MIROLYUBOV, Nikolay Nikolayevich; KOSTENKO, Mikhail Vladimirovich; LEVINSHTEYN, Mikhail L'vovich; TIKHODEYEV, Nikolay Nikolayevich; DOLGIN, A.I., prof., retsenzent; BORISOGLEBSKIY, P.V., dots., retsenzent; PERKOVSKAYA, G.Ye., red.; GOROKHOVA, S.S., tekhn.red.

[Methods for calculating electrostatic fields] Metody rascheta elektrostaticheskikh polei. [By] N.N.Miroliubov i dr. Moskva, Vysshaia shkola, 1963. 414 p. (MIRA 17:3)

KOSTENKO, M.V. (Leningrad); PEREL'MAN, L.S. (Leningrad)

Approximate account of "ideally" grounded wires in the calculation of traveling wave transients of overhead power transmission lines. Elektrichestvo no.1:52-54 Ja '63. (MIRA 16:2)

1. Chlen-korrespondent AN SSSR (for Kostenko).
(Electric lines--Overhead) (Transients (Electricity))

SMIRNOV, V.S.; KOSTENKO, M.P.; NEYMAN, L.R.; SHRAMKOV, Ye.G.; KOSTENKO, M.V.; KAMENSKIY, M.D.; ZAYTSEV, I.A.; KUKEKOV, G.A.; DONSKOY, A.V.

A.M. Zalesskii on his 70th birthday. Elektrichestvo no.12:94 F '63. (MIRA 16:5)

(Zalesskii, Aleksandr Mikhailovich, 1892-)

KOSTENKO, M.V. (Leningrad); PEREL'MAN, L.S. (Leningrad)

Calculation of wave processes in multiwire lines. Izv. AN SSSR. Energ. i transp. no.6:721-730 N-D '63.
(MIRA 17:1)

KOSTENKO, M.V.; NEYMAN, L.R.; VENIKOV, V.A.; POPKOV, V.I.; MEL'NIKOV, N.A.; VOROB'YEV, A.A.; KUTYAVIN, I.D.; LYSHCHINSKIY, G.P.

V.K. Shcherbakov; on his 60th birthday and 35th anniversary of his educational work. Elektrichestvo no.8:93-94 Ag '63. (MIRA 16:10)

KOSTENKO, M.V., doktor tekhn.nauk, prof.

Engineering method for calculating the capacitive effect of an idle line. Izv. vys. ucheb. zav.; energ. 6 no.4:1-9 Ap '63.
(MIRA 16:5)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina. Predstavlena kafedroy tekhniki vysokikh napryazheniy.
(Electric lines) (Electric power distribution)

ALEKSANDROV, G.N., kand. tekhn. nauk; ZAYYENTS, S.L., kand.tekhn.nauk;
KOSTENKO, M.V., prof.

Concerning I.K. Fedchenko and B.N. Kondra's article. Izv. vys. ucheb. zav.; energ. 6 no.8:124-126 Ag '63. (MIRA 16:9)

1. Chlen-korrespondent AN SSSR (for Kostenko).
(Electric lines--Overhead)
(Fedchenko, I.K.)
(Kondra, B.N.)

KADOMSKAYA, K.P.; LEVINSHTEYN, M.L.; MIKHAYLOV, Yu.A.; OKOROKOV, V.R.; ORLOV, V.N.; POLOVOY, I.F.; KOSTENKO, M.V., prof. red.

[Internal overvoltages of high-voltage a.c. networks, 1961-1963] Vnutrennie perenapriazheniia v elektricheskikh setiakh vysokogo napriazheniia peremennogo toka, 1961- 1963. Moskva, 1964. 241 p. (MIRA 18:4)

1. Akademiya nauk SSSR. Institut nauchnoy informatsii.
2. Chlen-korrespondent AN SSSR (for Kostenko).

KOSTENKO, M.V.; SIBELI'NIKOV, V.V., kand. tekhn. nauk; ZHDARIN, Ya.P., inzh.

High-frequency parameters of three-phase nontransposed power transmission lines. Elek. sta. 35 no.7:67-71 Jl '64. (MIRA 17:11)

1. Chlen-korrespondent AN SSSR (for Kostenko).

KAYDANOV, F.G. (Leningrad); KOSTENKO, M.V. (Leningrad); PEREL'MAN, L.S. (Leningrad)

Precise determination of wave parameters and analysis of error in solving telegraph equations using the example of a two-wire power transmission line. Elektrichestvo no.3:15-21 Mr '65.

(MIRA 18:6)

L 55923-65

ACCESSION NR: AP5012435

Kozyrev, G. S. Kuchinskiy, M. L. Levinshteyn, V. M. Nashatyr', N. N. Nikolayevskaya, V. N. Orlov, I. F. Polovoy, I. V. Chernyayev, G. A. Shneyerson, O. V. Shcherbachev and other co-workers of the Laboratoriya elektricheskikh system i tekhniki vysokikh napryazheniy im prof. A. A. Goreva (Laboratory for Electrical Systems and High Voltage Technology) at the Leningradskiy politekhnicheskiy institut im. M. I. Kalinina (Leningrad Polytechnic Institute)." Orig. art. has: 23 figures and 3 tables.

ASSOCIATION: Laboratoriya elektricheskikh system i tekhniki vysokikh napryazheniy im prof. A. A. Goreva, Leningradskiy politekhnicheskiy institut im. M. I. Kalinina (Laboratory for Electrical Systems and High Voltage Technology Leningrad Polytechnic Institute)

SUBMITTED: 01Feb65 ENCL: 00 SUB CODE: EE

NO REF SOV: 000 OTHER: 000

Card 2/2

L 55923-65

ACCESSION NR: AP5012435 UR/0281/65/000/002/0012/0031
621.3.027.8:621.31:537.29

22
11
B

AUTHOR: Kostenko, M. V. (Leningrad)

TITLE: Fundamental problems of high voltage in power engineering, electrical engineering, and electrophysics

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 2, 1965, 12-31

TOPIC TAGS: high voltage equipment, scientific research planning, engineering research planning, high voltage dielectric behavior, high voltage power engineering

ABSTRACT: This is a detailed survey of those scientific and engineering problems in the field of high-voltage technology which the author feels should be studied and possibly solved within the 1966-1970 period. It covers the entire field from electrophysical processes in solid, liquid, and gaseous dielectrics, through electromagnetic effects and the high voltage problems in the field of physical equipment, to the problem of high voltages in power and electrical engineering. It is the result of a "joint effort of G. N. Aleksandrov, P. N. Dashuk, S. L. Zayyents, V. L. Ivanov, K. P. Kadomskaya, V. V. Kaplan, D. A. Kaplan, N. A.

Card 1/2

KOSTENKO, M.V. (Leningrad)

Basic problems of high-voltages in power engineering, electrical engineering, and physics. Izv. AN SSSR. Energ. i transp. no.2: 12-31 Mr-Ap '65. (MIRA 18:6)

BOGATENKOV, I.M., inzh.; IVATSIK, Ye.Ye., inzh.; KAPLAN, V.V., kand. tekhn. nauk; KOSTENKO, M.V., doktor tekhn. nauk, prof.; NASHATYR', V.M., kand. tekhn. nauk

Network system for combined tests of magnetic-valve dischargers. Izv. vys. ucheb. zav.; energ. 8 no.8:23-28 Ag '65.

