L 09507-67
ACC NR: AT6023743

3

gives detailed drawings of the extrusion die and the container. It then passes on to a theoretical consideration of design calculations for high pressure vessels. Calculated results show that steels EI643, 45KhNMFA, and 15Kh2GN2TRA are suitable materials for fabrication of high pressure vessels, while with a vessel wall thickness greater than 100-120 mm, steels 33KhNZMA and 30KhGSNA are preferred. For work at temperatures from 300-500°C, steels 3Kh2V8, 40KhNMA, 23Kh2NVFA, and others can be used. "The work was done by coworkers of the Institute of Earth Physics AN SSSR (Institut fiziki Zemli AN SSSR), Moscow Engineering Physics Institute (Moskovskiy inghenergo-fizicheskogo institut), and Institute of Metal Physics AN SSSR (Institut fiziki metallov AN SSSR)." Orig. art. has: 10 formulas, 5 figures and 2 tables.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 009/ OTH REF: 002

Card 3/3 LC

L 07815-67 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k) IJP(c) WW/RM/GD
ACC NR: AT6034484 SOURCE CODE: UR/0000/66/000/000/0014/0022

AUTHOR: Perederiy, S. K. (Khar'kov); Rodionov, L. A. (Khar'kov) 21

ORG: none

TITLE: Cylindric shell 26 under a constant radial load distributed over a part of the cross section

SOURCE: Khar'kov. Politekhnicheskiy institut. Dinamika i prochnost' mashin (Dynamics and strength of machines), no. 3, Kharkov, Izd-vo Khar'kovskogo univ., 1966, 14-22

TOPIC TAGS: thin shell structure, cylindric shell structure, ~~cylindric shell deflection~~

ABSTRACT: The S. P. Timoshenko version of the linear differential equations in displacements which describe the state of strain in a cylindrical shell (in the theory of thin shells) is used to analyze the behavior of a simply supported cylindrical shell subjected to a radial load distributed over a portion of its cross section. The displacement components and the external surface load are approximated by unknown functions in the form of trigonometric series, and expressions for forces, moments, and displacements, as well as for the total potential strain energy of the shell are derived. Applying the principle of virtual displacements to the latter expression, solutions for

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ACC NR: AT6034484 O

the following cases of loading are obtained: 1) a concentrated radial force; and 2) a radial load distributed over a section of the circumference at a certain cross section of the shell. An expression for determining the radial deflections at any point of the shell is derived. By using the gamma function for summation of series, formulas are obtained by which a direct numerical calculation of the deflections can be performed. The results of theoretical analysis and of experimental determination of the normal deflections of the shell along its directrix are compared in diagrams which show fair agreement. A diagram of the device for loading and a photo of the testing stand are given. Orig. art. has: 7 figures and 44 formulas.

SUB CODE: 20/ SUBM DATE: 01Jun66/ ORIG REF: 005/ ATD PRESS: 5102

Card 2/2 bc

RODIONOV, L.I.

Designing a potentiometric circuit for temperature stabilization of the working point of semiconductor triodes. Radiotekhnika 13 no.10:57-63 O '58. (MIRA 11:11)

1. Deystvitel'nyy chlen Vsesoyuznogo nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi im A.S. Popova.
(Transistors)

AUTHOR: [redacted], Member of the Society SOV/108-13-10-10/13

TITLE: On the Calculation of the Potentiometer Circuit for Temperature Stabilization of the Working Point of a Semiconductor Triode (K raschëtu potentsiometricheskoy skhemy temperaturnoy stabilizatsii rabochey tochki poluprovodnikovogo trioda)

PERIODICAL: Radiotekhnika, 1958, Vol 13, Nr 10, pp 57 - 63 (USSR)

ABSTRACT: This paper gives an account of the mathematical analysis of the action of a temperature stabilization of semiconductor triodes by using a potentiometer circuit. Formulae for the calculation of the thermal stabilization of the working point of Π1-triodes (or Π6-triodes) are advanced. The theoretical analysis, however, permits to generalize the results obtained to any type of triode. It appears that this circuit, apart from its thermal stabilizing effects, still exhibits another valuable feature. It is capable of eliminating the influence of the straying of the current amplification coefficient upon the position of the working point . This property may come

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On the Calculation of the Potentiometer Circuit for Temperature Stabilization of the Working Point of a Semiconductor Triode SOV/108-13-10-10/13

in useful in an extension of the scope of triode interchangeability. Regardless of this circumstance the current amplification factor β of the triodes may vary a great deal. In order to establish an effective thermal stabilization of the bias point of the triode in the potentiometer formulae (9) and (11) may be used. The circuit permits an depletion operation of the triode. This permits to run the triode at higher temperatures (in excess of+100°C). The formulae derived in this paper can be manipulated in a simple manner and provide an almost complete accordance with experimental experience. There are 7 figures, 2 tables, and 5 references, 3 of which are Soviet.

SUBMITTED: May 7, 1957

ASSOCIATION: Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi im. A.S. Popova (All-Union Scientific and Technical Society of Radio and Communications Engineering im. A.S. Popov)

Card 2/2

KUZ'MINSKIY, Semen Pavlovich; SHUBIN, Vladimir Grigor'yevich; RODIONOV, L.Ye., otv.red.; SLAVOROSOV, A.Kh., red.izd-va; LOMILINA, L.N., tekhn.red.

[Triangulation in mine surveying; principles of higher geodesy] Rudnichnaia trianguliatsiia; osnovy vysshei geodezii. Moskva, Ugletekhizdat, 1959. 287 p. (MIRA 12:8)
(Triangulation) (Mine surveying)

Kolomnev, L. Ye.

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn. nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV, V.G., inzh.; VINNITSKIY, K.Ye., kand.tekhn.nauk; VLASOV, V.M., inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.; GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk [deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand. tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn. nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk; KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand. tekhn.nauk; MAZUROK, S.F., inzh.; MEL'NIKOV, N.V.; MUDRIK, N.G., inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.; POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.; RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.A., kand. tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.; SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH, Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.; TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV, B.M., inzh.; SHATAYEV, M.G., inzh.; SHESHKO, Ye.F., prof., doktor tekhn.nauk; TERPIGOREV, A.M., glavnyy red. [deceased];

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 2.
KIT, I.K., zamestitel' glavnogo red.; SHESHKO, Ye.F., zamestitel' otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.; DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.; SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P., kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.; LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH, A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLAVUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOVSKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.; SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red. izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

(Continued on next card)

ALATORTSEV, S.A.----(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav. red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka ugol'nykh mestorozhdenii otkrytym sposobom. Redkollegiia toma; N.V.Mel'nikov i dr. 1960. 625 p.
(MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Coal mines and mining) (Strip mining)

GELYUTA, Yevgeniy Zakharovich, prepod.; NURMUKHAMEDOV, Yunus Kaderbayevich, prepod. Prinimal uchastiye KOVALEV, I.A., dots.; RODIONOV, L.Ye., dots.

[Mining engineering] Gornoe delo. Moskva, Nedra, 1965. 590 p. (MIRA 18:9)

1. Vsesoyuznyy zaochnyy politekhnicheskiy institut.

RODIONOV, L.Ye., kandidat tekhnicheskikh nauk.

Slat conveyer with one supporting beam. Mekh.trud.rab. 10 no.6: 46-47 Je '56. (MLRA 9:8)

(Conveying machinery)

RODIONOV, L. YE.

