SAVCHENKO, P.S., kandidat khimicheskikh nauk (Kiyev)

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1. Iz Ukrainskogo instituta kommunal'noy gigiyeny.

(IODINE,
in soil & water in Russia)
(WATER SUPPLY,
iodine content in Russia)
(SOIL,
iodine content in Russia)

SAVCHENKO, P.S.

Iodine map of the Ukrainian SSR. Dokl. AN SSSR 108 no.5:889-891 Je '56. (MLRA 9:10)

1. Ukrainskiy institut kommunal'noy gigiyeny. Predstavleno akademikom A.G Betekhtinym.
(Ukraine--Iodine)

SAVCHENKO, P.S.

Iodine content of waters in the Ukrainian S.S.R. Trudy Biogeokhim. lab. no.11:128-131 '60. (MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy gigiyeny.
(UKRAINE—WATER—COMPOSITION) (IODINE)

SAVCHENKO, Panteleymon Spiridonovich, kand. khim. nauk; DYATLOVITSKAYA, Frida Grigor'yevna, kand. khim. nauk; YAROSHENKO, Vasiliy Andreyevich, kand. med. nauk; AL'BOVA, Yevgeniya Alekseyevna, kand. med. nauk; GABOVICH, R.D., red.; LEVCHUK, A.O., tekhn. red.

[Methods of chemical and microbiological analysis of water] Metody khimicheskogo i mikrobiologicheskogo analiza vody. [By] P.S.Savchenko i dr. Kiev, Gosmedizdat USSR, 1961. 197 p. (MIRA 15:9)

(WATER--ANALYSIS) (WATER--MICROBIOLOGY)

SAVCHENKO, P. Ye.

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(Veterinary pathology) (Protasenia, T.P.)
(Maraev, P.V.)

SAVCHENKO, P. Ye.

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1. Iz Chernigovskogo zooveterinarnogo tekhnikuma.

(CHERNIGOV PROVINCE—LIVER FLUKE)

SAVCHENKO, P.Ye.

Epidemiology and epizootology of trichinosis in Chernigov and Sumy Provinces. Med.paraz.i paraz.bol. no.3:311-313 '62. (MIRA 15:9)

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(CHERNIGOV PROVINCE—TRICHINA AND TRICHINOSIS)
(SUMY PROVINCE—TRICHINA AND TRICHINOSIS)

ZINOV'YEV, B.S.; KAS'YANOV, A.F.; LAPSHIN, I.I.; SHARAFUTDINOV, M.;
LUZYANIN, D. Kh.; BRYUSHKOV, P.N.; SAVCHENKO, P. Ye.;
KOSOVER, S.I.; SHUL'MAN, I.Ye.; LAPSHIN. I.I.

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GREBEN', L.K., akademik; BAYDUGANOVA, Ye.P., nauchnyy sotr.; SAVCHENKO, P.Ye., kand. biol. nauk; GREBEN', Ye.K., kand. sel'khoz. nauk; KRYLOVA, L.F., nauchn. sotr.; SIDOROVA, L.M., nauchn. sotr.; SOROKINA, V.I., nauchn. sotr.; BAGMET, M.I.; LAZORENKO, Ye.L.; KHOKHLYUK, A.G.; PASHKEVICH, M.K.; BRYZHNIK, K.A.; LUZHKOV, M.A., kand. sel'khoz. nauk; BALASHOV, N.T., kand. sel'khoz. nauk; ZHELIKHOVSKIY, V.I., redaktor; POTOTSKAYA, L.A., tekhn. red.

[Ukrainian White Steppe swine] Ukrainskaia stepnaia belaia poroda svinei. Pod obshchei red. L.K.Grebenia. Kiev, Gossel'khozizdat USSR, 1962. 252 p. (MIRA 16:5)

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(Ukraine--Swine breeding)

SAVCHENKO, P.Ye.

Morphology of Trichinella in a host organism. Veterinariia 40 no.4:54-55 Ap '63. (MIRA 17:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut zemledeliya.

SAVCHENKO, P. Ye.

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Use of economical criteria in the selection of an optimum variant in power engineering. Trudy MEI no.54:37-52 '64. (MIRA 17:12)

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SAVCHENKO, Sergey Grigor'yevich; ZATSEPILIN, V.G.[Zatsepilin, V.H.], kand. ekonom. nauk, dots., otv. red.; SKRIPNIK, V.T., [Skrypnyk, V.T.], red.; MATVIICHUK, O.A., tekhn. red.

[Man is the most important productive force of human society] Liudyna - holovna produktyvna syla suspil'stva. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1962. 43 p. (MIRA 15:11)

(Economics) (Work)

SAVCHENKO,S.

Practices at storage points. Muk.-elev.prom.21 no.8:24-25 Jl[Ag] '55. (MLRA 8:12)

1. Omskaya kontora Zagotzerno
(Grain elevators)

SAVCHENKO, S.

Defects in the design of precast concrete granaries. Muk.-elev. prom. 22 no.4:30 Ap '56. (MLRA 9:8)

1. Zamestitel' upravlyayushchego Omskoy kontoroy Zagotzerno.
(Granaries) (Precast concrete construction)

SAVCHENKO, S.; LERNER, Ya.

