YABLONSKAYA, V. P.

"Heat and Mass Transfer in Freezing Grounds."

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

YABLONSKAYA, V.P.

Investigation of heat transfer in freezing ground by the instantaneous source method. Issl.po fiz. i mekh. merzl. grun. no.4: 104-110 '61. (MIRA 14:12)

(Frozen ground) (Heat--Transmission)

YABLONSKAYA, Ye. A.

"The Determination of the Output of Chironomus Larvae From Lakes," Sub. 24 Oct 47, Moscow Higher Technical Educational Institution of the Fish Industry (MOSRYBVTUZ).

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

YABLONSKAYA, YE. A.

Teleostei

Some data on the growth and metabolism of Leucaspius delineatus L. during spawning. Trudy Gidrobiol, obshch. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

YABLONSKAYA Ye. A.

YABLONSKAYA, Ye.A.

Nutrition of Nereis succinea in the Caspian Sea. Mat. k pozn. fauny i flory SSSR. Otd. zool. no.33:285-351 '52. (MLRA 10:9)
(Caspian Sea--Polychaeta) (Marine biology)

YABLONSKAYA, Ye. A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

Name	Title of Work	Nominated by
Zenkevich, L. A. Birshteyn, E. A. Karpevich, A. F. Yablonskaya, Ye. A. Belyayev, G. M. Spasskiy, N. N. Uzheva, I. G.	"Acclimatization of Nereis in the Caspian Sea"	Ministry of the Food Products Industry USSR

SO: W-30604, 7 July 1954

YABLONSKAYA, Ye.A., kand.biol.nauk

Possible changes in the food supply of fishes of the Sea of Azov due to river development. Trudy VNIRO 31:151-198 '55. (MIRA 11:6)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.
(Azov, Sea of--Fishes--Food)

YABLONSKAYA, Ye.A.; STARK, I.N.

Correlation between Nereis succinea and other benthonic forms.
Biul.MOIP.Otd.biol. 60 no.6:77-85 N-D '55. (MLRA 9:3)
(AZOV, SEA OF--MARINE BIOLOGY) (POLYCHAETA)

YABLONSKAYA, Ye.A.

Seasonal dynamics of benthos in the Aral Sea. Trudy Okean kom. 10 no.4:33-41 '60. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.
(Aral Sea--Benthos)

YABLONSKAYA, Ye.A., kand.biologicheskikh nauk

Present state of benthos in the Aral Sea. Trudy VNIRO 43:115-149 '60. (MIRA 13:9)

(Aral Sea--Benthos)

YABLONSKAYA, Ye.A.

(4)

a. By [illegible] and L.B. [illegible]: "On the critical factors [illegible]"

b. By L.B. [illegible]: "Some [illegible]"

c. By Ye. (Miss) Ye.A. Yablonskaya: "[illegible]"

reports submitted, and copies distributed at the International Council for the Exploration of the Sea, Copenhagen, 2-10 Oct 1961.

(authors were not at the conference)

YABLONSKAYA, Ye.A.

Seasonal dynamics of benthos in the Aral Sea. Sbor. rab. po ikht. i gidrobiol. no.3:71-92 '61. (MIRA 15:1)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta rybnogo khozyaystva i okeanografii.
(Aral Sea--Benthos)

YABLONSKAYA, [illegible].A.

Some characteristics of the ecology of organisms living in the Aral Sea. Vop. ekol. 5:253-254 '62. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii, Moskva.
(Aral Sea--Hydrobiology)

YABLONSKIY, Ye.A.

Determination of colloid-bound water in plant tissue homogenates by a nonindicator refractometric method. Fiziol. rast. 11 no.1:142-146 Ja-F '64. (MIRA 17:2)

1. Gosudarstvennyy ordena Trudovogo Krasnogo Znameni Nikitskiy botanicheskiy sad, Yalta.

YABLONSKAYA, Ye.A.

Food supply for sturgeons in the southern seas. Trudy VNIRO no.54:81-112 '64. (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.

KOZHIN, N.I.; MARTI, Yu.Yu.; YABLONSKAYA, Ye.A.

Biological principles of sturgeon fisheries in the southern seas of the U.S.S.R. Trudy VNIRO 56:255-269 '64.

(MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.

YABLONSKAYA, Ye.M., inzh.

Expansion of remote control on electrified railroads in Western Europe. Zhel.dor.transp. 42 no.5:88-90 My '60. (MIRA 13:9)
(Europe, Western--Electric railroads)
(Remote control)

YABLONSKAYA, Ye.Ya., kand.biologicheskikh nauk

Feed supply of fishes in the Aral Sea and its utilization. Trudy VNIRO 43:150-176 '60. (MIRA 13:9)
(Aral Sea--Fishes--Food)

FEDOROVA, N.I.; ZOLOTOR'YAN, T.G.; BRONSHTEYN, N.I.; DYKMAN, L.P.; VURZEL', G.G.; YABLONSKAYA, Z.I.

Outbreak of Q fever among students of the Moscow Technological Institute of Meat and Dairy Industry. Zhur. mikrobiol., epid. i immun. 33 no.1:114-118 Ja '62. (MIRA 15:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR, Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii i Vsesoyuznogo instituta myasnoy promyshlennosti.
(Q FEVER)

Name: YABLONSKAYA, Z. V.

Dissertation: The planning and building of residential quarters and streets in the villages of southern Ukrainian SSR

Degree: Cand Arch Sci

Defended At
~~Affiliation~~: Inst of City Planning of the Acad of Construction and Architecture UkSSR

Publication
~~Defense~~ Date, Place: 1956, Kiev

Source: Knizhnaya Letopis', No 45, 1956

LAKHNO, Ye.S., kand.med.nauk; PAL'GOV, V.I., vrach; YABLONSKAYA, Z.V., arkhitektor

Health and architectural planning aspects of village construction in the Ukraine. Gig. i san. 24 no.1:55-58 Ja '59. (MIRA 12:2)

1. Iz Ukrainskogo instituta kommunal'noy gigiyeni i Instituta gradostroitel'stva Akademii stroitel'stva i arkhitektury USSR.