RODIONOV, L. YE.--"Determination of the Angle of the Working Slope of an Open-Pit Coal Mine." Min Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin, Chair of Mine Surveying. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science).

SO Knizhanay letopis'
No 2, 1956

RODIONOV, L. Ye., kand. tekhn. nauk; VORKOVASTOV, K. S., gornyy inzh.

Accuracy of a mine survey in working placer deposits by the open-pit method. Gor. zhur. no.11:64-67 N '62. (MIRA 15:10)

1. Vsesoyuznyy zaochnyy politekhnicheskiy institut, Moskva (for Rodionov). 2. Magadanskiy sovet narodnogo khozyaystva (for Vorkovastov).

(Mine surveying)

RZHEVSKIY, V.V., prof.,dokt.tekhn.nauk; BUYANOV,Yu.D., kand.tekhn.nauk; VASIL'YEV, Ye.I., kand.tekhn.nauk; DEMIN, A.M., kand.tekhn.nauk; KULESHOV, N.A., kand.tekhn.nauk; MEN'SHOV, B.G., kand.tekhn.nauk; NEVSKIY, V.N., kand.tekhn.nauk; POTAPOV, M.G., kand.tekhn.nauk; RODIONOV, L.Ye., kand.tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SUKHANOVA, Ye.M., kand.tekhn.nauk; YUMATOV, B.P., kand.tekhn.nauk; KHOKHRYAKOV, V.S., kand.tekhn.nauk; ALEKSANDROV, N.N., gornyy inzh.; ARISTOV, I.I., inzh.; BUGOSLAVSKIY, Yu.K., gornyy inzh.; DIDKOVSKIY, D.Z., inzh.; ONOTSKIY, M.I., inzh.; STAKHEVICH, Ye.B., inzh.; GEYMAN, L.M., red.izd-va; MAKSIMOVA, V.V., tekhn. red.; KONDRAT'YEVA, M.A., tekhn. red.

[Handbook for the strip-mine foreman] Spravochnik gornogo mastera kar'era. Pod red. V.V.Rzhevskogo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 572 p. (MIRA 14:12)
(Strip mining)

RODIONOV, Leonid Yevgen'yevich, dots.; BUGAYETS, Yevgeniy Andreyevich, dots.; ALEKSEYEV, S.L., starshiy prepodavatel'; SLAVOROSOV, A.Kh., red. izd-va; GALANOVA, V.V., tekhn. red.

[Surveying in ope-pit mining] Markscheiderskie raboty pri otkrytykh razrabotkakh. Moskva, Gos. nauchno-tekhn. izd-vo po gornomu delu, 1961. 334 p. (MIRA 14:8)

1. Vsesoyuznyy zaochnyy politekhnicheskiy institut (for Rodionov, Bugayets, Alekseyev)
(Mine surveying)

RODIONOV, Leonid Yevgen'yevich; SAMSONOVA, M.T., red. izd-va; GOROKHOVA, S.S., tekhn. red.

[Observations on the displacement of rocks in mine surveying; second lecture for students specializing in mine surveying] Marksheiderskie nabliudeniia za sdvizheniem gornykh porod; lektsiia vtoraia dlia studentov spetsial'nosti "Marksheiderskoe delo." Moskva, Gos.izd-vo "Vysshaia shkola," 1960. 39 p. (MIRA 15:1)

(Mine surveying)

BIZYAKIN, Nikolay Tikhonovich; RODIONOV, Leonid Yevgen'yevich; BYKHOVSKAYA, S.N., red. izd-va; BERESLAVSKAYA, A.Sh., tekhn. red.; GALANOVA, V.V., tekhn. red.

[Shift measurements in open-pit mining] Smennye zamery otkrytykh gornykh rabot. Moskva, Gosgortekhizdat, 1961. 44 p. (MIRA 15:7)

(Strip mining--Labor productivity)

RODIONOV, Leonid Yevgen'yevich, kand. tekhn. nauk. Prinimal uchastiye BUYANOV, Yu.A., kand. tekhn. nauk; BYKHOVSKAYA, S.N., red. izd-va; SHKLYAR, S.Ya., tekhn. red.; LOMILINA, L.N., tekhn. red.

[Open-pit mining of mineral deposits] Otkrytaia razrabotka mestorozhdenii poleznykh iskopaemykh. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 294 p. (MIRA 15:1)
(Strip mining)

RODIONOV, Leonid Yevgen'yevich. Prinimal uchastiye ALEKSEYEV, S.L., gornyy inzh.. SLAVOROSOV, A.Kh., red.izd-va; BERESLAVSKAYA, L.Sh., tekhn.red.; LOMILINA, L.N., tekhn.red.

[Mine surveying in open pit mining] Marksheiderskoe obsluzhivanie otkrytykh gornykh razrabotok. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 219 p. (MIRA 13:5)
(Strip mining) (Mine surveying)

FISENKO, Georgiy Lavrent'yevich; RODIONOV, L.Ye., otvetstvennyy redaktor; SLAVOROSOV, A.Kh., redaktor; ZAZUL'SKAYA, V.G., tekhnicheskiy redaktor

[Rigidity of the rims of open-cut coal mines] Ustoichivost' bortov ugol'nykh kar'erov. Moskva, Ugletekhizdat, 1956. 229 p. (MLRA 10:3)
(Strip mining)

PAVLOV, Fedor Fedorovich, prof.; MASHKEVICH, Vladimir Pavlovich, dots.; FEDOROV, Boris Dmitriyevich, dots.; RODIONOV, L.Ye., otv. red.; SLAVOROSOV, A.Kh., red. izd-va; BOLDYREVA, Z.A., tekhn.red.; PROZOROVSKAYA, V.L., tekhn. red.

[Geodesy] Geodeziia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p. (MIRA 14:5)

1. Moskovskiy gornyy institut (for Pavlov, Mashkevich, Fedorov) (Surveying)

RODIONOV, L.Ye., kand.tekhn.nauk

Justification of work bench parameters of a coal strip mine. (MIRA 12:10)
Ugol' 34 no.7:15-18 Jl '59.
(Strip mining)

RODIONOV, Leonid Yevgen'yevich; ROSTOVTSEV, A.F., otvetstvennyy redaktor; SLAVOROSOV, A.Kh., redaktor izdatel'stva; ANDREYEV, G.G., tekhnicheskiy redaktor

[Determination of bench slope angles in open cut mines] Opredelenie uglov otkosa rabochikh ustupov ugol'nogo razreza. Moskva, Ugletekhizdat, 1956. 40 p. (MIRA 9:12)
(Coal mines and mining)
(Strip mining)

ROZHKOV, Anatoliy Sergeyevich; CHEREPANOV, A.I., otv. red.; [illegible], L.Z., red.

[Mass reproduction of Dendrolimus and measures for its control] Massovoe razmnozhenie sibirskogo shelkopriada i mery bor'by s nim. Moskva, Nauka, 1965. 178 p. (MIRA 18:12)

ZHAROV, Valentin Ivanovich; RODIONOV, M., red.; LYANGUZOVA, L., tekhn.red.

[Meet the Karacharov workers] Poznakom'tes' - karacharovtsy. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 46 p. (MIRA 12:8)

(Labor and laboring classes)

MEDVEDEV, F.; RODIONOV, M.