Grain receiving station with cleaner. Muk.-elev.prom 22 no.9:8-9 S '56. (MLRA 10:8)

1.Zamestitel' upravlyayushchego Omskoy kontoroy Zagotzerno (for Savchenko). 2. Glavnyy inzhener Omskoy kontory Zagotzerno (for Lerner).
(Grain elevators)

SAVCHENKO, S.

Fully equipped to receive the new grain crop. Muk.-elev. prom. 24 no.10:6-7 O '58. (MIRA 11:12)

1.Omskoye upravleniye khleboproduktov.
(Omsk Province--Granaries--Equipment and supplies)

SAVCHENKO, S.

Housing construction plan has been exceeded. Muk.-elev.prom. 25 no.3:12 Mr '59. (MIRA 12:6)

1. Omskoye upravleniye khleboproduktov.
(Omsk Province--Housing)

SAVCHENKO, S.

Problems of further improvement in the management of grain receiving enterprises. Muk.-elev. prom. 28 no.10:28-30 O '62. (MIRA 16:1)

1. Omskoye upravleniye khleboproduktov.
(Omsk Province--Grain handling)

SAVCHENKO, S.

Grain testing laboratory. Muk.-elev.prom. 29 no.1:26 Ja '63.
(MIRA 16:4)

1. Glavnyy inzhener Omskogo upravleniya khleboproduktov.
(Omsk region--Grain--Testing)

SAVCHENKO, S.

A brochure on continuous receiving and processing of grain. Muk.-elev. prom. 29 no.7:31 Jl '63. (MIRA 17:1)

1. Zamestitel' nachal'nika Omskogo oblastnogo upravleniya khleboproduktov.

SAVCHENKO, S., general-mayor; KOZLOV, D., polkovnik

Ways to increase fire skill. Voen.vest. 39 no.6:65-71 Je '60.
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(Shooting, Military)

SAVCHENKO, S., general-mayer; GRECHIKHIN, A., polkovnik

Attack on armored carriers (company tactical drill with field firing). Voen.vest. 42 no.5:47-52 My '62. (MIRA 15:11)
(Attack and defense (Military science))
(Armored vehicles) (Shooting, Military)

SAVCHENKO, S., general-mayor

Company tactical exercises with combat fire. Voen.vest. 39 no.5: 41-53 My '60. (MIRA 14:2)
(Tactics—Problems, exercises, etc.)

SAVCHENKO, S., general-mayor

Fire from armored transports. Voen.vest. 40 no.2:102-107 F '61.
(MIRA 14:2)

(Tank warfare)

SUDACHEK T.N.; SAVCHENKO, S.A.

Sugar beets for the production of sugar and feeds. Sakh.prom. 36 no.9:19-21 S '62. (MIRA 16:11)

1. Kolkhoz imeni Lenina Bershadskogo rayona Vinnitskoy oblasti.

SAVCHENKO, S. M.

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180 p. illus.

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Machinery - Maintenance and Repair

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SAVCHENKO, S.M.; KRUTOV, A.N., redaktor; CHISTYAKOVA, A.V., tekhnicheskiy redaktor

[Machining parts on metal-cutting tools with cutters designed by V.A.Kolesov] Obrabotka detalei na metallorezhushchikh stankakh instrumentami s geometriei V.A.Kolesova. Moskva, Gos. izd-vo oboronnoi promyshlennosti. 1953. 86 p. (MLRA 7:10)
(Metal cutting) (Machine tools)

SAVCHENKO, S.M., red.; SUKHAREVA, R.A., tekhn.red.

[Collected annotations of efficiency suggestions and technological innovations in the manufacture of machines] Sbornik annotatsii ratsionalizatorskikh predlozhenii i tekhnicheskikh usovershenstvovanii v mashinostroenii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn.znanii RSFSR. No.3. 1958. 113 p. (MIRA 13:4)

1. Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F.E.. Dzerzhinskogo.
(Machinery industry--Technological innovations)

TRET'YAKOV, N.N., kand.sel'skokhozyaystvennykh nauk; SAVCHENKO, S.M.

Preservation of shelled forage corn. Zhivotnovodstvo 23 no.8:52-53 Ag '61. (MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov imeni V.R.Vil'yamsa (for Tret'yakov). 2. Starshiy agronom Upravleniya semenovodstva Ministerstva sel'skogo khozyaystva SSSR (for Savchenko).

(Corn (Maize)) (Ensilage)

SAVCHENKO, Sergey Mikhaylovich; VOLKOV, P.N., red.

[Remodeling grain receiving enterprises] Rekonstruktsiia khlebopriemnykh predpriiatii. Moskva, Goskomzag SSSR, 1963. 69 p. (MIRA 17:10)

SOBOLEV, S.S., prof., doktor sel'skokhozyaystvennykh nauk, MALYSHKIN, M.M.; SAVCHENKO, S.M.; RODIONOV, V.S.

Effectiveness of cultivation practices in the control of dust storms. Zemledelie 8 no.10:55-61 O '60. (MIRA 13:10)
(Dust storms) (Soil conservation)

SAVCHENKO, S.N.

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SAVCHENKO, S.N., kand.med.nauk (Kiyev, ul. Konstantinovskaya, d. 32, kv.18)

Some liver function tests before and after surgery for peptic ulcer. Nov.khir.arkh. no.6:85-88 N-D '58. (MIRA 12:3)

1. Kafedra gospital'noy khirurgii (zav. - prof. N.Ye. Dudko) Kiyevskogo meditsinskogo instituta.
(PEPTIC ULCER)
(LIVER)

KARIMOV, Z.N.; SAVCHENKO, S.S.; YEDLICHKA, A.E.

