"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 46322-66

ACC NR: AP5025128

alcoholysis or hydrolysis, vacuum distillation, and recrystallization produced the unsaturated phosphine oxides. Physical properties and elemental composition of all products were determined. Orig. art. has: 1 figure.

SUB CODE: 07/ SUBM DATE: 29Sep64 / ORIG REF: 003

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

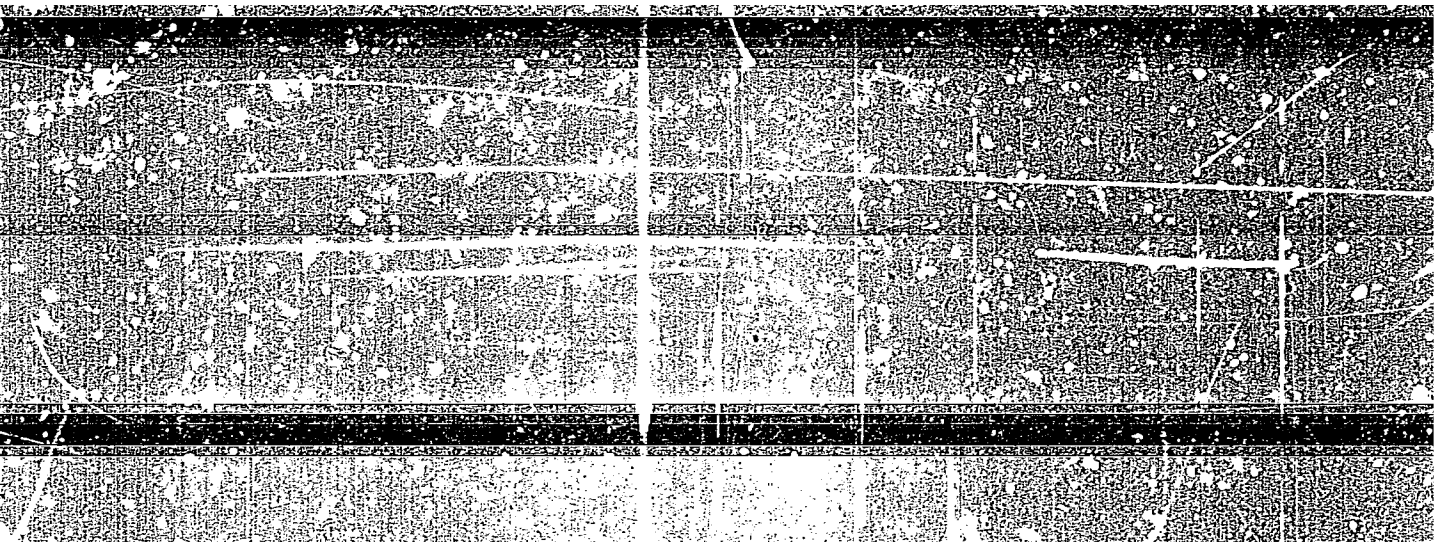
"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBOV, I.N., kand.istor.nauk

Struggle of the industrial workers of southern Ossetia for the fulfillment of the fourth five-year plan. Izv.IUgo-Oset.nauch.-issl.-inst. no.9:132-156 '58. (MIRA 13:4)
(Ossetia--Industries)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

VARGIN, V.V.; TSKHOMSKAYA, T.S.

Glasses of the system N_2O - ZnO - Al_2O_3 - P_2O_5 as a base of enamels for aluminum. Zhur.prikl.khim. 35 no.11:2363-2368 N '62. (MIRA 15:12)
(Enamel and enameling) (Glass) (Aluminum)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACCESSION NR: AT3012980 S/2501/62/000/029/0029/0045

AUTHORS: Razmadze, T. S.; Tskhovrebadze, A. S.

TITLE: *Developmental curves of solar flares*

SOURCE: Abastumani. Astrofizich. observatoriya. Byul., no. 29, 1962. Issledovaniya po programme MGG i mezhdunarod. geofiz. sotrudnichestva, 29-45

TOPIC TAGS: chromosphere, solar flare, telescope AFR 2

ABSTRACT: This paper consists almost wholly of a set of curves showing the growth and decay of the nine largest flares observed in 1959 at the Abastumanskaya observatoriya (Abastumani Observatory). Data were obtained by means of the AFR-2 chromospheric-photospheric telescope with a polarizing-interference light filter having a band pass of 0.5 A in the Hα line. The method of photometric treatment has been described by T. S. Razmadze in the preceding article of the present bulletin (pp. 3-27). The graphs show duration, intensity, and area. When two centers were observed in a single flare, the intensity and area of each were plotted, but when the centers were difficult to differentiate, the values for all centers taken together were plotted. Orig. art. has: 14 figures and 1 table.

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACCESSION NR: AT3012980

ASSOCIATION: Abastumani. Astrofizich. observatoriya (Abastumani Astrophysical Observatory)

SUBMITTED: 00Oct61 DATE ACQ: 15Oct63 ENCL: 00

SUB CODE: AA NO REF SOV: 000 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh.A.

A geomorphologic feature of the high mountains of the Adzhar-Imeret Range and its causes. Soob. AN Gruz. SSR 35 no.3:601-606 S '64. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh.A.

Denudation surfaces of the northern slope of the Adzhar-Imeret Range. Soob. AN Gruz. SSR 29 no.1:53-58 Jl '62. (MIRA 18:5)

1. Institut geografii im. Vakhushti AN GruzSSR, Tbilisi. Submitted April 6, 1961.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

CHIBUKHCHYAN, R.; TSKHOVREBOV, V.

Producers' cooperative societies of Georgia. Prom.koop. 13 no.10:28 O '59. (MIRA 13:2)

1. Rukovoditel' gruppy vnedreniya proyektno-konstruktorskoy kontory Gruzpromsoveta, Tbilisi (for Chibukhchyan); Nachal'nik konstruktorskogo byuro Gruzpromsoveta, Tbilisi (for TSkhovrebov).
(Georgia--Art industries)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVEDADZE, P.A.

Problem of pleuropulmonary sarcoma. Sov.med. 23 no.6:125-126 Je '59. (MIRA 12:9)

1. Iz kafedry gospital'noy terapii (i.o.zav. - prof.A.D. Zhgenti) Tbilisskogo meditsinskogo instituta.
(LUNG neoplasms)
(SARCOME)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

SOV/137-59-5-9842

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 52 (USSR)

AUTHORS: Mikeladze, G.Sh., Nadiradze, Ye.M., Pagava, T.A., Tskhvediani, R.N.

TITLE: Electric Smelting of Silico-Aluminum From Coke and Tkibuly Shale Cinders

PERIODICAL: Tr. In-ta metallurgii AS Georgian SSR, 1958, Vol 9, pp 59 - 68

ABSTRACT: The authors investigated the possibility of obtaining Si-Al from the coke and cinders of Tkibuly shales. The cinders contained (in %): SiO_2 54.9, Al_2O_3 30.1, Fe_2O_3 10.8. The smelts were carried out in a one-phase electric furnace of 175 kva capacity with magnesite lining. An alloy of the following composition was obtained (in %): Si 39.8, Al 30.8, Fe 26.79. The alloy can be recommended to be used as a complex deoxidizer in steel production and as a reducing agent to obtain Fe-alloys by the metallo-thermic method. The consumption of electric power under industrial conditions is 8 - 9,000 kw-hrs/ton of Si-Al; the cost of Si-Al obtained on the base of Tkibuly shales is lower than that of 75% Fe-Si.

V.B.

Card 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MIKELADZE, G.Sh., TSKHVEDIANI, R.N.

Carbon solubility in AMS alloys. Trudy Inst. met. i gor. dela AN Gruz. SSR no. 8:31-42 '57. (MIRA 11:8)

(Aluminum-manganese alloys)
(Carbon)
(Solutions, Solid)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

137-58-6-11658

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 61 (USSR)

AUTHORS: Mikeladze, G.Sh., Nadiradze, Ye.M., Pagava, T.A., Tskhvediani, R.N.