(MIRA 18:9)

1. Leningradskiy politekhnicheskiy institut im. M.I. Kal'nina. 2. Chlen-korrespondent AN SSSR (for Kostenko). Predstavlena kafedroy tekhniki vysokikh napryazheniy Leningradskogo politekhnicheskogo instituta.

KOSTENKO, M.V. (Leningrad); LEVINSHTEYN, M.L. (Leningrad)

Calculation of overvoltages on the capacitance of an oscillatory stage during the switching of a periodic e.m.f. and zero initial conditions. Izv. AN SSSR. Energ. i transp. no.4:3-10 Jl-Ag '65. (MIRA 18:10)

SMIRNOV, V.S.; KOSTENKO, M.P.; NEYMAN, L.R.; KOSTENKO, M.V.; DOMANSKIY, B.I.; ZALESSKIY, A.M.; USOV, S.V.; AYZENBERG, B.L.; DUBINSKIY, L.A.; ALEKSANDROV, G.N.; GRIBOV, A.N.; GRUZDEV, I.A.; LEVINSHTEYN, M.L.; MIKIRTICHEV, A.A.; MIKHAYLOVA, V.I.; RUZIN, Ya.L.; STEFANOV, K.S.; KHOBERG, V.A.; SHCHERBACHEV, O.V.

M.D. Kamenskii; on his 80th birthday. Izv. vys. ucheb. zav.; energ. 8 no.7:130-131 Jl '65. (MIRA 18:9)

MEDVEDEV, S.K., inzh.; KOSTENKO, M.V., prof.; ALEKSANDROV, G.N., kand.tekhn. nauk, dotsent; KUCHINSKIY, G.S., kand.tekhn.nauk, dotsent; ZAL"SSKIY, A.M., prof.

Some critical remarks on IU.G.Esikov's article "Distribution of the intensity of an electric field in a cylindrical condenser." Elektrichestvo no.10:89-92 O '65. (MIRA 18:10)

1. Chlen-korrespondent AN SSSR (for Kostenko).

VOL'DEK, A.I.: DOMANSKIY, B.I.; DRANNIKOV, V.S.; ZALESSKIY, A.M.; KAMENSKIY, M.K.; KANTAN, V.V.; KASHKAROV, G.Ye.; KIZEVETTER, Ye.I.; KLIMOV, A.N.; KOVALEV, N.N.; KOSTENKO, M.P.; KOSTENKO, M.V.; NEYMAN, L.R.; PAVLOV, G.M.; RAVDONIK, V.S.; RUZIN, Ya.L.; SIDOROV, M.M.; SHRAMKOV, Ye.G.

Professor Sergei Vasil'evich Usov, 1905- ; on his 60th birthday. Elektrichestvo no.11:86 N '65. (MIRA 18:11)

L 22149-66

ACC NR: AP6012968 SOURCE CODE: UR/0143/65/000/007/0130/0131

AUTHOR: Smirnov, V. S.; Kostenko, M. P.; Neyman, L. R.; Kostenko, M. V.; Domanskiy, B. I.; Zalesskiy, A. M.; Usov, S. V.; Ayzenberg, B. L.; Dubinskiy, L. A.; Aleksandrov, G. N.; Gribov, A. N.; Gruzdev, I. A.; Levinshteyn, M. L.; Mikirtichev, A. A.; Mikhaylova, V. I.; Ruzin, Ya. L.; Stefanov, K. S.; Khoberg, V. A.; Shcherbachev, O. V.

ORG: none

TITLE: Honoring the 80th birthday of Mikhail Davidovich Kamenskiy

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 7, 1965, 130-131

TOPIC TAGS: electric power engineering, electric engineering personnel, hydroelectric power plant, thermoelectric power plant

ABSTRACT: On 19 April 1965 Prof. Dr. Techn. Sci. Mikhail Davidovich Kamenskiy celebrated his 80th birthday and the 55th anniversary of his active work as a power expert. Mikhail Davidovich is a 1909 graduate of the Petersburg Polytechnic Institute - since his graduation he has been associated with this institue, now renamed Leningrad Polytechnic Institute, as an instructor. He is a major scientist and specialist in electric power grids and systems. He has been a major contributor to the establishment of the Leningrad Power Grid and various large thermal and hydro-

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L 22149-66

ACC NR: AP6012968

electric power stations and an active participant in the design and construction of high- and low-voltage power systems in many cities of the Soviet Union. During the Siege of Leningrad in World War II he was a member of the Municipal Party Defense Committee. Since the war Mikhail Davidovich has been head of the Chair of Electric Power Grids and Systems at the Leningrad Polytechnic Institute and has been working on the methods of calculating the economic regimes of power system operation and on the problems of the present-day development of urban power systems. M.D. Kamenskiy has published more than 80 works, including both original studies as well as textbooks that are popular in the Soviet Union and abroad. He is the chairman of the Section on Power Systems and Grids under the Leningrad Division of the Scientific and Technical Division of the Power Industry and organizer of and participant in many scientific-technical conferences and meetings. His merits as an educator of a new school of Soviet power engineers are equally large. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 dla

L 27274-66 EWT(1)

ACC NR: AP6016875 SOURCE CODE: UR/0281/65/000/006/0078/0093

AUTHOR: Bogatenkov, I. M. (Leningrad); Kaplan, V. V. (Leningrad); Kostenko, M. V. (Leningrad); Nashatyr', V. M. (Leningrad); Yanchus, E. I. (Leningrad) 31 B

ORG: none

TITLE: Testing the commutation capacity of a high voltage apparatus for high-power networks 29

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 6, 1965, 78-93

TOPIC TAGS: circuit breaker, electric power transmission, electric inductance, electric capacitance

ABSTRACT: Results are presented from investigations performed using a network mock-up to synthetically test high-voltage circuit breakers and dischargers to be used in 500-1250 kv power networks. The testing of individual spark-damping elements of breakers is statistically justified. A circuit for combined testing of valve dischargers, including a power system which serves as a source of accompanying current, is analyzed. This system provides full correspondence in current and voltage levels, capacitance and inductance to an actual power network, allowing the breakers to be tested with assurance that the test will correspond to actual operating conditions of the breakers after they are installed in power systems. Orig. art. has: 13 figures. [JPRS]

SUB CODE: 09, 10 / SUBM DATE: 05Jun65

Card 1/1 UDC: 621.316.542.064.241.027.3.001.4: 621.316.933.001.4

EWT(d)/EWP(k)/EWP(t)

ACC NR: AP6013617 SOURCE CODE: UR/0105/65/000/011/0086/0086

AUTHOR: Vol'dek, A. I.; Domanskiy, B. I.; Drannikov, V. S.; Zalesskiy, A. M.; Kamenskiy, M. K.; Kantan, V. V.; Kashkarov, G. Ye.; Kizevetter, Ye. I.; Klimov, A. N.; Kovalev, N. N.; Kostenko, M. P.; Kostenko, M. V.; Neyman, L. R.; Pavlov, G. M.; Ravdonik, V. S.; Ruzin, Ya. L.; Sidorov, M. M.; Shramkov, Ye. G.