Picture of peripheral blood and its coagulation time in rabbits with a transplanted osteogenic sarcoma. Trudy Inst. kraev. eksper. med. no.5:184-187 '63. (MIRA 17:6)

SAVCHENKO, Sergey Vladimirovich; KUZNETSOVA, Ye.B., redaktor; MURASHOVA, N.Ya., tekhnicheskiy redaktor

[Photoelectric effect and its technical uses] Fotoelektricheskii effekt i ego tekhnicheskie primeneniia. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 115 p. (MIRA 10:1)
(Photoelectricity)

SAVCHENKO, S.Ye.

Determination of the specific gravity of saline soils by a volumetric method in kerosene. Dokl.AN Tadzh.SSR 2 no.1: 19-25 '59. (MIRA 13:4)

1. Khimicheskaya laboratoriya Instituta "Tadzhikgiprovodkhoz" Ministerstva vodnogo khozyaystva Tadzhikskoy SSR. Predstavleno chlenom-korrespondentom AN Tadzhikskoy SSR V.A.Starikovym.
(Soils--Analysis) (Specific gravity)

YAKOBSON, G.G.; PETROVA, T.D.: KANN, L.I.; SAVCHENKO, T.I.; PETROV, A.K.; VOROZHTSOV, N.N., mladshiy

Production of fluorinated heterocyclic compounds from hexafluorobenzene. Dokl. AN SSSR 158 no.4:926-928 O '64.

(MIRA 17:11)

1. Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR. 2. Chlen-korrespondent AN SSSR (for Vorozhtsov).

YEGOROVA, Ye.K.; SAVCHENKO, T.M.

A case report of burns of the stomach. Khirurgiia 35 no.7:120-122 Jl '59. (MIRA 12:12)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
(HYDROCHLORIC ACID, effect, injurious)
(STOMACH, wounds & injuries)

SMOLOVSKIY, S.I.; SAVCHENKO, T.M.

Commissurotomy in mitral stenosis. Kaz.med.zhur. 40 no.5: 69-71 S-O '59. (MIRA 13:7)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR, prof. A.A. Vishnevskiy).

(MITRAL VALVE--SURGERY)

KRAKOVSKIY, N.I., prof. ; SAVCHENKO, T.V.

Surgical treatment of giant elephantiasis of the scrotum and penis. Urologiia 28 no.3:56-57 '63 (MIRA 17:2)

1. Iz 4-go khirurgicheskogo otdeleniya (zav. - prof. N.I. Krakovskiy) Instituta khirurgii imeni A.V.Vishnevskogo (dir.- prof. A.A. Vishnevskiy).

PAVLOV, M.; MEYLAKHS, M.; NOVOBYTOV, A.; SAVCHENKO, V., inzh.

From foreign sources. Grazhd.av. 20 no.12:30-31 D '63.(MIRA 17:2)

SAVCHENKO, V.

Participation of a Latvian corps in fights against German fascist troops in Kurzeme from December 1944 to May 1945. Vestis Latv ak no.10:13-24 '61.

1. Akademiya nauk Latviyskoy SSR, Institut istorii.

(Kurzeme--World War, 1939-1944--Campaigns)

SAVCHENKO, V.

Eliminate shortcomings in paying bonuses for creating and introducing new machinery. Sots.trud 7 no.7:55-56 Jl '62. (MIRA 15:8)

1. Glavnyy inzh. proyektno-konstruktorskogo byuro Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta.
(Railroads--Technological innovations) (Bonus system)

SAVCHENKO, V., podpolkovnik, kand.tekhn.nauk

Future of airplane piloting. Av.i kosm. 45 no.10:59-61 '62.
(MIRA 15:10)

(Airplanes—Piloting)

SAVCHENKO, V.

Review of literature on the history of the Latvian S.S.R. during the Great Patriotic War. Izv. AN Latv. SSR no.5:137-144 '62. (MIRA 16:7)

(Bibliography--Latvia--World War, 1939-1945)
(Latvia--World War, 1939-1945--Bibliography)

MAYBORODA, P.; SAVCHENKO, V.

Centralization and function of automotive transportation units.
Avt. transp. 42 no.8:18 Ag '64. (MIRA 17:10)

Savchenko, V.A.

ANDREYEV, M.N. (st. Bezlyudnoye, Omskaya doroga); SAVCHENKO, V.A., master uchastka energosnabzheniya (st. Bezlyudnoye, Omskaya doroga).

Flash back indicator. Elek. i tepl. tiaga no.2:34 F '57. (MLRA 10:5)

(Electric railroads--Substations)

ANDREYEV, M.N.; SAVCHENKO, V.A.

Increase in the dependability of protection equipment used at traction substations. Elek. i tepl. tiaga 2 no.10:29-30 O '58. (MIRA 11:11)

(Electric railroads--Substations)

SAVCHENKO, V.A., inzh.

Why is it necessary to cut the neutral element? Elek. i tepl. tiaga 4 no.2:16-17 F '60. (MIRA 13:6)
(Electric discharges) (Lightning protection)

SAVCHENKO, V.A.

