"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

1. KRASHENINNIKOV, G. F.

2. USSR (600)

4. Ural Mountains - Coal

7. Regularities of arrangement changes of the Triasic-Jurassic coal-bearing strata of the eastern slope of the Urals as a factor of their evaluation. (Abstract.) Izv.Glav.upr.geol.fon. no. 2, 1947

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

The problem of cycles in coal-bearing strata. Trudy Inst.geol.nauk, no.90:21-27 '47. (MLRA 9:11)

(Coal geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Coal deposits of the interior zone of the Ural geosyncline. Trudy Inst.geol.nauk. no.90:76-87 '47. (MLRA 9:11)
(Ural Mountains--Coal geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G. F.

PA 156T76

USSR/Minerals - Coal Jan/Feb 50
Mineral Deposits

"Some Characteristic Features in the Distribution of Coal Fields From the Regions Most Studied in the USSR," G. F. Krasheninnikov, 12 pp

"Iz Ak Nauk SSSR, Ser Geol" No 1

Discusses relation of coal fields to definite tectonics: largest coal fields developed in boundary and internal flexures of geosynclines; the next largest, in internal and boundary "syneclises" of platforms; next, in boundary and stabilized internal parts of geosynclinal

156T76

USSR/Minerals - Coal (Contd) Jan/Feb 50

regions; and finally, the least favorable setting for coal deposits, in internal highly mobile parts of geosynclinal regions. Paleogeographic background also strongly influenced formation of coal deposits.

156T76

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, G. F.

180T57

USSR/Geology - Lithology Mar/Apr 51

"Methods of Establishment of Lithological Theories," G. F. Krashennikov

"Iz Ak Nauk, Ser Geol" No 2, pp 68-82

Discusses contemporary state of subject and concludes that lithol theory is not yet established, although Soviet scientists point out the right way. Author investigates various conditions necessary to attain successful theory.

LC

180T57.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, G. F.

180T58

USSR/Geology - Sedimentary Rocks Mar/Apr 51

"Problem of Formation Laws of Sedimentary Rocks," G. F. Krashennikov

"Iz Ak Nauk, Ser Geol" No 2, pp 83-94

Discusses formation of deposits, concepts of "sedimentary differentiation" and "periodicity law of deposit accumulation" by L. V. Pustovalov, taking into consideration irreversible process of terrestrial development. Includes brief evaluation of works of N. M. Strakhov by author and Pustovalov.

LC

180T58

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

1. KRASHENINNIKOV, G. F.

2. USSR (600)

4. Coal

7. Paragenetic associations of coal-bearing formations.
Biul. MOIP. Otd. geol. 27 no. 4, 1952

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G. F.

Dissertation: "Conditions of Accumulation of Coal-Bearing Formations in the USSR." Dr Geol-Min Sci, Moscow Order of Lenin State U imeni M. V. Lomonosov, 28 May 54. Vechernyaya Moskva, Moscow, 20 May 54.

SO: SUM 284, 26 Nov 1954

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G. F.

"Geochemical, Tectonic, Terrigenno-mineralogical and Other Phases."

A paper presented on 8 April 1955, The Activity of the Moscow Society of Naturalists, Byulleten' Moskovskogo Obshchestva Ispytateley Prirody Vol LX.

No 6, Moscow, Nov-Dec 1955, pp 80-90, Geology Section
Source: U-9235, 29 Nov 1956

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, G.F.

Genetic relations of coal-bearing formations. Trudy Lab.geol.ugl. no.5:35-48 '56. (MLRA 9:8)

1. Moskovskiy gosudarstvennyy universitet.
(Coal geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

USSR/ Minerals - Book review

Card 1/1 Pub. 124 - 26/28

Authors : Krasheninnikov, G. F., and Putintsev, V. A.

Title : Critique and bibliography

Periodical : Vest. AN SSSR 26/1, 108-117, Jan 1956

Abstract : Critical review is presented of several new books written by Soviet lithologists (study of rocks) and on new literary publications by Gertsen and Ogarev.

Institution : .....

Submitted : .....

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.P.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

Krasheninnikov, Grigoriy Fedorovich

KRASHENINNIKOV, Grigoriy Fedorovich; MURATOV, M.V., prof., red.; PERMYAKOVA, A.I., red.; MEZ'YER, V.V., tekhn.red.

[Conditions associated with coalbearing formations in the U.S.S.R.] Usloviia nakopleniia uglenosnykh formatsii SSSR. [Moskva] Izd-vo Mosk.univ.; 1957. 291 p. [With summary in English] (MIRA 11:1)
(Coal geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

ABRAMOV, S.K., kand.tekhn.nauk; AVERSHIN, S.G., prof., doktor tekhn.nauk; AMMOSOV, I.I., doktor geol.-min.nauk; ANDRIYEVSKIY, V.D., inzh.; ANTROPOV, A.N., inzh.; AFANAS'YEV, B.L., inzh.; BERGMAN, Ya.V., inzh.; BLOKHA, Ye.Ye., inzh.; BOGACHEVA, Ye.N., inzh.; BUKRINSKIY, V.A., kand.tekhn.nauk; VASIL'YEV, P.V., doktor geol.-min.nauk; VINOGRADOV, B.G., inzh.; GOLUBEV, S.A., inzh.; GORDIYENKO, P.D., inzh.; GUSEV, N.A., kand.tekhn.nauk; DOROKHIN, I.V., kand.geol.-min.nauk; KALMYKOV, G.S., inzh.; KASATOCHKIN, V.I., doktor khim.nauk; KOROLEV, I.V., inzh.; KOSTLIVTSEV, A.A., inzh.; KRATKOVSKIY, L.F., inzh.; KRASHENINNIKOV, G.F., prof. doktor geol.-min.nauk; KRIKUNOV, L.A., inzh.; LEVIT, D.Ye., inzh.; LISITSA, I.G., kand.tekhn.nauk; LUSHNIKOV, V.A., inzh.; MATVEYEV, A.K., dots., kand.geol.-min.nauk; MEPURISHVILI, G.Ye., inzh.; MIRONOV, K.V., inzh.; MOLCHANOV, I.I., inzh.; NAUMOVA, S.N., starshiy nauchnyy sotrudnik; NEKIPELOV, V.Ye., inzh., PAVLOV, F.F., doktor tekhn.nauk; PANYUKOV, P.N., doktor geol.-min.nauk; POPOV, V.S., inzh.; PYATLIN, M.P., kand.tekhn. nauk; RASHKOVSKIY, Ya.E., inzh.; ROMANOV, V.A., prof., doktor tekhn. nauk; RYZHOV, P.A., prof., doktor tekhn.nauk; SELYATITSKIY, G.A., inzh.; SPERANSKIY, M.A., inzh.; TERENT'YEV, Ye.V., inzh.; TITOV, N.G., doktor khim.nauk; GOKAREV, I.F., inzh.; TROYANSKIY, S.V., prof., doktor geol.-min.nauk; FEDOROV, B.D., dots., kand.tekhn.nauk; FEDOROV, V.S., inzh. [deceased]; KHOMENTOVSKIY, A.S., prof., doktor geol.-min.nauk; TROYANOVSKIY, S.V., otvetstvennyy red.; TERPIGOREV, A.M., red.; KRIKUNOV, L.A., red.; KUZNETSOV, I.A., red.; MIRONOV, K.V., red.; AVERSHIN, S.G., red.; BURTSEV, M.P., red.; VASIL'YEV, P.V., red.; MOLCHANOV, I.I., red.; RYZHOV, P.A., red.; BALANDIN, V.V., inzh., red.; BLOKH, I.M., kand. tekhn.nauk, red.; BUKRINSKIY, V.A., kand.tekhn.nauk, red.; VOLKOV, K.Yu., inzh., red.; VOROB'YEV, A.A., inzh., red.; ZVONAREV, K.A., prof. doktor tekhn.nauk, red.

(Continued on next card)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ABRAMOV, S.K.-- (continued) Card 2.