(HOUSING,
rural constructions in Russia (Rus))
(RURAL CONDITIONS,
same)

YABLON'SKI, V. [Jablonski, W.]

Investigating the various methods of loading the drawing rolls of ring spinning machines. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.4:55-62 '64. (MIRA 17:12)

1. Lodzinskiy politekhnicheskiy institut.

YABLONSKIS, I.S. [Jablonskis, J.]

Drainage density of the Lithuanian S.S.R. Trudy AN Lit. SSR. Ser. B no.2:181-192 '64. (MIRA 18:3)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR.

YABLONSKITE-UMBRASENE, Yu. K.

Yablonskite-Umbrasene, Yu. K.

"Experiment in operational treatment of innate clubfoot using T. S. Zatsepin's method." Vil'nyus State U imeni V. Kapsukas. Medical Faculty. Chair of Hospital Surgery. Vil'nyus, 1956. (Dissertation For the Degree of Candidate in Medical Science).

Knizhnaya letopis'
No 34, 1956. Moscow.

YABLONSKIY, A.A., doktor tekhn.nauk, prof.

Operating conditions of existing mechanized hump yards during the movement of freight cars equipped with roller bearings. Sbor. LIIZHT no.153:124-136 '58. (MIRA 11:8)
(Railroads--Hump yards)

YABLONSKIY, A.A., doktor tekhn.nauk, prof.

Basic characteristics of double-position braking in hump yards. (MIRA 11:8)
Sbor. LIIZHT no.153:137-171 '58.
(Railroads--Hump yards)

YABLONSKIY, A.A., doktor tekhn.nauk, prof.; PAVLOV, V.Ye., inzh.

Power of brake positions in existing mechanized hump yards. (MIRA 11:8)
Sbor. LIIZHT no.153:209-223 '58.
(Railroads--Hump yards)
(Railroads--Brakes)

VORONKOV, I.M., prof.; GERNET, M.M., prof.; DOBRONRAVOV, V.V., prof.; KOSMODEM'YANSKIY, A.A., prof.; LOYTSYANSKIY, L.G., prof.; SVESHNIKOV, G.N., prof.; SLOBODYANSKIY, M.G., prof.; YABLONSKIY, A.A., prof.; POGOSOV, G.S., dotsent

[Program in theoretical mechanics for majors in machinery designing, mechanics, instrument designing, electrical engineering, and construction at advanced technical institutions (220 hours)] Programma po teoreticheskoi mekhanike dlia mashinostroitel'nykh, mekhanicheskikh, priborostroitel'nykh, elektrotekhnicheskikh i stroitel'nykh spetsial'nostei vysshikh tekhnicheskikh uchebnykh zavedenii (220 chasov). Moskva, Gos.izd-vo "Vysshaia shkola," 1959. 10 p. (MIRA 13:2)

1. Russia (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniya. (Mechanics, Analytical)

YABLONSKIY, A.A., prof., doktor tekhn.nauk; PAVLOV, V.Ye., kand.tekhn.nauk

Methods for comparing the effectiveness of automatic control systems for braking uncoupled cars. Sbor.LIIZHT no.170:8-33 '60. (MIRA 13:8)

(Railroads--Yards) (Automatic control)

YABLONSKIY, Aleksandr Aleksandrovich, doktor tekhn. nauk, prof.;
NOREYKO, Sigizmund Sil'vestrovich, doktor tekhn. nauk, prof.;
AYZENBERG, T.B., nauchnyy red.; MARTYNOV, A.P., red. izd-va;
YEZHOVA, L.L., tekhn. red.

[Course of study in the theory of vibrations] Kurs teorii kolebanii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 206 p. (MIRA 14:9)
(Vibration)

YABLONSKIY, Aleksandr Aleksandrovich; NIKIFOROVA, Valentina Mikhaylovna; AYZENBERG, T.B., nauchnyy red.; OVSYANNIKOVA, Z.G., red.; GOROKHOVA, S.S., tekhn. red.

[Course in theoretical mechanics]Kurs teoreticheskoi mekhaniki. Moskva, Vysshaia shkola. Pt.1.[Statics, kinematics]Statika, kinematika. 1962. 430 p. (MIRA 16:2)
(Mechanics, Analytic)

YABLONSKIY, Aleksandr Aleksandrovich; OVSYANNIKOVA, Z.G., red.; GOROKHOVA, S.S., tekhn. red.

[Theoretical mechanics course]Kurs teoreticheskoi mekhaniki. Moskva, Gos.izd-vo "Vysshaia shkola." Pt.2. [Dynamics]Dinamika. 1962. 371 p. (MIRA 16:3)
(Dynamics--Study and teaching)

YABLONSKIY, Aleksandr Aleksandrovich; NIKIFOROVA, Valentina Mikhaylovna; AYZENBERG, T.B., nauchnyy red.; OSVYANNIKOVA, Z.G., red.; GOROKHOVA, S.S., tekhn. red.

[Course in theoretical mechanics] Kurs teoreticheskoi mekhaniki. Moskva, Vysshaia shkola. Pt.1. [Statics. Kinematics] Statika. Kinematika. 1962. 430 p. (MIRA 16:4)
(Mechanics)

YABLONSKIY, Aleksandr Aleksandrovich; OVSYANNIKOVA, Z.G., red.

[Course of theoretical mechanics] Kurs teoreticheskoi mekhaniki. Moskva, Vysshaia shkola. Pt.2. [Dynamics] Dinamika. Izd.2., perer. 1964. 374 p. (MIRA 17:5)

YABLONSKIY, A.F., Cand Med Sci -- (diss) "On the pharmacology of para-aminosalicylic acid (~~PASK~~) and streptomycin." Sverdlovsk, 1956, 17 pp (Sverdlovsk State Med Inst) 250 copies (KL, 50-58, 131)

YABLONSKIY, A.I.