This is the beginning of communism. Sov. profsoiuzy 18 no.17: 7-10 S '62. (MIRA 15:8)
(Volgograd Province--Trade unions)

RODIONOV, M.

The Hofmann reaction. III. Reaction of acylated amides of β-aminopelargonic acid with alkaline hypobromites. A. M. Rodionov and V. K. Zavyalova. *Izvest. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1950, 208-20; cf. *C.A.* 43, 235g.—The Hofmann reaction with acylated amides of β-aminopelargonic acid proceeds through the formation of acylated 2-(acylamino)octyl isocyanates and in a side reaction yields substituted hydantoins. Thus a route from β-amino to α-amino acids is opened. The possible explanations of the results are discussed in the light of previous work (cf. Karrer and Schlosser, *C.A.* 17, 2116). Treatment of 7 ml. Br, 25.15 g. KOH, and 175 ml. H_2O at −10° with 12.6 g. $C_4H_9CH(NHCO_2Et)CH_2CONH_2$, m. 158°, and heating the soln. on a steam bath to 55° (spontaneous heating to 65°) gave on cooling and extn. with Et_2O, 3.3 g. *3-carbethoxy-4-hexyl-2-imidazolidone* (I), m. 82-3°, 1 g. unreacted amide, and 0.12 g. *5-hexylhydantoin* (II), m. 147° (on acidification of the aq. soln.); some 2 g. uncrystallizable oil was also isolated. If the initial reaction temp. reaches 70°, the same products are formed, along with a *solid*, m. 121-2°. Hydrolysis of II with boiling 5% KOH gave *α-ureidocaprylic acid* (III), decomp. 167°, and *α-aminocaprylic acid* (IV), decomp. 245-50°. Heating IV (0.3 g.) 4 hrs. with 0.3 g. KCNO in 6 ml. H_2O gave, on acidification, 68% III, decomp. 167°, as above, while III heated 0.5 hr. with 25% HCl gave 90% II, also obtained (0.07 g.) from I. 4-hexyl-2-imidazolidone (V) with 0.81 ml. Br in 20 ml. H_2O. If the original Hofmann reaction mixt. (from 18.85 g. amide) is rapidly cooled after the temp. reaches 65° there are obtained: 1.7 g. V, 3.6 g. I, 0.75 g. II, 4.9 g. neutral oil, and 3.7 g. liquid acids; the latter were sepd. into 0.7 g. enanthic acid, 0.01 g. III, 0.02 g. II, and traces of IV; the neutral oil yielded 1.27 g. V, 0.01 g. *β-(carbethoxyamino)pelargonic acid*, some HCN, and a *solid*, m. 121-2°, which is also obtained among the products of hydrolysis of I with aq. KOH, and which is given the provisional formula, $C_4H_9CH(NHCO_2Et)CH_2NHCON:C(:O).NH.CH(C_4H_9).CH_2.C_4H_9$-$CH(NHAc)CH_2CONH_2$ (VI) with 3.1 ml. Br in 72 g. KOH and 72 ml. H_2O similarly gave after rapid cooling, when 65° was attained by the soln., 0.97-1.29 g. V, 1.05-1.5 g. *3-Ac deriv.* (VII) of V, m. 73°, and 0.78-0.95 g. initial VI; heating VII with aq. KOH gave V, m. 111°. Similar reaction with the *3-Bz deriv.* (VIII) of VI gave *3-benzoyl-4-hexyl-2-imidazolidone* (IX), m. 116-17°, some V, BzOH, a trace of II, and appreciable amts. of *a nitrogen substance*, m. 220°, contg. *C, H, O, and N*. Alk. hydrolysis of the IX gave unknown neutral products, but acidic hydrolysis gave *1-hexylethylenediamine*, isolated as the *di-HCl salt*, whose *N,N'-dicarbethoxy deriv.*, m. 86°. Urea with $Me(CH_2)_5COCl$ in Et_2O gave 60% *1-enanthylurea*, m. 190-1°. This (8.8 g.) added with cooling at −10° to 2.8 ml. Br in 8.5 g. NaOH and 50 ml. H_2O, stirred 3 hrs., and warmed to 50° (no spontaneous reaction) gave 3.7 g. oil, largely bp 183-5° (30% yield of pure product), identified as *5-hexyl-1,3,4-oxadiazol-2(3H)-one*; some 27% enanthic acid was also isolated.

G. M. Kosolapoff

Sulfonation of aldehydes and ketones. A. P. [illegible] and L. A. Yanovskaya.

RODIONOV, M. (Nal'chik)

Be responsible for production. Sov. profsoiuzy 19 no.18:6-9 S '63. (MIRA 16:12)

RODIONOV, M.; SHVARTS, L.S., prof., red.; NIKITIN , B.A., dots., red.; LUKASHEVICH, V., tekhn. red.

[Emergency aid; a brief manual for the regional physician] Neotlozhnaia pomoshch'; kratkii spravochnik uchastkovogo vracha. Pod red. L.S.Shvartsa, B.A.Nikitina. Izd.2., ispr. i dop. Saratov, Saratovskoe knizhnoe izd-vo, 1963. 458 p. (MIRA 16:9)

(FIRST AID IN ILLNESS AND INJURY--HANDBOOKS, MANUALS, ETC.)

POLYNIN, Vik.; RODIONOV, Mikh.

Work will lead us toward communism. Sov.profsoiuzy 18 no.12: 15-18 Je '62. (MIRA 15:6)
(Efficiency, Industrial)

ZHURAVLEV, Nikolay Antonovich,; RODIONOV, M., red.; SHUVALOV, I., tekhn. red.

[On the front line] Na perednem krae. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1958. 63 p. (MIRA 11:11)

1. Sekretar' Voronezhskogo obkoma Vsesoyuznogo Leninskogo Kommunisticheskogo soyuza molodezhi.
(Voronezh Province--Collective farms)

MAGIDOV, V., red.; RODIONOV, M., red.; KURILKOVA, L., tekhn.red.

[To those who are driving toward the targets of the seven-year plan] Shturmuiushchim rubezhi semiletki. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 156 p.

(MIRA 14:6)

(Russia—Economic policy)

RODIONOV, M.; KOLESNIKOV, I., red.; GRIGOR'YEVA, Ye., tekhn.red.

[Forty-nine days; a collection] 49 dnei; sbornik. Moskva, Izd-vo TsKVLKSM "Molodaia gvardiia," 1960. 250 p.
(MIRA 14:3)
(Survival (after airplane accidents, shipwrecks, etc.))

RODIONOV, M.A. (Leningrad).

Retarded development of the young birds. Priroda 42 no.8:113-114 Ag '53.
(MLRA 6:7)
(Birds)

RODIONOV, M. A.

USSR/ Biology - Ornithology

Card 1/1 : Pub. 86 - 24/38

Authors : Rodionov, M. A. and Nemtsev, V. V.

Title : On the biology of the gray partridge

Periodical : Priroda 43/12, 110-111, Dec 1954

Abstract : A description is given of the habits and numbers of gray partridges to be found in the northeastern part of the Leningrad district and the southern part of the Vologda district from the viewpoint of the game hunter.

Institution : .....

Submitted : .....

USSR/Biology - Ornithology

Card 1/1 : Pub. 86 - 29/35

Authors : Rodionov, M. A.

Title : Migration and nesting of the woodcock

Periodical : Priroda 44/2, 118 - 119, Feb 1955

Abstract : Observations were made over a period of four years (1950 - 1953) of the habits of the woodcock with particular reference to the migratory and nesting habits of this bird.