ZDANOVICH, V.G., prof., doktor tekhn.nauk, red.; IVANOV, G.A., doktor geol.-min.nauk, red.; KARAVAYEV, N.M., red.; KOROTKOV, G.V., kand.geol.-min.nauk, red.; KOROTKOV, M.V., kand.tekhn.nauk, red.; MAKKAVEYEV, A.A., doktor geol.-min.nauk, red.; OMEL'CHENKO, A.N., kand.tekhn.nauk, red.; SEIDERZON, E.M., kand.geol.-min.nauk, red.; USHAKOV, I.N., dots., kand. tekhn.nauk, red.; YABLOKOV, V.S., kand.geol.-min.nauk, red.; KOROLEVA, T.I., red.izd-va; KACHALKINA, Z.I., red.izd-va; PROZOROVSKAYA, F.L., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii spravochnik. Glav. red. I.M.Terpigorev. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po ugol'noi promyshl. Vol.2. [Geology of coal deposits and surveying] Geologiia ugol'nykh mestorozhdenii i marksheiderskoe delo. Redkolegiia tom S.V.Troianskiy. 1957. 646 p. (MIRA 11:5)

1. Chlen-korrespondent AN SSSR (for Karavayev)
(Coal geology--Dictionaries)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

BOGDANOV, A.A.; GAMKRELIDZE, P.D.; GORSKIY, I.I.; ZARIDZE, G.M.; KRASHENINNIKOV, G.F.; MURATOV, M.V.; RADKEVICH, Ye.A.; SOBOLEV, V.S.; KHAIN, V.Ye.; SHATALOV, Ye.T.

Visiting Czechoslovakian geologists. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 12 no.2:3-27 '57. (MIRA 10:10)
(Czechoslovakia--Geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G. F.

"FAcies Investigations on Sedimentary Rocks"

report presented at the 5th Intl. Sedimentology Congress, Geneva/Lausanne, 2-7 June 1958.

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APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

AUTHOR: Krasheninnikov, G.F. SOV-5-58-3-21/39

TITLE: Contemporary Garnet Placer on the Banks of the Galichskoye Lake (Sovremennaya granatovaya rossyp' na beregu Galichskovo ozera)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskiy, 1958, Nr 3, p 149 (USSR)

ABSTRACT: This is a resume of a lecture given on Mar 14, 1958. In 1954 the author discovered placer deposits of garnet sands, and gives the exact location and the type at the Galichskoye Lake.

1. Geology--USSR 2. Sand--Sources

Card 1/1

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Some geological characteristics of the distribution of coal reserves of the U.S.S.R. Vest.Mosk.un.Ser.biol.,pochv.,geol., geog. 13 no.4:113-120 '58. (MIRA 12:4)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo universiteta.

(Coal geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G. F.

AUTHOR: Krasheninnikov, G. F., Professor. 30-1-38/39

TITLE: Phases and the "Theory of Phases" (Fatsiya i "ucheniye o fatsiyakh").

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 28, Nr 1, pp. 136-143 (USSR).

ABSTRACT: This paper concerns the new edition of the book "The Theory of Phases" by D. V. Nalivkin, Academician, which is criticized by professor G. F. Krasheninnikov.
There is 1 Slavic reference.

AVAILABLE. Library of Congress.

1. Phases-Theory

Card 1/1

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, G.F.

Modern garnetiferous sand placer along the shores of Lake Galich.
Biul.MOIP.Otd.geol. 33 no.3:149 My-Je '58. (MIRA 11:11)
(Galich, Lake -- Garnet)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

CZECHOSLOVAKIA / Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 34554

Author : Krasoninnikov, G. F.
Inst : Central Geological Institute
Title : Genetic Types of Coal-Bearing Deposits

Orig Pub : Vest. Ustred. ustavu geol., 1958, 33, No 5, 309-317

Abstract : No abstract given

Card 1/1 D - 4

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

PUSTOVALOV, L.V., otv.red.; GIMMEL'FARB, B.M., red.; KRASHENINNIKOV, G.F., red.; SARKISYAN, S.G., red.; SERDYUCHENKO, D.P., red.; TEODOROVICH, G.I., red.; SHVETSOV, M.S., red.; SMIRNOVA, Z.A., red.izd-va; IVANOVA, A.G., tekhn.red.

[Problems of sedimentology; reports of Soviet geologists for the Sixth International Congress of Sedimentology] Voprosy sedimentologii; doklady sovetskikh geologov k VI Mezhdunarodnomu kongressu po sedimentologii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1960. 215 p.

(MIRA 14:3)

1. International Congress of Sedimentology. 6th, Copenhagen, 1960.

(Rocks, Sedimentary)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Kharkov geological conference on sedimentary formations in the greater Donets Basin. Vest. Mosk. un. Ser. 4: Geol. 15 no.4:71-72 Jl-Ag '60. (MIRA 13:10)

(Donets Basin--Rocks, Sedimentary)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

BARSANOV, G.P.; BOGDANOV, A.A.; YERMAKOV, N.P.; KRASHENINNIKOV, G.F.; SERGEYEV, Ye.M.; SMIRNOV, V.I.; YAKUSHOVA, A.F.

International geological congress in Copenhagen. Vest. Mosk. un. Ser. 4: Geol. 15 no.6:3-12 N-D '60. (MIRA 14:1)
(Geology--Congresses)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F., prof.

Tasks of lithological research. Vest. AN SSSR 31 no.10:132-134 O '61. (MIRA 14:9)

(Siberia, Western--Rocks, Sedimentary)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Some problems of modern paleogeographical methods. Izv. AN SSSR. Ser.geol. 27 no.6:99-107 Je '62. (MIRA 15:5)

1. Moskovskiy gosudarstvennyy universitet.
(Paleogeography)
(Geology, Economic)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Facies, genetic types, and formations. Izv.AN SSSR.Ser.geol. 27 no.8:3-13 Ag '62. (MIRA 15:8)

1. Moskovskiy gosudarstvennyy universitet.
(Geology--Terminology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASENINNIKOV, G.F. [Krashennikov, G.F.]

The facies, genetic types, and formations. Analele geol geogr 17 no.2:49-60 Ap-Je '63.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Fifth All-Union Conference on Lithology held in Novosibirsk.
Biul. MOIP. Otd.geol. 37 no.4:137-138 Jl-Ag '62. (MIRA 16:5)
(Rocks, Sedimentary)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.; TYZHNOV, A.V.

New map of the distribution of coal-bearing sediments in the U.S.S.R. Izv. AN SSSR. Ser. geol. 28 no.7:94-97 Jl '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KAZARINOV, V.P., otv. red.; BGATOV, V.I., red.; KAZANSKIY, Yu.P., red.; KRASHENINNIKOV, G.F., red.; SAKS, V.N., red.; YAMLOKOV, V.S., red.; SHPAKOVSKAYA, L.I., red.

[Methods for compiling lithological facies and paleogeographic maps; transactions] Metody sostavleniia litologofatsial'nykh i paleogeograficheskikh kart; trudy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR. Vol.1. 1963. 174 p. (MIRA 18:1)

1. Vsesoyuznoye litologicheskoye soveshchaniye. 5th. Novosibirsk, 1961.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KAZARINOV, V.P., otv. red.; BGATOV, V.I., red.; KAZANSKIY, Yu.P., red.; KRASHENINNIKOV, G.F., red.; SAKS, V.N., red.; YABLOKOV, V.S., red.; SHPAKOVSKAYA, L.I., red.

[Sedimentary formations of Siberia; transactions] Osadochnye formatsii Sibiri; trudy. Novosibirsk, Red.-izd. otdel Sibirskogo otd-niia AN SSSR. Vol.2. 1964. 162 p. (MIRA 18:6)

1. Vsesoyuznoye litologicheskoye soveshchaniye. 5th, Novosibirsk.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Some remarks regarding the methods of lithological-formational analysis. Lit. i pol. iskop. no.6:151-159 N-D '64.