General representation of a solution of Painleve's second equation. Dokl. AN BSSR 2 no.11:437-440 D '58. (MIRA 12:8)

1.Predstavleno akademikom AN BSSR N.P. Yeruginym.
(Differential equations)

YABLONSKIY, A.I.

Rational solutions for Painleve's second equation. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.3:30-35 '59. (MIRA 13:3)
(Polynomials)

YABLONSKIY, A.I.

Number of poles in a solution of Painleve's second equation.
Dokl. AN BSSR 3 no.6:237-238 Je '59. (MIRA 12:10)

1.Predstavleno akademikom AN BSSR N.P. Yeruginym.
(Differential equations)

YABLONSKIY, A.I.

Residue of poles of solutions for Painleve's second equation. Dokl.AN BSSR 4 no.2:47-50 F '60.
(MIRA 13:6)

1. Predstavleno akademikom AN BSSR N.P. Yeruginym.
(Functions, Transcendental)

YABLONSKIY, A. I.

Cand Phys-Math Sci - (diss) "Analytic characteristics of solutions of second-order Penleve equations." Minsk, 1961. 15 pp; (Ministry of Higher, Secondary Specialist, and Professional Education Belorussian SSR, Belorussian State Univ imeni V. I. Lenin); 275 copies; price not given; bibliography on pp 14-15; (KL, 5-61 sup, 175)

YABLONSKIY, A.I.

Correct solutions to the equation $y'' = f(x,y)$. Vestsi AN BSSR. Ser. Fiz.-tekh. nav. no.2:5-11 '63. (MIRA 17:1)

YABLONSKIY, Anatoliy Ivanovich; FAYNBOYM, I B., red.

[The machine makes a decision] Mashina prinimaet reshenie. Moskva, Izd-vo "Znanie," 1964. 53 p. (Novoe v zhizni, nauke, tekhnike. Seriia IX. Fizika, matematika, astronomiia, no.14) (MIRA 17:6)

L 51815-65 EWT(d) Pg-4 IJP(c)

ACCESSION NR: AP5017005 UR/0201/64/000/003/0005/0010

AUTHOR: Yablonskiy, A. I.

TITLE: Question of differential equations with integral solutions

SOURCE: AN BSSR. Izvestiya. Seriya fiziko-tekhnicheskikh nauk, no. 3, 1964, 5-10

TOPIC TAGS: differential equation, integral function, nonlinear equation

ABSTRACT: The author demonstrates the existence of certain classes of nonlinear equations all solutions of which are integral functions. First eliminating certain classes which do not meet this requirement he begins with the equation

$$B(z)w''w' + C(z)w'w + a(z)w^2 + b(z)w'w + M(z)w^3 = 0, \qquad (A)$$

in which B, C, a, b, and M are integral functions, and proceeds to find the necessary and sufficient conditions for which the solutions of (A) are integral.

Card 1/3

ACCESSION NR: AP5017005

On the basis of Penleve's conditions, the identities

$$\left.\begin{aligned} B(z) &\equiv 0 \\ a(z) &\equiv C(z)\left(\frac{1}{n} - 1\right) \end{aligned}\right\}, \qquad \text{(B)}$$

(where $n \neq 0$, a whole number, or ∞) are necessary and sufficient in order that (A) have only integral solutions. Equation (A) is then substituted into Equation (B):

$$w''w + \left(\frac{1}{n} - 1\right)w'^2 + k(z)w'w + m(z)w^2 = 0, \qquad \text{(C)}$$

where $k(z)$ and $m(z)$ are meromorphic functions. On the assumption $C(z) \neq 0$ (otherwise there would be a linear first-degree solution), and with the substitution of appropriate symbols, Equation (A) becomes

$$u'' + k(z)u' + \frac{m(z)}{n}u = 0, \qquad \text{(D)}$$

L 51815-65

ACCESSION NR: AP5017005

which is linear and homogeneous and has meromorphic coefficients. Here, if n 0, w(z) has poles for the zeroes of u(z), and some solution of (C) would not be integral; therefore, we must assume n 0.

The singular points of solutions to (D) coincide with poles k(z) and m(z). In order that w(z) be on the finite poles k(z) and m(z), the linearly independent solutions $u_1(z)$ and $u_2(z)$ must have characteristics which ensure holomorphicity of the function $(C_1u_1 + C_2u_2)^n$ for any C_1 and C_2. The author determines the necessary and sufficient conditions for holomorphicity of w(z) at point z and poles k(z) and m(z).

Orig. art has: 37 formulas.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MA

NR REF SOV: 004 OTHER: 000 JPRS

Card 3/3

S/0250/64/008/002/0077/0080

ACCESSION NR: AP4020377

AUTHOR: Yablonskiy, A. I.

TITLE: Asymptotic expansion of regular solutions for certain classes of differential equations (Presented by N. P. Yerugin, Academician AN BSSR)

SOURCE: AN BSSR. Doklady*, v. 8, no. 2, 1964, 77-80

TOPIC TAGS: asymptotic expansion, second order differential equation, asymptotic solution, regular solution

ABSTRACT: The existence and uniqueness of solutions of the general differential equation $y'' = f(x,y)$ and their asymptotic behavior were considered in a previous paper by A. I. Yablonskiy (Vestsi AN BSSR, ser. fiz-tekhn. navuk. No. 2, 1963). In this paper, the regular solutions of certain classes of equations of the form $y'' = f(x,y)$ are given asymptotic expansions in power series by applying the theorems of the previous work. The equations considered are: $y'' = 6y^2 - x$, $y'' = 2y^3 + xy + \alpha$, and $y'' = 2y^3 - xy + \alpha$. The solutions of these equations are compared with those of the equation $u'' = Ku^\alpha$. Expressions for the convergence of the regular solutions to their asymptotic expansions are given. Orig. art. has:

Card 1/2

ACCESSION NR: AP4020377

16 equations.