Parental conference as one of the forms of health education. Zdrav. Ros.Feder. 3 no.12:35-36 D '59. (MIRA 13:4)

1. Iz detskoy klinicheskoy bol'nitsy TSentral'nogo rayona Omska (glavnyy vrach T.N. Kozlova) i kafedry detskikh bolezney (zaveduyushchiy - dotsent V.P. Bisyarina) Omskogo meditsinskogo instituta.
(PARENT AND CHILD) (HEALTH EDUCATION)

BISYARINA, V.P., dotsent; SAVCHENKO, V.A.; KHLYNOVA, Z.N.; FEDINA, Ye.A.; DVORTSOVA, Z.I.; GLADYSHEVA, A.M.

Treatment and prophylaxis of rickets in children by massive doses of vitamin D at a district medical center. Vop.okh.mat. i det. 4 no.6:64-67 N-D '59. (MIRA 13:4)

1. Iz kafedry detskikh bolezney Omskogo meditsinskogo instituta imeni M.I. Kalinina i Detskoy gorodskoy klinicheskoy bol'nitsy.
(VITAMINS--D) (RICKETS)

BISYARINA, V.P.; SAVCHENKO, V.A. (Omsk)

Work practice of the antirheumatic section in a pediatric polyclinic.
Sov. zdrav. 19 no.6:60-62 '60. (MIRA 13:9)

1. Iz kafedra detskikh bolezney Omskogo meditsinskogo instituta im. M.I.Kalinina i ob"yedinennoy detskoy klinicheskoy bol'nitsy No. 1.

(RHEUMATIC FEVER)

SAVCHENKOV, V.A., kand.tekhn.nauk

Automatic welding of aluminum. Trudy NIIKHIMMASH no.26: 45-57 '58. (MIRA 13:7)
(Aluminum—Welding)

36812
S/137/62/000/004/167/201
A154/A101

12300

AUTHORS: Savchenkov, V.A.; Trubilko, V.I.

TITLE: Manual and semiautomatic electroslag welding

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 26, abstract 4E130 (Sb. "Mekhaniz. i avtomatiz.", Khar'kov, Knigoizdat, 1960, 317 - 325)

TEXT: Experimental data are given on development of a technology for the manual and semiautomatic electroslag welding of up to 500 mm long welds in parts with a wall thickness of 25 - 65 mm. Manual electroslag welding is done with 6 mm bare electrode wire. For welding low-carbon steel Cb-10ГС (Cb-10GS) or Cb-08A (Cb-08A) wire and АН-348А (AN-348A) flux may be used. Power is supplied by a ТСД-1000 (TSD-1000) type transformer. Welding is done by an electrode comb (grebenka elektrodov) consisting of 2 - 3 rods, depending on the metal thickness. A ПШ-5 (PSh-5) semiautomatic welder was used for semiautomatic electroslag welding. Without a lengthened nozzle the semiautomatic welder could weld 100 - 120 mm high seams; for seams up to 500 m the nozzle should be $\geqslant$ 600 mm. A TSD-1000 transformer fed the arc. For welding grade 3 steels, 2 mm Cb-08A and Cb-10Gs welding wire and AN-348A flux was used. Parts with up to 45 mm thick walls were welded

Card 1/2

S/137/62/000/004/167/201
A154/A101

Manual and semiautomatic electroslag welding

with one electrode wire, when the wall thickness is 45 - 65 mm 2 wires should be used, for which purpose the guiding nozzle should have 2 channels.

V. Klyuchnikova

[Abstracter's note: Complete translation]

4

Card 2/2

SAVCHENKO, V.A., kand.tekhn.nauk; TRUBILKO, V.I., inzh.

Oxygen cutting with natural gas. Svar.proizv. no.9:26-28 S '60. (MIRA 13:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov.
(Gas welding and cutting)

SAVCHENKO, V.A., kand.tekhn.nauk; TRUBILKO, V.I., inzh.

Electric slag welding by consumabel electrodes of stator shells for electric machines. Svar. proizv. no.5:30-31 My '61. (MIRA 14:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov.
(Electric welding) (Motors, Induction--Welding)

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A006/A106

1.2300

AUTHORS: Savchenkov, V.A., Candidate of Technical Sciences, Trubilko, V.I., Engineer

TITLE: Resistance against intercrystalline corrosion of thin-sheet stainless steel joints, welded in carbon dioxide

PERIODICAL: Svarochnoye proizvodstvo, no 6, 1961, 28 - 30

TEXT: The authors tested intercrystalline corrosion strength of 1 - 3 mm thick stainless 1Kh18N9T (1Kh18N9T) steel. The tests were made in accordance with methods A and AM of GOST 6032-58. Specimens for the tests were cut out of 3 mm thick plates, butt welded by one- and two-sided cross seams with d-c of reverse polarity on the A-547 semi-automatic machine. Св -1Х18Н9Т (Sv-1Kh18N9T) 1 mm-wire was used. Welding current was 115-125 amps; arc voltage 19-20 v, welding speed 25-27 m/hour; carbon dioxide consumption 6-8 l/min. The chemical composition of the steel, the welding wire and the weld metal is given in Table 1. Intercrystalline corrosion tests were made according to method A (continuous boiling for 72 hours in a solution of 110 g $CuSO_4 \cdot 5H_2O$; 55 ml H_2SO_4 of 1.835 density; 1 liter of water) and method AM (continuous boiling for 24 hours in a solu-

Card 1/2

		1,20	0,47	18,08	9,36	0,31		

SAVCHENKO, V.A., inzh.