(MIRA 18:3)

1. Moskovskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

BOGDANOV, A.A., prof.; YERMAKOV, N.P.; KOPTEV-DVORNIKOV, V.S.; KRASHENINNIKOV, G.F.; LEONOV, G.P.; SMIRNOV, V.I. akad.

International Geological Congress in New Delhi. Vest. Mosk. un. Ser. 4: Geol. 20 no.3:3-16 My-Je '65.

(MIRA 18:7)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.F.

Problems of lithology on the 22d session of the International Geological Congress in India. Lit. i pol. iskop. no.3:155-160 My-Je '65.

(MIRA 18:10)

1. Moskovskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

STRAKHOV, N.M.; LANGE, O.K.; YABLOKOV, V.S.; SARYCHEVA, T.G.; OVCHINNIKOV, A.M.; SHCHEGOLEV, D.I.; KRASHENINNIKOV, G.F.; MENYAYLENKO, P.A.; KALEDA, G.A.; ANUFRIYEV, A.A., student

Mikhail Sergeevich Shvetsov, 1885- . Izv. vys. ucheb. zav.; geol. i razv. 8 no.11:7-13 N '65. (MIRA 18:12)

1. Moskovskiy geologorazvedochnyy institut (for Anufriyev).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

MONOKROVICH E.I.; KRASHENINNIKOV, G.I.

Use of a simplified heat pump in a heat supply based on thermal waters. Izv.AN Uz.SSR.Ser.tekh.nauk. no.3:3-11 '60. (MIRA 13:7)

1. Institut energetiki i avtomatiki AN UzSSR.
(Heat pumps)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, G.V., inzhener.

The FWD boring machine. Mekh.stroi. 4 no.3:19-20 Mr.'47.
(Boring machinery)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KULAYEV, I.S., FAIS, D.; METLITSKAYA, A.Z.; KRASHENINNIKOV, I.A.

Short-lived inclusion of $P^{32}$ into the mycelium of Penicillium chrysogenum. Dokl. AN SSSR 159 no.1:198-201 N '64. (MIRA 17:12)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova. Predstavleno akademikom A.N. Belozerskim.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, I.G.; ROZENSHTEYN, Ya.I.

Hauling of alcohol by trucks. Spirt.prom. 20 no.2:37-39 '54. (MLRA 7:6)
(Kharkov--Tank trucks) (Tank trucks--Kharkov) (Alcohol--Transportation)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

Krasheninnikov, I. I.

CHERTORIZHSKIY, Konstantin Vakkhonovich [Chertorizh's'kyi, K.V.]; KRASHENINNIKOV, Ivan Ivanovich; PISARENKO, M., veduchiy red.; PATSALYUK, P., tekhn. red.

[Equipment for operating electric drives] Aparatura upravlennia elektropryvodamy. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1958. 325 p. (MIRA 11:8)

(Electric driving)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

110-58-6-8/22

AUTHOR: Krasheninnikov, I.I., Engineer

TITLE: Step-by-Step Counter Relay Type Ye-526 (Schetno-shagovoye rele tipa Ye-526)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 6, pp 37 - 41 (USSR).

ABSTRACT: For purposes of automatic control a programming selector--switch is often required. Although programme-selectors such as type KA4000 are used in the metallurgical industry, they are cumbersome and power-type step-by-step selector switches are not made. Relay type Ye-526 has been developed and is smaller and more convenient than type KA-4000 equipment. The relay is flexible, being useful in three applications: for successive connection of a number of circuits; for connecting only programmed circuits; and for combinations of these two functions. The diagram of the relay is given in Figure 1 and it is illustrated photographically in Figure 4. It consists of two flat commutators, each with 30 positions; an asynchronous servomotor; an isolating transformer; and a pulse circuit. The operation of the relay in each of the three duties is then

Card 1/2

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Step-by-Step Counter Relay Type Ye-526 110-58-6-8/22

described and a brief analysis of the switching conditions is given. The relay can switch 50-W inductive load at 220 V d.c. There are 4 figures.

ASSOCIATION: Zavod "Rele i avtomatiki" ("Relay and Automatic Device Factory")

SUBMITTED: October 21, 1957

Card 2/2

1. Electronic relays--Design

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

AUTHOR: Rozenfeld, V.I., Engineer, and Krasheninnikov, I.I., Engineer. SOV/110-58-7-15/21

TITLE: Thyratron time-relays. (Tiratronnyye rele vremeni)

PERIODICAL: Vestnik Elektropromyshlennosti, 1958, Nr 7, pp 52-56. (USSR)

ABSTRACT: It is claimed that thyratron time-relays do not suffer from many of the defects of other types. They are simple, cheap, reliable and have long life. By using a cold-cathode thyratron the relay is always ready for use. The relay can be made to operate up to ten times a second and the power consumption is only 5 - 8 VA. The principle of operation is explained with reference to the circuit given in Fig 1. When the operating switch is closed, voltage is applied to a resistance/capacitance charging circuit; the time delay depends on the rate of voltage build-up in the capacitor, a formula for which is given. The accuracy of the relay time-setting is affected by voltage variations of the power source, changes in the ignition voltage of

Card 1/4

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the thyratron and the values of R and C. It may be necessary to use a voltage supply stabiliser. The thyratron ignition voltage is affected by the ambient temperature to some extent; also, the resistance and capacitance values may change as the components age. It is important that the insulation resistance of the components should be good, else the errors increase. However, in practice, very satisfactory results can be obtained without using expensive or scarce components. The time-delay that can be obtained is limited by a number of factors, for instance the operating time of the output relay is of the order of 0.1 secs and if the time of operation is more than about 5 minutes the time-constant and leakage of the capacitor begin to take effect. A



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SOV/110-58-7-15/21

.. yratron time-relays.

number of examples of thyratron time-relays are then given. A circuit in which the thyratron operates only whilst the output relay is actually operating is given in Fig 3. The circuit of time-relay type VL-1 is given in Fig 4 and the operation of the relay is explained; the method of connection is shown in Fig 5 and a photograph of the relay in Fig 6. The relay may be used on circuits of 127 or 220 V with time-delays of 0.5 - 95 secs. or 85 - 180 secs, the range being selected by means of a switch. The switching relay can interrupt inductive loads of 40W in a 220 V d.c. circuit or 250 VA in an a.c. circuit. Variations in the time setting may be up to ± 15%. Time-relay type VL-2, which uses a paper/foil capacitor instead of metallised paper has greater accuracy and can operate over a wider temperature range. In other respects it is the same as type VL-1. Type VL-3 covers the same time-range as VL-1 but uses a paper/foil capacitor; it has two contactors of higher rupturing capacity and the thyratron operates only whilst the output relay is operating, so that the life is better. This relay is

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

SOV/110-58-7-15/21

Thyratron time-relays.

recommended for use in automatic schemes where high accuracy is required over a wide range of ambient temperature. Relay type VL-4 is intended for automatic time-delay setting during photographic printing; the time-delay varies from 0.5 - 30 seconds. It can operate a 250W enlarger lamp. There are 7 figures.

Card 4/4

1. Thyratrons--Design 2. Thyratrons--Performance

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

9(6)

AUTHORS: Krasheninnikov, I. I., Smirnov, V. V., SOV/119-58-12-12/15
Engineers

TITLE: Pulse Counter Relay of the Type Ye-531
(Schetno-impul'snoye rele tipa Ye-531)

PERIODICAL: Priborostroyeniye, 1958, Nr 12, pp 30 - 30 (USSR)

ABSTRACT: This relay of the type Ye-531 has been developed in the Kiyevskiy zavod rele i avtomatiki (Kiyev Relay and Automation Works). It automatically counts the number of processes of a mechanism and, after counting to a certain predetermined number, it gives an order to the power element to initiate the next process cycle. The relay is quoted to have a life time of at least 5 million pulses and is provided to be fed by a.c. The magnets, however, are fed by d.c. through a rectifier (germanium diode) from an a.c. source, which is incorporated in the device. The device itself is mounted on a plastics ground plate. The case is in front fitted with a window, thus providing for a simple adjustment, which can be varied between 1 and 75 pulses. The relay operates only at a pulse repetition frequency less than 4 per second. If an extension

Card 1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

SOV/119-58-12-12/13

Pulse Counter Relay of the Type Ye-531

of the pulse counting range is desired, two or more relays must be used. Test specimens of this relay operated still reliably after 20 million pulses.
There is 1 figure.