TITLE: Use of Aluminum-silicon as Reductant in Smelting Ferromanganese of Low Carbon Content (Ispol'zovaniye silikoalyuminiya v kachestve vosstanovitelya pri vyplavke ferromargantsa s malym soderzhaniyem ugleroda)

PERIODICAL: Tr. In-ta metalla i gorn. dela AN GruzSSR, 1957, Vol 8, pp 43-51

ABSTRACT: Test heats were run in a two-electrode, single-phase, 30-40 kw furnace, magnesite lined, with a power density in the hearth of 2.7-3.6 kw/dm^2, employing a charge of Mn ore or converted Mn slag and lime, the reductant employed being Si-Al with 36.06% Si and 44.02% Al. It is established that when Mn ore is employed the oxidation of the Si proceeds more intensively and results in $\leq 1\%$ Si content in the alloy. This is explained by the presence of Mn_3O_4 in the ore, whereas the slag contains MnO only. Optimum results in terms of Si content in the alloy and MnO content in the waste slag when Mn slags are employed are

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

137-58-6-11658

Use of Aluminum-silicon (cont.)

attained when 0.5-5 mm Si-Al is charged onto the surface of the slag introduced. The C contents of the alloy fluctuated from 0.09 to 0.34%, the higher values being the result of periodic immersion of the electrodes in the slag, which cannot be permitted to happen when the standard three-phase furnaces are used. The concentration of P in the alloy was in direct relationship to the [P] in the charge, as Al is highly reductive of P_2O_5. When Mn slag is employed, [P] did not exceed 0.08%. The [Mn] in alloys smelted from Mn ore attained 84.64% while that in metal smelted from Mn slag attained 85.57%. Calculations of unit ore consumption per ton of alloy are presented, although it is noted that these figures may be cut down, possibly, when larger furnaces are used for the smelting. Bibliography: 3 references.

A.Sh.

1. Ores--Processing 2. Aluminum silicon--Application 3. Blast furnaces--Performance

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MIKELADZE, G.Sh.; NADIRADZE, Ye.M.; PKHAKADZE, Sh.S.; GOGORISHVILI, B.P.; DGEBAUDZE, G.A.; SOLOSHENKO, P.S.; SEMENOV, V.Ye.; BARASHKIN, I.I.; SHIRYAYEV, Yu.S.; POSPELOV, Yu.P.; KATSEVICH, L.S.; ROZENBERG, V.L.; Prinimali uchastiye: LORDKIPANIDZE, I.S.; TSKHVEDIANI, R.N.; DZODZUASHVILI, A.G.; DUNIAVA, A.G.; PETARSKIY, L.F.; GRITSENYUK, Yu.V.; ZHELTOV, D.D.; LUZANOV, I.I.; GLADKOVSKIY, V.P.; PODMOGIL'NYY, V.P.; VOROPAYEV, I.P.; BRIKOVA, O.V.; VRUBLEVSKIY, Yu.P.; KLYUYEV, V.I.; BAYCHER, M.Yu.; LOGINOV, G.A.; SHILIN, V.K.; POPOV, A.I.; ZASLONKO, S.I.

Industrial experiments in the smelting of 45 o/o ferrosilicon in a heavy-duty closed electric furnace. Stal' 25 no.5:426-429 My '65. (MIRA 18:6)

1. Gruzinskiy institut metallurgii (for Lordkipanidze, TSkhvediani, Dzodzuashvili, Guniava). 2. Nauchno-issledovatel'skiy i proyektnyy institut metallurgicheskoy promyshlennosti (for Brikova, Vrublevskiy, Klyuyev). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrotermicheskogo oborudovaniya (for Baycher, Loginov, Shilin, Popov, Zaslonko).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBADZE, D.S.

Calculation of round cylindrical shells. Soob. AN Gruz. SSR 28 no.6:641-648 Je '62. (MIRA 15:7)

1. Akademiya nauk Gruzinskoy SSR, Tbilisskiy matematicheskiy institut imeni A.M.Razmadze. Predstavleno akademikom I.N.Vekua.
(Elastic plates and shells)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBADZE, D.S.

Approximate calculations for a symmetrical prismatic shell of a particular kind. Soob. AN Gruz. SSR 19 no.6:653-660 D '57. (MIRA 11:6)

1.Tbilisskiy gosudarstvennyy universitet im. Stalina. Predstavleno akademikom I.N. Vekua.
(Elastic plates and shells)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBADZE, D. S., Candidate Phys-Math Sci (diss) -- "Marginal problems in the equilibrium of certain prismatic membranes". Tbilisi, 1959, published by the Acad Sci Georgian SSR. 10 pp (Acad Sci Georgian SSR, Tbilisi Math Inst im A. M. Razmadze and Computer Center), 150 copies (KL, No 22, 1959, 108)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBADZE, D.S.

Approximate solution of the problem of a momental state of strain in a prismatic shell of a particular kind. Soob. AN Gruz. SSR 20 no. 3:265-272 Mr '58. (MIRA 11:7)

1. Tbilisskiy gosudarstvennyy universitet im. Stalina. Predstavleno akademikom I.N.Vekua.
(Elastic plates and shells)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

RATNER, Ye.I.; BURKIN, I.A.; TSKHOVREBASHVILI, G.G.

Effect of molybdenum on the variation of plastid pigments in the leaves of various plants. Fiziol. rast. 8 no.6:707-714 '61. (MIRA 16:7)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.
(Chlorophyll) (Plants, Effect of molybdenum on)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh.

Some geomorphological features of the Chkherimela River basin. (MIRA 15:5)
Trudy Tbil.GU 72:53-56 '59.
(Chkherimela Valley—Geomorphology)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh.A.

Determining the number of basic stages of level areas in mountain regions. Soob. AN Gruz. SSR 30 no.5:595-600 My '63. (MIRA 16:11)

1. Institut geografii imeni Vakhushti, AN GruzSSR. Predstavleno akademikom A.N.Dzhavakhishvili.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh.A.

Origin of the Tadzrisi Depression. Trudy Geog. ob-va Gruz. SSR 6:135-138 '63. (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh.A.

Origin of the Atskuri-Tashiskari part of the Kura Valley. Izv. Vses. geog. ob-va 95 no.4:360-364 Jl-Ag '63. (MIRA 16:9)
(Kura Valley--Geology, Structural)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Shota Aleksandrovich

[In the glacial trough of the Arctic] [V ledianoi pustyne Arktiki. Tbilisi] 1963. 49 p. [In Georgian] (MIRA 17:5)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBASHVILI, Sh. A.

Suramula River

Changes of the mouth of the Suramula River, Izv. Vses. geog. ob-va 85, No. 1, 1953.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

Def. at Tbilisi State U.

Тинтилозов Зураб Константинович. К геоморфологии бассейна р. Кирила (с истоков до Шорапани). 1954. 327 с. 65 фото илл., рис., схем. (Тр. ТГУ, т. 59, 1956).

Защ. 1954, 15.4.

927. ჯაფარიძე დავით ბახვის ძე. ზემო სვანეთის ფიზიკურ-გეოგრაფიული დახასიათებისათვის. 1950. 2, 289 გვ., 27 სურ., 7 რუკა.

დოიცა 1951, 28.6.

Уклеба Давид Бахвович. К физико-географической характеристике Верхней Сванетии. 1950. 2. 289 с., 27 рис., 7 карт.

Защ. 1951, 28.6.

928. ჯაფარიძე ნოე ღუკას ძე. მდინარე ენგურის აუზის ჰიდროლოგიისათვის. 1949. [1], 214 გვ., 6 რუკა, 13 ფ. ვრცელი, 17 ილ.

დოიცა 1950, 15.3.

Уклеба Ной Лукич. К гидрологии бассейна р. Ингури. 1949. [1]. 214 с., 6 карт. 13 л., граф., 17 илл.

Защ. 1950, 15.3.

929. ფაღავნიშვილი თამაზი ხოლომონის ასული. ალარა-თიანეთის შიანი სისტემის შეა ნაწილის (ბორჯომის ხეობისა და მისი შიდამოების) გეომორფოლოგიური დახასიათების ცდა. 1953. [3]. 207 გვ., 6 რუკა, 42 ილ. (ფორის პედ. ინსტ.).

დოიცა 1955, 28.6.

Павлишвили Тинатин Соломоновна. Опыт геоморфологической характеристики средней части (боржомского ущелья и его окрестностей) горной системы Адчара-Триалети. 1953. [3], 207 с., 6 карт, 42 илл. (Горийский пед. инст.).

Защ. 1955, 28.6.

930. ყიფიანი ზაზა იასონის ძე. ზორის ამოკვეთილის გეომორფოლოგიისათვის. 1939. 9, 118 გვ., სქემ., ფოტო-სურ.

დოიცა 1941, 5.5.

Кипиани Шалва Иванифович. К геоморфологии Шаорской котловины (Амбролаурский район Груз. ССР). 1939. 9, 118 с., схем., илл.

Защ. 1941, 5.5.