Institution : .....

Submitted : .....

RODIONOV, M.A.

Specific features of the biology of gallinaceous birds in Leningrad Province. Trudy Probl. i tem. sov. no.9: 250-259 '60. (MIRA 13:9)

1. Obshchestvo sodeystviya okhrane prirody.
(Leningrad Province--Gallinae)

RODIONOV, M. A.

Cand Biol Sci - (diss) "Ecology of fowl (Galliformes) of the Leningrad Oblast'; measures for their conservation and restoration of population numbers." Leningrad, 1961. 20 pp; (Zoology Inst of the Academy of Sciences USSR, Academic Council); 250 copies; price not given; (KL, 5-61 sup, 185)

RODIONOV, M.A.

Reporduction of wild gallinaceous birds and the development of their young. Nauch. dokl. vys. shkoly; biol. nauki no.3:51-56 '61. (MIRA 14:7)

1. Rekomendovana kafedroy zoologii Leningradskogo pedagogicheskogo instituta im. A.I.Gertsena.
(LENINGRAD PROVINCE--GALLINAE)

[illegible], M. P.

Materials on the biology of the capercaillie (Tetrao urogallus L.) in Leningrad Province. Uch. zap. Leb. inst. Gerts. 230:103-137 '63.

Biology of the hazel hen (Tetrastes bonasia L.) of Leningrad Province. Ibid.:139-165

Molting and age-related characteristics of the black grouse (Lyrurus tetrix L.). Ibid.:367-378 (MIRA 18:3)

BORISOV, A.A., doktor geogr. nauk, prof.; ZNAMENSKAYA, O.M., kand. geogr. nauk; BLAGOVIDOV, N.L., kand. sel'khoz. nauk; MINYAYEV, N.A., kand. biol. nauk; SHUL'TS, G.E., kand. biol. nauk; RODIONOV, M.A., kand. biol. nauk; MAL'CHEVSKIY, A.S., prof., doktor biol. nauk; TOMSON, N., doktor med. nauk, prof., akademik; VERESHCHAGIN, N.K., doktor biol. nauk; NEYELOV, A.V., aspirant; TYUL'PANOV, N.M., inzh. lesnogo khoz.; KUROVSKIY, G.I., inzh.-parkostroitel'; SOKOLOV, M.P., arkhitektor; SOKOLOV, S.Ya., doktor biol. nauk, prof., nauchn. red.; MAL'CHIKOVA, V.K., red.

[Nature of Leningrad and environs] Priroda Leningrada i okrestnostei. Leningrad, Lenizdat, 1964. 249 p. (MIRA 17:7)

1. Akademiya nauk Estonskoy SSR (for Tomson). 2. Zoologicheskiy institut AN SSSR (for Neyelov).

RODIONOV, M.A.

Unusual natural phenomena during the winter of 1960-1961. (MIRA 16:12)
Mat. po fen. no.2:10-16 '61.

RODIONOV, M.A.

Ecology of the tetraonid birds of the northwestern part of the European U.S.S.R. in connection with the seasonal life of the forest. Geog. sbor. no.16:179-185 '63. (MIRA 16:6)
(Russia, Northwestern--Grouse)
(Russia, Northwestern--Forest ecology)

RODIONOV, M.F. redaktor; CHERNOTSKIY, P.V., tekhnicheskiy redaktor.

[The Party's work envoys; work practices of collective farm chairmen belonging to the Thirty Thousand] Poslantsy partii za rabotoi; iz opyta raboty predsedatelei kolkhozov Tridtsatitysiachnikov. Saratov, Izd-vo "Kommunist" 1955. 106 p. [Microfilm] (MLRA 10:5)
(Collective farms)

RODIONOV, M.K.
(Mikhail Konstantinovich)

"Innervation of the Extrarenal Bile Ducts," Dissertation) Academic degree of Doctor in Medical Sciences, based on his defense, 29 December 1953, in the Council of the Medicobiological Department, Acad Med Sci USSR,

Stalingrad State Medical Inst.

[redacted] [illegible]

RODIONOV, M.K.

2123. Intramural cholecystic nervous apparatus. M. K. Radionov *Khirurgija*, 1955, No. 5, 31—37; *Referat. ZA. Biol.*, 1956, Abstr. No. 50243.—The cholecystic nervous apparatus in chronic calculous cholecystitis in man (17 cases) was studied by the silver method. The afferent innervation of the gall bladder of dogs and cats was observed 24—72 hours after ambilateral removal of the V-XII thoracic intervertebral ganglia. The biliary passages show particularly abundant innervation at 2 points—the cervix of the gall bladder and the distal part of the common bile duct, hidden behind the wall of the duodenum. In the ganglia of the subserous tissue of the gall gladder cervix are found neurones of both Dogiel types, in the ganglia of the distal part of the common bile duct only cells of type I, as a rule. The presence of type I cells points to the possibility of a certain vegetativeness. The receptors are globular or tuftlike. In chronic cholecystitis the neurolibrils in the perikaryon of cholecystic neurones and in nerve fibres degenerate. Ramifications of nerve cells and Schwann fibres were not observed. In suppurative-haemorrhagic cholecystitis nerve cells were not observed and nerve fibres were degenerating. This degeneration with very slight changes in other tissue seems to indicate a primary lesion of the vegetative nervous system causing stasis of the bile and the venous circulation in the wall of the gall-bladder. (Russian) O. S. WHITSTON

1

Clin Topographic Anatomy & Operative Surgery, Stalingrad Med. Inst

ALESHIN, Ye.P., kand. biol. nauk; YARKIN, S.A.; SEMENENKO, A.N.; KIRICHENKO, K.S., kand. sel'khoz. nauk; CHUMIKOV, I.I.; SAPELKIN, V.K.; RODIONOV, M.S.; RADIN, Yu.P.; FEDOROVA, Yu.A., red.; SAYTANIDI, L.D., tekhn. red.

[Growing rice on irrigated lands] Vozdelyvanie risa na oroshaemykh zemliakh. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1963. 101 p. (MIRA 16:12)
(Rice)

USSR / Forestry. Forest Cultures K-5

Abs Jour: Ref Zhur-Biol., No 10, 1958, 43972

Author : Rodionov, M. S.

Inst : All-Union Scientific Research Institute of Agriculture and Forest Melioration

Title : The Irrigation System for the Young Field-Protecting Forest Strips on Brown Soils

Orig Pub: V sb.: Kratkiye itogi nauchno-issled. raboty (Kubansk. ris. opytn. st.) za 1955 g. Krasnodar, "Sov. Kuban'," 1957, 55-81

Abstract: The studies were conducted at the Bogdin experimental station of the All-Union Scientific Research Institute of Agriculture and Forest Melioration (1953-1954) on the experimental plot of cotton-

Card 1/2

RODIONOV, M. S.