Independent automatic repeater switch-on of the sectionalization satation. Elek. i tepl. tiaga 7 no.9:29-30 S '63. (MIRA 16:10)

L 45630-65 EPA(s)-2/EWT(m)/EPF(n)-2/EWP(t)/EPA(bb)-2/EWP(b) Pt-7/Pu-4 IJP(c)
JD/WW/JG
ACCESSION NR: AP5006471 S/0294/65/003/001/0070/0074

39
35
B

AUTHOR: Shpil'rayn, E. E.; Savchenko, V. A.

TITLE: Effect of alkali additives on the electric resistivity of lithium 27

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 1, 1965, 70-74

TOPIC TAGS: lithium, electric resistivity, alkali additive, impurity effect, temperature dependence

ABSTRACT: In view of the lack of published experimental data, the authors have attempted to calculate the values of the additional resistances brought about by impurities in lithium. The calculation consisted essentially of an extrapolation of the scheme proposed by Friedel (Phil. Mag. v. 7, 43, 153, 1952) to the region of higher temperatures, under the assumption that the temperature dependence of the additional resistance is due only to the temperature change in the specific densities of the components constituting the solution. As a result, semi-empirical rules are derived, which make it possible to estimate the additional resistances as functions of the impurity concentration and the temperature. It is concluded

Card 1/2

L 45630-65

ACCESSION NR: AP5006471

also that the main premises of the electron theory of solids can be extended to include the liquid state of metals. Specific calculations are made for the additional resistances due to admixture of sodium and potassium in liquid lithium. Orig. art. has: 2 figures, 5 formulas, and 2 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut vysokikh temperatur (Scientific Research Institute of High Temperatures)

SUBMITTED: 04Jul64 ENCL: 00 SUB CODE: EM, MM

NR REF SOV: 003 OTHER: 010

Card 2/2

SHPIL'RAYN, E.E.; SAVCHENKO, V.A.

Effect of alkaline admixtures on the electric resistance of lithium. Teplofiz. vys. temp. 3 no.1:70-74 Ja-F '65. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur.

SAVCHENKO, V.F., inzh.

Redesigning of the jet reversible kiln. Der.prom. 11 no.1:17-18 Ja '62. (MIRA 15:1)

1. Krasnodarskiy mebel'no-derevoobrabatyvayushchiy kombinat. (Kilns) (Lumber--Drying)

DENISOV, Viktor Grigor'yevich; ZELENKOV, S.V., inzh., retsenzent; VOROB'YEV, L.M., kand. tekhn. nauk, red.; ODINTSOV, V.A., kand. tekhn. nauk, red.; SAVCHENKO, V.F., kand. tekhn. nauk, red.; ODEROV, I.A., red.izd-va; KARPOV, I.I., tekhn. red.

[Aircraft navigation instruments] Navigatsionnoe oborudovanie letatel'nykh apparatov. Moskva, Oborongiz , 1963. 383 p. (MIRA 16:5)
(Aeronautical instruments)

SAVCHENKO, V. F.

SAVCHENKO, V. F.: "The local population of red colver in western portions of Belorussia." Acad Sci Belorussian SSR. Inst of Socialist Agriculture. Minsk, 1956.
(Dissertation for the degree of Candidate in Agricultural Sciences.)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

USSR/Cultivated Plants - Fodders.

M.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74157

Author : Savchenko, V.F.

Inst : AS BelorussianSSR

Title : The Red Clover of the Western Regions of Belorussia.

Orig Pub : Izv. AN BSSR, Ser. biol. n., 1956, No 4, 41-49

Abstract : The study of 453 specimens of the local red clover conducted at the experimental base of the Agricultural Institute of the Academy of Sciences of the Belorussian SSR from 1951 to 1954 and a survey of the sowings established that the early maturing population of red clover in the western regions of Belorussia are similar to the Slutsky red clover with regard to the economic-biological characteristics and properties. On the basis of availabel general characteristics of the clover of the Gresskiy, Kopilskiy,

Card 1/2

SAVCHENKO, V. F.: Master Agric Sci (diss) -- "Local populations of red clover of the western regions of Belorussia". Minsk, 1959. 18 pp (Acad Agric Sci Beloruss SSR, Beloruss Sci Res Inst of Agric), 150 copies (KL, No 14, 1959, 122)

SAVCHENKO, V.F.

Best varieties of vegetables for White Russian canning industry. Kons. i ov. prom. 14 no.7:24-25 Jl '59. (MIRA 12:9)

1. Belorusskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.
(White Russia--Vegetables--Preservation)

SAVCHENKO, V.F.; KHARLAMOVA, A.I., mladshiy nauchnyy sotrudnik

Operation of a device for rapid determination of the technical ripeness of green peas. Kons. i ov. prom. 14 no.7:41-42 Jl '59. (MIRA 12:9)

1.Ispolnyayushchiy obyazannosti zaveduyushchego laboratoriyey ovoshchnogo i plodo-yagodnogo syr'ya Belorusskogo nauchno-issledovatel'skogo instituta pishchevoy promyshlennosti (for Savchenko). 2.Laboratoriya ovoshchnogo i plodo-yagodnogo syr'ya Bleorusskogo nauchno-issledovatel'skogo instituta pishchevoy promyshlennosti (for Kharlamova).
(Peas)

SAVCHENKO, V.F.; POLYAKOVA, N.A.; GOMEL'KO, A.M.; KHARLAMOVA, A.I.