931. ზაქარაშვილი ილია ნესტორის ძე. ზემანარეთ ტბიანების დაშეშვების უმოკვეთესი ხერხები (საქართველოს მასალების მიხედვით). 1942. 225 გვ., 63 ნახ., კარტოგრ. (ტუბერ. სიზოგ. მოამბე, ტ. 2, 1946).

დოიცა 1942, 20.10.

Шакаришвили Ясе Несторович. Главнейшие способы обработки уровней рек (по материалам Грузии). 1942. 225 с., 63 черт., картогр. (Вестн. груз. геогр. общ., т. 2, 1946).

Защ. 1942, 20.10.

932. ცხადაია სერგი გრიგოლის ძე. რუკათმცოდნეობის საფუძვლები. 1947. ნაწ. 1—3, გვ. 1—715. ტექსტი და სურათები. ნაწ. 4. კარტოგრ. ცხრ. 24 გვ. (ფიზიკ. ცოტა წოვნილ).

დოიცა 1947, 12.11.

Цхакая Сергей Георгиевич. Основы картоведения. 1947. ч. 1—3, с. 1—715. Текст и илл. ч. 4 картогр. табл. 24 с. (изд. отд. кн.).

Защ. 1947, 12.11.

933. ცხოვრებაშვილი შოთა ალექსანდრეს ძე. ზიდ ქართლის ბარის დასავლეთის ნაწილის გეომორფოლოგიისათვის. 1947. 6, 153 გვ., 5 რუკა, 16 სქ., 18 ფოტო (ისე შრ., ტ. 52, 1954).

დოიცა 1947, 12.12.

Цховребашвили Шота Александрович. К геоморфологии Западной части внутренней Картлийской низменности. 1947. 6, 153 с., 5 карт., 16 сх., 18 фото. (Тр. ТГУ, т. 52, 1954).

Защ. 1947, 12.12.

934. ძაძაგური ფეტია ალექსანდრეს ასული. სამგორელის ფიზიკურ-გეოგრაფიული (ლანდშაფტური) დახასიათებისათვის. 1950. 336 გვ., 27 ფ., 3 რუკა (ზეგენილის ხმასწავლ. ინსტ.).

დოიცა 1951, 23.2.

Dissertation for degree of

Candidate Geographical Sciences

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

A 246T66

TSKHOVREBASHVILI, SH. A.

USSR/Geography - Estuary of Suramula River Jan/Feb 53

"Problem of the Changes in the Suramula River Estuary," Sh. A. Tskhovrebashvili

"Iz V-S Geograf Obshch" Vol 85, No 1, pp 93, 94

Comparison of present estuary with that studied by the Georgian geographer Vakhushti during the 1st half of 18th century. Change in position between the old and the new estuary is almost 20 km.

246T66

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBOV, Kh.N.

On the wings of friendship. Grazhd.av. 19 no.12:10-12 D '62. (MIRA 16:2)

1. Komandir korablya Tu-114. (Cuba--Air travle)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBOV, V.

Useful initiative. Prom.koop. 12 no.12:13 D '58.
(MIRA 12:2)

1. Nachal'nik proyektno-konstruktorskoy kontory Gruzpromsoveta, Tbilisi.

(Cooperative societies)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

BAYKOVA, R.A., student V kursa; TSKHOVREBOVA, Z.L., student V kursa

Lesions of the oral mucosa in exudative erythema multiforme.
Vest.derm.i ven. 34 no.10:80 '60. (MIRA 13:11)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. B.M. Pashkov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dotsent G.N. Beletskiy).
(ERYTHEMA) (MOUTH--DISEASES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ZHDANOV, V.A.; TSKHAY, M.S.

Theory of the nickel — arsenide structures. Zhur.fiz.khim. 28 no.4:688-691 Ap '54. (MLRA 7:8)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstvennom universitete im. V.V.Kuybysheva.
(Crystallochemistry) (Nickel arsenide)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

REZNICHENKO, V.A.; TKACHENKO, V.A.; MIKELADZE, G.Sh.; KARYAZIN, I.A.; KOZLOV, V.M.; NADIRADZE, Ye.M.; SOLOV'YEV, V.I.; GOGORISHVILI, B.P.; Prinimali uchastiye: PKHAKADZE, Sh.S.; METREVELI, A.I.; CHIKASHUA, D.S.; KHROMOVA, N.V.; KAVETSKIY, G.D.; TSKHVEDIANI, R.N.; ARABIDZE, T.V.

Making titanium slag in an electric closed reduction furnace. Titan i ego splavy no.8:28-40 '62. (MIRA 16:1)
(Titanium--Electrometallurgy)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACC NR: AP6034103 SOURCE CODE: UR/0089/66/021/004/0300/0302

AUTHOR: Tskhvirashvili, D. G.; Vasadze, L. Ye.; Tsukh, A. S.

ORG: none

TITLE: Distribution of the corrosion products of structural materials and neutron irradiation

SOURCE: Atomnaya energiya, v. 21, no. 4, 1966, 300-302

TOPIC TAGS: corrosion, neutron irradiation, boiling water reactor, aluminum, carbon steel, radioactivity measurement

ABSTRACT: The authors describe experiments on the determination of the coefficients of distribution of corrosion products of aluminum and carbon steel in an experimental apparatus made of 1Kh18N9T stainless steel irradiated with neutrons and kept under a pressure of 78—176 bar. The main purpose of the investigation was to ascertain what fraction of the corrosion products finds its way from water into steam in boiling-water reactors. The test apparatus (Fig. 1) was designed to be filled with a prescribed amount of bidistillate and kept in the reactor channel for a specified time. Samples of steam and water were then taken, and if the activity of the steam sample exceeded the background activity, the experiment was regarded as complete; otherwise, the experiment was continued. The main activity was produced by Na^{24} in the case of aluminum and Co^{58} or Fe^{59} in the case of carbon steel. The experimental results were plotted in the form of the dependence of the distribution coefficient (the ratio of

Card 1/2 UDC: 621.039.534.4

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACC NR: AP6034103

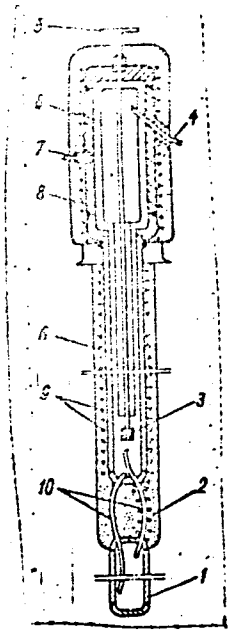


Fig. 1. Diagram of measuring apparatus. 1 - Cartridge; 2 - heat insulation; 3 - filter; 4 - steam sampling; 5 - tee; 6 - steam jacket; 7 - tube to manometer; 8 - housing; 9 - electric heaters; 10 - circulation tubes.

the activities of the samples of steam and water) on the ratio of the solvent phase densities. The distribution coefficients of Na^{24} agree well with the distribution coefficients of NaOH in the absence of neutron irradiation. In the case of steel, the distribution coefficients turn out to be close to those of the corrosion products of other heavy metals (Co, Ni, Cu, Mn, Cr). These distribution coefficients are appreciable not only at superhigh pressures but also at medium pressures, and neutron irradiation has no influence on the transition of the corrosion products to the vapor state, the governing factor being the radius of the hydrate molecule, which is not changed by neutron bombardment. Orig. art. has: 4 figures.

SUB CODE: 18/ SUBM DATE: 12Mar66/ ORIG REF: 007

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MARTYNOVA, O.I.; SEROV, Ye.P.; SMIRNOV, O.K.; TSKHVIRASHVILI, D.G.; GOTSIRIDZE, V.D.

Solubility of iron oxides in steam at high and superhigh parameters. Izv. AN SSSR. Energ. i transp. no.6:759-762 N-D '63. (MIRA 17:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACCESSION NR: AP4012269 S/0089/64/016/001/0065/0067

AUTHORS: Tskhvirashvili, D. G.; Galustashvili, V. V.

TITLE: The behavior of borates and boric acid in boiling reactors.