Card 2/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV

KRASHENNIKOV, I.I., inzh.

E-526 counting and step relay. Vest. elektroprom. 29 no.6:37-41 Je '58. (MIRA 11:8)

1. Zavod "Rele i avtomatiki."
(Electric relays)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

CHERTORYZHSKIY, Konstantin Vakkhovich; KRASHENINNIKOV, I.I., red.; SOROKA, M.S., red.; RUDENSKIY, Ya.V., tekhn.red.

[Automatic electric control of metal cutting machines] Elektroavtomatika metallorezhushchikh stankov. Pod red. I.I.Krasheninnikova. Izd.2., perer. i dop. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 299 p. (MIRA 12:5)
(Machine tools) (Automatic control)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

86772

S/104/66/000/003/002/002
E041/E421

9.8200

AUTHOR: Krasheninnikov, I.I., Engineer

TITLE: Type К-2 (K-2) Double АПВ (APV) Electronic Relay

PERIODICAL: Elektricheskiye Stantsii, 1960, No.3, pp.65-68

TEXT: This development has made use of standard parts (intermediate relay, capacitors, resistors) and a 2-circuit thyratron relay timer with 2 independent delay settings. For increased accuracy, a stabilized voltage supply is used. Fig.1 is a circuit diagram of the relay. The operation is as follows: When the switch is closed $C_2$ is charged and the circuit is in its normal initial condition. All relay circuits are unenergized. When the switch opens, due to non-correspondence of its position and that of the control circuit, an external loop (terminals 3, 5) closes and $C_2$ discharges through the winding of the intermediate relay 3П. The latter operates, latching itself through $R_{13}$, energizes relay 4П and prepares the timer for its first cycle of operation. In operating, 4П starts the timer and, through its second winding, obtains the additional excitation necessary for latching during the second cycle of the timer. $C_1$ now begins to charge through $R_4$ and $R_6$. When sufficient time has elapsed,

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

86772

S/104/60/000/003/002/002
E041/E421

Type K-2 (K-2) Double АПВ (APV) Electronic Relay

the voltage on the capacitor, and thus on the thyratron grid, reaches firing level and relay 1П operates. The latter closes the switch circuit, latches itself by its series winding, discharges $C_1$ and open-circuits relay 3П. Because the parallel winding of 3П is connected to $C_2$ the armature of this relay drops out after a certain delay which is necessary for the complete discharge of $C_1$. When 3П trips, the operating coil of 4П is de-energized but the relay remains latched, also the normally closed contacts on 3П switch in the relay timer for its second cycle. If the first cycle was successful then the switch remains closed, relay 1П drops out, 3П remains out and the relay timer continues working. When the second delay time (10 to 20 sec) has elapsed, relay 2П operates. Its normally open contacts short circuit the latching winding on 4П. The latter drops out and de-energizes the timer circuit. Since the switch contact-block is open-circuited, the series winding of 2П is opened and its closure will be momentary. Thus operation of a second cycle as a consequence of a successful first cycle is "single-shot" and

Card 2/5

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86772

S/104/60/000/003/002/002
E041/E421

Type К-2 (K-2) Double АПВ (APV) Electronic Relay

it is necessary to restore the circuit to its original condition. Repeat operation is possible not sooner than 60 seconds after closure of the switch. The sequence of events is also described in detail for the case of an unsuccessful first cycle. All components are mounted on a withdrawable steel plate, as in Fig.2, which is housed in a conventional case. Dimensions and fixing centres are shown in a separate figure. The operating voltage is 220 V d.c. and the delay limits are: 1st cycle, 0.5 to 5 sec; 2nd cycle, 10 to 20 sec. I.M.Gres', Engineer (Kiyevenergo), M.I.Tsarev, Candidate of Technical Sciences and P.K.Feyst, Candidate of Technical Sciences (VNIIE) participated in the development work. There are 4 figures.

ASSOCIATION: Kiyevskiy zavod "Rele i avtomatika" (Kiyev "Relay and Automation" Factory)

Card 3/5

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

86772

S/104/60/000/003/002/002
E041/E421

Type К-2 (К-2) Double АПВ (APV) Electronic Relay

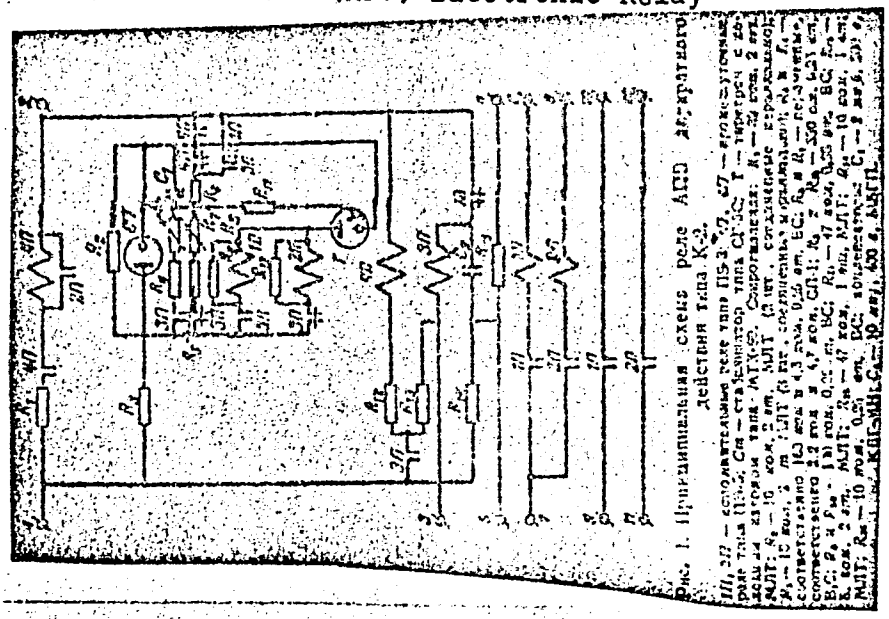

Рис. 1. Принципиальная схема реле АПВ двукратного действия типа К-2.

Card 4/5

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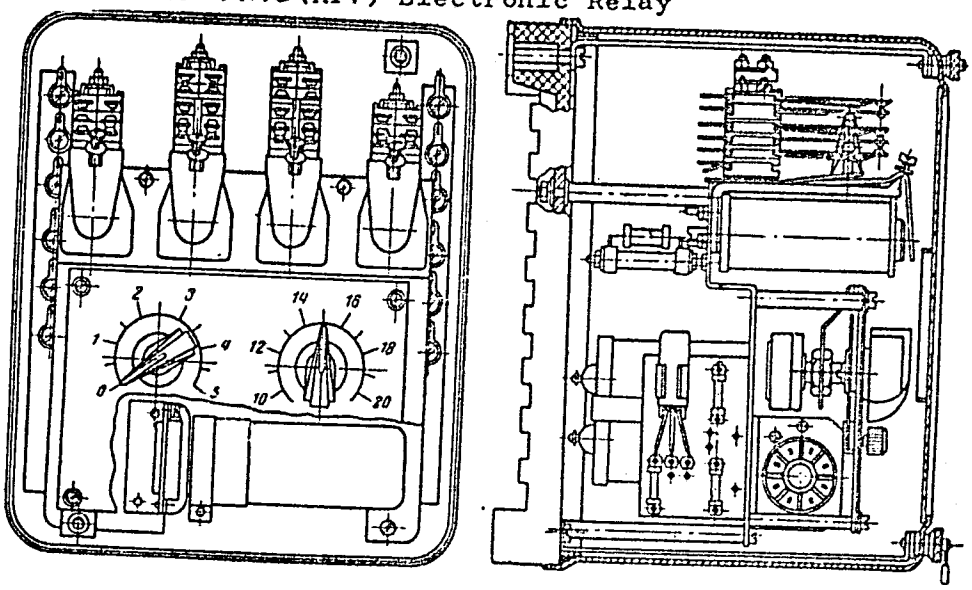
86772

S/104/60/000/003/002/002
E041/E421

Type К-2 (K-2) Double АПВ (APV) Electronic Relay




Card 5/5

Рис. 2.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, I. M.

