR4040390

certified parameters and characteristics of the latter are given in tables. It has been established that the FEU-16 is suitable for counting photons and has a threshold of response of 10^{-12} lumen. A sensitivity of $1.8 \cdot 10^{-14}$ lumen was attained with an exposure of 30 seconds when using a FEU-64 photomultiplier (in this case the counting rate of photons was 62 sec^{-1}); it was $5 \cdot 10^{-15}$ lumen in the case of a 10-minute exposure. It is shown that the light flux intensity in the range $10^{-10} - 10^{-14}$ lumen changes linearly as a function of the counting rate of photons. In the case of light fluxes greater than 10^{-10} lumen the linearity is disrupted as a result of the loss of part of the signals due to the presence of instrument dead time. Bibliography with 11 items. R. Salzman.

SUB CODE: CP, EC ENCL: 00

Card 2/2

ARTEM'YEV, V.V.

Emission of two electrons during photoeffect in a Cs ... Ba
cathode. Radiotekh. i elektron. 9 no.4:756-757 A: 164.
(M. RA 17:7)

ACCESSION NR: AP4038631

S/0109/64/009/004/0756/0757

AUTHOR: Arten'yev, V. V.

TITLE: Emission of two electrons in the photoeffect on an antimony-cesium photocathode

SOURCE: Radiotekhnika i elektronika, v. 9, no. 4, 1964, 756-757

TOPIC TAGS: antimony cesium photocathode, photomultiplier pulse spectrum, single electron pulse spectrum, two electron pulse spectrum, thermal noise spectrum, photoeffect

ABSTRACT: To investigate the observed deviation of the shape of the single-electron spectrum from the shape of the spectrum of the signals connected with thermionic emission from the antimony-cesium cathodes of FEU-64 photomultipliers, the latter were exposed to weak white (10^{-10} - 10^{-12} lumen) and monochromatic light flux, and the amplitude spectra of the thermal noise pulses were measured with a single-channel analyzer. Whereas the spectrum obtained in darkness displayed a single peak, the illuminated photomultiplier produced a spectrum with a weak second peak. Several arguments are presented in favor of the assumption that the second peak is

Card 1/3

ACCESSION NR: AP4038631

connected with the emission of two photoelectrons in some of the photoeffect events on the antimony-caesium photocathode. Orig. art. has: 1 figure.

ASSOCIATION: None

SUBMITTED: 18Jan63

ENCL: 01

SUB CODE: OP, EC

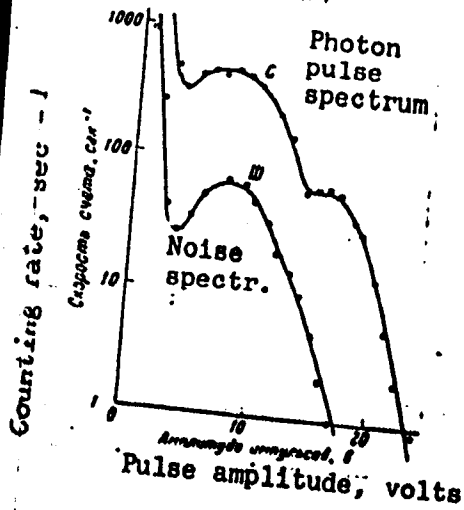
NR REF SOV: 002

OTHER: 000

Card 2/3

ACCESSION NR: AP4038631

ENCLOSURE: 01



Amplitude spectra of pulses at the output of a photomultiplier with the photocathode dark and illuminated

Card 3/3

ACC NR: AP6030132

(N)

SOURCE CODE: UR/0120/66/000/004/0068/0071

AUTHORS: Artem'yev, V. V.; Gus'kov, L. N.; Mikhaylov, V. N.