ASSOCIATION: Institut matematiki i vy*chislitel'noy tekhniki AN BSSR (Institute of Mathematics and Computing Technology AN BSSR)

SUBMITTED: 22Mar63 DATE ACQ: 27Mar64 ENCL: 00

SUB CODE: MM NO REF SOV: 004 OTHER: 000

Card 2/2

L 50517-65 EWT(d) Pg-4 IJP(c)

ACCESSION NR: AP5011104 UR/0376/65/001/003/0327/0329

AUTHORS: Kravchenko, T. K.; Yablonskiy, A. I.

TITLE: Solution of an infinite boundary value problem for a third order equation

SOURCE: Differentsial'nyye uravneniya, v. 1, no. 3, 1965, 327-329

TOPIC TAGS: boundary layer, differential equation, convergent series, boundary value problem

ABSTRACT: The authors study the equation

$$F''' + cF''F + mF'^2 = 0, \qquad (1)$$

subject to

$$F(0) = 0,\ F'(0) = -1,\ F'(\infty) = 0. \qquad (2)$$

where $c \neq 0$ and m are constants encountered in boundary layer theory. The formal solution of (1) is sought in the form of a Dirichlet series

$$F(x) = \frac{\gamma}{c} + \gamma \sum_{k=1}^{\infty} b_k \alpha^k e^{-k\gamma x}. \qquad (3)$$

They find such a representation for this boundary value problem and show it

Card 1/2

L 50527-65

ACCESSION NR: AP5013104

uniformly and absolutely convergent on $x > -\varepsilon < 0$. Orig. art. has: 9 formulas.

ASSOCIATION: Institut matematiki i vychislitel'noy tekhniki, AN BSSR (Institute of Mathematics and Computational Technology, AN BSSR)

SUBMITTED: 01Dec64 ENCL: 00 SUB CODE: MA

NO REF SOV: 001 OTHER: 000

Card 2/2

L 15049-66 EWT(d)/FSS-2

ACC NR: AP6002153 (A) SOURCE CODE: UR/0280/65/000/006/0103/0113

AUTHOR: Achkasov, Yu. S. (Moscow); Yablonskiy, A. I. (Moscow)

38
B

ORG: none

TITLE: Signal-noise separation with loss functions that depend on signal-observation time 8,44

SOURCE: AN SSSR, Izvestiya. Tekhnicheskaya kibernetika, no. 6, 1965, 103-113

TOPIC TAGS: signal noise separation, signal detection, radar

ABSTRACT: This processing is assumed: A multichannel device analyzes the outline of the likelihood ratio in the parameters space $\lambda = (\rho, \tau)$ of the signals being detected and isolates sufficiently powerful single likelihood peaks; each peak is processed in a common computer; the processing is practically optimal if the losses are additive (in the individual solutions) and the signal flow obeys the Poisson law. The loss functions cover parameter determination errors, signal-observation time, missing signals, false signals, and cost of processing. Optimal decisions about the signal presence and continuation or cessation of processing are passed by comparing

Card 1/2

2

L 15049-66
ACC NR: AP6002153

the likelihood ratio, integrated with respect to possible signal parameters within the peak, with the detection and cessation thresholds. The comparison with the detection threshold is performed on the condition that the decision about the presence of target in the next scanning would result in a greater loss than that associated with the immediate detection. The detection threshold depends on the signal parameters and the accuracy of their determination. Optimal thresholds calculated with an allowance for all possible situations during the successive steps can be replaced with approximately calculated thresholds which allow only for the parameter accuracy in the next step. Orig. art. has: 58 formulas.

SUB CODE: 09, 17 / SUBM DATE: 22Sep64 / ORIG REF: 003

Card 2/2

YABLONSKIY, A.I.

Asymptotic expansion of exact solutions to certain classes of differential equations. Dokl. AN BSSR 8 no.2:77-80 F '64. (MIRA 17:8)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR. Predstavleno akademikom AN BSSR N.P. Yeruginym.

YABLONSKIY, A.N., inzh.

Casting piston-ring blanks for free-piston gas producers. Mashinostroenie no.3:48-51 My-Je '62. (MIRA 15:7)

1. Luganskiy teplovozostroitel'nyy zavod imeni Oktyabr'skoy revolyutsii. (Founding) (Piston rings)

YABLONSKIY, A.S.

USSR/General Problems. Methodology, History, Scientific Institutions and Conferences, Instruction, Questions Concerning Bibliography and Scientific Documentation. A

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3460.

Author : N.A. Smirnov, A.S. Yablonskiy, V.A. Fefilov, Z.N. Pukhovitskaya, Ya. M. Koldobskiy.

Inst :

Title : Development of Leningrad Bread Beaking Industry.

Orig Pub: in symposium: Pishchevaya prom-st', L., Sel'khozgiz, 1957, 23-41.

Abstract: No abstract.

Card : 1/1

-11-

YABLONSKIY, A.S.

MIKHAYLOV, V.N.; YABLONSKIY, A.S.

Automation of the metering of ingredients and the preparation of dough at the G.P. Marsakov Bakery. Khleb. i kond. prom. 1 no.1: 39-43 '57. (MLRA 10:4)

1. Leningradskiy trest Rosglavkhleba.
(Bread) (Bakers and bakeries--Equipment and supplies)
(Automatic control)

YABLONSKIY, A.S.

Possibilities of the baking industry. Khleb.i kond.prom. 1 no.7:25-28 Jl '57. (MLRA 10:7)

1. Leningradskiy trest khlebopecheniya.
(Bakers and bakeries)

YABLONSKIY, A. V.