30-58-4-35/44

AUTHOR: None Given

TITLE: Dissertations (Dissertatsii)
Department of Biological Sciences
(Otdeleniye biologicheskikh nauk)
July - December 1957 (Iyul'-Dekabr' 1957g.)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 4, pp 120 - 122 (USSR)

ABSTRACT: d) for the degree of Candidate of Agricultural Sciences:
V. N. Nikonchuk - The Seed Bearing of the Larches Sukachev and of the European Larches in the Culture (Semenosheniye listvennits Sukacheva i Yevropeyskoy v kul'ture)
M. S. Rodionov - Experiments of Irrigation of Field Protecting Lands and Their Transpiration Under the Conditions of Grey - Brown Soils of the Semi-Desert of Astrakhan'. (Opyt orosheniya polezashchitnykh polos i ikh transpiratsiya v usloviyakh burykh pochv Astrakhanskoy polupustyni).
6) The following dissertations were defended at the Institute of Microbiology (Institut mikrobiologii).

Card 1/5

30-58-4-35/44

Dissertations. Department of Biological Sciences. July-December 1957

a) For the degree of Doctor of Biological Sciences:
Ya. I. Rautenshteyn-Actinophagy (aktinofagiya)

b) For the degree of Candidate of Biological Sciences:
M. V. Ivanov - The Role of Microorganisms in the Formation and Destruction of Deposits of Natural Sulfur (Rol' mikroorganizmov v obrazovanii i razrushenii mestorozhdeniy samorodnoy sery).
V. A. Mirzoyeva - Bacteria of the Bac. Group, subtilus-Bac. mesentericus/Systematics, Ecology, and Practical Importance/. (Bakterii gruppy Bac. subtilus-Bac. mesentericus/Sistematika, ekologiya i prakticheskoye znacheniye/).
I. M. Nadirova - Functional Morphology of the Yeast Organism in Drying and Low Cooling/ On the Problem of the Anabiotic Cellular State. (Funktsional'naya morfologiya drozhzhevykh organizmov pri vysushivanii i glubokom okhlazhdenii. / K probleme anabioticheskogo sostoyaniya kletki/).
N. N. Nikitina - Actinomycetes of the Globisporine Group (Aktinomitsety globisporinovoy gruppy).
L. S. Smirnova - Influence of the Composition of the medium

Card 2/5

Dissertations. Department of Biological Sciences. July - December 1957.

on the Formation of the Amylase Aspergillus oryzae (Vliyaniye sostava sredy na obrazovanie amilazy Aspergillus oryzae).

7) At the Institute of Animal Morphology imeni A. N. Severtsov (Institut morfologii zhivotnykh imeni A. N. Severtsova) the following dissertations were defended:

a) For the degree of Doctor of Biological Sciences: N. N. Bodrova - Comparative Data on the Innervation of the Cronary System of the Lancelets, Amphibia, and Reptiles (Sravnitel'nyye dannyye po innervatsii serdechno-sosudistoy sistemy lantsetnika, ryb, amfibiy i reptiliy).

b) for the Degree of Candidate of Biological Sciences: N. P. Dmitriyeva - Influence of High Intensity Ultra Sound on the Growing and the Metastase of the Interwined Broun-Pirs Tumor in Rabbits.(Vliyaniye ul'trazvuka bol'shoy intensivnosti na rost i metastazirovaniye perevivnoy opukholi Broun-Pirs u krolikov).

30-58-4-35/44

Dissertations. Department of Biological Sciences. July - December 1957

8) At the Institute of Physiology imeni I. P. Pavlov (Institut fiziologii imeni I. P. Pavlova) the following dissertations were defended:

a) for the degree of Doctor of Biological Sciences:
V. A. Troshikhin - Development of the Conditioned Activity of the Reflector in the Early Postnatal Period in Dogs (Razvitiye uslovnoreflektornoy deyatel'nosti v rannem postnatal'nom periode u sobaki).
P. D. Kharchenko - Delayed Conditioned Reflexes /Analysis of Retardation/. (Zapazdyvayushchiye uslovnyye refleksy / Analiz zapazdyvatel'skogo tormozheniya /).

b) for the degree of Doctor of Medical Sciences:
N. N. Pronina - On the Problem of the Control Mechanism of the Water Metabolism. (K voprosu o mekhanizme regulatsii vodnogo obmena).

c) for the degree of Candidate of Medical Sciences:
S. Fayziyev -Unconditioned and Naturally Conditioned Nutritive Sputüm Reflex in Sheep of the Romanov- and

Card 4/5

30 - 58-4-35/44

Dissertations. Department of Biological Sciences. July - December 1957

Karakul Breed. (Bezuslovnyye i natural'nyye uslovnyye slyunnyye pishchevyye refleksy u ovets romanovskoy i karakul'skoy porod).
L. A. Chudnovskiy - On the Trophic Innervation of the Ovaries and the Uterus of the Rabbit.(O troficheskoy innervatsii yaichnikov i matki krolika).

1. Biology—Bibliography 2. Bibliography—Biology

Card 5/5

RODIONOV, M.S.

Estimating the amount of foliage in forest shelterbelts. Bot. zhur. 44 no.3:333-337 Mr '59. (MIRA 12:7)

1.Kubanskaya risovaya opytnaya stantsiya, g. Krasnodar.
(Leaves) (Windbreaks, shelterbelts, etc.)

RODIONOV M.S.

USSR/Physiology of Plants. Water Regimen I-3

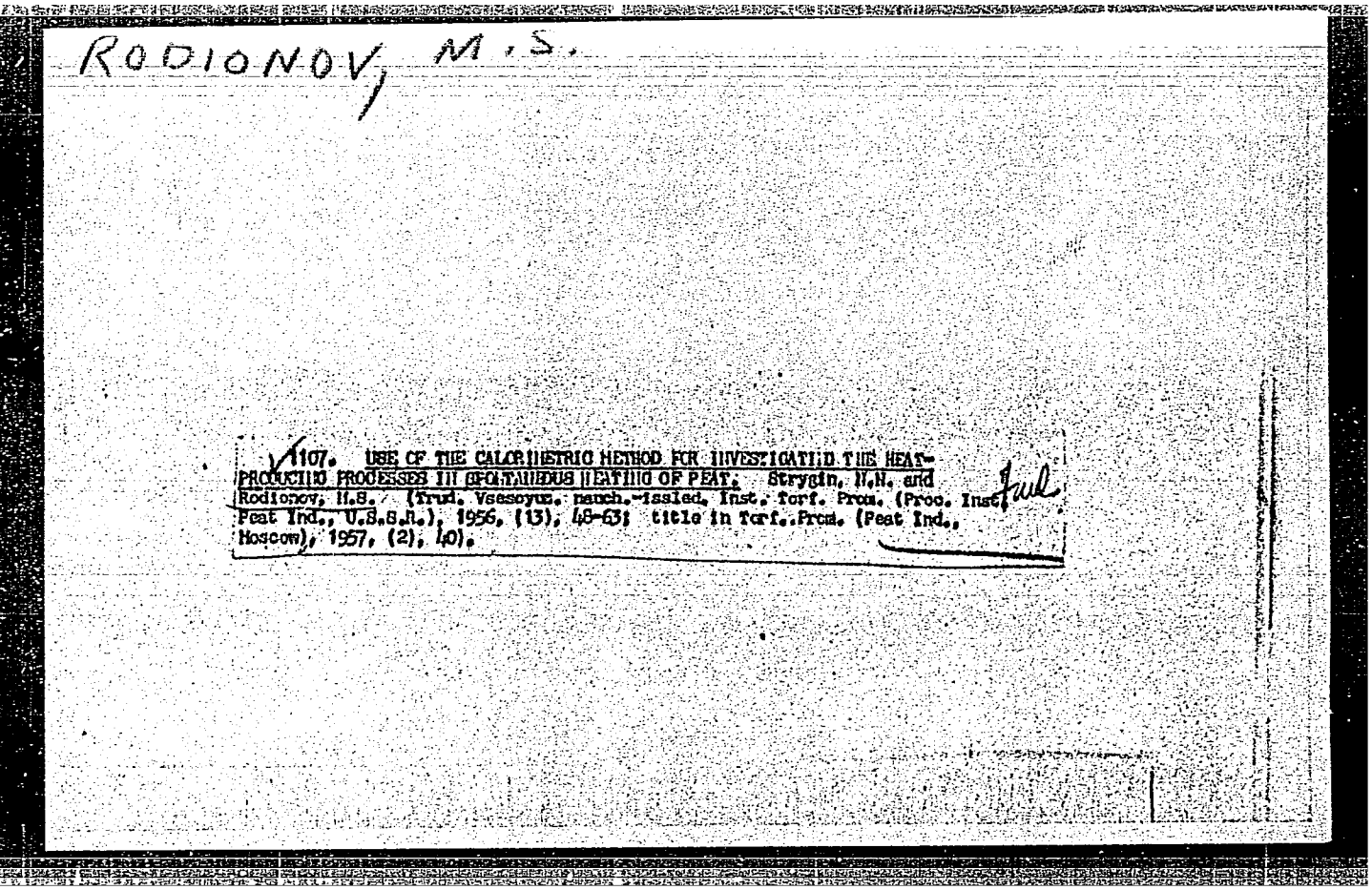
Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 5670