ORG: Institute of Semiconductor Physics, SO AN SSSR, Novosibirsk (Institut fiziki poluprovodnikov SO AN SSSR)

TITLE: Rapid correlating photon counter for the visible region of the spectrum

SOURCE: Pribery i tekhnika eksperimenta, no. 4, 1966, 68-71

TOPIC TAGS: photomultiplier tube, photon emission, photomultiplier, laboratory optical instrument, signal correlation/ FEU-30 photomultiplier

ABSTRACT: The time characteristics of a photon counter which records single photons are analyzed. The counter is a photon correlator in a coherent light beam over a time interval up to 6×10^{-10} sec. The threshold sensitivity of the counter is set at 2×10^{-16} volts. The block schematic for the counter is given. It has two principal components: an FEU-30 photomultiplier (PM), and a tunnel diode discriminator. The latter has a sensitivity of 0.1 volt over a pulse duration of 3 nanosec. The principal features of the PM and the discriminator circuit are also given. The discriminator allows a 20--200 nanosec pulse adjustment. A sample of a standing wave record is shown with a half-width of 1.24 nanosec. The photon current source used for time correlation is a mercury lamp at 5460.7 Å wavelength. The authors express their gratitude to S. P. Bezborodov for assembling many of the instrument chassis. Orig. art. has: 3 figures and 1 table.

SUB CODE: 09, 20/ SUBM DATE: 15Jul65/ ORIG REF: 001/ OFF REF: 005

Card 1/1

UDC: 621.387.464.3

DUSHIN, Ye.M.; ARTEM'YEV, V.Ye.

Galvanometer-type amplifier equipped with an inductive converter.
Izv.vys.ucheb.nav.; prib. 3 no.3:15-26 '60. (MIRA 14:4)

1. Leningradskiy elektrotekhnicheskiy institut imeni V.I.Ul'yanova
(Lenina). Rekomendovana kafedroy elektroizmeritel'noy tekhniki.
(Amplifiers, Electron tube)

I 42460-65 EWT(d)/EWT(1)/ERC(e)-2/ENG(s)/REC-4/RTA(h) No. 470-1/10-1/24
ACCESSION NR: AF5006633 5/0146/65/008(0)1/0032/0036

AUTHOR: Dushin, Ya. M.; Artem'yev, V. Ya.

TITLE: Measurement-type a-c CURRENT and voltage converters with standardized output

SOURCE: IVUZ. Priberostroyeniye, v. 5, no. 1, 1965, 31-36

TOPIC TAGS: ac dc converter, measurement converter

ABSTRACT: Consideration is given to a-c current and voltage converters with standardized (0-5 ma) output suitable for electric-power-plant purposes are presented. As the power circuits permit rather large burdens, direct a-c rectification and smoothing filtration are used. A semiconductor-rectifier bridge circuit is selected because it has a lower reverse voltage in the case of a primary short-circuit (100 amp instead of the nominal 5 amp). In addition, the rectifiers are protected by a GZ

Card 1/2

L 42460-65

ACCESSION NR: AP5006633

Circuit: As overall report of ...

ASSOCIATION ...

SUBMITTED: 05Oct63

NO REF SOV: 003

ENCL: 00

SUB CODE: EC

OTHER: 000

and
Card 2/2

ARTEM'YEV, Ye., kapitan

Pneumatic compensators. Tyl. i snab. Sov. Vdor. Sil. 21 no.8:68
Ag '61. (MIRA 14:12)

(Gasoline--Equipment and supplies)

ARTEM'YEV, Ye.A.; VOLCHENKO, V.V.; NOZDRINA, M.S.; BRUNNER, Ya.N., dotsent;
MILLERUK, G.Ya.

Readers' letters. Zashch. rast. ot vrad. i bol. 8 no.2:14-15
F '63. (MIRA 16:7)

1. Agronom po zashchite rasteniy Krasnosel'skogo rayona Kostromskoy oblasti (for Artem'yev). 2. Obshchestvennyy korrespondent zhurnala "Zashchita rasteniy ot vreditel'ey i boleznay" (for Volchenko).
3. Agronom po zashchite rasteniy Khar'kovskogo rayona (for Nozdrina).
4. Poltavskiy sel'skokhozyaystvennyy institut (for Brunner).
5. Zamestitel' predsedatelya Soveta rayonnogo otdeleniya Obshchestva okhrany prirody, Cherkasskaya obl. (for Milleruk).
(Plants, Protection of)

LUKASH'EV, V.A., asst.vrach.RSPSR, KOELOVA, A.M., FILIPPOVA, V.A., KOVALOVA, S.V.
ARTEM'YEV, Ye.G. (Kinel'-Cherkassy, Kybyshevskoy obl.)