"Data Relating to the Study of Sheep and Goats Sick With Protostrongyloidiasis Caused by Protostrongylus Koch." Cand Vet Sci, Sverdlovsk Oblast Sci-Res Veterinary Experimental Station, Sverdlovsk; All-Union Inst of Helminthology, Moscow, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

YABLONSKIY, A.V., kand.veterinarnykh nauk

Sverdlovsk Veterinary Research Station. Trudy VIEV 23:398-400 '59.
(MIRA 13:10)

(Sverdlovsk Province--Veterinary research)

YABLONSKIY, A. V. and VERSHININ, I. I. (Candidates of Veterinary Sciences, Sverdlovsk NIVS [Scientific Research Veterinary Experimental Station], ILYUKHIN, V. P. (Veterinary Doctor, Marmara (?) Wild Animal And Breeding Farm).

"Dehelminthization of rabbits infested by passalurosis..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 36

YABLONSKIY, D.N., kand.arkhitektury; SHEPETOVA, I.M., arkhitektor; MEDVEDEV, M.I., inzh.

Numerical foundation of a series of derivative moduli. Izv. ASiA 4 no.2:77-81 '62. (MIRA 15:9)
(Modular coordination (Architecture))

LIPKIN, Veniamin Mikhaylovich; YABLONSKIY, F.M., red.; VORONIN, K.P., tekhn.red.

[Dekatrons and their applications] Dekatrony i ikh primenenie. Moskva, Gos.energ.izd-vo, 1960. 61 p. (Massovaia radiobiblioteka, no. 359). (MIRA 13:12)
(Counting devices) (Electron tubes)

9.4120

77789
SOV/109-5-2-22/26

AUTHOR: Yablonskiy, F. M.

TITLE: Determination of the Maximum Counting Rate of Gas Discharge Counting Tubes (Decatrons) From Anode-Cathode Gap Characteristics (Brief Communication)

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol 5, Nr 2, pp 338-341 (USSR)

ABSTRACT: The application of multielectrode glow-discharge tubes (decatrons) is limited by their relatively low operating frequency. An attempt is made in this paper to determine the limit of counting speed of multi-electrode cold cathode tubes by the dynamic characteristic of the anode-cathode gap. A two-impulse decatron is analyzed, but the results may also be applied to other counting tubes. Figure 1 shows the schematic layout of the decatron. The disc-type anode is surrounded by three group cathodes (K, 1 $\sqcap$ K, 2 $\sqcap$ K). Each group cathode consists of 10 individual electrodes. Oscillograms showing the voltages between the anode and subcathodes were made, using a differential

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amplifier with cathode coupling because it was not possible to ground any point) where the voltage was measured. The oscillograms do show that after the interruption of cathode current at time t_1, the voltage between the anode and cathode (K_0) drops below the glow voltage; therefore, deionization starts at this moment. To insure correct counting the next ignition at moment t_3 should start at the next cathode (K_1), which, due to the current to the next subcathode ($2\Pi K_1$), has a lower ignition voltage. Thus, the conditions for proper pulse counting may be stated as:

$$U_B(t_3) > U_3(t_3),$$

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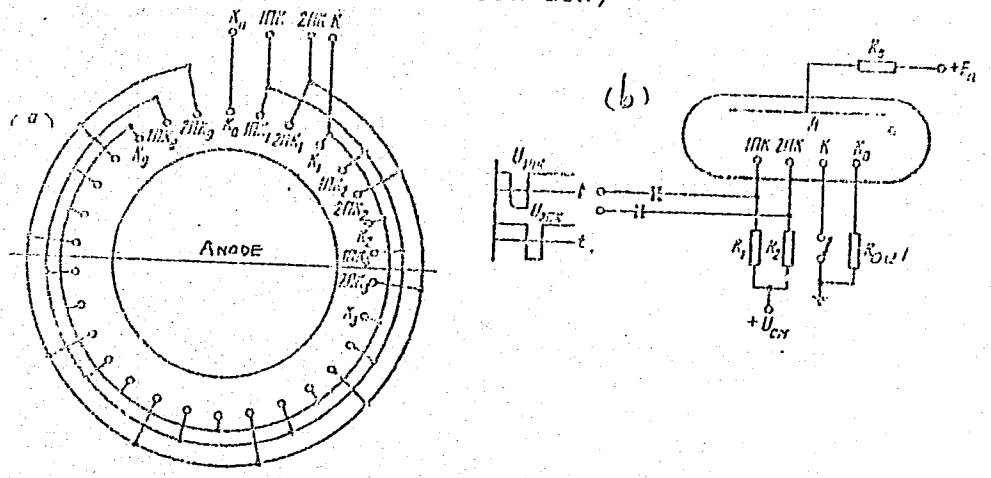

Fig. 1. Location of electrodes and principal layout of two-pulse decatron: (a) location of electrodes; (b) principal layout of circuit.

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where $U_B(t_3)$ = breakdown strength of the gap anode K_o at moment t_3; $U_3(t_3)$ = ignition voltage for cathode K_1 at presence of pulse current on $2\Pi K_1$. Magnitude U_B is a function of current I_K in the anode-cathode gap at reconstruction time $\tau_B = t_3 - t_1$, $U_B = f(I_K, \tau_B)$; U_3 is function of amplitude $I_{2\Pi K}$ and duration τ_y of current pulse on the electrode $2\Pi K_1$. The intersection of curves $U_B(\tau_B)$ and $U_3(\tau_y)$ determines the minimum time τ_{crit} required for controlling the decatron. If the summary duration of control pulses is smaller than τ_{crit}, the same cathode will be ignited again, and a pulse count missed. Only if the summary duration is