Author : M. S. Rodionov
Inst : Not given
Title : On the Application of Paraffin inthe L. A. Ivanov Method

Orig Pub : Fiziol. rasteniy, 1957, 4, No 1, 106-109

Abstract : It was found in a number of trees (oak, elm, apple, poplar) that there was no necessity for the use of paraffin in the cutting of shoots to determine the intensity of transpiration by the L. A. Ivanov method. Twenty observations had to be conducted in order to obtain an average with relative error of ± 10%.

Card 1/1



RODIONOV, M.S.

1107. USE OF THE CALORIMETRIC METHOD FOR INVESTIGATING THE HEAT-PRODUCING PROCESSES IN GEOTHERMOUS HEATING OF PEAT. Strygin, N.N. and Rodionov, M.S. (Trud. Vsesoyuz. nauch.-issled. Inst. torf. Prom. (Proc. Inst. Peat Ind., U.S.S.R.), 1956, (13), 48-63; title in Torf.-Prom. (Peat Ind., Moscow), 1957, (2), 40).

RADIONOV, M.S.

RADIONOV, M.S.

Using paraffin in L.A. Ivanov's method [with summary in English]. Fiziol.rast. 4 no.1:106-109 Ja-F '57. (MLRA 10:5)

1. Vsesoyuznaya risovaya opytnaya stantsiya, Krasnodar.
(Paraffins) (Plants--Transpiration)
(Botanical research)

[illegible], M. S.

[illegible]GOV, M. S.: "An experiment in irrigating the forest-protective strips and their transpiration under the conditions of the brown soils of the Astrakhan' arid region." Published by "Sov. Kuban'". Inst of Forestry, Acad Sci USSR. Krasnodar, 1956. (Dissertation for the Degree of Candidate in Agricultural Sciences).

SO: Knizhnaya letopis', No 23, 1956

RODICNOV, M.S.

Methods for determining the amount of foliage in young shelterbelts.
Bot.zhur.41 no.4:532-534 Ap '56. (MLRA 9:9)
(Leaves) (Trees)

DZHULAY, A.P., kand. sel'skokhozyaystvennykh nauk; RODIONOV, M.S., kand. sel'skokhozyaystvennykh nauk

Organizing the harvesting of rice. Zemledelie 8 no.6:46-48 Je'60. (MIRA 13:10)

1. Kubanskaya risovaya opytnaya stantsiya.
(Rice--Harvesting)

RODIONOV, N.

For the next war. Voen. znan. 40 no.8:47 Ag '64. (MIRA 17:11)

USSR/Physical Chemistry - Solutions. B-11
Theory of Acids and Bases

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3921

Author : Voznesenskiy S.A., Rodionov N.A.
Title : Preparation and Properties of Concentrated Solutions of Diammin-Cuproacete, Diammin-Cuproformate and Cuproglycolate.

Orig Pub : Zh. neorgan. khimii, 1956, 1, No 1, 78-81. Correction. No 12, 2874.

Abstract : Determination of optimal conditions of preparation of highly concentrated solutions of diammin-cuproacetate and diammin-cuproformate. Fifty solutions of diammin-cuproacetate were prepared, the highest concentration being of 3.5 g-ion/liter Cu^{+}. Experiments with the use of iron and steel vessels yielded the same result as that obtained in glass vessels. In all the solutions a determination was made of specific gravity, viscosity,

Card 1/2 - 174 -

ALMAZOV, A.M., doktor geogr. nauk; BONDAR, K.; VAGIN, N.F.; GEDERIM, V.; D'YAKONU, K.[Diaconu,C.]; MITSE,P.[Mitã,P.]; STENESKU,V.[Stanescu,V.]; STENESKU, S.[Stanescu,S.]; MAYSTRENKO, Yu.G.; MIKHAYLOV, V.N., kand. geogr. nauk; NIKIFOROV, Ya.D., kand.tekhn. nauk; RAY, I.A.; RODIONOV, N.A.; MINENKO, V.M., red.; ZARKH, I.M., tekhn. red.

[Hydrology of the region of the Danube estuary] Gidrologiia ust'evoi oblasti Dunaia. [By] A.M.Almazov i dr. Moskva, Gidrometeoizdat (otdelenie), 1963. 382 p. (MIRA 17:1)

1. Gosudarstvennyy okeanograficheskiy institut Glavnogo upravleniya gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR (for Mikhaylov, Nikiforov, Rodionov).
2. Dunayskaya gidrometeorologicheskaya observatoriya Upravleniya gidrometeorologicheskoy sluzhby Ukr.SSR (for Vagin, Ray).
3. Institut gidrobiologii AN Ukr.SSR (for Almazov, Maystrenko).
4. Nauchno-issledovatel'skiy institut gidrotekhniki Komiteta vodnogo khozyaystva Rumynskoy Narodnoy Respubliki (for Bondar, Gederim, D'yakonu, Mitse,, Stenesku, V., Stenesku, S.).

RODIONOV, N.A.

Organization and methodology of expeditionary hydrological work in the offing. Meteor. i gidrol. no.6:47-50 Je '63. (MIRA 16:6)

1. Gosudarstvennyy okeanograficheskiy institut.
(Hydrology)

3(4) PHASE I BOOK EXPLOITATION SOV/1678

Rodionov, Nikolay Aleksandrovich

Gidrologiya ust'yevoy oblasti Dona (Hydrology of the Region Around the Mouth of the Don River) Moscow, Gidrometeoizdat (otd-nie), 1958. 94 p. 800 copies printed.

Sponsoring Agencies: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby, and Moscow. Gosudarstvennyy okeanograficheskiy institut

Ed. (Title page): Ya. D. Nikiforov; Ed. (Inside book): M.I. Sorokina; Tech. Ed.: I.M. Zarkh

PURPOSE: This book is intended for hydrologists specializing in the study of estuaries and engineers engaged in the design and construction of hydraulic projects in these areas.