Promising varieties of vegetable cultures for the canning industry of White Russia. Trudy BNIIPPT no.4:145-150 '61.

(MIRA 17:10)

SAVCHENKO, V.F.; POLYAKOVA, N.A.; GOMEL'KO, A.M.

Potentials for increasing the fruit and berries resources for the canning industry of White Russia. Trudy BNIIPPT no.4:151-157 '61.
(MIRA 17:10)

KURSANOVA, I.A.; SAVCHENKO, V.G.

Brief climatic characteristics of Komandorskiye Islands. Trudy NIIAK no.17:58-86 '62. (MIRA 16:10)

1. Kamchatskoye upravleniye gidrometeorologicheskoy sluzhby.
(Komandorskiye Islands--Climate)

ACC NR: AT6033810 SOURCE CODE: UR/3052/66/000/006/0137/0146

AUTHOR: Savchenko, V. G. (Kiev);

ORG: none

TITLE: The stress state of a viscoelastic nonuniformly heated cylinder with a star-shaped cavity 24

SOURCE: Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh konstruktsiy 6th, Kiev, 1966. Teplovyye napryazheniya v elementakh konstruktsiy (Thermal stresses in construction elements); doklady soveshchaniya, no. 6. Kiev, Naukova dumka, 1966, 137-146

TOPIC TAGS: ~~solid fuel rocket, solid fuel charge, charge, stress state~~ cylindric shell structure, stress analysis, stress distribution

ABSTRACT: A theoretical solution is derived for determining the state of stress of a long solid cylinder with a star-shaped central cavity having an arbitrary number of rays (see Fig. 1). The stresses are caused by a plane stationary temperature field and by a uniformly distributed pressure on the internal and external surfaces. The cylinder material is assumed to be homogeneous and its mechanical characteristics only insignificantly dependent on temperature. Under these assumptions, a solution to the problem is obtained by the N. I. Muskhelishvili method using functions of a

Card 1/3

ACC NR: AT6033810

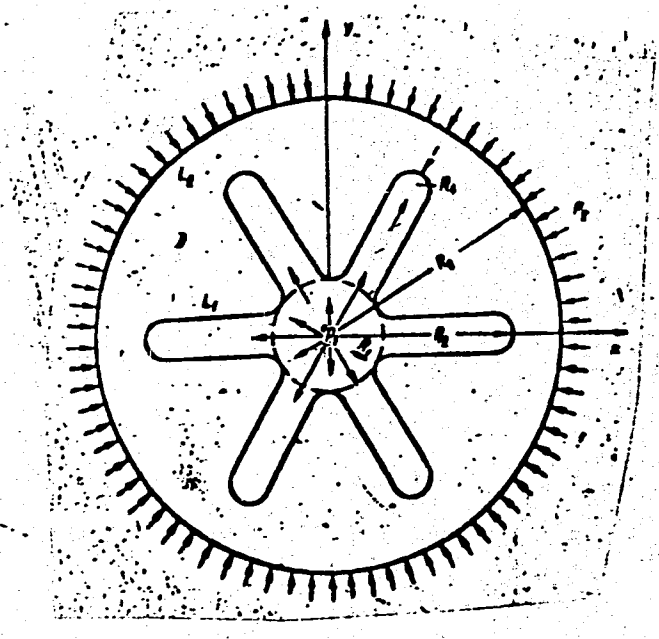


Fig. 1. Stress state of non-uniformly heated cylinder

Card 2/3

SAVCHENKO, V.I.

Defect in enameled steel products, called "fish scale", and the causes of its formation. Trudy LTI no.49:149-164 '58. (MIRA 15:5)

(Enameled ware)

SAVCHENKO, V. I.

26579
S/081/61/000/013/016/028
B110/B205

AUTHORS: Sychev, R. B., Kulyashov, V. F., Vol'f, M. B., Danilov, I. P., Gladkiy, A. M., Savchenko, V. I.

TITLE: The inflammation limits of various pure hydrocarbons at lowered pressures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1961, 525, abstract 13Zh208 (Tr. Bashkirsk. n.-i. in-t po pererabotke nefti, 1960, vyp. 4, 113 - 119)

TEXT: The authors determined the inflammation limits of mixtures of n-heptane, iso-octane (2,2,4-trimethyl pentane) and toluene with air. The experiments were performed at a temperature of 200°C in a chamber of 70 mm internal diameter and 170 mm length, in which an inflammation device and a grid for stabilizing the flame were installed. The gas mixture had a constant velocity of about 10 m/sec in all experiments. The inflammability of each vapor - air mixture was characterized by: a) the region range of steady inflammation; b) the region range with individual extinctions and pulsations of the flame; and c) by the limits of

Card 1/2

The inflammation limits...

concentration at which the flame of a previously ignited mixture disruptured. It was shown that the inflammation limits of hydrocarbons with similar physical properties differ due to their different chemical structures, especially in the case of poor mixtures. The limits of inflammability approach each other with decreasing pressure. This is most distinct at a pressure of < 0.5 At at. The minimum limiting pressure limit is 0.21 - 0.22 At at for practically all hydrocarbons investigated. [Abstracter's note: Complete translation.]

Card 2/2

S/262/62/000/018/002/007
I007/I207

AUTHOR: Savchenko, V.I.