ORG: none

TITLE: Professor Sergey Vasil'yevich Usov, on his 60th birthday

SOURCE: Elektrichestvo, no. 11, 1965, 86

TOPIC TAGS: academic personnel, electric engineering personnel, electric power plant

ABSTRACT: The noted Soviet power specialist Professor S. V. USOV, who was 60 years old last September, graduated from the Leningradskiy elektrotekhnicheskiy institut (Leningrad Electrotechnical Institute) in 1930 and then, for the next twenty years, worked for the Lenenergo power system of which he became chief engineer in 1939. During the blockade of Leningrad he was head of the group which in 45 days managed to connect the beleaguered city with the Volkhovskaya hydroelectric station across the frozen Ladoga lake. He also carried out the adaptation of the boilers of the Leningrad thermal power plant to consume the locally available fuel. In 1949 he became professor and head of the Department of Electric Stations

Card 1/2 UDC: 621.311.1

of the Leningradskiy politekhnicheskiy institut (Leningrad Polytechnic Institute) im. Kalinin. In addition to his fruitful pedagogical endeavors, he published 50 scientific papers. From 1955 to 1958 he was a deputy director for scientific work. In 1964 he was elected Dean of the Electromechanical Faculty of the Institute. He joined the Party in 1942; from 1943 to 1955 was deputy president of the central board of the NTOEP /Nauchno-tekhnicheskoye obshchestvo energeticheskoy promyshlennosti; Scientific Engineering Society of Power Industries/, president of the section of power systems of NTOEP, and member of numerous scientific-engineering councils. For many years he was a member of the editorial board of the journal Elektricheskiye stantsii (Electric Stations). For his contributions in the field of power engineering S. V. USOV was awarded the Order of Lenin, Order of Red Banner of Labor, Order of Red Star, Badge of Distinction, and the medals: "For the Defense of Leningrad" and "For Distinguished Service During the Patriotic War." Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

SAKHAROV, Yu.; KOSTENKO, N.

Network planning and management in highway construction.
Avt. dor. 28 no.12:6-9 D '65. (MIRA 19:1)

STEPANOVA, G.; KOSTENKO, N.; IOYLEVA, K.A., dotsent, nauchnyy rukovoditel'

Adsorptive properties of ferric oxide gels. Sbor. nauch. rab. stud. Petrozav. gos. un. no.6:85-96 '62.
(MIRA 17:11)

1. Kafedra obshchey fiziki Petrozavodskogo gosudarstvennogo universiteta.

L 08782-67 EWT(m)/EWP(w)/EWP(t)/ETI/EWP(k) IJP(c) JD/DJ

ACC NR: AT6025832 SOURCE CODE: UR/3206/66/000/001/0065/0072

44
42

AUTHOR: Kostenko, N. A. (Engineer)

ORG: none

TITLE: Influence of technological factors on the formation of cracks during grinding of a heat-resistant alloy

SOURCE: Ukraine. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Tekhnologiya mashinostroyeniya (Technology of machinery manufacture) no. 1, Kiev, Izd-vo Tekhnika, 1966, 65-72

TOPIC TAGS: metal polishing, metal friction, metal surface, grinding, grinding wheel, abrasive, cooling/ EB12SM2K grinding wheel, EB16SM2K grinding wheel

ABSTRACT: The effects of the rate of grinding, the nature of the grinding compound, and the cooling method on the formation of cracks during grinding of highly alloyed heat-resistant metal were studied. The study supplements the results of B. I. Kostetskiy, O. I. Kucheryavyy, and A. I. Kuyun (Analiz defektov, voznikayushchikh pri shlifovanii zakalennoy stali, Sb. Treniye, smazka i iznos detaley mashin, vyp. III, KIGVF 1962). The effect of two different grinding wheels EB12SM2k and EB16SM2K and of a number of different cooling media on the macro- and microstructure and on the microhardness of the ground surface was determined. The experimental results are

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L 08782-67

ACC NR: AT6025832

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tabulated. It was found that the most important single factor contributing to the formation of grinding cracks was heat conduction. The best results were obtained using grinding wheel EB16SM2K and a cooling mixture consisting of sulfo-coolant GOST 122-54 and diesel fuel GOST 305-42. Orig. art. has: 2 tables and 4 graphs.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 006

Card 2/2 nst

OZEROV, M.A. inzh.; KOSTENKO, N.A., inzh.; SPRIDONOV, B.K., inzh.

Studying the running of coupled cars on curved track sections.
Vest. TSNII MPS 24 no.4:23-28 '65. (MIRA 18:7)

1. Bryanskiy mashinostroitel'nyy zavod, Bryanskiy institut transportnogo mashinostroyeniya i Bryanskiy tekhnologicheskiy institut.

BOCHAROV, M.D., otvetstvennyy red.; GRININ, A.G., red.; KOZLOV, K.I., red.; KOSTENKO, N.G., red.; KOCHEYEV, I.P., red.; STAKHOVA, A.P., red.; TADIYEV, P.Ye., red.; SHEVTSOV, M.I., red.; TEKHTIYEKOV, M.I., tekhn.red.

[In the mountains of the Altai] V gorakh Altaia. [Gorno-Altaisk] Gorno-Altaiskoe knizhnoe izd-vo. Vol.1. 1957. 72 p. (MIRA 11:6)
(Altai Territory--Description and travel)

IOYLEVA, K.A.; KOSTENKO, N.I.; LAPIDES, I.L.; KOMSHILOV, N.F.

Studying the adsorption of water vapor by pine lignin. Trudy Kar. fil. AN SSSR no.38:21-25 '63. (MIRA 18:3)

1. Petrozavodskiy gosudarstvennyy universitet (for Ioyleva, Kostenko).
2. Institut lesa Karel'skogo filiala AN SSSR (for Lapides, Komshilov).

KUGUKALO, I.A.[Kuhukalo, I.A.], kand. ekon. nauk; KORETSKIY, L.M. [Korets'kyi, L.M.]; LIPSKIY, V.M.[Lips'kyi, V.M.]; KOSTENKO, N.K.; SHKURATOV, O.I.; LINCHEVSKAYA, V.O. [Linchevs'ka, V.O.]; DAVIDENKO, O.P.[Davydenko, O.P.]; VOLOBOY, P.V.; PUCHKO, Yu.S.; KONSEVICH, A.I.[Konsevych, A.I.]; KOPACHINSKAYA, N.I.[Kopachyns'ka, N.I.]; LANDYSH, B.O., red.; DAKHNO, Yu.B., tekhn. red.