COVERAGE: This study was prepared at the Laboratoriya morskikh ust'yev rek GOIN (State Oceanographic Institute's Laboratory for the Study

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of Estuaries) and is based on material made available by various government agencies and the results of field studies undertaken by the author. The basic features of the hydrological conditions in the Don estuary and changes which have occured in these conditions between 1952 and 1956 are described. The water level regime, the distribution of discharge in the main branches of the delta, flow conditions, processes occuring in the river bed under natural and controlled conditions, and other factors are described. The author thanks Professor I.V. Samoylov, Doctor of Geographical Sciences, and S.S. Baydin and A.A. Aksenov, Candidates of Geographical Sciences, for their help in writing the work. He further thanks A.D. Perlovskaya, Candidate of Technical Sciences, for editing the work. A. Yushak, Director of the Institute, wrote the Foreword. There are 27 diagrams, 44 tables, and 89 Soviet references.

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AVAILABLE: Library of Congress (GB1308.D65R6)

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5-21-59

Card 4/4

RODIONOV, Nikolay Aleksandrovich; NIKIFOROV, Ya.D., red.; SOROKINA, M.I., red.; ZAKKH, I.M. tekhn. red.

[Hydrology of the region around the mouth of the Don River] Gidrologiia ust'evoi oblasti Dona. Pod red. IA D. Nikiforova. Moskva, Gidrometeor. izd-vo, 1958. 94 p. (MIRA 11:9)
(Don River—Hydrology)

VOZNESENSKIY, S.A.; RODIONOV, N.A.

Preparation and properties of concentrated solutions of diamine cuproacetate, diamine cuproformate, and cuproglycocholate. Zhur. neorg. khim. 1 no.1:76-81 '56. (MLRA 9:10)

1.Ural'skiy politekhnicheskiy institut imeni S.M.Kirova, Sverdlovsk.
(Copper organic compounds)

SHESTAKOV, M.M., inzh.; MIKHAYLOV, V.A., kand. tekhn. nauk; LOBODA, A.I., inzh.; RODIONOV, N.F., inzh.

Construction and operation of automobile roads in Krivoy Rog Basin open-cut mines. Met. i gornorud. prom. no.5: 61-64 S-O '63. (MIRA 16:11)

1. TSentral'nyy gornoobogatitel'nyy kombinat, Krivoy Rog (for Shestakov). 2. Krivorozhskiy filial Instituta gornogo dela AN UkrSSR (for Mikhaylov, Loboda, Rodionov).

MIKHAYLOV, V.A., kand.tekhn.nauk; CHERKONOS, A.I., gornyy inzh.;
RODIONOV, N.F., gornyy inzh.

Mechanized cleaning of dump truck baskets in mines. Gor.zhur. no.4:75 Ap '64. (MIRA 17:4)

1. Krivorozhskiy filial Instituta gornogo dela imeni Fedorova, Krivoy Rog.

RODIONOV, N.F.; LOBODA, A.I.

Study of dust in the air during the operation of excavators.
Sbor.nauch.trud.Kriv.fil.IGD AN URSR no.1:171-175 '62.
(MIRA 16:4)

(Mine dusts) (Excavating machinery)

L 34060-66 EWT(m)/T LIP(c)

ACC NR: AR6017197 SOURCE CODE: UR/0058/65/000/012/A032/A032

AUTHOR: Blyumkina, Yu. A.; Kamayev, L. A.; Rodionov, N. I. 19 62-B

TITLE: Multichannel device for registration of pulses from several detectors of nuclear radiation

SOURCE: Ref. zh. Fizika, Abs. 12A314

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 2. M., Atomizdat, 1965, 68-74

TOPIC TAGS: multichannel analyzer, pulse counting, digital decoder, radiation detector, nuclear radiation, pulse shaping, computer coding, circuit delay line/ LZT circuit delay line

ABSTRACT: Apparatus is described intended for simultaneous registration of pulses from several detectors of nuclear radiation. In this apparatus, pulses received from different detectors are coded with the aid of a delay line of the LZT type. The coded pulses from different channels are then amplified and discriminated by a single device which is common to the entire apparatus. This greatly reduces the number of necessary blocks of apparatus, and makes it possible to get along with a pair of connecting leads and cables. Naturally, this improves appreciably the relative accuracy of the measurements. The shaped pulses from the different channels are then decoded with the aid of similar delay lines and are registered by a multichannel counting device. The dead time of the entire apparatus relative to the common input is equal

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L 34060-66

ACC NR: AR6017197

to the number of pickups plus ~1 μsec. The schematic diagrams of individual units of the installation are presented and their interaction during the course of pulse registration is described in detail. L. S. [Translation of abstract]

SUB CODE: 20, 09

Card 2/2

BLYUMKINA, Yu.A.; KAMAYEVA, L.A.; RODIONOV, N.I.

Multiple-wave device for recording pulses from several nuclear radiation detectors. Prib. i tekh. eksp. 9 no.4:122-125 Jl-Ag '64. (MIRA 17:12)

L 20226-65 EWT(m)/EWA(h) SSD/AFWL/ASD(a)-5/ESD(gs)/ESD(t)
ACCESSION NR: AP4044681 S/0120/64/000/004/0122/0125

AUTHOR: Blyumkina, Yu. A.; Kamayeva, L. A.; Rodionov, N. I.

TITLE: Multichannel outfit for recording pulses from several nuclear-radiation detectors

SOURCE: Pribory* i tekhnika eksperimenta, no. 4, 1964, 122-125

TOPIC TAGS: radiation detector, radiation detection, nuclear radiation

ABSTRACT: An outfit is based on the encoding of pulses coming from various detectors by a special delay line. The encoded pulses are amplified and discriminated in a single device which cuts down the amount of equipment usually necessary in such systems and enhances the accuracy of measurement. The shaped pulses are decoded by a similar delay line and recorded in a multichannel counting device (see Enclosure 1). Unlike O. M. Bilaniuk's, et al., scheme (Nucl. Instrum. and Methods, 1961, 14, 63) which uses an encoding delay line

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L 20226-65
ACCESSION NR: AP4044681

3

with good h-f characteristics, the present scheme uses LZT lines and only one-half of the equipment between encoding and decoding units. The statistical error of the outfit is 1%. "The authors are grateful to G. N. Smirenkin and V. G. Nesterov for their fruitful cooperation and discussions in the course of the work, and are also thankful to V. V. Yermakov for his help in designing and building the outfit." Orig. art. has: 3 figures.

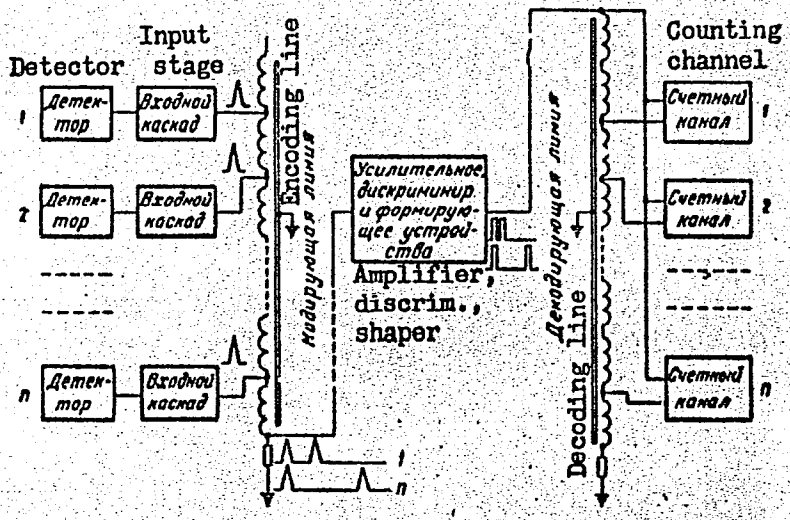
ASSOCIATION: none

SUBMITTED: 23Jul63 ENCL: 01

SUB CODE: NP NO REF SOV: 001 OTHER: 003

Card 2/3

L 20226-65



Multichannel outfit for recording pulses from several detectors

Card 3/3

SHELENGOVSKIY, A.I., inzh.; RODIONOV, N.M., inzh.