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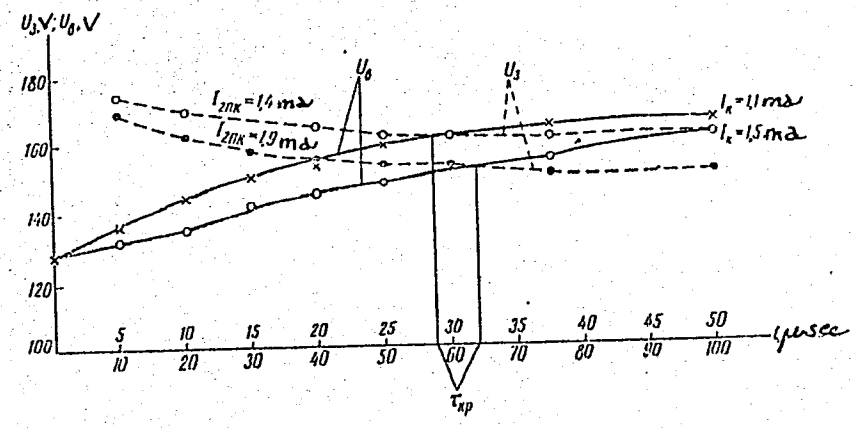

Fig. 3. Determination of τ_{crit} for decatron of type O Γ -1.

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larger than τ_{crit} will a proper transfer of charges take place. Equation (1) for a two-pulse decatron can be written:

$$\tau_{y\,min} = \frac{1}{2}\tau_{crit}$$

An analogous equation may be set up for the anode-1st subcathode, and anode-2nd subcathode gap. The symmetry of the decatron permits one to assume that the limit speed of counting:

$$f_{lim} = \frac{1}{3}\tau_{y\,min} = \frac{2}{3}\tau_{crit}$$

Analysis of processes of the counting scheme of the decatron permits determination of relations between the dynamic characteristics of a single discharge anode-cathode gap and the counting limit speed. Minimum duration of governing pulses and the limit speed of counting can be determined from the intersection

of the curves of reconstruction of the breakdown strength and of the single gap ignition. Experimental data confirmed theoretical methods. There are 3 figures; 1 table; and 5 references, 3 Soviet, 1 U.S., 1 German. The U.S. reference is: G. H. Hough, D. S. Ridler, Some Recently Developed Cold Cathode Glow Discharge Tubes, Electronic Engng., 1952, 24, 4, 152; 1952, 24, 5, 230; 1952, 24, 6, 272.

SUBMITTED: June 16, 1959

Limit Speeds of Decatron Counts

Decatron type	T_{crit} (μ sec)	Limit count speed kc	
		per formula (3)	determined by working on a recounting scheme
OG -1	60	11	8
OG -2	80	8	5
OG -3*	15	33	25
Experimental, filled with inert gas	100	6	4
Experimental, filled with mixture of inert gas and hydrogen	50	13	10

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* For a single pulse decatron 0Γ -3 the limit counting speed was calculated per formula: $f_{lim} = \ldots = 1/2\ \tau_{crit}$.

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PEREL'MUTER, V.S.; YABLONSKIY, F.M.; YANKIN, G.M.

Glow-discharge digital indicator. Radiotekhnika 15 no.12:77-79 D '60. (MIRA 14:9)

1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.
(Electronic calculating machines--Input-output equipment)

9.4120

30300
S/109/61/006/011/015/021
D201/D304

AUTHOR: Yablonskiy, F.M.

TITLE: Current control of dekatron discharge ignition

PERIODICAL: Radiotekhnika i elektronika, v. 6, no. 11, 1961, 1914 - 1920

TEXT: In the present article the author considers the current control of discharge in a doublepulse dekatron filled with helium-hydrogen mixture when the discharge is being transferred from the second secondary cathode to the main cathode. The experiments carried out permit the following deduction as to the qualitative mechanism of charge transfer in a dekatron to be made. At the instant when the negative control pulse is applied to the second of the secondary cathodes - this cathode receives the current of main discharge. The cathode thus works as a sonde surrounded by a unipolar layer, whose thickness is inversely proportional to the ion current reaching the cathode from the main discharge. At the instant when the control pulse ends, the potential of the second secondary catho-

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Current control of dekatron ...

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de rises which leads to a decrease of current and to an increase of the potential of the anode, which determines in turn the potential of the plasma. At this instant the potential between the cathode-sonde and plasma increases and the current of basic discharge decreases. As a result of the above the distribution of potential produced inside the unipolar layer becomes insufficient for producing the screening of the cathode field; this field reaches the plasma and this effect increases eventually the thickness of the unipolar layer. The initiation of discharge at the cathode may be considered as the breakdown of the unipolar layer, acting until the latter is completely reformed. Since the pressure and distance between the electrodes in a dekatron correspond to the right branch of the Paschen curve, the smaller the thickness of the unipolar layer at this instant the more readily will the breakdown occur. The thickness of this layer decreases with the increase of cathode current and vice versa. Thus the decrease of ΔU_f with decreasing U_{2sec} (Fig. 5) may be explained by the decrease of the ion layer as a result of increase of cathode current I_c flowing to

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the cathode-sonde with decreasing U_{2sec}. The increase of ΔU_f with decreasing pulse length τ is due to the fact that ions of discharge occurring at the 2nd secondary cathode at the instant of timing t_f have not enough time to diffuse onto the cathode-probe and this produces the increase of thickness of the unipolar layer at the latter. The decrease of U_f with the increase of $\Delta U_a/dt$ and the decrease of $d U_{2 sec}/dt$ may be explained by a decrease in the interval between the instant when current at the subsidiary cathode is stopped and the increase of the anode voltage. It is stated in conclusion that analysis of dependence of the firing voltage between anode and cathode on the duration and amplitude of control pulse, rate of change of voltage at the second subsidiary cathode and anode current shows that the change of the firing voltage for discharge between the anode and cathode may be explained by the changes in the thickness of the unipolar layer surrounding the cathode-probe just before the breakdown. The author acknowledges the help of V.L. Granovskiy in assessing his results. There are 10 figures, and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc.