[Trends in the specialization and comprehensive development of the Kiev Administrative Economic Region]Napriamy spetsializatsii i kompleksnoho rozvytku Kyivs'koho ekonomichnoho administratyvnoho raionu. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 308 p. (MIRA 16:3)

1. Akademiya nauk URSR, Kiev. Instytut ekonomiky.
(Kiev Economic Region—Industries)

CHEKRENEV, A.I., doktor tekhn. nauk, prof.; ILINSKIY, V.A., dots. [deceased]; GRISHANIN, K.V., kand. tekhn. nauk, dots.; SELEZNEV, V.M., kand. tekhn.nauk; GILYAROV, N.P., dots., kand. tekhn. nauk; KOSTENKO, N.M., inzh.; Prinimali uchastiye: GRIGOR'YEV, S.N., inzh.; TEREKHOV, I.B., inzh.; KHIZHOV, B.M., inzh., red.; VOLCHOK, K.M., tekhn. red.

[Practical manual on channel improvement operations in inland waterways]Prakticheskoe posobie po proizvodstvu vypravitel'nykh rabot na vnutrennikh vodnykh putiakh. Leningrad, Izd-vo "Rechnoi transport," 1961. 275 p. (MIRA 16:2)

1. Russia (1917- R.S.F.S.R.)Glavnoye upravleniye vodnykh putey i gidrotekhnicheskikh sooruzheniy.
(Rivers--Regulation)

KOSTENKO, N.N.; PROSKURIN, N.V.; CHEBDAROV, N.M.

Using helicopters for geological surveying and prospecting.
Razved.i okh.nedr 22 no.7:32-38 Jl '56. (MLRA 9:11)

1. Kazgeoloupravleniye.
(Aeronautics in geology)

KOSTENKO, N.N.

Brief description of Quaternary deposits of eastern Kazakhstan.
Sov. geol. no.52:144-161 '56. (MLRA 10:4)
(Kazakhstan--Geology, Stratigraphic)

KOSTENKO, N.N.

KISELEV, N.M., KOSTENKO, N.N.

Geographical names. Vest. AN Kazakh. SSR 13 no.6:90-92 Je '57.
(Names, Geographical--Kazakh) (MLRA 10:9)

BAZHANOV, V.S.; KOSTENKO, N.N.

Stratigraphic scheme of Tertiary deposits of southeastern Kazakhstan and northern Kirghizia in the light of paleontological data. Mat. po ist. fauny i flory Kazakh. 2:5-16 '58. (MIRA 11:7)
(Kazakhstan--Paleontology, Stratigraphic)
(Kirghizistan--Paleontology, Stratigraphic)

KOSTENKO, N.N.

All-Union interuniversity conference on the study of the Quaternary period. Izv. AN Kazakh. SSR. Ser. geol. no.2:119-123 '58. (MIRA 12:5)

(Geology, Stratigraphic)

KOSTENKO, N.N.

Fundamentals of the correlation of Quaternary deposits of Kazakhstan and Uzbekistan. Vest.AN Kazakh.SSR 14 no.10:85-88 O '58.
(MIRA 11:12)

(Kazakhstan--Geology, Stratigraphic)
(Uzbekistan--Geology, Stratigraphic)

BAZHANOV, V. S., KOSTENKO, N. N.

Principles for the stratigraphic correlation of Quaternary sediments in Kazakhstan and certain other countries. Izv. AN Kazakh. SSR. Ser. geol. no.1:3-18 '60. (MIRA 13:8)
(Kazakhstan—Geology, Stratigraphic)

KOSTENKO, N.N.

Setting up an interagency organizational committee on the Quaternary geology and geomorphology of Kazakhstan. Vest.AN Kazakh.SSR 16 no.3:89-90 Mr '60. (MIRA 13:6)
(Kazakhstan--Geology)

ABDULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BAKDALETOV, S.M.; BESPALOV, V.F.; BOGDANOV, A.A.; BOKOVIKOV, L.I.; BORSUK, B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA, K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.; KOPYATKEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KURDYUKOV, K.V.; LAVROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.; MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.N.; NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.; RASKATOV, G.I.; RENGARTEN, P.A.; SAVICHEVA, A.Ye.; SALIN, B.A.; SEVRYUGIN, N.A.; SEMENOV, A.I.; CHERNYAKHOVSKIY, A.G.; CHUYKOVA, V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.; NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKRUSHIN, V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan] Geologicheskoe stroenie TSentral'nogo i IUzhnogo Kazakhstana. Leningrad, Otdel nauchno-tekn.informatsii, 1961. 496 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.41)
(MIRA 14:7)

(Kazakhstan--Geology)

BAZHANOV, V.S.; KOSTENKO, N.N.

Geological cross section of the Dzungarian Ak-Tau and its paleozoological foundation. Mat. po ist. fauny i flory Kazakh. 3:47-52 '61. (MIRA 14:7)
(Severnyy Ak-Tau—Paleontology, Stratigraphic)

BAZHANOV, Valer'yan Semenovich; KOSTENKO, Nikolay Nikolayevich; AFANAS'YEV, A.V., prof., otv. red.; OSTROVERKHOV, A.P., red.; RORORKINA, Z.P., tekhn. red.

[Atlas of Quaternary guide mammals in Kazakhstan] Atlas rukovodiashchikh form mlekopitaiushchikh antropogena Kazakhstana. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1962. 109 p. (MIRA 15:7)

(Kazakhstan--Mammals, Fossil)

KOSTENKO, N. N.

Subdivision of Quaternary sediments in Kazakhstan. Trudy Kom. chetv. per. 20:132-136 '62. (MIRA 16:1)

(Kazakhstan—Geology, Stratigraphic)

KOSTENKO, N.N.; TETYUKHIN, G.F.; FEDOROV, P.V.

Regional stratigraphic record of Quaternary sediments of Central Asia and southern Kazakhstan. Biul.Kom.chetv.per. no.27:163-165 '62. (MIRA 16:4)

(Soviet Central Asia--Geology, Stratigraphic)
(Kazakhstan--Geology, Stratigraphic)

BAZHANOV, V.S.; GALITSKIY, V.V.; YEREMIN, V.K.; KOSTENKO, N.N.; MEDOYEV, G.TS.; TETYUKHIN, G.F.

Resoultions of the Second Kazakhstan Interdepatrmental Conference on the Quaternary Period and Geomorphology of Kazakhstan. Izv.AN Kazakh.SSR. Ser.geol. no.5:115-119 '62. (MIRA 15:12)

1. Akademiya nauk Kazakhskoy SSR (for Bazhanov, Galitskiy, Medoyev). 2. Ministerstvo geologii i okhrany nedr Kazakhskoy SSR (for Teremin). 3. YuKGU (for Kostenko). 4. Srednеaziatskiy nauchno-issledovatel'skiy institut geologii i mineral'nogo syr'ya, Tashkent (for Tetyukhin).
(Kazakhstan--Geology, Stratigraphic--Congresses)
(Kazakhstan--Geomorphology--Congresses)

KOSTENKO, N.N.

Marine Paleogene of the Ili Depression. Izv.AN Kazakh.SSR. Ser. geol.nauk no.4:108-110 '63. (MIRA 16:9)

1. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr KazSSR, g. Alma-Ata.