28983

I Tyulina, L. N. K. sistyemat'kye, ekologii I tsyenologii nyekotorykh vidov artemisia flory altaya. Botan, Zhurnal, 1949, No. 4, C. 341-51. Bibliogr: S. 35.

SO: Letopis' No. 34.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

38168. KRASHENINNIKOV, I. M. and VASIL'YEV, YA. YA.

O lesostepi zapad. nogo sklona Yuzhnogo Urala. (Geobotan. obzor), Trudy Pochv. in-ta im. Dokuchayeva, t. XXX, 1949, s. 143-78. Bibliogr: 10 Nazv.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV I. M.

Krasheninnikov, I. M.- "On certain wormwoods of the Caucasian flora," Botan. materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, p. 176-80

SO: U-4092, 29 Oct 53, (Letopis 'Zhurnal'nykh Statey, No. 18, 1949).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, I. M.

Krasheninnikov, I. M. "On the genus Krachanthemum D C," Botan. materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, p. 181-200

SO: U-4934, 29 October 1953, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, I.M.

Geography and Geology

Geographical worls; (Sostavlenie i red. A.I. Solov'yeva), Moskva, Gos. izd.vo geogr. lit-ry, 1951

Monthly List of Russian Accessions, Libaray of Congress October, 1952 UNCL.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, Ippolit Mikhaylovich; LAVRENT'YEVA, Ye.V., redaktor; RIVINA, I.N., tekhnicheskiy redaktor; SUKACHEV, V.N., akademik, redaktor; SOLOV'YEVA, A.I.

[Geographical studies] Geograficheskie raboty. Moskva, Gos. izd-vo Geograficheskoi lit-ry, 611 p. 1954. (MIRA 8:1)

1. Chlen-korrespondent APN RSFSR (for Solov'yeva).
(Geography)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, I. P., Cand Tech Sci. -- "Study of the sawing of pine logs into high-quality lumber." Mos, 1961. (Min of Higher and Sec Spec Ed RSFSR. Mos Forestry Eng Inst) (KL, 8-61, 245)



APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

GORN, L.S.; KRASHENINNIKOV, I.S.; KHAZANOV, B.I.; MELESHKO, V.K., red.; VLASOVA, N.A., tekhn. red.

[Electronics in nuclear spectrometry]Elektronika v spektrometrii iadernykh izlucheni. [By]L.S.Gorn, I.S.Krasheninnikov, B.I. Khazanov. Moskva, Gosatomizdat, 1963. 291 p. (MIRA 16:3)
(Nuclear counters) (Spectrometry)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, I.S.

Rational selection of the number of channels in spectrometry. Nauch.-tekh. sbor. Gos. izd-va lit. v obl. atom. nauki i tekh. no.6:27-37 '63 (MIRA 17:8)

Counting characteristics of multichannel analyzers with several transducers. Ibid.:49-52

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AR4023766 S/0274/64/000/001/A082/A082

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 1A539

AUTHORS: Kurochkin, S. S.; Krasheninnikov, I. S.; Milov, Yu. G.

TITLE: Analyzers with many pickups

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radio-elektronike. T. 2. Ch. 2. M., Gosatomizdat, 1963, 31-46

TOPIC TAGS: pulse analyzer, multichannel analyzer, nuclear particle angular distribution, statistical analysis, pulse counting rate, analyzer dead time

TRANSLATION: In a large number of experiments many pickups are used simultaneously, and if their signals are recorded channel by channel, the apparatus turns out to be quite complicated. A much more compact installation consists of a recording part of a multichannel

Card 1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AR4023766

analyzer used in conjunction with an input coding unit, which connects each pickup with a definite address of the recording part. The transmitter signal is first distinguished from the background by its level, sign, or some other parameter. Such systems can be used, for example, in a statistical analysis of angular distribution of nuclear particles. Coding devices of the sequential and parallel types are considered, along with the problems involved in the construction of systems consisting of many pickups with analyzers. Two types of analyzers are described and circuits are presented for their principal units. It is shown that owing to the considerable dead time (20--30 microseconds) the efficiency of such systems is inadequate in the case of large loads, but when the pulse counting rate is less than one pulse per second, this shortcoming can be neglected. Bibliography, 4 titles. I. B.

DATE ACQ: 03Mar64 SUB CODE: PH, GE ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AR4023770 S/0274/64/000/001/A082/A083

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 1A543

AUTHORS: Kurochkin, S. S.; Krasheninnikov, I. S.; Kuznetsov, K. F.

TITLE: Multichannel analyzer for large scale production

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektronike. T. 2. Ch. 2. M., Gosatomizdat, 1963, 53-61

TOPIC TAGS: multichannel analyzer, pulse code converter, interval code converter, analyzer storage unit, analyzer data processing unit, analog analyzer output, digital analog output, mass production analyzer

TRANSLATION: The development and technical data on four types of analyzers and their transmittal to the plants are reported. The greater part of the input and output units are common to analyzers

Card 1/3

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AR4023770

of any one type. The differences between analyzers are determined essentially by the parameters of their storage and information processing units. The input units of the analyzers convert either pulse amplitudes or time intervals between pulses into a digital code. Standard pulses corresponding to the appearance of a signal in a definite pickup can also be converted. A summary table of the technical specifications of the input units is presented: the largest number of converter channels is 512, the pulse repetition frequency reaches 4 Mc, and the smallest channel width of the time converter is 1 nsec. The output units of the analyzers are designed to provide either analog (on an oscilloscope or automatic recorder) or digital signals (on a dekatron counter, punched tape, or number-printing mechanism). Depending on the number of channels, the analyzers come in three groups: AI-50, AI-100, and AI-2048. The latter group of analyzers has 2048 channels for 18 binary digits each. Two-dimensional and multi-dimensional analyzers were also developed. Work is being done on transistorization of the analyzer circuit



APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AR4023770

blocks. Many of the most important units are constructed in miniaturized-block form. To ensure efficient production of the analyzers, the technological tolerances of their parameters are specified. Bibliography, 4 titles. I. B.

DATE ACQ: 03Mar64 SUB CODE: EE, SD ENCL: 00

Card 3/3

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AT3012185 S/2963/63/000/005/0058/0062

AUTHORS: Krasheninnikov, I. S.; Safonov; O. A.; Yefimchik, R. S.

TITLE: Input unit for multichannel registration with parallel address selection

SOURCE: Mnogokanal'ny*ye izmeritel'ny*ye sistemy* v yadernoy fizike: Nauchno-tekhnicheskiy sbornik. Moscow, no. 5, 1963, 58-62

TOPIC TAGS: number to code converter, parallel converter, sequential converter, address unit, address register, pickup matrix, binary flipflop

ABSTRACT: This input unit converts a pickup number into a digital code. It is shown that a parallel type converter is preferred to a sequential type because of its higher speed. Such a converter can be easily combined with the address unit of the recording equipment, provided the elements of the address register are binary flipflops.