SUBMITTED: February 8, 1961

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GOFMAN, B.A.; YABLONSKIY, F.M.

Use of glow-discharge thyratrons for controlling gas-discharge counting and switching tubes. Radiotekhnika 16 no.7:60-63 Jl '61. (MIRA 14:7)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi im. A.S.Popova.
(Oscillators, Electric) (Counting devices) (Thyratrons)

34038
S/109/62/007/001/017/027
D230/D301

9.4120 (1105)

AUTHOR: Yablonskiy, F.M.

TITLE: Electric strength recovery of a two-electrode gap after the passage of a glow-discharge

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 1, 1962, 142 - 152

TEXT: This is an investigation of the electric strength recovery in a diode gaseous gap after glow-discharge as a function of the geometry, kind and pressure of gas and electrical conditions prevailing in the gap at the time of deionization. Experiments were made in He, Ne, Ar, Kr and Xe at pressures between 20 and 150 mm Hg. Recovery in He for pressures between 70 and 150 mm Hg increases with rise of pressure, however, for pressures between 20 to 40 mm Hg the recovery actually decreases. For Ne, Ar, Kr and Xe the recovery increases with rise of pressure for the whole of the investigated range. In general for all gases except He, as the atomic number increases the initial speed of the recovery rises and the time of re-

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covery decreases. The disappearance of charged particles and the decaying plasma of the ionized gas determine the electric strength recovery. This can occur in any of the following processes: a) Ambipolar diffusion of the carrier into the walls and their subsequent recombination, b) volume recombination of the electrons with the positive ions and c) adhesion of electrons to neutral atoms and molecules and subsequent recombination of the positive and negative carriers. Tabulated values point to the relatively small effect of pressure on the coefficient of volume recombination (β). Reasonable agreement obtained between the calculated and measured values of β suggests that plasma decay occurs further as a result of dissociated volume recombination during electron collisions with molecular ions of the inert gas. As a result of volume recombination the concentration of charged particles in the interelectrode space falls by a factor of 1 to 2; however, the corresponding role of volume recombination in the disappearance of charged particles is considerably lower, but the role of ambipolar diffusion increases. There are 11 figures, 2 tables and 10 references: 1 Soviet-bloc and 9 non-Soviet-bloc. The 4 most recent references to the English-language

Electric strength recovery of a ...

publications read as follows: F.M. Penning and J.H.A. Moubis, Philips Res. Repts., 1945/46, 2, 1, 119; Yoshiyuki Takeishi, J. Phys. Soc. Japan, 1958, 13, 7, 767; H.I. Oskam, Philips Res. Repts. 1958, 13, 4-5, 335; L.B. Loeb, The basic processes of gaseous electronics University of California Press, 1955.

SUBMITTED: June 8, 1961

Card 3/3

YABLONSKIY, G.

Using wastes obtained in mining shell rock. Stroi. mat. 4 no. 6:25 Je '58. (MIRA 11:7)

1. Upravlyayushchiy trestom "Nerudstroymaterialy."
(Odessa Province--Quarries and quarrying)
(Waste products)

GAL'PERIN, M.I., inzh.; YABLONSKIY, G.A., inzh.

Measures for increasing the reliability of the bleed sectors of the runner chambers of adjustable-blade hydraulic turbines. Energomashinostroenie 9 no.5:38-39 My '63. (MIRA 16:7)

(Hydraulic turbines)

GAL'PERIN, M.I., inzh.; YABLONSKIY, G.A., inzh.

Fastening of rotor wheel chambers of adjustable-blade turbines. Energomashinostroenie 9 no.7:34,48 Jl '63. (MIRA 16:7)

(Hydraulic turbines)

YABLONSKIY, G. A.

Skin Grafting

Fluorescein test in surgical practice. Vest. khir. 72 no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress. November, 1952. UNCLASSIFIED

YABLONSKIY, G.A., kand.med.nauk

Homotransplantation of skin in burns [with summary in English, p.136]. Vest.khir. 79 no.12:27-31 D '57. (MIRA 11:1)

1. Iz kafedry gospital'noy khirurgii (nach. - prof. I.S.Kolesnikov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.
(SKIN TRANSPLANTATION, in various ids.
homografts in burns)
(BURNS, surg.
skin hemografts)

YABLONSKIY, G.A., kand.med.nauk

Italian dermatoplasty [with summary in English]. Vest.khir. 81 no.8:91-95 Ag '58 (MIRA 11:9)

1. Iz gospital'noy khirurgicheskoy kliniki (nach. - prof. I.S. Kolesnikov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova i N-skoy voskovoy chasti.

(SKIN TRANSPLANTATION,
Italian methods (Rus))

YABLONSKIY, G.S., inzhener

New machine for underground production of cut stone. Mekh. stroi 12 no.4:32 Ap '55. (MLRA 8:6)

(Stonecutting)

YABLONSKIY, G.S., inzhener.

Experience with obtaining large sawed limestone blocks.
Mekh.stroi. 13 no.3:15-18 Mr '56. (MLRA 9:6)
(Limestone) (Stonecutters)

YABLONSKIY, Georgiy Safonovich; ORLOV, A.M., nauchnyy redaktor; FEDOROVA, T.T., redaktor; GILENSON, P.G., tekhnicheskiy redaktor

[Sawing limestone] Razrabotka pil'nykh izvestniakov. Moskva, Gos. izd-vo lit-ry po stroit. materialam, 1957. 95 p. (MLRA 10:10)
(Limestone)

YABLONSKIY, G.

YABLONSKIY, G., inzh.

Using SM-89A stone-sawing machines for quarrying high-strength stone. Stroi.mat. 3 no.11:27 N '57. (MIRA 10:12)
(Stonecutting) (Limestone)

YABLONSKIY, G.S., inzh.