SOURCE: Atomnaya energiya, v. 16, no. 1, 1964, 65-67

TOPIC TAGS: borates, boric acid, emergency shielding, reactors, boiling reactors, pentaborates, ammonium pentaborate, sodium pentaborate, evaporator, atomic power plants, heat carrier, neutron flux

ABSTRACT: The use of boric acid and ammonium and sodium pentaborates in the emergency shielding of a number of boiling reactors and the possible development of a liquid control system for such reactors has encouraged a study of the distribution of these substances in the liquid and vaporous phases of water. It has been established in a number of special tests that the substances present in water (NaCl and Na_2SO_4), as well as the chief corrosion product of construction materials, iron oxide, do not affect the distribution of borates and boric acid in the water. The similarity between the boric acid distribution in an active EBWR reactor and our experimental data justi-

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACCESSION NR: AP4012269

fies the assumption that the presence of a neutron flux does not have any effect on the conversion of borates and boric acid to steam. The results of the mentioned investigation make it possible to pre- calculate the borate and boric acid balance in the heat carrier of an atomic power plant. That balance can be fully determined by the solubility of these substances in water and steam. The behavior pattern of boric acid and borates in superheated steam leads to the conclusion that they will not precipitate in the superheaters of atomic power plants with a direct cycle, nor in turbines; the borates and boric acid will be washed away by the water in view of their high degree of solubility. Orig. art. has: 3 Figures, 2 Formulas and 2 Tables.

ASSOCIATION: None

SUBMITTED: 06Apr63 DATE ACQ: 14Feb64 ENCL: 00

SUB CODE: CH, PH NR REF SOV: 003 OTHER: 002

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D.G.; GALUSTASHVILI, V.V.

Behavior of borates and boric acid in boiling reactors. Atom. energ. 16 no.1:65-67 Ja '64. (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

KRAYCHIK, M.M., kand.tekhn.nauk; TSKIPURISHVILI, V.B., kand.tekhn.nauk; Kiyan, D.M., inzh.

Analyzing the causes of failures of the welded structures of the rolling stock under the conditions of low work stresses. Trudy TSNII MPS no.260:36-44 '63. (MIRA 16:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 3682-66 EWT(d) IJP(c)

ACCESSION NR: AR5009893 UR/0044/65/000/002/B104/B104
519.3:513.88:513.83

SOURCE: Ref. zh. Matematika, Abs. 2B451

AUTHOR: Takiriya, K. Ye. 44,55

TITLE: A general problem in the calculus of variations on Banach spaces

CITED SOURCE: Tr. Tbilissk. matem. in-ta, v. 29, 1964, 197-203

TOPIC TAGS: variational calculus, Banach space, operator equation

TRANSLATION: Let E and E_1 be reflexive Banach spaces with countable bases, P the set of elements $x \in E$ which satisfy the operator equation $U_x = \theta_{E_1}$, where U is an operator from E to E_1, and θ_{E_1} is the zero-element of E_1. It is assumed that P is a bounded regular set in the sense of Lyusternik. Furthermore, let $f(x)$ be a functional which is a Frechet differentiable on E, grad $f(x) - L\,x$, $dU(x, h) = K_x(h)$, $h \in E$, and let K_x^* be the conjugate operator to K_x which has a left inverse K_x^{*-1}. Finally, let K_x and K_x^{*-1} satisfy a Lipshchitz condition on P, let (V) be an arbitrary compact homotopy class of sets on P, let $c = \sup_{[V]} \min_{V} f(x)$, and let E^* and E_1^* be the corresponding spaces conjugate of E and E_1 respectively. The follow-

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 3682-66

ACCESSION NR: AR5009893

ing statements are proven: Theorem 1: If the following conditions are fulfilled: 1) for each $x \in P$ $\|K_x(h)\| < \|K_x\| \|h\|$, $\|K_x^{*-1}(g)\| < \|K_x^{*-1}\| \|g\|$, $g \in E^*$,

2) $f(x)$ is a bounded functional and Lx satisfies a Lipschitz condition on P; then for each $\varepsilon > 0$ there exist elements

$$x_\varepsilon \in P \cap (c-\varepsilon < f < c+\varepsilon), \quad \Lambda x_\varepsilon = K_{x_\varepsilon}^{*-1}(Lx_\varepsilon) \in E_1^*$$

and a number $\alpha(\varepsilon) > 0$ satisfying the condition of an almost critical point

$$\|Lx_\varepsilon - K_{x_\varepsilon}^*(\Lambda x_\varepsilon)\| <$$

where $\alpha(\varepsilon) \to 0$ as $\varepsilon \to 0$. Theorem 2: Let all the conditions of theorem 1 be satisfied except for the boundedness of $f(x)$ and P; let the operators Lx, K^*x, K^*x^{-1} be weakly continuous in x; let $f(x)$ be weakly continuous in x and suppose that the $\lim_{\|x\| \to \infty} f(x) = -\infty$. Then ehter exist elements $x \varepsilon E$, Λ E_1^* and a number $R > 0$ satisfyingthe conditions $Lx = K_x^*(\Lambda)$, $x \in [f = c \cap S]$,

where $c = \sup_{[v]} \min_v f(x)$, $[v]$ is a compact homotopy class of sets on $P \cap S$ and $S(\theta_E, R)$ is the sphere of radius R with center at θ_E.

SUB CODE: MA ENCL: 00

KL

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 3681-66 EWT(d)/T IJP(c)

ACCESSION NR: AR5009894 UR/0044/65/000/002/B104/B105

519.3:513.88:513.83

22
B

SOURCE: Ref. zh. Matematika, Abs. 2B452

AUTHOR: Tskiriya, K. Ye. 44,55

TITLE: The stability of conditionally critical points of functionals 16,44,55

CITED SOURCE: Tr. Tbilissk. matem. in-ta, v. 29, 1964, 205-211 44 55

TOPIC TAGS: Banach space, linear functional operator, nonlinear functional operator

TRANSLATION: The author investigates certain problems on the stability of conditionally critical points of functionals. Let E and E_1 be Banach spaces, $U(x)$ an operator from E into E_1, $dU(x, h)$ the Frechet differential of $U(x)$ where $dU(x, h) = K_x h$ is an operator from E into E_1 where it is linear in h and non-linear in x, and $K_x = U'(x)$ the derivative of $U(x)$. Furthermore, let $P \in E$ be the set of points $x \in E$ which satisfy the operator equation $U(x) = \theta_{E_1}$ where θ_{E_1} is the zero-element of E_1, given that $f(x)$ is an everywhere Frechet differentiable functional on E, and let

Card 1/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 3681-66
ACCESSION NR: AR5009894

L_x = grad $f(x)$. The point $x_0 \in P$ is called strongly regular if the operator $K^{*\,1}_{x_0}$ which is conjugate to K_{x_0} and if E^*, the conjugate space of E, admits a representation $E^* = E'^*_{x_0} + E''^*_{x_0}$, where $E'^*_{x_0}$ is the image of $K^*_{x_0}$ and $E''^*_{x_0}$ is the complement of E'^* in E^*. Correspondingly, P is called a strongly regular abstract surface if each point of P is strongly regular. If $x_0 \in P$ is a regular point of the functional $f(x)$, then, by a theorem of L. A. Lyusternik, there exists a critical functional $\Lambda_{x_0} \in E^*_1$ such that $L_{x_0} = K^*_{x_0}(\Lambda_{x_0})$. The author proves that if the operator K_{x_0} is continuous at a strongly regular point $x_0 \in P$ (in which case we have $E^* = E'^*_{x_0} + E''^*_{x_0}$), then there exists a strongly regular non-empty neighborhood $S_{x_0}(\eta)$. Furthermore, let

$$Q_{x_0} = K^*_x \cdot K^{*-1}_x, \quad Q'_{x_0}(L_{x_0}) = [Q_x(L_{x_0})]'_{x=x_0},$$

let T_0 be the space of the zero operator K_{x_0}, I the identity operator, $\{G^{\eta_0}_1\}$ the space of twice differentiable functionals $f(x)$ with norm

$$\|f\|_{G^{\eta_0}_1} = \sup_{S_{x_0}(\eta)} \{\|f(x)\| + \|f'(x)\| + \|f''(x)\|\}, \quad L_x = f'(x)\}$$

x_0 is the critical point of $f(x)$ on P, i. e. the solution of the Euler-Lagrange functional equation $L_{x_0} = Q_{x_0}(L_{x_0}) = 0_{E^*}$.