KOSTENKO, Nikolay Nikolayevich; RZHONDKOVSKAYA, L.S., red.

[Fundamentals of the Quaternary stratigraphy of Kazakhstan] Osnovy stratigrafii antropogena Kazakhstana. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 73 p. (MIRA 17:4)

KOSTENKO, N.N.; KOZHAMKULOVA, B.S.

Paleontological criteria in correlating Lower Quaternary deposits of Kazakhstan and Tajikistan. Vest. AN Kazakh. SSR 20 no.6:89-91 Je '64 (MIRA 18:1)

KOSTENKO, N.N.

Stratigraphy of the Cenozoic of southeastern Kazakhstan.
Izv. AN Kazakh. SSR. Ser. geol. 21 no.2:3-17 Mr-Ap'64.
(MIRA 17:5)

1. Yuzhno-Kazakhstanskoye geologicheskoye upravleniye, Alma-Ata.

KOSTENKO, N.N.

Continental de ıozoic sediments in southern Kazakhstan. Nauch. trudy TashGU no.249. Geol.. nauki no.21:164-184 '64. (MIRA 18:5)

BIRYUKOV, M.D.; KOSTENKO, N.N.

Concerning the "Obayly" mammalian fauna of the Zaysan Depression. Vest. AN Kazakh. SSR 21 no.12:75-77 D '65. (MIRA 18:12)

KOSTENKO, N. P.

PA 30/49T67

USSR/Engineering May 48
Dredges
Construction Equipment

"A Hydromechanized Method for Building Approaches to the Darnitskiy Bridge," Ye. N. Radzevich, N. P. Kostenko, Engineers, 3 pp

"Mekh Trud i Tyazh Rabot" No 5

Describes use of suction dredge for building embankment, with two drawings, and seven photographs.

30/49T67

KOSTENKO, N.P., inzhener.

Insuring the stability of hydraulic fill embankments. Transp. strei. 5 no.8:7-9 O '55. (MLRA 9:1)
(Embankments)

KOSTENKO, Nikolay Pavlovich [Kostenko, M.]; SICHEVSKIY, Y. [Sychevs'kyi, I.], red.; NEDOVIZ, S., tekhn.red.

IEvheniia Dolyniuk. L'viv, Knizhkovo-zhurnal'ne vyd-vo, 1959. 23 p. (MIRA 13:1)
(Mel'nitsa Podol'skaya District--Corn (Maize))

KOSTENKO, N. P.

PA 55/49T56

USSR/Geology Dec 48
Tectonics
Petroleum Deposits

"Neotectonics of the Southwestern Terminus of the Gissarskiy Range," N. P. Kostenko, 4 pp

"Dok Ak Nauk SSSR" Vol LXIII, No 5

Neotectonics includes motion of earth's crust from second half of Tertiary era. Among a mass of data, states that petroleum deposits are found only in structures which began to be, or were, formed in relief in upheavals in the fourth period. Submitted by Acad I. F. Grigor'yev 20 Oct 48.

55/49T56

USSR/Geophysics - Seismology Oct 53

"Procedure for Studying the Neotectonic Movements in Connection With Seismicity," G.P. Gorshko and M.P. Kostenko

Vest Mos Univ, Ser Fizikomat i Yest Nauk, No 7, pp 79-84

Remark that in the past two years the Sci Res Inst of Geology, Moscow State University has been investigating the latest tectonic movement in West Turkmenia.

273T90

KOSTENKO, N. P. and GORSHKOV, G. P. Prof.

"Some Questions of the Methodology of Studying the Neotectonics of Mountainous Regions," a paper given at the All-University Scientific Conference "Lomonosov Lectures", Vest. Mosk. Un. No.8, 1953

Translation U-7895, 1 Mar 56

GORSHKOV, G.P.; KOSTENKO, N.P.

Method of studying neotectonic movements as related to seismicity. Vest.Mosk.un. 8 no.10:79-84 O '53. (MLRA 7:1)
(Turkmenistan--Geology, Structural) (Geology, Structural--Turkmenistan)

KOSTENKO, N. P.

USSR/Geology

Card 1/1 Pub. 22 - 29/45

Authors : Kostenko, N. P.

Title : Neotectonics of terrestrial deltas

Periodical : Dok. AN SSSR 99/4, 597-600, Dec 1, 1954

Abstract : Geomorphological data regarding the neotectonics of terrestrial deltas, are presented. Drawings.

Institution : The M. V. Lomonosov State University, Moscow

Presented by: Academician S. I. Mironov, July 24, 1954

KOSTENKO N.P.

Card 1/1 : Pub. 129-13/25

Author : Kostenko, N. P.

Title : The influence of the most recent upheavals upon the development of terrestrial deltas and river valleys

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, Vol. 10, 123-129, Feb 1955

Abstract : With the purpose of uncovering and delineating rising upheavals still not expressed in the form of elevations or still covered by Quaternary deposits, the author analyzed certain peculiarities governing the development of terrestrial deltas and river valleys in dependence upon the variation of the tectonic regime and inclination of the earthern surface of depressions. He studied the process of development of deltas for various conditions. Presented are the various types of deltas and types of delta migrations of various geological ages. No references.

Institution : -

Submitted : June 21, 1954

KOSTENKO, N.P.

Principles underlying the compilation of special geomorphological maps for studying recent tectonic developments in mountainous countries. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 12 no.2: 137-145 '57. (MIRA 10:10)

1.Kafedra dinamicheskoy geologii Moskovskogo universiteta.
(Geology--Maps)

KOSTENKO, N.P.

Method for studying and plotting local stratigraphic scales of later Tertiary and Quaternary molasses in mountainous countries. Nauch.dokl.vys.shkoly; geol.-geog.nauki no.1:214-217 '58.
(MIRA 12:2)

1. Moskovskiy universitet, geologicheskiy fakul'tet, kafedra dinamicheskoy geologii.
(Geology, Stratigraphic)

KOSTENKO, N.P.

Observations on gravitational deposits in the mountain-taiga zone:method of compiling specific geomorphological maps for practical purposes. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 13 no. 1:89-99 '58. (MIRA 11:7)

1. Moskovskiy gosudarstvennyy universitet, Kafedra dinamicheskkoy geologii.

(Taigas)
(Physical geography)

KOSTENKO, N.P.

Geomorphological study of river valleys in mountainous countries as exemplified by Kukhistan. Biul. Kom. chetv. per. no.22:73-90 '58. (MIRA 11:11)

(Kukhistan--Geology, Structural)

KOSTENKO, N.P.

Morphological manifestation of geological structures and structural elements in the relief. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.2:89-102 '59. (MIRA 13:4)

1. Kafedra dinamicheskoy geologii Moskovskogo gos. universiteta.

(Geology, Structural)

AUTHOR: Kostenko, N.P.