Subcutaneous insufflation of oxygen in treating neuromyositis of
milkmaids' hands. Vrach.delo no.5:541 My '58 (MIRA 11:7)
(OXYGEN--THERAPEUTIC USE)
(HANDS--DISEASES)

USSR/Zooparasitology. Parasitic Worms

G

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57897

Author : ~~Artem'yev Ye. I.~~ Brakovaskaya G. M.

Inst : Not given

Title : Strawberry Nematode

Orig Pub : Zashchita rast. ot vred. i bolezney, 1957,
No 5, 57

Abstract : Investigations conducted on the territory of Latvia in 1955-1956 established that strawberry crops on 9 farms were infected by the strawberry nematode *Aphelenchoides fragariae*. On 8 of these farms the nematodes infected 2 to 10% of the strawberry crops, and on one farm--100% of the crops. Up to 1,000 nematodes were found in 1 g of plant tissue. Disinfection of the seeding material with gas (50 g of methyl bromide to 1 m³)

Card 1/2

ARTEM'YEV, Ye.I.

Current status of the comparative physiology of the higher
nervous activity. Uch.zap.GGPI 20:168-187 '58.
(MIRA 13:6)

(Nervous system)

ARTEM'YEV, Ye.I.; SOYFER, L.M.; VEGERA, N.L.; BNGAK, V.A., redaktor;
SEDOV, V.M., insbener, retsenzent.

[Technical specifications for major repairs on D6 type engines]
Tekhnicheskie uslovia na kapital'nyi remont dvigatel'ei tipa D6.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951.
416 p.
(MIRA 7:4)
(Diesel engine)

ARTEM'YEV, Ya. I.; VECHERA, N.L.; SHUMILO, I.A.; VOLKOV, V.M.; PUL'MANOV, N.V.,
kandidat tekhnicheskikh nauk, retsenzent; LIVSHITZ, M.L., inzhener,
redaktor; UVAROVA, A.F., tekhnicheskiy redaktor

[D-6 diesel engine; installation, assembly and operation] Diesel'
D6; ustroystvo, montazh i ekspluatatsiya. Moskva, Oop. mashino-
tekhn.izd-vo mashinostroit.lit-ry. 1957. 190 p. (MLRA 10:10)
(Diesel engines)

ARTEM'YEV, Yevgeniy Ivanovich; CHERVYAKOV, Igor' Vasil'yevich;
SERGEYEV, Yu.D., red.

[Organization of the patent system in the United States]
Organizatsiia patentnogo dela v SShA. Moskva, TSentr.
nauchno-issl. in-t patentnoi informatsii i tekhniko-ekon.
issledovaniy, 1963. 26 p. (MIRA 17:9)

ARTEM'YEV, Ye.N.

Clinical effect and pathophysiologic modifications in surgical therapy of hypertension. *Klin.med.*, Moskva 28 no.5:41-47 May 50.
(*CLM* 19:4)

1. Of the Clinic of Internal Diseases, Moscow Stomachological Institute, Moscow.

ARTEM'YEV, Ye.N., kandidat meditsinskikh nauk

Justin Evdokimovich Diad'kovskii; 170th anniversary of his birth.
Terap. arkh. 26 no.3:76-84 Ny-Je '54. (MLRA 7:9)

1. Iz fakul'tetskoj terapevticheskoj kliniki (dir. deystvitel'-
nyy chlen AMN SSSR prof. V.N.Vinogradov) i Moskovskogo ordona
Lenina meditsinskogo instituta.