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 3681-66

ACCESSION NR: AR5009894

The author poses the problem of the existence in $S_{x_0}(\eta)\cap P$ of a critical point of the perturbed functional $f(x) + \Delta f(x)$ under small perturbation of $\Delta f(x)$ in the norm of the space $G_1^{\eta_0}$. It is proved that if 1) $x_0 \in P$ is a critical point of $f(x)$, 2) $f(x)$ and $U(x)$ are twice Frechet differentiable, 3) $S_{x_0}(\eta_0)\cap P$, is a strongly regular neighborhood, 4) the operator

$$A_{x_0} = (I - Q_{x_0}) L'_{x_0} - Q'_{x_0}(L_{x_0}),$$

acting from T_0 into E^*, has an inverse, then x_0 is stable, i. e. there exists $\tau > 0, \eta > 0$ such that the perturbed functional $f(x) + \Delta f(x)$, in the norm $\|\Delta f\|_{G_1^{\eta_0}}$ has at least one critical point $x_0 + \Delta x_0 \in P$, where $\|\Delta x\| < \eta$, and $\eta \to 0$, as $\tau \to 0$. Under slight perturbation of the function, the critical function is only slightly perturbed, and if $E = T_0 + T_1$, then a unique critical point and a unique critical function corresponds to each perturbation of the functional. If $f'(x)$ and $U'(x)$ satisfy a Lipschitz condition and $(1 + \|Q_{x_0}\|) G_L^{\eta_0} + \|L_{x_0}\| C_L^{\eta_0} < 1$,

where $C_L^{\eta_0}$ is the constant Lipschitz operator of $f'(x)L$, then x_0 is stable in the norm of the space $G_1^{\eta_0}$ under small $\|\Delta f\|_{G_1^{\eta_0}}$.

SUB CODE: MA ENCL: 00

Card 3/3 Ro

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

VASIL'YEVA, M.G.; LALYKINA, V.M.; MAKHARASHVILI, N.A.; SOKOLOVA, A.L.; SOYFER, V.M.; ~~TSKIRIYA, N.G.~~; BARON, Ye.Ye., doktor khim. nauk, red.

[Analysis of boron and its inorganic compounds] Analiz bora i ego neorganicheskikh soedinenii. Pod red. E.E.Baroni. Moskva, Atomizdat, 1965. 267 p. (MIRA 19:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

ACCESSION NR: AR4027683 S/0276/64/000/001/G009/G009

SOURCE: RZh. Tekhnologiya mashinostroyeniya, Abs. 1G66

AUTHOR: Tavadze, F. N.; Tskitishvili, M. D.; Bagdavadze, D. I.

TITLE: The effect of additions of nitrogen, boron, and carbon on the heat resistance of chromium-nickel alloys (with 10% nickel)

CITED SOURCE: Tr. In-ta metallurgii. AN GruzSSR, v. 13, 1962(1963), 57-63

TOPIC TAGS: heat-resistant alloy, chromium-nickel alloy, alloy additive

TRANSLATION: The addition of up to 0.5% nitrogen noticeably increases heat resistance. Increasing the nitrogen content in alloys is desirably, but limited due to the complication of sample smelting technology. The addition of boron up to its solubility limit gives even better results. The addition of boron with the separation of the excess phases decreases heat resistance. The addition of up to 0.25% carbon increases heat resistance by an insignificant amount. Increasing the carbon content to 0.5% results in a sharp deterioration of heat resistance due to the separation of the unstable carbides.

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

SOV/137-59-5-10709

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 179 (USSR)

AUTHORS: Tavadze, F.N., Tskitishvili, M.D.

TITLE: The Structure and Some Properties of Alloys of the Mn_3Si - Fe_3Si_2 System

PERIODICAL: Tr. In-ta metallurgii, AS GeorgianSSR, 1958, Vol 9, pp 71 - 75 (Georgian, Russian résumé)

ABSTRACT: Alloys of the Mn_3Si-Fe_3Si_2 system consist mainly of solid solutions. In an alloy with 70% Fe_3Si_2, the presence of a chemical compound of $Fe_{12}Si_{11}Mn_5$ composition can be assumed according to the decrease in hardness and electric resistance. The alloys investigated become brittle after heating and cooling off within a range of 200° - 500°C.

L.V.

Card 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 36463-66 EWT(m)/T/EWP(e)/EWP(t)/ETI IJP(c) JD/WB

ACC NR: AR6009968 SOURCE CODE: UR/0137/65/000/012/I058/I058

51
46
B

AUTHOR: Tavadze, F. N.; Tskitishvili, M. D.; Mandzhgaladze, S. N.; Lashkhi, T.

ORG: none

TITLE: Effect of small boron additions on the heat and corrosion resistance of multicomponent chromium-manganese alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 12I437

REF SOURCE: Tr. Gruz. in-t metallurgii, v. 14, 1965, 109-122

TOPIC TAGS: boron, austenite, chromium containing alloy, manganese containing alloy, metal hardening, heat resistance, corrosion resistance, solubility

ABSTRACT: A study was made of the relationship between heat and corrosion resistance and structure of austentic Cr-Mn alloys in solid solution (low-alloyed with boron, nitrogen and carbon) composed (in %) of Cr, 15.0; Mn, 15.0; W, 0.5; Mo, 0.5; Nb ~ 0.5. The heat

UDC: 669.15.018.8:620.193

Card 2/2

...ate, alloys ... which contain ...tecting films in HNO_3 ...e state. In HCl, a considerable ... ...yed with B ... N_2 have ...ile in wide-making technological ...ributed to alloys alloyed ...ation of abstract] [NT]

t. of its inc are N_2 an In H_2S all all In orga high cor solutions, with boron

SUB CODE: 1

rd 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

L 46322-66

ACC NR: AP5025128

alcoholysis or hydrolysis, vacuum distillation, and recrystallization produced the unsaturated phosphine oxides. Physical properties and elemental composition of all products were determined. Orig. art. has: 1 figure.

SUB CODE: 07/ SUBM DATE: 29Sep64 / ORIG REF: 003

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TAVADZE, F.N.; TSKITISHVILI, M.D.; BAGDAVADZE, D.I.

Effect of additions of nitrogen, boron and carbon on the heat resistance of chromium-nickel alloys (with 10% of nickel). Trudy Inst. met. AN Gruz. SSR vol. 13:57-63 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHOVREBOV, I.N., kand.istor.nauk

Struggle of the industrial workers of southern Ossetia for the fulfillment of the fourth five-year plan. Izv.IUgo-Oset.nauch.-issl.-inst. no.9:132-156 '58. (MIRA 13:4)
(Ossetia--Industries)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

KURDOVANIDZE, V.G.; TSKHVEDIANI, D.K.

Comparative evaluation of one-row and two-row intestinal stich in an experiment. Trudy Tbil. GIDUV 6:167-172 '62. (MIRA 16:2)

(INTESTINES—SURGERY) (SUTURES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MIKELADZE, G.Sh.; NADIRADZE, Ye.M.; PAGAVA, T.A.; TSKHVEDIANI, R.N.

Electric melting of aluminum-silicon from coke and Tkibuli shale ashes. Trudy Inst.met. AN Gruz.SSR 9:59-68 '58. (MIRA 12:8)

(Tkibuli--Shale) (Aluminum-silicon alloys)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

SOV/ 137-58-7-14208

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 35 (USSR)

AUTHORS: Mikeladze, G.Sh., Tskhvediani, R.N.

TITLE: Solubility of Carbon in Al-Mn-Si Alloys (Rastvorimost' ugleroda v splavakh AMS)

PERIODICAL: Tr. In-ta metalla i gorn. dela. AN GruzSSR, 1957, Vol 8, pp 31-42

ABSTRACT: The solubility of C in Al-Mn-Si alloys with various Si, Al, and Mn contents was determined on their smelting in a graphite crucible in an induction furnace using pure materials. It is established that with an increase in Si and Al content the C content decreases considerably. With Al concentrations of up to 20% the effect of Si on the solubility of C is stronger than that of Al. The effectiveness of additions of Al above 20% surpasses the effect of Si. The solubility of C in alloys containing 30% Al consists of hundredths of one percent. Therefore for the smelting of alloys high in Al and Si fettling of crucibles with carbon is recommended.

Card 1/1

1. Carbon--Solubility 2. Aluminum-manganese-silicon alloys V. M. --Properties

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MIKELADZE, G.Sh.; NADIRADZE, Ye.M.; BEZARASHVILI, Sh.M.; DGEBUADZE, G.A.; TSKHVEDIANI, R.N.; CHIKASHUA, D.S.; METREVELI, A.I.

Making ferrosilicon in a closed electric furnace. Stal' 21 no.5: 419-422 My '61. (MIRA 14:5)

1. Institut metallurgii AN GSSR i Zestafonskiy zavod ferrosplavov.
(Ferrosilicon—Electrometallurgy)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MIKELADZE, G.Sh., kand.tekhn.nauk; NADIRADZE, Ye.M., kand.tekhn.nauk; GOGORISHVILI, B.P., inzh.; TSKHVEDIANI, S.N., inzh.; CHIKASHUA, D.S., inzh.; METREVELI, A.I., inzh.

Making ferrochromium in closed, electric ore reducing furnaces. Biul. TSIICHM no.1:18-23 '61. (MIRA 14:9)
(Iron-chromium alloys--Electrometallurgy)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MIKELADZE, G.Sh.; TSKHVEDIANI, R.N.