S/519/60/000/008/018/031
D051/D113

TITLE: Change in the inclinations of the Earth's surface and seismicity (the mountainous lands in the south of Central Asia serving as an example)

SOURCE: Akademiya nauk SSSR. Sovet po seysmologii. Byulleten', no. 8, Moscow, 1960. Voprosy seysmicheskogo rayonirovaniya, 150-156

TEXT: A study of the relationship between changes in surface relief and seismicity for the Pamirs, south-west Tien-Shan (Gissaro-Alay) and the Tadzhik Depression is conducted. A map is presented showing the transformation of the hydrographical system of the indicated area as a result of the change in surface inclination. It was compiled by the author in 1957 with the help of M.A. Goncharov. The author discusses the general development of the structural and corresponding orographic elements of the entire region, and then makes a detailed geological analysis of the surface relief of each area accompanied by data on epicenters and seismicity. The relief of the entire region owes its origin to two stages. The first stage, the incipient arched uplift (oligocene-miocene) resulted in the formation of two mountain massifs with an extensive conjugate depression filled with fine molassa; the relief was al-

Card 1/3

ready characterized by individual elevations and valleys. The final arched uplift (pliocene-pleistocene) formed a system of elevations and valleys, particularly water gaps, only partly coinciding with the old system. The conjugate depression was filled with coarse molassa. The article contains relief profiles, which distinctly reflect this development. The detailed analysis permitted two areas of increased density of seismic centers to be established. The northern area coincides with the boundary regions of the two mountain systems of the Pamirs and the Gissaro-Alay. The southern area lies immediately south of the central Pamir "depression". The sections of accumulation of deep epicenters and also of epicenters lying below the Earth's crust often correspond to (1) the boundaries of the transversal elevations and depressions of the Gissaro-Alay and the Pamirs;(2) the boundary zones between the mountain structures, and (3) the regions of abrupt change in direction of the structural elements of the Hindu Kush system. It is observed that not all intensely developing and clearly expressed elevations or depressions are seismically active. Seismicity depends on the concurrence of a number of factors accompanying the most recent development of the structural elements. The author specifies some structural conditions indicative of seis-

Change in the inclinations ...

micity. There are 2 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet, Geologicheskiy fakul'tet (Moscow State University, Geology Faculty)

Card 3/3

KOSTENKO, N.P.

Principles of charting a special geomorphological map; methods of geomorphological analysis of rocks. Trudy Kom.chetv.per. no.26: 20-34 '61. (MIRA 15:3)

(Geomorphology--Maps)

KOSTENKO, N.P.; CHISTYAKOV, A.A.

Some characteristics of the recent development of mountain troughs as revealed by the studies in the Zeravshan trough. Biul.Kom.chetv.per. no.27:107-117 '62. (MIRA 16:4)
(Zeravshan Range region--Geology)

KOSTENKO, N.P.

Characteristics of the morphological manifestation of the positive structural forms in piedmont and intermontane troughs. Neftegaz. geol. i geofiz. no.8:54-57 '63. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.

KOSTENKO, N.P.

Characteristics of the spatial distribution of high seismicity regions in Africa. Vest.Mosk.un. Ser.4: Geol. 20 no.2:30-38 Mr-Ap '65. (MIRA 18:5)

1. Kafedra dinamicheskoy geologii Moskovskogo universiteta.

KOSTENKO, N.P.

Recent tectonics of Africa as related to its seismicity.
Seism. issl. no.6:91-140 '65. (MIRA 18:9)

L 15884-66 EWT(1)/EWT(m)/T/EWP(t) IJP(c) JD/JG/GG
ACC NR: AP6001486 SOURCE CODE: UR/0368/65/003/006/0573/0575

AUTHOR: Kostenko, N. S.; Mokhir, Ye. P.; Mustafina, R. Kh. 40 B

ORG: None

TITLE: The effect of anion admixtures appearing during the growth of NaI(Tl) single crystals on their luminescent and scintillation properties

SOURCE: Zhurnal prikladnoy spektroskopii, v. 3, no. 6, 1965, 573-575

TOPIC TAGS: scintillator, scintillation, crystal phosphor, sodium compound

ABSTRACT: Admixtures of NaI(Tl) crystals can considerably worsen their scintillation characteristics. Consequently, the authors 1) studied by infrared transmission spectrum 20 mm thick NaI(Tl) crystals and found that they contain NaOH, $NaIO_3$, and Na_2CO_3 impurities; 2) established the curves of luminescence increase for samples grown in hermetically sealed containers and those in contact with air; and 3) determined the light yield and resolving power of the two types of crystals. An analysis of the results showed that the reduction to a minimum of anion admixtures increased the scintillation yield by a factor of two and improved the resolving power by 5—7%. Authors thank A. N. Panova and L. G. Eydel'man for their guidance. Orig. art. has: 4 formulas, 2 figures, and 1 table.

Card 1/2 UDC: 535.37

L 15884-66

ACC NR: AP6001486

SUB CODE: 18, 20 / SUBM DATE: 26Aug64 / ORIG REF: 002

Card 2/2

BATURICHEVA, Z.B.; GUREVICH, N.Yu.; TSIRLIN, Yu.A.; KOSTENKO, N.S.

Thermoluminescence of NaI (Tl) crystals. Ukr. fiz. zhur. 10 no.3:348-350 Mr '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov, Khar'kov.

RIO, B. del, kand.tekhn.nauk.; KOSTENKO, O., inzh.

Automation of control operations in classification yards. Vest. TSNII MPS 21 no.4:58-59 '62. (MIRA 15:6)

1. Institut kibernetiki AN USSR.
(Railroads—Hump yards) (Automatic control)

STEFANOV, N.Y., kand. tekhn.nauk, prof.; OLESHKO, Grigoriy Ivanovich, kand. tekhn.nauk,dots.; DEL RIO, Bernardo, kand. tekhn.nauk, dots.; GRITSENKO, V.I., inzh.; KOSTENKO, O.A., inzh.; PARKHOMENKO, N.V., inzh.; KULESHOV, V.M., inzh.; GONCHAROV, N.Ye., kand. tekhn. nauk, dots.; LESHCHINSKIY, A.A., kand. tekhn. nauk, dots.; DOLABERIDZE, A.M., doktor tekhn. nauk, prof.; ZLATKOVSKIY, V.N., kand. tekhn. nauk, dots.; DMITRIYEV, V.K., kand. tekhn. nauk, dots.; SHIPULIN, A.P., inzh.; SHISHLYKOV, Ye.S., red.

[Automation of the operation of hump yards using electronic computers] Avtomatizatsiia sortirovochnykh stantsii (s primeneniem vychislitel'nykh mashin. Moskva, Transport, 1964. 175 p. (MIRA 17:6)

21604

S/109/60/005/010/027/031
E033/E415

9.2584

AUTHORS: Berestovskiy, G.N. and Kostenko, O.A.