(DIAD'KOVSKIY, JUSTIN EVDOKIMOVICH, 1784-1841)

ARTEM'YEV, Ye.N., kandidat meditsinskikh nauk (Moscow)

Outstanding figure in medicine, G.A.Zakhar'in. Elin.med. 32 no.2:11-20
P '54. (MIRA 7:5)

1. In fakul'tetskoy terapevticheskoy kliniki (direktor - deystvitel'nyy
chlen Akademii meditsinskikh nauk SSSR professor V.N. Vinogradov) i Moskov-
skogo ordena Lenina meditsinskogo instituta.
(Zakhar'in, Grigori Antonovich, 1829-1897)

Excerpta Medica Sec 9 Surgery Vol. 9/6 June 55

3045. ARTEMYEFF E.N. *The effect of operations on the nervous system on the secretion, motor functions and evacuation of the stomach and intestine (Russian ext) **KLIN. MED.** 1951, 32/3 (61-64) Tables 1

Investigations were carried out in 18 patients affected with hypertonia in various stages of development. Operation consisted of removal of the greater and the lesser left splanchnic nerve, the semilunar ganglion and in some cases also resection of fibres of the solar plexus. In one case, a half adrenal was removed also, while in 5 the operation was bilateral and was carried out in 2 stages. The following results were obtained. After operation the gastric secretion increased in 3 cases, de-

3045 Cont.

creased in 5 and remained unaltered in one. In another patient, who had presented hypersecretion of the stomach before operation, this became normal. Total acidity decreased in 2, was unchanged in 5 and could not be determined in 2 patients. Determination of evacuation capacity by means of test meals showed no significant variations. On the basis of these data it is concluded that no characteristic variations of secretion and evacuation activity of the stomach are brought about by sympathectomy. Radiological examination did not show any particular alterations of the stomach as regards volume or position, and the same proved true for the intestines. Consequently, it is stated that after various operations carried out on the sympathetic system there are no distinct changes of motor or secretory function of stomach or intestine, or of their evacuation capacity. This does not mean, however, that such operations cannot be the cause of genuine gastroduodenal ulcers in some cases.

Parenti - Ferrara (IX, 8*)

ARTEM'YEV, Ye.N., kandidat meditsinskikh nauk

Treatment of hypertension with procaine block. Terap.arzh. 27 no.2:
25-27 '55. (MIRA 8:7)

1. Iz kliniki vnutrennikh bolezney (sav.-prof. I.A.Shernogorov)
Moskovskogo meditsinskogo stomatologicheskogo instituta.

(PROCAINE, therapeutic use,
hypertension, nerve block)

(ANESTHESIA, REGIONAL, in various diseases,
procaine block in hypertension)

(HYPERTENSION, therapy,
procaine nerve block)

ARTIM'YEV, Ye.N.

Principles of prophylaxis in Russian internal medicine. Terap.

arkh. 27 no.4:12-21 '55.

(MIRA 8:10)

(MEDICINE, INTERNAL,

in Russia, prev.principles)

(MEDICINE, PREVENTIVE,

in Russia, in internal med.)

ARTEM'YEV, Ye.N., kandidat meditsinskikh nauk

Aleksandr Ivanovich Over. Klin.med. 33 no.4:88-93 4p '55.(MLRA 8:7)
(OVER, ALEXANDR IVANOVICH, 1804-1864)

ARTEM'YEV, Ye. N.: Doc Med Sci (diss) -- "The faculty therapeutic clinic of the First Moscow Order of Lenin Medical Institute named I. M. Sechenov and its role in the development of internal medicine". Moscow, 1958. 27 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov), 200 copies (KL, No 4, 1959, 129)

ARTEM'YEV, YR.H.

Leonid Efimovich Golubinin; 100th anniversary of his birth.
Terap. arkh. 30 no.10:74-78 O '58 (MIRA 11:11)

1. Iz fakul(tetskoy terapevticheskoy kliniki (dir. - deystvitel'nyy
chlen AMN SSSR prof. V.M. Vingradov) i Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M. Sechenova;
(GOLUBININ, LEONID EFIMOVICH, 1858-1912)

ARTEM'YEV, Ye.N., dotsent; TITOV, V.I. (Moskva)

Features of the development and course of peptic ulcer in the postwar period. Klin.med. 37 no.11:63-68 N '59. (MIRA 13:3)

1. Iz fakul'tetskoy terapevticheskoy kliniki (direktor - deystvitel'-nyy chlen ANU SSSR zaslushennyy deyatel' nauki prof. V.N. Vinogradov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova. (PEPTIC ULCER statist.)