Card 1/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACCESSION NR: AT3012185

The connection between the various equipment pickups and the address register is in the form of a matrix with the pickup outputs grouped in such a way that the address of each pickup in the matrix is determined at the instant of occurrence of a pulse, in terms of two coordinates, each of which is coded in accordance with the computation system used in the address register (binary, decimal, etc.). The operation of the entire equipment is described in detail along with the precautions necessary to prevent false addresses when two sensing elements operate simultaneously and other possible errors. The equipment is particularly useful if the counting rate is low. Another advantage is the fact that the "dead" time is constant for all channels, something difficult to ensure with systems in which several scales are used. Orig. art. has: 2 figures.

ASSOCIATION: None

| | | |
|---|---|---|
| SUBMITTED: 00 | DATE ACQ: 16Oct63 | ENCL: 02 |
| SUB CODE: NS, SD | NO REF SOV: 001 | OTHER: 000 |

Card 2/4 2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENNIKOV, I.S.; KUROCHKIN, S.S., kand. tekhn. nauk

Methods of control of the metric characteristics of multichannel analyzers. Nauch.-tekh. sbor. Gos. izl-va lit. v obl. atom. nauki i tekh. no.6:93-104 '63 (MIRA 17:8)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

REKHIN, Ye.I.; PANKRATOV, V.M.; KRASHENINNIKOV, I.S.

Converter of time intervals to digital code. Mnogokan. izm. sist. v iad. fiz. no.5:38-57 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, I.S.; YELDASHEV, V.V.

Generator of pulses with stable and linearly varying amplitudes. Mnogokan. izm. sist. v iad. fiz. no.5:171-172 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

SMOLIN, V.A.; KRASHENINNIKOV, I.S.; LYAPOROV, V.M.; VASIL'YEV, V.M.

Readout operation in the AI-100-1 analyzer. Mnogokan. izm. sist. v iad. fiz. no.5:187-190 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 34897-65 EWT(d)/EEC(k)-2/EEC-4 Pc-4/Pq-4/Pg-4/Pk-4/Pl-4

ACCESSION NR: AT5001666 S/3128/64/000/001/0058/0076

50
45
B+1

AUTHORS: Glagolev, V. P.; Krasheninnikov, I. S.; Kurochkin, S. S.; Tuchina, A. S.; Chernov, P. S.; Zaidokhin, Yu. V.

TITLE: System for the measurements of space-time distributions of the intensities of random events

SOURCE: Yadernoye priborostroyeniye; nauchno-tekhnicheskiy sbornik, no. 1, 1964, 58-76

TOPIC TAGS: pulse height analyzer, pulse time analyzer, space time distribution, random pulse, spectrum analyzer

ABSTRACT: The article describes a system for the measurement of space-time distributions of radiation intensities or other random events. The system permits independent measurements to be made over 256 channels, and its block diagram is shown in Fig. 1 of the Enclosure. The operating principle consists in transforming the pulses

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 34897-65

ACCESSION NR: AT5004666

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from each of the 256 pickups into a digital code corresponding to the number of the pickup, and carrying out the subsequent sorting of the information in digital form, in the same manner as in standard pulse-height and time analyzers. This centralizes an appreciable part of the apparatus and eliminates the need of separate lines for each pick-up. The article describes the pulse preselection blocks, the scintillation pickups used for the particular application, and the AI-256 pulse-height analyzer which serves as the central unit of the equipment. "The authors thank V. A. Sidorov and A. G. Khabakhpashev for useful remarks and V. F. Ivanov, A. I. Ageyeva, and Z. B. Agronskiy for participating in the experiments." Orig. art. has: 18 figures, 8 formulas, and 1 table.

ASSOCIATION: None

SUBMITTED: 00 ENCL: 01 SUB CODE: NP, EC

NR REF SOV: 010 OTHER: 007

Card 2/3

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 34897-65

ACCESSION NR: AP5004666

ENCLOSURE: 01

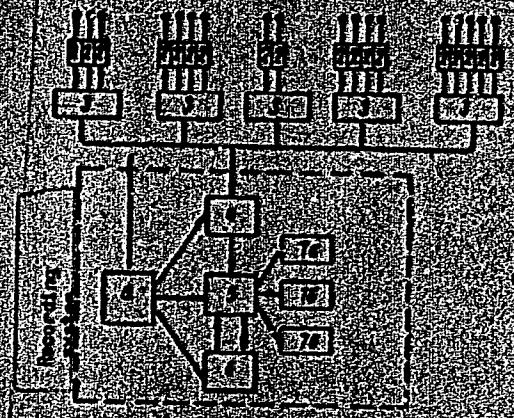

Fig. 1. Block diagram of system.

1 - Pickup, 2 - electronic apparatus, 3 - pulse preselector, 4 - input, 5 - ferrite core, 6 - control unit, 7 - output unit, 8 - power supply

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 34885-65 EWT(1)/EWA(h) Pab

ACCESSION NR: AT5004667 S/3128/64/000/001/0077/0100

AUTHORS: Krasheninnikov, I. S.; Kurochkin, S. S.; Kurkov, Ye. V.; Belov, A. F.; Pasechnikova, I. P.; Yeldashev, V. V.

TITLE: Small 128-channel pulse analyzer

SOURCE: Yadernoye priborostroyeniye: nauchno-tekhnicheskiy sbornik, no. 1, 1964, 77-100

TOPIC TAGS: pulse analyzer, data recording system, computer element, sequential pulse analysis

ABSTRACT: The article describes a small pulse analyzer, using a new ferrite data recorder, the block diagram of which is shown in Fig. 1 of the Enclosure. Its main parts are the input unit, the data recorder, the control block, and the data readout blocks. The input unit converts the pulse height into a sequential digital code and does not differ essentially from the standard circuits used for the

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 34885-65
ACCESSION NR: AT5004667

purpose. The new type of data recorder has three main features which increase its operating reliability and reduce the volume of the electronic equipment: 1. A single reading winding is used in the sequential access to the number digits, a single amplifier with discriminator, and an arithmetic unit consisting of a single flipflop only. This increases greatly the operating stability. 2. The possibility of using a half-adder consisting of a single flipflop likewise reduces the data-recorder failure probability. 3. The reliability is also increased through the use of a small number of elements for setting the reading and writing currents and through the absence of an inhibiting current. The data recorder provides for the storage of 128 16-digit numbers, and its construction and operations are briefly described. All the other units are described in some detail. A breadboard of the analyzer was tested and the suitability of the equipment for its purpose (which is not spelled out in the article) is demonstrated. The breadboard measured 362 x 350 x x 450 mm and weighed approximately 20 kg. The readout time for a

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L 34885-65

ACCESSION NR: AT5004667

single number is approximately 2 sec and for all the numbers is approximately 4 min. If only half of the channels are filled, the circuitry can be modified so as to reduce the readout time to one-half. A review of earlier attempts to design pulse analyzers that can be suitable for operation under conditions other than in the laboratory, such as in the field or in various industrial plants, is also presented. Orig. art. has: 7 figures and 8 formulas.

ASSOCIATION: None

SUBMITTED: 00 ENCL: 01 SUB CODE: DP, EC

NR REF SOV: 006 OTHER: 003

Card 3/4

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 34885-65

ACCESSION NR: AT5004667

ENCLOSURE: 01

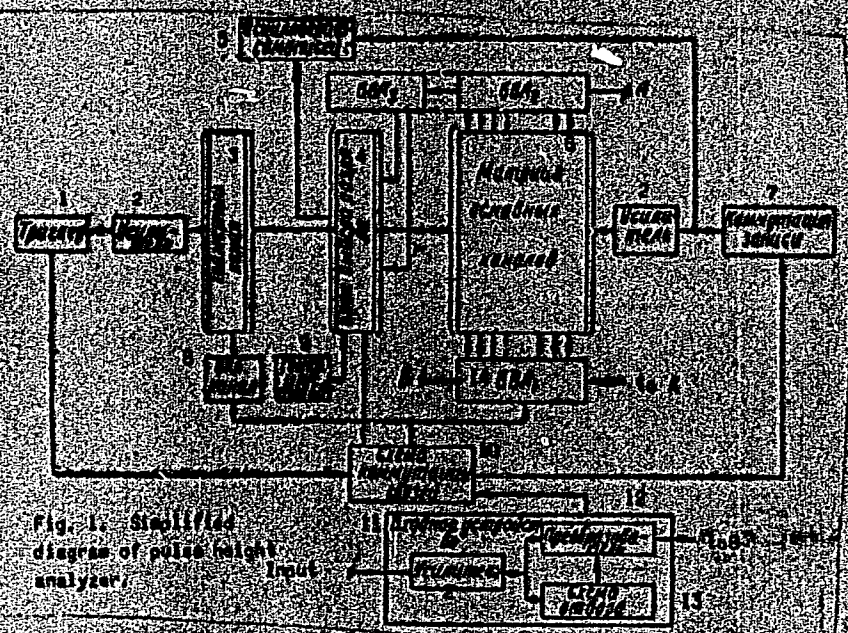


Fig. 1. Simplified diagram of pulse height analyzer.