TITLE: The use of the photoelasticity method in the study of thermal stresses in flat models

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no.18, 1962,31,abstract 42.18.170 (In collection: Teplovyye napryazheniya v elementakh turbo-mashin, no.1. Kiyev, AN.,USSR,1961,.160-165)

TEXT: Results are reported of photoelastic investigations on thermal stresses in a disc provided with incisions on its periphery. Attempts were made to study by photoelastic methods the formation of thermal stresses in solid bodies as a result of nonuniform heating or cooling. The models were made of ЭД-6 (ED-6) epoxy resins. The temperature field in the models were measured by the thermocouples. The method suggested may be applied to the study of thermal stresses in flat models subjected to a convective heat exchange at the lateral faces. The disc to be investigated was heated to 68.5°C and cooled to 0° at the periphery of its central opening. The dependence of the stressed state on the amount of stress-relieving incisions, was

Card 1/2

S/262/62/000/018/002/007
I007/I207

The use of the photoelasticity...

studied. The coefficient of stress concentrations at the ends of the incisions at a depth of 0.1 of their radius was determined. This coefficient was defined as the ratio of maximum stress at the incisions to the stress at the correspondent point of the disc periphery without incisions. In order to reduce stress concentrations, holes, 2 mm in diameter, were drilled at the end of incisions. It was found that the maximum peripheral stresses are reduced to a third of their value, when there are 12 incisions. Any further increase in the number of incisions had no major effect. The investigation results may be useful in the design of screening discs for gas turbines. Comparison of experimental results gives good agreement with well-known theoretical calculations, (maximum error only 5%). [Abstracter's note: Complete translation.]

Card 2/2

SAVCHENKO, V.I. (Kiyev)

Using the method of photoelasticity in determining thermal stresses in multiconnected flat models. Prykl.mekh. 7 no.2:180-188 '61. (MIRA 14:4)

1. Kiyevskiy gosudarstvennyy universitet.
(Thermal stresses) (Photoelasticity)

20

SAVCHENKO, V. I.

PHASE I BOOK EXPLOITATION SOV/6086

Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh turbomashin. 2d, Kiyev, 1961.

Teplovyye napryazheniya v elementakh turbomashin; doklady nauchnogo soveshchaniya., vyp. 2 (Thermal Stresses in Turbomachine Parts; Reports of the Scientific Conference, no. 2). Kiyev, Izd-vo AN UkrSSR, 1962. 174 p. 1800 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Institut mekhaniki.

Resp. Ed.: A. D. Kovalenko, Academician, Academy of Sciences UkrSSR; Ed.: T. K. Remennik; Tech. Ed.: A. M. Lisovets.

PURPOSE: This collection of articles is intended for scientific workers and turbine designers.

Card 1/6

Thermal Stresses (Cont.)

COVERAGE: The book contains 18 articles dealing with investigations connected with thermal stresses in turbine components. Individual articles discuss thermoelasticity, thermoplasticity, thermal conductivity, and temperature fields. No personalities are mentioned. References accompany 17 articles. The conference recommended broadening the theoretical and experimental investigations of aerothermoelastic and aerothermoplastic problems, the development of investigations of general problems of the theory of thermoelasticity and thermoplasticity based on the thermodynamic principles of reversible and nonreversible processes, the development of effective calculation methods for thermal stresses taking into account plastic deformations and creep in thin- and thick-walled structural members under stationary and nonstationary operating conditions, the development of experimental-research methods for thermometry and tensiometry in connection with modern operational conditions of mechanical structures, and the broadening of investigations of problems in the thermostrength of structures, especially of those operating under conditions of frequent and sharp temperature changes.

Card 2/6

Thermal Stresses (Cont.)

time and temperature of annealing. The coefficients of heat conductivity and thermal expansion are also found. In preparing models for investigation of thermal stresses the polymerization temperature should be increased to 130°C, and the plates obtained annealed at 140°C for 25 to 30 hours. There are 2 tables and 7 figures.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet (Kiev State University)

SUBMITTED: April 12, 1961

SAVCHENKO, V

4-12-3/24

AUTHOR: Savchenko, Vl.

TITLE: The Shadow on the Wall (Ten' na stene)

PERIODICAL: Znaniye - Sila, 1957, # 12, p 8-12 (USSR)