Radiometric method of studying the length of a metallothermic reaction. Trudy Inst. met. AN Gruz. SSR vol. 13:131-140 '62. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

Tskhvirashvili

124-1957-10-11849

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 94 (USSR)

AUTHOR: Tskhvirashvili, (no initial given)

TITLE: Application of the Radioactive Tracer Method to the Study of Some Problems of Heat Engineering (Primeneniye metodiki radioaktivnykh indikatorov pri izuchenii nekotorykh teplotekhnicheskikh voprosov)

PERIODICAL: Tr. In-ta energ. AN GruzSSR, 1956, Vol 10, pp 99-105

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D. G.

Tskhvirashvili, D. G. -- "Investigation of the Solubility of Salts in Superheated High Pressure Steam." Cand Tech Sci, Power Engineering Inst i eni G. M. Krzhizhanovskiy, Acad Sci USSR, 1 Jan 54. (Vecherniyaya Moskva, 1? Jan 54)

SO: SUM 163, 22 July 1954

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D.G.; GOTSIRIDZE, V.D.

Special features of the transition of some substances into water vapor. Trudy Inst. energ. AN Gruz. SSR 17:239-244 '63. (MIRA 17:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D.G.; GALUSTASHVILI, V.V.

Passing of weak mineral acids to saturated water vapor. Soob. AN Gruz. SSR 30 no.5:625-629 My '63. (MIRA 16:11)

1. Institut energetiki imeni A.I.Didebulidze AN GruzSSR, Tbilisi. Predstavleno chlenom-korrespondentom AN GruzSSR P.G.Shengeliya.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

SOV/112-59-3-4546

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 38 (USSR)

AUTHOR: Tskhvirashvili, D. G.

TITLE: On the Problem of Utilizing the Industrial and Thermal-Water Waste Heat for Agricultural Needs in Gruzinskaya SSR (K voprosu ispol'zovaniya teplovykh otkhodov promyshlennosti i termal'nykh vod v agroteplofikatsii Gruzinskoy SSR)

PERIODICAL: Tr. in-ta energ. AN GruzSSR, 1957, Vol 11, pp 89-91

ABSTRACT: A survey of Gruziya industry has shown that there are available considerable quantities of waste heat which can be used for heating greenhouses and hotbeds (the cost of greenhouse heating amounts to 70-80% of all operating costs). A table presents maximum hourly heat consumption by greenhouses and hotbeds of the Gruzinskaya SSR. It is noted that a considerable amount of heat is being lost in the form of gas accompanying petroleum production in Mirzaani and Norio. Utilization of Tsiash hot-spring water of 81-82°C is recommended. Considerable amounts of waste heat are available at

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

SOV/112-59-3-4546

On the Problem of Utilizing the Industrial and Thermal-Water Waste Heat for . . . .

Zakavkazskiy metallurgical plant. Data on major sources of waste heat in Gruziya and in the corresponding hotbed and greenhouse area is presented.

M.L.Z.

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D.G.; NEBIYERIDZE, D.P.

Studying the behavior of boric acid in superheated steam. Soob.AN Gruz.SSR 23 no.6:695-698 D '59. (MIRA 13:6)

1. Institut energetiki im. A.I.Didebulidze AN Gruz.SSR 23 no.6: 695-698 D '59. (MIRA 13:6)
(Steam, Superheated) (Boric acid)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

S/020/60/134/003/015/020
B016/B054

AUTHORS: Styrikovich, M. A., Corresponding Member AS USSR, Tskhvirashvili, D. G., and Nebiyeridze, D. P.

TITLE: Investigation of the Solubility of Boric Acid in Saturated Water Vapor

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 3, pp. 615-617

TEXT: The authors investigated the solubility of boric acid in saturated water vapor with the aid of a special apparatus. A small part of the solution of known concentration was evaporated. The boric acid content was determined in vapor condensate samples colorimetrically and volumetrically. Fig. 1 shows the solubility of boric acid in vapor as a function of pressure between 1 and 200 atm. Therefrom, the authors concluded that the B_2O_3 concentration depends linearly on its concentration in water. Consequently, the distribution coefficient of B_2O_3 between the vapor- and the liquid phase of the solvent is independent of the con-

Card 1/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

Investigation of the Solubility of Boric Acid in Saturated Water Vapor

S/020/60/134/003/015/020
B016/B054

centration in the range mentioned. As compared with other inorganic compounds, boric acid is very well soluble in water vapor, even at low pressure. Fig. 2 shows the values of the visible distribution coefficients of boric acid as dependent on the relation of the densities of the solvent phases (Ref. 2). This dependence is represented by an exponential function (see Equation). Fig. 2 shows that the values of the distribution coefficient agree well with the individual points determined at the Moskovskiy energeticheskiy institut (Moscow Power Engineering Institute). Boric acid is characterized by the maximum value of the visible distribution coefficient and, accordingly, by the lowest exponent n. This is due to the fact that boric acid, being a weak acid, is practically in a nondissociated state in water. This confirms the theorem stating that compounds which are in an aqueous solution in the form of molecules migrate preferably into the vapor (Ref. 3). The experimental results are also indicative of this fact (Fig. 3). The experiments were made with binary solutions, one component of which was boric acid. The visible distribution coefficient of boric acid is practically not influenced even by the addition of larger amounts of NaCl or Na_2SO_4, if the pressure remains unchanged. From their

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

Investigation of the Solubility of Boric Acid in Saturated Water Vapor

S/020/60/134/003/015/020
B016/B054

results and from the behavior of boric acid in overheated vapor, the authors conclude that the behavior of this acid in practice is completely determined by the laws governing its solubility in water vapor; for, even at atmospheric pressure, its distribution coefficient is multiple the coefficient of the mechanical carrying-away of the liquid with the vapor. There are 3 figures and 4 Soviet references.

ASSOCIATION: Institut energetiki im. A. I. Didebulidze Akademii nauk GruzSSR (Institute of Power Economy imeni A. I. Didebulidze of the Academy of Sciences of the Gruzinskaya SSR)

SUBMITTED: May 18, 1960

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D.G.

Experimental study of the solubility of boric acid in saturated steam. Trudy Inst.energ.AN Gruz.SSR 16:63-66 '62. (MIRA 16:4)

(Boric acid) (Steam)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D. G.

USSR/ Chemistry - Physical chemistry

Card 1/2 Pub. 22 - 24/47

Authors : Styrikovich, M. A., Memb. Corresp. of Acad. of Sc. USSR.; Khaybullin, I. Kh.; and Tskhvirashvili, D. G.

Title : Solubility of salts in high pressure water vapor

Periodical : Dok. AN SSSR 100/6, 1123-1126, Feb 21, 1955

Abstract : The solubility of Na_2SO_4, $CaCl_2$, $NaCl_2$ was investigated in saturated water vapors at pressures ranging from 100 to 200 atm. It was found that the solubility of solid substances in superheated water vapor at constant pressures in the zone of slight overheating has a negative coefficient, it reaches a minimum at a certain point and then acquires a positive coefficient in the zone of relative high overheating.

Institution : Acad. of Sc. USSR, The G. M. Krzhizhanovskiy Power Engineering Institute

Submitted : October 28, 1954

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

Periodical : Dok. AN SSSR 100/6, 1123-1126, Feb 21, 1955

Card 2/2 Pub. 22 - 24/47

Abstract : The solubility of the substances investigated in a superheated state was found to be qualitatively analogous to the change in the basic characteristics of the superheated vapor. Eight references: 5 USSR, 1 USA, 1 Scandinavian and 1 German (1940-1953). Graphs.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVIRASHVILI, D.G.

Investigating the solubility of sodium chloride in superheated heat-pressure steam. Soob. AN Gruz. SSR 17 no.8:731-736 '56. (MLRA 10:3)

1. Akademiya nauk Gruzinskoy SSR, Institut energetiki im.A.I. Didebulidze, Tbilis. Predstavleno akademikom R.I. Agladze.
(Sodium chloride) (Solubility)
(Steam, Superheated)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

STYRIKOVICH, M.A.; TSKHVIRASHVILI, D.G.; NEBIYERIDZE, D.P.

Solubility of boric acid in saturated water vapor. Dokl. AN SSSR 134 no.3:615-617 S '60. (MIRA 13:9)

1. Institut energetiki im. A.I.Didebulidze Akademii nauk GruzSSR.
2. Chlen-korrespondent AN SSSR (for Styrikovich).
(Boric acid) (Water vapor)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKHVITAVA, K.V.