1 - Flipflop,
2 - amplifier,
3 - timer channel,
4 - digit selection block
5 - recording oscilloscope
6 - main channel matrix
7 - record. commut.
8 - switch. channel
9 - pulse cur. gen.
10 - connect. switch
11 - input unit,
12 - converter
13 - select. circuit
14 - address select. block

Card 4/4

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 45811-66 EWT(d)/EWT(1)/EWP(1) IJP(c) BB/GG

ACC NR: AR6023256 SOURCE CODE: UR/0058/66/000/003/A046/A047

AUTHOR: Kurochkin, S. S.; Belov, A. F.; Belous, A. L.; Krasheninnikov, I. S.; Salichko, V. N.; Rekhin, Ye. I.; Fateyev, V. A.

TITLE: A kit of units and blocks for multichannel and multidimensional analyzers

SOURCE: Ref zh. Fizika, Abs. 3A408

REF SOURCE: Tr. Soyuzn. n.-i. in-ta priborostr., vyp. 1, 1964, 63-78

TOPIC TAGS: multichannel analyzer, pulse height analyzer, computer component, computer coding/ BAP amplitude code converter, BVP time code converter, BDP coordinate code converter, BZU memory unit, BAU arithmetic unit, BUU control unit, BZ printer, BZ perforator, BZ tape storage, BO oscilloscope block, BUO oscilloscope control

ABSTRACT: The authors consider the characteristics of a kit of units and blocks for multichannel and multidimensional analyzers. All the units of the kit are matched both with respect to the input and output resistances, accuracy, range of measured quantities, and operating speed. The parameters of the blocks are guaranteed at a temperature 20 ± 15C and a relative humidity 70 ± 10%. The blocks are designed for supply voltages ±6, 12, 27, and 100V, with stability ±0.5%. The kit includes the following: input units, circuits for the accumulation and processing of information, output devices, and power supplies. The parameters of the following units are presented: 1) BAP-5 and BAP-7 pulse amplitude into code converters; 2) BVP-5 time intervals into digital code converters; 3) devices BDP-7 and BDP-8 for the transformation of the coordinates of pickups, targets, samples, etc. into a digital code; 4) BZU-15,

Card 1/2

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L 45811-66

ACC NR: AR6023256

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BZU-16, BZU-17, BZU-18, BZU-19, BZU-20, BZU-22, and BZU-23 analyzer memory units; 5) BAU-16 and BAU-17 arithmetic units; 6) BUU-3, BUU-16, and BUU-17 analyzer control blocks; 7) BZ-15 and BZ-22 numbers printers; 8) BZ-17 and BZ-18 perforators; 9) BZ-20 magnetic tape storage; 10) BO-5 oscillograph block, BUO-2-5 oscillograph control block, and a few other devices. A table is presented, in which data on the applications of the listed blocks are summarized. Yu. Semenov. [Translation of abstract]

SUB CODE: 09

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 00840-67 EWT(1)/EWT(m) JD

ACC NR: AR6014104 SOURCE CODE: UR/0272/65/000/011/0152/0152

AUTHORS: Krasheninnikov, I. S.; Kurochkin, S. S.; Rekhin, Ye. I.; Yeldashev, V. V.; Yelimchik, R. S.; Tuchina, A. S.

57
B

TITLE: Input devices for multichannel and multidimensional analyzers

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 11.32.1333

REF SOURCE: Tr. Soyuzn. n.-i. in-ta priborostr., vyp. 1, 1964, 79-103

TOPIC TAGS: transistorized circuit, parameter, analog digital converter

ABSTRACT: Amplitude converters and some peculiarities of their transistorization are examined. When amplitude converters are built with transistors, the main attention is given to increasing their response rate and improving their measuring parameters (linearity and stability of characteristics). The possibility of simultaneous measurement of signals from several detectors is also considered. The parameters of the better transistor amplitude converters, converters of the detector number to digital code, and converters of nano- and microsecond time intervals are given. 12 illustrations. Bibliography of 3 citations. [Translation of abstract]

SUB CODE: 09

Card 1/1 pb UDC: 389:621.317.757

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 02341-67 EWT(d)/EWP(1) IJP(c) GG/BB

ACC NR: AR6025728 SOURCE CODE: UR/0058/66/000/004/A036/A036

AUTHOR: Krasheninnikov, I. S.; Kurochkin, S. S.; Rekhin, Ye. I.; Yeldashev, V. V.; Yefimchik, R. S.; Tuchina, A. S.

TITLE: Input devices of multichannel and multidimensional analyzers 19

71

B

SOURCE: Ref. zh. Fizika, Abs. 4A364

REF. SOURCE: Tr. Soyuzn. n.-i. in-ta priborostr., vyp. 1, 1964, 79-103

TOPIC TAGS: multichannel analyzer, pulse height analyzer, pulse coding, analog digital converter, time interval counter

ABSTRACT: Several different types of converters of information into a code 16 are described. The schematic diagram and the block diagram of a pulse-height -- code converter is presented. Block diagrams are considered for converters of time intervals in the microsecond and nanosecond ranges, and also for a converter of the detector number into a digital code. Peculiarities of each type of converter and their fundamental characteristics are discussed. The maximum attainable accuracies by different conversion schemes are discussed. A summary is presented of the parameters of the better transistorized converters. The influence of the dead time on the work of the converter of the detector number into a code and on the accuracy of time measurements is considered theoretically. Yu. Semenov [Translation of abstract].

SUB CODE: 09

Card 1/1

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

L 08329-67

ACC NR: AR6033769 SOURCE CODE: UR/0058/66/000/007/A029/A029

AUTHOR: Kurochkin, S. S.; Belous, A. L.; Belov, A. F.; Krasheninnikov, I. S.; Rekhin, Ye. I.; Salichko, V. N.

TITLE: Multichannel and multidimensional analyzers AI-1024, AI-2048, and AI-4096

SOURCE: Ref. zh. Fizika, Abs. 7A257

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3. Ch. 1 M., Atomizdat, 1965, 171-181

TOPIC TAGS: pulse analyzer, computer, multidimensional analyzer, AI-024 pulse analyzer, AI-2048 pulse analyzer, AI-4096 pulse analyzer, AI-1024-3 analyzer, AI-1024-2 analyzer, AI-2048-3 analyzer, AI-2048-2 analyzer, AI-4096-2 analyzer, AI-4096-3 analyzer

ABSTRACT: A study is made of AI-1024, AI-2048, and AI-4096 pulse analyzers, each of which features modifications. The AI-1024-3, AI-2048-3, and AI-4096-3 analyzers differ from AI-1024-2, AI-2048-2, and AI-4096-2 analyzers in that they have branching control devices and arithmetic devices and permit a more complex processing of information. The analyzers are based upon an active memory core made with ferrite tori with a 16 μsec registration cycle, an arithmetic device, a control device on

Card 1/2

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ACC NR: AR6033769

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ferrite-type cores, a power supply unit ensuring the standard stabilized voltages ±6, ±12, and ±27 v. Counters of measured processes are used as input units. Analog as well as digital information output is possible. The main characteristics of the analyzers are presented in the form of tables. [Translation of abstract]

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Card 2/2 nst

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACC NR: AR6018980 SOURCE CODE: UR/0271/66/000/002/B062/B062

AUTHOR: Krasheninnikov, I. S.; Kurochkin, S. S.; Rekhin, Ye. I.; Yeldashev, V. V.; Yefimchik, R. S.; Tuchina, A. S.