TITLE: A New Harmonic Oscillator Using Switched Elements

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol.5, No.10, pp.1743-1744

TEXT: The article describes an improved simple generator which produces sinusoidal oscillations at a frequency w (up to 400 kc/s) when driven by an external square-wave voltage of frequency w, w/3, w/5,... The external voltage is applied to the bases of two semiconductor switching triodes which are connected as in a voltage converter circuit. The switched wave output is transformer-coupled to a tuned circuit, the inductive element of which has a core material with a square hysteresis loop characteristic. To simplify the circuit, the coupling transformer is used as the inductive element. The instant the core saturates, the magnetizing, and hence the collector current, increases. The following formula is used to find the operating frequency

$$U = 4fwB_s Q 10^{-8}$$

Card 1/2

A New Harmonic ...

where U is the a.c. voltage across the inductive element; f is the oscillation frequency; B_s is the saturation flux density; Q is the cross-section of the core and w is the number of turns on the inductive element (half the collector winding turns). The waveforms of the generator are shown. There are 2 figures and 3 Soviet references.

SUBMITTED: May 11, 1960

Card 2/2

STEFANOV, N.Ya., kand. tekhn. nauk, prof.; OLESHKO, G.I., kand. tekhn. nauk, dots.; DEL RIO, B., kand. tekhn. nauk, dots.; GRITSENKO, V.I., inzh.; KOSTENKO, O.A., inzh.; PARKHOMENKO, N.V., inzh.; KULESHOV, V.M., inzh.; GONCHAROV, N.Ye., kand. tekhn. nauk, dots.; LESHCHINSKIY, A.A., kand. tekhn. nauk, dots.; DOLABERIDZE, A.M., doktor tekhn. nauk, prof.; ZLATKOVSKIY, V.N., kand. tekhn. nauk, dots.; DMITRIYEV, V.K., kand. tekhn. nauk, dots.; SHIFULIN, A.P., inzh.; SHISHLYKOV, Ye.S., red.

[Automation of the operation of hump yards (using electronic computers)] Avtomatizatsiia raboty sortirovochnykh stantsii (s primeneniem vychislitel'nykh mashin). Moskva Transport, 1964. 175 p. (MIRA 17:7)

ZELENAYA, Sh.A.; PANTELEY, T.I.; KOSTENKO, O.F.

Analysis of the reaction mixture obtained in the synthesis of amides. Zav. lab. 30 no.9:1077 '64. (MIRA 18:3)

1. Volgodonskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i proyektnogo instituta sinteticheskikh zhirozamenitelej.

KOSTENKO, O. R.

"The State of the Cardiovascular System in Neonates, Born in Asphyxia." Cand Med Sci, Kiev Order of Labor Red Banner Medical Inst imeni A. A. Bogomol'yets, Min Health Ukrainian SSR, Kiev, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

Kostenko, O. K., Mishchaya, S. YA., Filosofova, T. G., Shekhter, A. B., Milovanova, L. P., Berznitskaya, S. A. and Butskaya, L. K.

Study of the effectiveness of active immunization in whooping cough.

Materialy nauchnykh knoferenykh, Kiev, 1959. 280pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

SHNEYDER, M.S., kand.med.nauk; KOSTENKO, O.V.

Acute leukemia and pregnancy. Terap.arkh. 31 no.8:25-29 Ag '59.
(MIRA 12:11)

1. Iz kafedry propedevticheskoy terapii (zav. - dotsent M.I. Frankfurt) i kafedry akusherstva i ginekologii (zav. - prof. P.P. Sidorov) Stalinskogo meditsinskogo instituta.

(PREGNANCY compl.)
(LEUKEMIA in pregnancy)

KOSTENKO, P.

They justified the confidence of the members of the society. Voen.znan. 29 no.12 D '53. (MLRA 7:1)

1. Starshyy instruktor Kamenets-Podol'skogo oblastnogo komiteta Dosaafa. (Military education)

KOSTENKO, P. (g. Khmel'nitskiy)

In a progressive rural district. Voen. znan. 33 no.3:3 Mr '57.
(MLRA 10:6)

1. Zamestitel' predsedatelya oblastnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Plushnoye District--Military education)

MEZHENNIKOV, A., inzh.; KIZATOV, P., starshiy inzh. po tekhnicheskoy informatsii; GERASIMOV, Ye.; GORBANEV, V.; KOSTENKO, P.

Exchange of experience. Izobr.i rats. no.5:22 My '62. (MIRA 15:5)

1. Byuro tekhnicheskoy informatsii Karbyuratornogo zavoda, Leningrad (for Mezhennikov). 2. Kombinat "Sikhali", pos. Tetyukhe, Primorskiy kray (for Kizatov). 3. Chlen prezidiuma oblastnogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov, g. Irkutsk (for Gerasimov). 4. Sekretar' oblastnogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov (for Kostenko).
(Technological innovations)

KOSTENKO, P.

The most important section of our work. NTO 5 no.8:51-52 Ag '63.
(MIRA 16:10)

1. Predsedatel' soveta nauchno-tekhnicheskogo obshchestva razreza No.5 tresta "Volchanskubol'."

CHIKLEYEV, S.; PAVLOVSKIY, M. (Kemerovskaya obl.); BOCHKOV, A.; KHARITONOV, I.; ZOLOTENKOV, V. (Yakutskaya ASSR); KONOBEYEV, A. (Bazarno-Karabulanskiy rayon, Saratovskaya obl.); VOLKOV, I.; BESEDIN, S. (Omsk); NOVIKOV, P.; GRINEV, V.; SOLOPENKOV, P.; ALEKSEYEV, K.; TOLKOV, I. (Rostovskaya obl.); KOSTENKO, P.; NOVIKOV, A., instruktor profilaktiki (Shumerlya, Chuvashskaya ASSR)

Reader's letters. Pozh. delo 9 no.11:30-31 N '63.
(MIRA 17:1)

1. Nachal'nik pozharnoy okhrany Klinskogo kombinata, Klin, Moskovskaya obl. (for Chikleyev). 2. Vneshtatnyy pozharnyy inspektor, predsedatel' Simferopol'skogo rayonnogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (for Alekseyev). 3. Nachal'nik otdela Gosudarstvennogo pozharnogo nadzora, Sverdlovsk (for Kostenko).

14(1) SOV/67-59-6-10/26

AUTHOR: Kostenko, P. A.

TITLE: Manufacturing Method of Gasket Rings and Packers of the NZhK-4 Oxygen Pump

PERIODICAL: Kislorod, 1959, Nr 6, p. 53 (USSR)

ABSTRACT: A new method developed by the author for the manufacture of gasket rings for oxygen pumps is reported on. It is based on the following: Lamellar graphite is stirred in distilled water until it turns into a viscous paste into which an asbestos cord is immersed. The cord saturated with graphite is wound on the stamp mold, pressed into disks, and dried. For a more complete packing of the plunger the metal rings are replaced by two one-sided and one two-sided bottom boxes (Figure). Thus, freezing of the screwed nut of the packing box, and packing box itself, could be avoided, and the working time of pumps again considerably increased. The editor's office of the periodical invites readers to report practical experiences made with the described packing box to the VNIIKIMASh. There is 1 figure.

Card 1/1

KOSTENKO, P.G.; KUBIN, V.M.