3(7) SOV/50-59-5-10/22

AUTHORS: Lominadze, V. P. Director of the Institute; Bartishvili, I. T., Secretary of the Party Office; Bitskinashvili, E. Z., Chairman of the MK; Matveyev, V. M., Chief of the Airport; Omadze, G. Ya., Deputy Chief of the Political Department; Kolesnikov, M. E., Secretary of the Party Office; Tupalov, D. T., Chairman of the MK; Tskhvitava, K. V., Chief of the AMSG; Petrov, V. S., Commander of the Aircraft TU-104

TITLE: A Useful Enterprise (Poleznoye nachinaniye)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 5, pp 44 - 45 (USSR)

ABSTRACT: The Collective of the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (Tbilisi Hydrometeorological Scientific Research Institute) established a collaboration with the workers of the airport. An appeal to the workers of the AMSG (Air Weather Station of the Civil Air Fleet) and the flying and ground personnel of the airport, as well as the obligations of the personnel of Tbilisi Airport and of the workers of the AMSG, are published here. The appeal requests to give lectures and reports on physical conditions of the atmosphere. The atmospheric processes most influencing aviation are to be explained. A

Card 1/2

scientific discussion and analysis of complicated meteorological conditions in aviation are to be organized. Systematic reports on the latest achievements inland and abroad are to be delivered. The members of the personnel taking part in correspondence lessons of universities are to receive help and advice in physics, mathematics, aerodynamics and meteorology. The personnel of Tbilisi Airport and the workers of the AMSG agree: 1) To carry out careful meteorological observations throughout every flight, and communicate them in due time to the AMSG. 2) The workers of the AMSG agree to collect systematically the material of meteorological observations, and to inform the TbilNIGMI in due time. 3) The airplane crews agree to support as much as possible the scientific co-workers during the flight. 4) The airplane crews agree to discuss any complicated case of meteorological conditions arising during the flight, in the presence of the co-workers of the TbilNIGMI. 5) The workers of the airport are to deliver lectures on jet and piston-engine propelled aircraft for the co-workers of the TbilNIGMI.

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKILIS, D.S.; SHENDEREY, L.I.; Prinimala uchastiye GORYUNOVA, N.P.

Solubility of oxygen-nitrogen mixtures in toluene. Khim.prom. no.9:690-691 S '63. (MIRA 16:12)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

USSR/Pharmacology, Toxicology. Cardio-Vascular Drugs U-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17653

Author : Tskimanauri G.A., Gvinciliya I.M.
Inst : Not Given
Title : Digicillin Action on the Heart at Various Functional States of the Central Nervous System.

Orig Pub : Farmacol. i toxicologiya, 1957, 20, No 3, 57-59

Abstract : Digicillin is a dry standardized preparation obtained from Digitalis ciliata L. Administered intravenously to rabbits in a 0.01 - 0.03 g/kg dose, it had a positive inotropic action and a negative chromotropic effect on the heart. After the preliminary administration of NaBr (0.01 g/kg), Digicillin (0.01 g/kg) had no specific effect on the heart. In a 0.03 g/kg dose the effect was weaker than normally. Consequently, by intensifying the cortical inhibitions NaBr changed the organism's response to digicillin. In animals, narcotised with urethan, the digicillin action on the heart was considerably stronger and lasted longer, than in the control animals.

Card : 1/1

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIMANAURI, G.A.

TSKIMANAURI, G.A.; GVINDZHILIYA, I.M.

Effect of digicillin on the heart in various functional conditions of the central nervous system. Farm. i toks. 20 no.3:57-59 My-Je '57. (MIRA 10:10)

1. Laboratoriya kafedry farmakologii Tbilisskogo gosudarstvennogo meditsinskogo instituta.

(DIGITALIS, effects,
digicillin, cardiac responses in rabbits after admin. of sodium bromide & urethane (Rus))
(BROMIDES, effects,
sodium, on cardiac response to digicillin (Rus))
(URETHANE, effects,
on heart response to digicillin (Rus))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L.R.; BAKURADZE, A.N.

Interrelation between the slow bioelectrical potentials of the cerebral cortex and cerebellar cortex. Trudy Inst.fiziol. AN Gruz.SSR. 7:201-216 '48. (MLRA 9:8)

(CEREBRAL CORTEX) (CEREBELLUM)
(ELECTROENCEPHALOGRAPHY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L.R.; BAKURADZE, I.A.

About the perceptive function of the cerebellar cortex in connection with its bioelectrical activity. Trudy Inst.fiziol. AN Gruz.SSR. 7: 187-199 '48. (MLRA 9:8)

(CEREBELLUM) (ELECTROENCEPHALOGRAPHY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

KARTASHEV, V.I., inzhener; KRONKALN, L.A., kandidat tekhnicheskikh nauk; TSKIPURISHVILI, V.B., kandidat tekhnicheskikh nauk; SIDOROV, N.I., inzhener, redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Problems in increasing the runs of electric locomotives between repairs; on the basis of progressive practices of electric locomotive machinists and repairmen in shops and plants] Voprosy uvelicheniia mezhremontnykh probegov elektrovozov; na osnove peredovogo opyta elektrovoznykh mashinistov-tiazhelovesnikov i rabotnikov remontnykh tsekhov depo i zavodov. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 90 p. (MLRA 10:1)

(Electric locomotives)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TsKIPURIDZE, L.R.

23601 MEKhANIZM VOZNIKNOVENIYa MEDLENNYKh ELEKTRIChEKIKh POTENTsIALOV V KORE MOZZhEchKA I IKh FUNKTsIONAL'NOYe ZNACHENIYe. DOKLAD I PRENIYa . V SB: GAGRSKIYe BESEDY PO EKSPERIM BIOLOGII . T. I. TBILISI, 1949, C. 265-72.--BIBLIOGR: C. 271 - 72.

SO: LETOPIS' NO. 31, 1949.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L.R.

Electrophysiology of the cerebral cortex of a normal cat during natural sleep. Trudy inst.fiziol.AN Gruz.SSR 8:209-225 '50. (MLRA 9:7)
(ELECTROPHYSIOLOGY) (CEREBRAL CORTEX) (SLEEP)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L. R.

1041. ოვეზაძე ბენიამინ გიორგის ძე. თაეის ტერნის ნერვების გალიზიანების გაელენა რეფლექტორ რეაქციებზე. 1952. 166 გვ., 25 ცხრ., ილ.

დაიცვა 1953, 20.6.

Тевзадзе Вениамин Георгиевич. Влияние раздражения черепно-мозговых нервов на рефлекторные реакции. 1952. 166 с., 25 табл., илл.

Защ. 1953, 20.6.

1042. თეძანიშვილი გრიგორ დიმიტრის ძე. კინესტეზიურ და ლაბირინთულ გალიზიანებათა მნიშვნელობა ძილისა და ღვიძილის მდგომარეობათა ურთიერთ შეცვლისათვის. 1952. 215 გვ., 38 ილ.

დაიცვა 1953, 26.6.

Туманишвили Григорий Дмитриевич. Значение кинестетических и лабиринтных раздражений для смены состояния сна и бодрствования.

Защ. 1953, 26.6.

1043. კანდელაკი თამარ ალექსანდრეს ასული. ლეიკოციტების იმუნოლეიმის საკითხისათვის. 1953. [1], 152 გვ.

დაიცვა 1954, 2.6.

Канделаки Тамара Александровна. К вопросу иммунозимии лейкоцитов. 1953. [1], 152 с.

Защ. 1954, 2.6.

1044. ჭეფიხაშვილი ირინე სამსონის ასული. ძმაკაცი რქოსანი ცხოველის (Bos taurus) ალიაქის ალანტოისის და მათი დერივატი ორგანოების ჰისტოგენეზი. 1954. 211 გვ.

დაიცვა 1955, 12.1

Меписашвили Ирина Самсоновна. Гистогенез аллантоиса клоаки аллантоиса и их дериватов у крупного рогатого скота (Bos taurus). 1954. 211 с.

Защ. 1955, 12.1.

1045. სიხარულიძე ეკატერინე ბარიონის ასული. ზოგიერთი ამფიბიის, რეპტილიის და ფრინველის ალიაქის ლორწოვანი გარსის შედარებითი-ჰისტოლოგიური გამოკვლევა. 1954. 171 გვ.

დაიცვა 1955, 30.3.

Сихарулидзе Мери Мирвановна. Сравнительно-гистологическое исследование слизистой оболочки клоаки некоторых амфибий, рептилий и птиц. 1954. 171 с.

Защ. 1955, 30.3.