ARTEM'YEV, Ye. N., prof.; TURIYANSKAYA, I. O.

Clinical tests of the diuretic action of allacyl. Terap. arkh.
no.12:96-100 '61. (MIRA 15:2)

1. Is kafedry propovedvtiki vnutrennikh bolezney (sav. - prof.
Ye. N. Artem'yev) Ryazanskogo meditsinskogo instituta imeni akad.
I. P. Pavlova i 4-y gorodskoy bol'nitsy Ryazani.

(URACIL) (DIURETICS AND DIURESIS)

ARTEM'YEV, Ye.N., prof.

Discussion of assistant professor I.S.Savoshchenko's article, "The development of research at resorts of the caucasian mineral waters region." Sov.med. 25 no.12:134-135 D '61. (MIRA 15:2)
(MINERAL WATERS) (SAVOSHCHENKO, I.S.)
(CAUCASUS HEALTH RESORTS, WATERING PLACES, ETC.)

ARTEM'YEV, Ye.N., prof. (Ryazan')

Vasilii Dmitrievich Shervinskii (1850-1941). Terap. arkh. 33
no. 11:107-113 '61. (MIRA 15:5)
(SHERVINSKII, VASILII DMITRIEVICH, 1850-1941)

ARTEM'YEV, Ye.N.

Vladimir Nikitich Vinogradov; on his 80th birthday and the 55th anniversary of his medical, scientific, pedagogic and public activity. S.v.med. no.3:155-157 '62. (MIRA 15:5)
(VINOGRADOV, VLADIMIR NIKITICH, 1882-)

ARTEM'YEV, Ye.N.; TURIYANSKAYA, I.O.

Clinical aspects and treatment of acute pneumonia. Sov.med. 26
no.8:9-13 Ag '62. (MIPA 15:10)

1. Iz kafedry propedevtiki vnutrennikh bolezney (dov. - prof.
Ye.N.Artem'yev) Ryazanskogo meditsinskogo instituta imeni
akademika I.P.Pavlova i 4-y gorodskoy klinicheskoy bol'nitsy
(glavnyy vrach - zaslushennyy vrach RSPSR N.I.Popov.
(PNEUMONIA)

ARTEM'YEV, Ye.N.; GUBENATOROVA, V.D. (Ryazan')

Compound treatment of rheumatic fever with prednisone and
prednisolone. Nauch. trudy Riaz. med. inst. 14:209-214 '63.
(MIRA 17:5)

ARTEM'YEV, Ye.N., prof.; KONOVALOVA, T.S.

Observations on the state of the respiratory, blood circulation and digestive organs in the workers of the carbon disulfide and spinning departments of the Ryazan Combine of Artificial Fibers. Nauch.trudy Riaz.med.inst. 23:81-85 '63.

Dynamics of the blood indices in workers of the carbon disulfide department of the Ryazan Combine of Artificial Fibers. Ibid.:86-87

Dynamics of some liver function tests in workers of the carbon disulfide department. Ibid.:88-90

1. Kafedra propedevtiki vnutrennikh bolezney (sev. kafedroy - prof. Ye.N.Artem'yev) Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova.

AMN-MIR, no. 4, p. 15-19, 1965.

Detection and treatment of the postinfarct syndrome. Sov. med.
48 no. 1:15-19 Ja '65. (MIRA 18:5)

1. Kafedra propeditsiki vnutrennikh bolezney (zav. - prof. Ye.N.
Arter'gov, Moskovskogo meditsinskogo stomatologicheskogo instituta.