Sudden death of a fou-year old girl from a brain tumor. Sud.-med. ekspert. 2 no.4:50-52 O-D '59. (MIRA 13:5)

1. Vinnitskoye byuro oblastnoy sudebnomeditsinskoy ekspertizy (nachal'nik - kand.med.nauk A.I. Mukhanov).
(BRAIN--TUMORS)

KOSTENKO, P. P.

S/147/59/000/04/030/030
E031/E415

AUTHOR: Zolotukhin, V.K.

TITLE: The Scientific-Technical Conference at Khar'kov Aviation Institute

PERIODICAL: Izvestiya Vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1959, Nr 4, pp 161-165 (USSR)

ABSTRACT: In May 1959, the 16th Conference of Professorial and Teaching Staff took place.

Strength of Aircraft Section.

"On the Theory of Bending of Thin-Walled Columns" by Docent, Candidate of Technical Sciences L.P.Kholmyanskiy

"The Simulation of Static Experiments on Thin-Walled Structures" by Candidate of Technical Sciences L.A.Kolesnikov and Senior Instructor V.K.Zolotukhin;

Card 5/11

"The Bending of Beams Framing an Opening" by Candidate of Technical Sciences L.A.Kolesnikov;

"The Influence of the Rigidity of Ribs and Beams on their Bending" by Assistant M.A.Shelomov; "The Calculation of the Bending of Rectangular Plate" by

"The Discrete Method" by Assistant Yu.P.Petrov;

"The Calculation of Cylindrical Shells by the Method of Discrete Variables" by Aspirant N.I.Gur'yev.

Engine Construction Technology Section.

"The Choice of a Scheme for a Hydraulic Servo-System for the Automation of Welding Processes" by Assistant V.V.Bolotskiy; "An Investigation of the Process of Polishing by an Abrasive Belt" by Senior Instructor, Candidate of Technical Sciences V.N.Vereshchil;

Card 6/11

Investigation of the Operation of a Pneumatic-Hydraulic Plant" by Assistant V.I.Bagiryan;

"A Static Analysis and Calculation of the Accuracy of the Technological Processes of Machining" by O.M.Parkhomenko; "The Automatic Welding of Long Panels" by Candidate of Technical Sciences L.F.Lemkov; "Prospects in the Use of Specialized Computers for the Determination of the Optimum Geometry of Cutting Tools" by Docent, Candidate of Technical Sciences V.F.Kobarnovskiy; "The Spreading of the Experience of Innovators and the Classification of Organizational-Technical Measures in Machine Construction" by Senior Instructor M.M.Apanovich; "Features of Measurable Abrasion of a Cutting Tool in Fine Sharpening" by Assistant V.N.Malikov; "An Investigation of the Process of Compression at High Velocities of Deformation" by Docent, Candidate of Technical Sciences A.K.Bayer; "The Standardization of Vibration Effects on the Human Organism in Aircraft Production" by Senior Instructor V.P.Ivanov.

Card 7/11

Theory and Construction of Aircraft Engines and Propeller-Driven Machines Section. "The Investigation of the Flow Between the Inlet and Outlet Valves of a Turbine" by Instructor, Candidate of Technical Sciences V.N.Yershov; "The Variation in the Stage Parameters of an Axial Compressor in Accordance with the Size of the Radial Clearance" by Assistant A.N.Antrushin; "On the Problem of Non-Stationary Heat Transfer" by Assistant A.P.Frolov; "The Influence of an Electric Field on the Flame of a Burner" by Senior Engineer P.P.Kostenko; "Calculation of the Temperature Compensation of Capacitance Pressure Pick-Ups" by Assistant L.Ya.Astaf'yev.

Aerohydrodynamics Section.

"Ideal Hypersonic Flow Round a Body" by Assistant V.I.Kholyavko; "The Control of the Boundary Layer of a Wing by Perforation of the Leading Edge" by Assistant Ye.P.Vechnaya; "The Gas-Hydraulic Analogy and its Application" by Senior Instructor D.A.Minshtukov; "The Aerodynamic Investigation of Wing Profiles for Small Reynolds Numbers" by Engineer Yu.F.Dyak.

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1. KOSTENKO, P.P.

2. USSR (600)

4. Horses - Diseases

7. Blood transfusion from mare to foal as therapy for colibacillosis in colts, Konevodstvo 23 no. 5, 1953.

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

41313

S/170/62/005/010/006/009
B104/B186

AUTHORS: Potapenko, A. Ye., Kostenko, P. P.

TITLE: Effect of an electric field on a flame

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 10, 1962, 73 - 76

TEXT: It is sought to improve the break-off characteristics of a burner by applying a constant electric field. The experiments were made with a "Pyrex"-glass nozzle burner with a nozzle of 9.8 mm. Inside the burner, at a distance of 26 mm from its orifice a central electrode was used and outside it a ring electrode of 32 mm diameter; the distance between the latter and the orifice being varied during the experiments. A mixture of air and ethyl alcohol was burned at 100°C. At d-c voltages between 10 and 35 kv and with different polarities of the two electrodes, the air supply was increased until the flame broke off. When the ring electrode was placed directly at the orifice (h=0) and a negative field (in relation to the central electrode) was applied, the air supply had to be considerably increased to break off the flame at a given fuel consumption. A positive polarity of the central electrode impaired the break-off characteristics.

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Effect of an electric field...

The results when the ring electrode was placed at a distance of h = 16 mm from the orifice of the burner were quite different. With either type of polarity the velocity at which the flame broke off increased with the voltage applied. It could be proved by Michelson's schlieren method that the inner flame cone and the normal propagation rate of the flame do not change when an electric field is applied. The effects observed are explained by different directions of the flow of charged gas particles. Inferior mixing with air and an increased velocity gradient on the burner wall ought consequently to impair the break-off characteristics, too. Further studies into the effect of an electric field on the break-off characteristics were made with a brass burner of 27 mm diameter, enclosed in a low-pressure chamber. There are 3 figures.

SUBMITTED: April 12, 1962

Card 2/2

Card 1/1 UDC: 533.95:538.4

POTAPENKO, A.Ye.; KOSTENKO, P.P.

Effect of an electric field on a flame. Inzh.-fiz. zhur. 5 no.10: 73-76 O '62. (MIRA 15:12)
(Flame) (Electric fields)

107-58-6-16/58

AUTHOR: Kostenko, S., Member of the Stalino Oblast' DOSAAF Radio Club

TITLE: "Fox" Hunters. (Okhotniki na "lis".) Get Ready! (Na start!)

PERIODICAL: Radio, 1958, Nr 6, pp 12-13 (USSR)

ABSTRACT: The so-called "fox hunting" competitions (detection of hidden radio stations by radio) became a popular sport for Soviet radio amateurs. In 1958 such competitions will be held on an All-Union level and careful preparation of the equipment and physical training are necessary. The author briefly mentions the different types of receivers which may be used for this purpose depending on the wave ranges used. He then gives some advice how the hidden radio station is to be detected. Radio amateurs participating in "fox hunts" should prepare themselves for the physical strain involved in this activity, since they are usually required to run 10 km or more at a rather high speed.

Card 1/1 1. Radio-Detection