Extend the mechanization of stonecutting. Bezop.truda v prom. 5 no.6:13-14 Je '61. (MIRA 14:6)

1. Upravleniye promyshlennosti stroitel'nykh materialov Odesskogo sovnarkhoza.

(Stonecutting--Equipment and supplies)

YABLONSKIY, G.S.

"Manual on safety measures for operators of stone-cutting machines" by I.S. Makulin. Reviewed by G.S. IAblonskii. Bezop truda v prom. 7 no.4:38 Ap '63. (MIRA 16:4)

1. Glavnyy inzh. Upravleniya promyshlennykh stroymaterialov Chernomorskogo soveta narodnogo khozyaystva.
(Stone cutting--Equipment and supplies)
(Makulin, I.S.)

YABLONSKIY, Georgiy Saforovich

[Safety manual for operators (operators' assistants) of stone-cutting machinery during the underground work on stones] Pamiatka po tekhnike bezopasnosti dlia mashinistov (pomoshchnikov mashinistov) kamnereznykh mashin pri podzemnykh razrabotkakh kamnia. Moskva, Stroiizdat, 1965. 13 p. (MIRA 18:5)

ZAGORIY, V.I. [Zahorii, V.I.]; YABLONSKIY, G.S. [IAblons'kiy, H.S.]

Calculating the ecoromical density of the current in the electrolysis of the solution of salt. Khim. prom. [Ukr.] no.3:70-72 Jl-S '64. (MIRA 17:12)

LANDESMAN, L.M.; YABLONSKIY, G.V. (Vinnitsa)

Clinical aspects of Rendu-Osler disease. Vrach.delo no.2:130-131 F '63. (MIRA 16:5)

1. Gematologicheskoye otdeleniye oblastnoy bol'nitsy imeni prof. N.I. Pirogova (nauchnyy rukovoditel' prof. B.S. Shklyar [deceased]).

(TELANGIECTASIS)

L 41403-65 EWT(m) Peb DIAAP

ACCESSION NR: AR5009684 UR/0058/65/000/002/A055/A055

SOURCE: Ref. zh. Fizika, Abs. 2A432

AUTHOR: Yablonskiy, K. V.

TITLE: Concerning the determination of the concentration of a radioactive indicator in a gas mixture

CITED SOURCE: Sb. Fizika. Dokl. na 22 Nauchn. konferentsii. Leningr. inzh.-stroit. in-t. L., 1964, 31-34

TOPIC TAGS: radioactive tracer, counting rate, end window counter, Beta particle flux

TRANSLATION: An expression is considered for the flux of β particles through the window of an end-window counter placed in a mixture of gases containing a radioactive tracer. The dependence of the counting rate on the distance between the counter and a point source moving normally to the counter window is determined experimentally. The dependence of the counting rate on the distance between the counter and an infinitesimally thin disc is determined by graphic integration.

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L 41403-65

ACCESSION NR: AR5009684

The latter dependence is used to find by graphic integration the β-particle flux incident on the counter from the entire sensitive volume in the form of a hemisphere. A. Smetanin.

SUB CODE: NP ENCL: 00

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L 08353-67

ACC NR: AR6028122 SOURCE CODE: UR/0058/66/000/005/A019/A019

AUTHOR: Soltanov, V. S.; Yablonskiy, K. Ye. 52

TITLE: Semiconductor pickups for the measurement of temperature, velocity, and direction of flow 1m 9m 4m

SOURCE: Ref. zh. Fizika, Abs. 5A161

REF. SOURCE: Sb. Issled. po matem. i eksperim. fiz. i mekhan. L., 1965, 192-201

TOPIC TAGS: flow temperature measurement, flow angle, flow velocity, semiconductor device, thermistor

ABSTRACT: Experience is reported in the use of semiconductor heat-sensitive resistances (HSR) as temperature and velocity pickups. Questions involved in temperature calibration of the HSR are discussed. The construction is described of a flow-velocity pickup based on a KMT-1 thermistor with indirectly heated nichrome coil. The pickup sensitivity if 0.1° per 0.1 m/sec. The possibility of using the described pickup to measure flow direction is discussed. V. Vertogradskiy [Translation of Abstract]

SUB CODE: 20

Card 1/1 nst

SELIVANOV, I.; YABLONSKIY, L.

Mechanized construction yard for producing supports by the method of centrifugation. Zhil.-kom. khoz. 7 no.2:9-10 '57. (MLRA 10:4)
(Electric lines--Poles) (Precast concrete)

DOTSENKO, A.P., kand. sel'khoz. nauk; TKACHENKO, A.A.; DOSTIN, Yu.V.; YURGENSON, Ye.I., kand. sel'khoz. nauk; YABLONSKIY, L.I.; GARMASH, P., red.

[Forest reserves of the Crimea] V zapovednykh lesakh Kryma. Simferopol', Krymizdat, 1963. 1 v. (MIRA 17:6)

YABLONSKIY, L.M., inzh.

Introducing uniform procedures in the operations of the section. Zhel.dor.transp. 40 no.4:71-73 Ap '58. (MIRA 13:4)

1. Starshiy inspektor otdeleniya, g.Lugansk.
(Lugansk--Railroads--Management)

ATABEKOV, V.B.; KULESHOV, Ya.T.; FRIDKIN, I.A.; YABLONSKIY, L.S.; ALEKSEYEV, V.P., red.; BALKOVSKAYA, I.Z., red. izd-va; KHENOKH, F.M., tekhn. red.

[Handbook on municipal electric networks and substations] Spravochnik po gorodskim elektricheskim setiam i podstantsiiam. [By] V.B.Atabekov i dr. Moskva, Izd-vo MKKh RSFSR, 1963. 550 p. (MIRA 16:11)
(Electric power distribution--Handbooks, manuals, etc.)
(Electric substations--Handbooks, manuals, etc.)