TITLE: Input devices of multichannel and multidimensional analyzers

SOURCE: Ref. zh. Avtomat telemekh i vychisl tekhn. Abs. 2B447

REF SOURCE: Tr. Soyuzn. n.-i. in-ta priborostr., vyp. I, 1964, 79-103

TOPIC TAGS: channel analyzer, pulse height converter, circuit design

ABSTRACT: The characteristics of transistorized pulse height converters (PHC) are examined. The characteristics of measuring the pulse amplitude are described. The parameters of the best models of PHC are given. Various methods of constructing PHC systems are analyzed. The block diagrams and schematic diagrams of individual units of PHC are presented. The circuits of the coordinate converters (CC) of the detector are investigated. The structural diagram of a CC with the use of the matrix method of precoating is given. The errors of CC are analyzed. Batch-produced models of time converters for measuring microsecond and nanosecond time intervals are examined. The block diagrams and characteristics of the time converters are presented. [Translation of abstract] 12 illustrations and bibliography of 3 titles. V. M.

SUB CODE: 09

Card 1/1 UDC: 681.142.621

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

ACC NR: AR7004313 SOURCE CODE: UR/0271/66/000/011/A048/A049

AUTHOR: Kurochkin, S. S.; Belous, A. L.; Belov, A. F.; Krasheninnikov, I. S.; Rekhin, Ye. I.; Salichko, V. N.

TITLE: Principal operating modes of multianalyzers AI-1024, AI-2048, and AI-4096

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 11A378

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3. Ch. 2. M., Atomizdat, 1965, 181-208

TOPIC TAGS: pulse height analyzer, digital analog converter, computer input unit // AI-1024 analyzer, AI-2048 analyzer, AI-4096 analyzer

ABSTRACT: These analyzers permit several types of measurement, yield information either in analog or in digital form, can process information, and perform simplest checking operations. They permit carrying out rapid time and two-dimensional analyses of the following forms: pulse-height and time analysis in consecutive time intervals, measuremet of flux intensity at several points in consecutive time intervals, pulse-height-height analysis, pulse-height-time analysis, time-time analysis, pulse-height analysis of several independent random processes by means of several sensors, time analysis by means of several sensors. The connections required by each type of measurement are made automatically when the suitable input unit is set in. The

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ACC NR: AR7004313

analyzer can be started either manually or by an external signal. The analyzer can be stopped either manually, or by an external signal, or by a specified-exposure signal. The exposure can be specified: either by a "live" time, or by a specified number of pulses, or by a specified time lapse. The analog-type information is fed to an oscilloscope and a recorder. A number code taken from a given channel is fed to a register and further (in a potential digital form) is transferred to the oscilloscope control unit where a digital-to-analog converter is located. When the information is fed to the recorder, an integrating unit is also used. The information is fed to the oscilloscope and recorder according to a conventional program. The information is delivered at a rate of 5 or 20 lines per second. After one cycle of information has been completed, the next pulse starts a program of converting the number in the next channel. Check routines are used for checking the normal functioning of the analyzer. Eleven figures. Bibliography of 4 titles. B. U.
[Translation of abstract]

SUB CODE: 19, 09

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, L.G.

66208

SOV/146-59-1-1/21

~~9(2,8)~~ 16.9500

AUTHORS: Zilitinkevich, S.I., Doctor of Technical Sciences, Professor, Krasheninnikov, L.G., Candidate of Technical Sciences, Docent and Feygel's, V.Z., Senior Instructor

TITLE: A Device for Noncontact Measurements of Resistance Irregularities of Moving Wires

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Priborostroyeniye, 1959, Nr 1, pp 3-12 (USSR)

ABSTRACT: At the Leningrad Institute of Precision Mechanics and Optics a device was developed for measuring resistance irregularities of wires of 20-150 micron diameter moving at speeds of 1-20 m/min without damaging the insulation. The accuracy of the measurements are ± 0.5% of the resistance of a measured length. The device consists of two basic sections: a) The spooling section and b) the measuring section. In fig.1, a photograph of both sections is shown. The kinematic system of the spooling section is shown in diagram (Fig.2). A DO-50 (1425 rpm) motor is used for driving the spools in combination with a photo-electric tension con-

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

66203
SOV/146-59-1-1/21

A Device for Noncontact Measurements of Resistance Irregularities of Moving Wires

trol unit which keeps the tension of the wire to be measured at a pre-set level. A counter indicates the length of wire wound from one spool to the other. The measuring section consists of a frequency modulated generator (2 Mc), an indicator unit, a self-recorder, an automation unit, the power supply unit and the measuring unit. The complete circuit diagram of the measuring section is shown in fig.6 (insert). The wire to be measured passes over two current-conducting capacitance electrodes, as shown in fig.4. These electrodes may be considered as capacitors in combination with the wire to be measured. The air gap between the wire and the electrodes as well as insulation of the wire serve as a dielectric. The electrodes are connected to the generator forming an oscillatory circuit with the inductance L. With resonance, the magnitude of current flowing thru the measuring circuit will be at a maximum. With a given voltage, it will depend only on the resistance. By recording the maximum current value, the changes in the resistance of the wire to be measured

Card 2/3

4

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

66206
SOV/146-59-1-1/21

A Device for Noncontact Measurements of Resistance Irregularities of Moving Wires

may be judged. The generator is tuned in such a manner that its central frequency is equal or close to the natural frequency of the measuring circuit. The output voltage of the generator is stabilized by a feedback circuit. The direct voltage at the anode of the oscillator tube is changed depending upon the hf voltage at the oscillator outlet. The power supply unit consists of six different rectifier circuits. There are 1 photograph, 3 circuit diagrams, 2 diagrams and 2 graphs.

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki (Leningrad Institute of Precision Mechanics and Optics)

SUBMITTED: January 26, 1959

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Card 3/3

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

S/146/62/005/003/003/014
D234/D308

AUTHORS: Zilitinkevich, S.I., Krasheninnikov, L.G. and Feygel's, V.Z.

TITLE: An instrument for measuring the resistance of non-insulated wires and its degree of uniformity with respect to length

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye, v. 5, no. 3, 1962, 21-29

TEXT: The authors describe a device for securing the measurement of an absolute value of the resistance of consecutive segments of moving wires from 20 microns to 0.3 mm in diameter, as well as its uniformity. The error does not exceed ±0.1%. The electrical measuring device is described in detail. The instrument has two rewinding devices, one for wire diameters 0.02 to 0.1 mm, velocities 1 to 25 m/min and tensions 5 to 100 g; the other for 0.1 to 0.3, 2 to 50 m/min and 100 to 700 g; the latter is described. There are 5 figures and 1 table.

Card 1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

An instrument for measuring ... S/146/62/005/003/003/014
D234/D308

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki (Leningrad Institute of Precision Mechanics and Optics)

SUBMITTED: November 28, 1961

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, M.G.; FILIPPOV, S.I.

Surface reaction and boiling of the metal bath during decarburization. Izv.vys.ucheb.zav.; chern.met. 4 no.5:17-27 '61. (MIRA 14:6)

1. Moskovskiy institut stali.
(Steel--Metallurgy) (Surface chemistry)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826030008-4

KRASHENINNIKOV, M.G.; FILIPPOV, S.I.

Mechanism of the nucleation of the gas phase during the oxidation of carbon in molten metals. Izv. vys. uchsb. zav.; chern. met. 4 no.7:18-25 '61. (MIRA 14:8)

1. Moskovskiy institut stali.
(Liquid metals)
(Gases in metals)

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