USSR/Engineering - Construction Materials, Aug 52
Cement

"Experiment of Using Plastified Cements in Concrete
for Hydraulic Structures," Engr Ye. Ye. Artem'yev

Sibrotekh Stroi, No 8, pp 20-23

Establishes that plastified cement permits obtain-
ing concrete of required quality using less cement
owing to lower cement-water ratio and better placing
property of concrete mixture. Concretes made on
plastified cement are suitable for structures with
sharp slopes, and convenient for use in areas with

247399

hot climate and for long-distance transportation.
However, structures of this concrete require more
maintenance.

247399

ARTEM'YEV, Yu.M.; PROTOPOV, A.N.; SHIKYAYEV, B.M.

Gamma rays accompanying the thermal-neutron fission of U^{235} . Trudy
Radiy.inst.AN SSSR 9:78-83 '59. (MIRA 14:6)
(Uranium) (Gamma rays)

ARTEM'YEV, Yu.M.; BARANOV, I.A.; BLINOV, M.V.; KUZNETSOV, M.I.; PROTOPOPOV,
A.N.; SELITSKIY, Yu.A.; SOLOV'YEV, S.M.; SHIRYAYEV, B.M.; KYSMONT, V.P.

Low voltage neutron generator. Trudy Radiev.inst.AN SSSR 9:134-
140 '59. (MIRA 14:6)

(Neutrons)

AGREEMENT, etc.

Some peculiarities in assembling the engine of tractor KD-35; MTS 11 no. 12,
1951.

SO: MLRA, May 1952

ARTEM'YEV, Yu. I.; KOZLOV, A.

[Installation of crankshafts in engine blocks and assembly of
the lever ends of connecting rods of D-35 and D-54 motors]
Ukladka kolenchatykh valev v blok i sberka nizhnikh golovok
shatunov dvigatelei D-35 i D-54. Moskva, Izd-vo Ministerstva
sel'skogo khoziaistva i sagotovok SSSR, 1953. 15 p. (MIRA 6:11)
(Tractors--Motors)

1. AMIF'YEV, YU. N.; KOLLOV, A. P.
2. USSR (600)
4. Tractors--Motors
7. Installation of crankshafts and repairing main and crankpin bearings of tractor motors, Mekh. i elek. sel'khoz., No. 3, 1953.

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

ARTEM'YEV, Yu.N., kandidat tekhnicheskikh nauk; ALEKSHIN, I.A., inzhener;
ASTVATSATUROV, G.G., inzhener; BLESNOVATYY, S.I., inzhener; BONDAREN-
KO, A.F., inzhener; GURAL'NIK, Ye.L., inzhener; GOREUMOV, M.F., inzhe-
ner; ZLATOVSKIY, A.P., kandidat tekhnicheskikh nauk; KATTS, N.V., in-
zhener, KITAYEV, A.S., inzhener; KOKLOV, A.M., inzhener; LEONOV, P.T.,
inzhener; LIVSHITS, L.O., kandidat tekhnicheskikh nauk; LIBERMAN, A.N.,
inzhener; LINNIK, Ye.M., inzhener; LUKANOV, M.A., inzhener; MOROKOV,
S.A., inzhener; POGORELYY, I.P., kandidat tekhnicheskikh nauk; PETROV,
S.A., kandidat tekhnicheskikh nauk; PYATYESKIY, B.G., inzhener; RAO-
CHIIY, L.O., kandidat tekhnicheskikh nauk; SEMIVANOV, A.I., kandidat
tekhnicheskikh nauk; FENBERG, B.S., kandidat tekhnicheskikh nauk;
GHISYAKOV, V.D., inzhener; CHUNIKHIN, V.M., inzhener; SHIRYAYEV, A.I.,
inzhener; SHECHUPAK, A.D., inzhener; KUCHUMOV, P.S., inzhener, redaktor;
PETROV, S.A.; PRISTYAKOV, A.I., redaktor; BALLOU, A.I., tekhnicheskiy
redaktor.

[Handbook of equipment for repairing tractors and agricultural machin-
ery] Spravochnik po oborudovaniyu dlia remonta traktorov i sel'skokho-
ziaistvennykh mashin. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 646 p.
(MLRA 7:11)

(Tractors--Repairing) (Agricultural machinery--Maintenance and
repair)