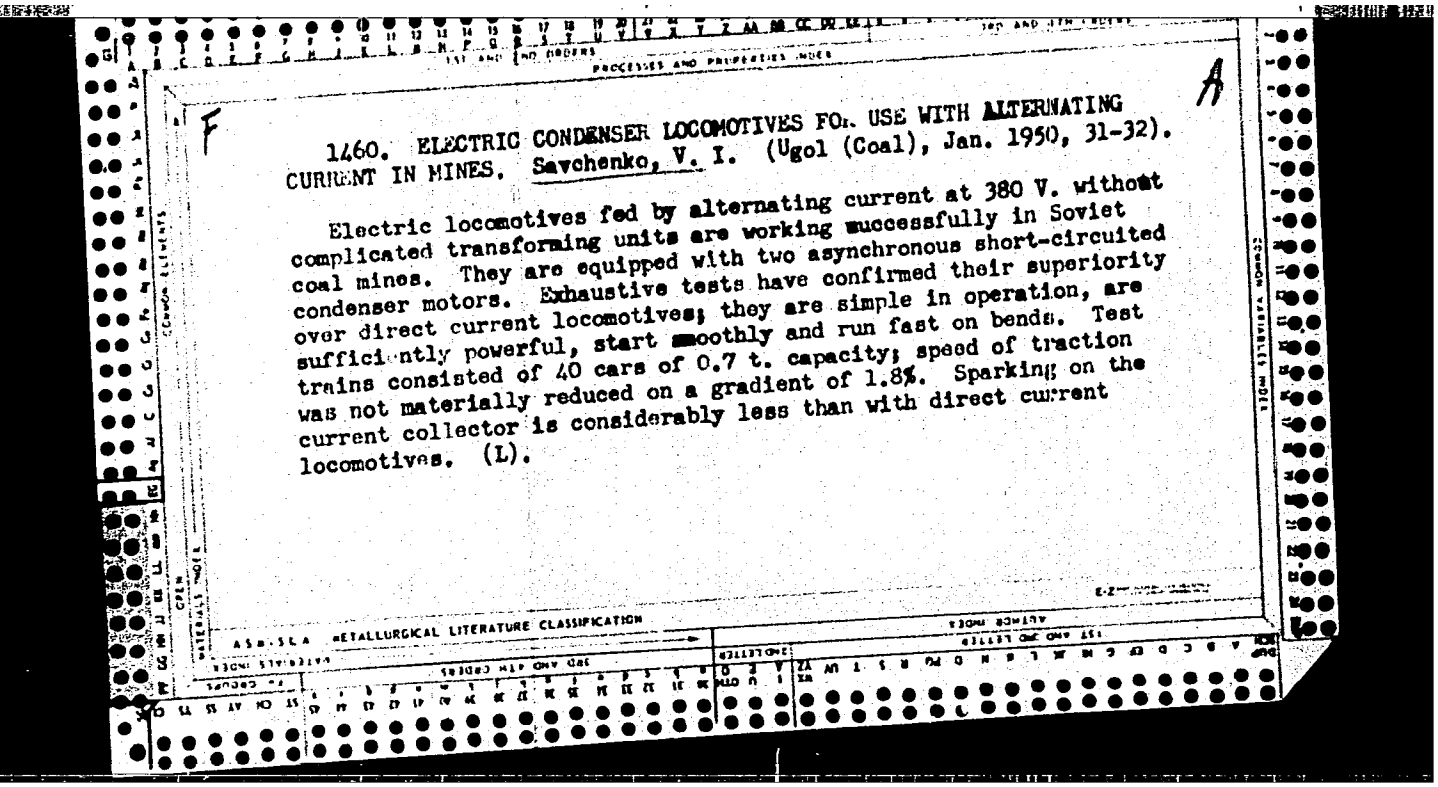
ABSTRACT: This is an excerpt from a science-fiction story, "The Black Stars", about four scientists working on the creation of neutrid, a substance consisting of neutrons, and which must have an enormous resistance. After two years of work, neutrid could be obtained through a mezonator, which was a very slow and expensive method. The scientists were trying to find the supposed substance - mezonium, which would enable them to produce neutrid by a fast and cheap method. One of the experiments ends with a catastrophe. Success, however, is finally achieved.

There are 3 figures.

AVAILABLE: Library of Congress

Card 1/1

ristors, i.e. magnetic amplifiers assembled on ferrite instead of iron cores. In conclusion, the author gives a description of the Hall effect by which electric signals can be amplified. There are 7 caricatures.



F

1460. ELECTRIC CONDENSER LOCOMOTIVES FOR USE WITH ALTERNATING CURRENT IN MINES. Savchenko, V. I. (Ugol (Coal), Jan. 1950, 31-32).

Electric locomotives fed by alternating current at 380 V. without complicated transforming units are working successfully in Soviet coal mines. They are equipped with two asynchronous short-circuited condenser motors. Exhaustive tests have confirmed their superiority over direct current locomotives; they are simple in operation, are sufficiently powerful, start smoothly and run fast on bends. Test trains consisted of 40 cars of 0.7 t. capacity; speed of traction was not materially reduced on a gradient of 1.8%. Sparking on the current collector is considerably less than with direct current locomotives. (L).

A

SAVCHENKO, V. I.

"KE-1 Electric Locomotive Steps Up Mining Efficiency" (New Locomotive Uses Alternating Current), Ugol', No. 1, 1950.

Translation W-12377, 28 Jul 1950

SAVCHENKO, V. I. and RUDYK, A. Z.

"First Reports on the Performance of the Donbass Combine in the Moscow Basin," Ugol, No 9, 1950

Translation W-15558, 4 Dec 50

SAVCHENKO, V.I., gornyy inzhener.

Creation of coal mining industries in Burma. Ugol' 32 no.4: 42-45 Ap '57. (MLRA 10:5)

(Burma--Coal mines and mining)

SAVCHENKO, V.I.

Some remarks on the use of the UIPK-U1 installation. Neft. khoz. 40 no.6:47-50 Je '62. (MIRA 15:6)
(Rocks--Permeability)

SAVCHENKO, V.I.

(5)

IVANOV, V. Ye., ZELENSKIY, V. F., FAYFER, S. I., ZHDANOV, S. M., MAKSIMENKO V. I., SAVCHENKO V. I.,

"Magnesium Cermets and Magnesium-Beryllium Alloys

Report submitted for the Conference on New Nuclear Materials Technology including Non-Metallic Fuel Elements (IAEA), Prague, 1-5 July 1963