Vibration shears. Mashinostroitel' no.12:41 D '58. (MIRA 11:12)
(Shears (Machine tools))

SOV/117-58-12-32/36

AUTHORS: Shelengovskiy, A.I. and Rodionov, N.M., Engineers

TITLE: Vibration Shears (Vibratsionnyye nozhnitsy)

PERIODICAL: Mashinostroitel', 1958, Nr 12, p 41 (USSR)

ABSTRACT: Vibration shears for cutting 3 mm thick stainless steel and 4 mm thick "20" grade steel sheets are here described. The cutting can be done in straight or curved lines. The shears can be fitted on a special support or on a bench. There is 1 diagram.

Card 1/1

RODIONOV, N.N.

[In the land of the Incas; travel sketches] V strane inkov; putevye ocherki. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1963. 69 p. (MIRA 17:9)

RODIONOV, N.S., kand.tekhn.nauk

Some results of the investigation of the mining characteristics of rocks in the Maslyanskoye Mine. Nauch. soob. IGD 21:102-110 '63. (MIRA 17:2)

RODIONOV, N.S.

Determining the impact action in the percussion-rotary drilling. Izv.vys.ucheb.zav.; geol.i razv. 5 no.9:132-137 S '62. (MIRA 16:1)

1. Institut gornogo dela im. A.A.Skachinskogo AN SSSR. (Boring)

RODIONOV, N.S., kand.tekhn.nauk; KUZNETSOV, A.V., inzh.

New design of a punch for estimating the hardness of rocks and minerals. Nauch. soob. IGD 17:129-130 '62. (MIRA 16:7)
(Rocks--Testing) (Minerals--Testing)

VERCHEBA, A.O.; BAGDASAROV, Shq.B.; BORISOV, A.N.; KULICHIKHIN, N.I., zasl. deyatel' nauki i tekhniki RSFSR, prof.; MUZYCHENKO, A.S., inzh.; RODIONOV, L.S.

[Handbook for mine foremen of prospecting parties] Spravochnik gornogo mastera geologorazvedochnykh partii. [By] A.O.Vereb[illegible]. Moskva, Izd-vo "Nedra," 1964. 443 p. (MIRA 17:7)

VESELOV, G.M.; KONYASHIN, Yu.G.; RODIONOV, N.S.

Method of measuring the volume of a cut-hole in single strike rock breaking. Fiz. mekh. svois., dav. i razr. gor. porod. no.2:107-108 '63. (MIRA 17:1)

RODIONOV, N.S.

Results of studying dynamic rock breaking processes. Fiz. mekh. svois., dav. i razr. gor. porod. no.2:97-102 '63. (MIRA 17:1)

RODIONOV, N.S.; KATIN, K.P.

Using blastholes of various diameter in workings of small cross sections. Izv. vys. ucheb. zav.; geol. i razv. 7 no.7:119-121 Jl '64 (MIRA 18:2)

1. Institut gornogo dela AN SSSR im. Skochinskogo i Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov, Ust'-Kamenogorsk.

POPOV, I.N.; RODINOV, N.S.

Using high-speed percussion drills horizontal test hole boring
Razved. i okh. nedr 26 no.2:29-32 Feb. '60 (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Popov). 2. TSentral'noye konstruktorskoye byuro (for Rodionov).

(Boring machinery)

RODIONOV, N.S.

Determination of the duration of blast-drilling operations during their normalization. Izv. vys. ucheb. zav.; geol. i razv. 6 no.5:146-148 My '65. (MIRA 18:10)

1. Institut gornogo dela imeni Skochinskogo.

RODINOV, N.S.; DOLGOV, V.L.

Conference for coordinating the methods of determining the resistance of coals and rocks. Izv. vys. ucheb. zav.; geol. i razv. 4 no.4:133-135 Ap '61. (MIRA 14:6)
(Coal--Testing) (Rocks--Testing)

KULICHIKHIN, N.I.; RODIONOV, N.S.

Geometric parameters of the surface failures of rocks in drilling. Izv. vys. ucheb. zav.; geol. i razv. 4 no.1:117-124 Ja '61. (MIRA 14:7)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze i Institut gornogo dela AN SSSR.
(Boring)

RODIONOV, N.S.

Relation between the pressure intensity and the slim hole drilling rate. Izv. vys. ucheb. zav.; geol. i razv. 3 no.6: 102-104 Je '60. (MIRA 14:7)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze. (Boring)

KULICHIKHIN, N.I.; BRONNIKOV, D.M.; RODIONOV, N.S.; KRASAVIN, G.A.

Using high-speed motion picture photography in studying the impact action on rocks. Izv. vys. ucheb. zav.; geol. i razv. 4 no.4:128-129 Ap '61. (MIRA 14:6)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.
(Rock drills)
(Motion picture in mining)

RODIONOV, N.S., inzh.; SHMUKLER, M.M.; TSVYLEV, I.S.

For a better utilization of the production capacities of peat briquet plant. Torf.prom. 27 no.6:16-19 '60. (MIRA 13:9)

1. Gipromestprom Gosplana RSFSR.
(Peat industry)

RODIONOV, N.S.

Results of experimental shot hole drilling with small-diameter crowns. Razved. i okh. nedr 23 no.9:22-25 S '58. (MIRA 11:12)

1.Moskovskiy geologo-razvedochnyy institut im. S. Ordzhonikidze.
(Boring machinery)

BARON, L.I., prof., doktor tekhn.nauk; RODIONOV, N.S., kand.tekhn.nauk; PUSTOVALOV, A.I.,; BEKTYBAYEV, A.D., gornyy inzh.

Determination of engineering characteristics of ores and rocks at the 22nd Congress of the C.P.S.U. Mine. Gor.zhur. no.4:39-41 Ap '64. (MIRA 17:4)

1. Institut gornogo dela imeni A.A.Skochinskogo (for Baron, Rodionov). 2. Glavnyy inzhener rudnika imeni XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza (for Pustovalov). 3. Altayskiy gornometallurgicheskiy nauchno-issledovatel'skiy institut AN Kazakhskoy SSR, Ust'-Kamenogorsk (for Bektybayev).

RODIONOV, N.S.

Studying drilling rates when using small-diameter bits. Trudy MGRI 32:22-27 '58. (MIRA 12:10)
(Boring)

RODIONOV, N.S.

Granulometric composition of desintegrated rocks in blasting a set of small-diameter holes on the bottom of a horizontol hole. Izv. vys. ucheb. zav.; geol. i razv. 2 no.1:111-115 Ja '59. (MIRA 12:10)

1.Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze. (Blasting)