1046. ფარეფაშვილი ბარბარე სიმონის ასული. ძმაკაცი რქოსანი ცხოველის (Bos taurus) ურეთრის ეპითელიუმის ჰისტოგენეზი და ცალკეული ეპიმორფული ბურთულები. 1948, [1], 109 გვ., სურ., ფოტო.

დაიცვა 1951, 10.5.

Парадашвили Мария Семеновна. Гистогенез и изменения эпителия уретруса крупного рогатого скота (Bos taurus) в эмбриональном периоде. 1948. [1], 109 с., илл., фото.

Защ. 1951, 10.5.

1047. ცქიფურიძე ლევან რიგორის ძე. [illegible] [illegible] [illegible] [illegible]. 1941. 120 გვ., ილ., დიაგრ. (ტფილ. ინსტ. შრ., № 4, 1941).

დაიცვა 1941, 29.4.

Цискаридзе Леван Ренович. Многообразие кровообращения гладкой мышцы и причины его происхождения. 1941. 120 с., илл., диагр. (Тр. Инст. физиол., т. 4, 1941).

Защ. 1941, 29.4.

1048. ჯაჯანიძე ნინო ბიბეულის ასული. [illegible] [illegible] [illegible]. 1947. 87 გვ., 14 ილ. (Физиол. ж-л СССР, т. 26, ფილიალ. ინსტ. შრ., 1937, № 3; Бюлл. эксп. биол. 1940, т. 10; Сообщ. ГФАН СССР, 1940, № 1).

დაიცვა 1947, 22.11.

Чичинадзе Нина Михайловна. Исследование вопроса о локализации корковых процессов вызываемых зрительными раздражениями.

Защ. 1947, 22.11.

1049. ჯიბაძე დავით ივანეს ძე. ცალის ცალსადგომი ტიბის [illegible] [illegible]. 1952. 156 გვ.

დაიცვა 1953, 30.6.

724

Dissertation for degree of

Candidate Biological Sciences

Def. at
Tbilisi State U.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L.R.

Comparative study of the regular rhythm of electric potentials in the cerebral cortex. Trudy inst.fiziol. AN Gruz.SSR 8:189-208 '50. (MLRA 9:7)
(CEREBRAL CORTEX) (ELECTROPHYSIOLOGY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L. R.

Tskipuridze, L. R. and Bakuradze, A. N. "The interrelationship of the slow bioelectric potentials of the cerebral cortex and of the cerebellar cortex," Trudy In-ta fiziologii im. Beritashvili, Vol. VII, 1948, p. 201-16 -- Summary in Georgian
Biblio: 12 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURIDZE, L. R.

Tskipuridze, L. R. and Bakuradze, A. N. "The receptive function of the cerebellar cortex in connection with its bioelectrical activity," Trudy In-ta Fiziologii im. Beritashvili, Vol. VII, 1948, p. 187-99 -- Summary in Georgian -- Bibliog: 13 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

MEYSNER, B.A., kand.tekhn.nauk; POPOV, A.V., kand.tekhn.nauk; TSKIFURISHVILI, V.B., kand.tekhn.nauk

Dynamic and strength characteristics of six-axle electric locomotive trucks. Vest.TSNII MPS 18 no.2:26-31 Ap '59. (MIRA 12:6)

(Electric locomotives)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURISHVILI, V.B., kand. tekhn. nauk

Restricted torsion of hollow beams used for locomotive body and truck frames. Vest. TSNII MPS 18 no.5:50-51 Ag '59. (MIRA 13:1)

(Locomotives)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURISHVILI, V. B.

Tskipurishvili, V. B.

"Factors Affecting the Interaction between the Rim and the Rim Covering of Electric-Locomotive Wheel Pairs." Min Railways USSR. All-Union Sci Res Inst of Railroad Transport. Moscow, 1955 (Dissertation for the degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIPURISHVILI, V.B.

ZOL'NIKOV, S.S., kandidat tekhnicheskikh nauk; MEYSNER, V.A., kandidat tekhnicheskikh nauk; POPOV, A.V., kandidat tekhnicheskikh nauk. TSKIPURISHVILI, V.B., kandidat tekhnicheskikh nauk.

Principal results of tests of the strength of the VL23 electric locomotive. Vest.TSNII MPS no.2:18-20 Mr '57. (MLRA 10:4)
(Electric locomotives)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

KRAYCHIK, M.M., kand.tekhn.nauk; TSKIPURKISHVILI, V.B., kand.tekhn.nauk

Analyzing the causes of damage in welded locomotive structures at low operating stresses. Vest. TSNII MPS 20 no.4:28-31 '61. (MIRA 14:7)

(Locomotives--Construction) (Metals--Fatigue)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIRIYA, K.Ye.

Existence of conditionally critical points of functionals in $L^{(p)}$ space. Trudy Mat. inst. AN Gruz. SSR 27:269-274 '60. (MIRA 15:3)

(Banach spaces) (Functional analysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIRIYA, K.Ye. Cand Phys Math Sci -- (diss)
"Concerning critical points of the slightly continuous functional in Banach spaces." Tbilisi, Pub House of Acad Sci GSSR, 1958. Cover, 4 pp (Acad Sci GSSR. Tbilisi Math Inst im A.M. Razmadze) 100 copies (KL, 21-58,88)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIRIYA, K.Ye.

Conditional exteme of a functional in Hilbert space in the case of a continuous number of connections. Soob. AN Gruz. SSR 31 no. 3:529-535 S '63. (MIRA 17:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

67091

~~16(1)~~ 16.4600 SOV/44-59-1-486

Translation from : Referativnyy zhurnal.Matematika,1959,Nr 1, p 100 (USSR)

AUTHOR: Tskiriya, K.Ye.

TITLE: On Critical Points of a Weakly Continuous Functional in Banach Spaces

PERIODICAL: Tr. Tbilissk.matem. in-ta. AN Gruz SSR 1957,24, 89 - 110

ABSTRACT: The author investigates the question whether the weakly continuous functional $f(x)$ possesses conditional critical points on the hypersurface P in the real regular Banach space E with basis. It is assumed that $f(x)$ is a functional defined for $x \in E$ differentiable according to Frechet. The hypersurface P is given by the system of equations $\varphi_i(x) = 0$ $(i = 1,\ldots,n)$, where $\varphi_i(x)$ are differentiable functionals too.

The problem of the conditional extremum of the functional $f(x)$ is reduced to the investigation of the non-linear operator equation

$$L_f x = \sum_{i=1}^{n} \lambda_i L_{\varphi_i} x \qquad (1)$$

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

67091

16(1) SOV/44-59-1-486

On Critical Points of a Weakly Continuous Functional in Banach spaces

where L_f and L_{φ_i} are gradients of the functionals $f(x)$ and $\varphi_i(x)$; λ_i are Euler-Lagrange factors.

In §§ 1-2 the position of the problem and some well-known notions and theorems are to be found. § 3 considers the case, where $n = 1$, $E = L_p$ $(p > 1)$ and where P is a weakly closed hypersurface. The existence of a conditional critical point of $f(x)$ on P is proved.

In § 4 the author investigates the case, where $n = 1$, E is a regular Banach space with basis and P is given by the equation $\varphi(x) = 1$, where $\varphi(x)$ is a twice differentiable convex functional of Minkowski. In § 5 the theorem on the existence of a conditionally critical point of $f(x)$ on P is proved, if n is an arbitrary natural number, while L_f and L_{φ_i} satisfy certain conditions. In § 6 a method for the case $E = L_p$ is given which simplifies the proofs of § 5.

The investigations of the author are generalizations of some results of Lyusternik - Shmirl'man and of the reviewer.

E.S. Tsitlanadze

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIRIYA, K.Ye.

Critical points of a weak continuous functional in a Banach space. Trudy Mat. inst. AN Gruz. SSR 24:89-110 '57. (MIRA 11:3)
(Calculus of variations) (Spaces, Generalized)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TSKIRIYA, K.Ye.

A general problem of operational calculus in Banach spaces. Trudy Mat. inst. AN Gruz. SSR 29:197-203 '63. (MIRA 17:12)

Stability of conditionally critical points of functionals. Ibid.:205-211

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0

TAVADZE, F.N., akademik; TSKITISHVILI, M.D.

Effect of nitrogen on the heat resistance of multicomponent chromium-manganese alloys of a certain composition. Soob.AN Gruz.SSR 28 no.1:73-78 Ja '62. (MIRA 15:4)

1. Akademiya nauk Gruzinskoy SSR, Institut metallurgii, Tbilisi.
2. Akademiya nauk Gruzinskoy SSR (for Tavadze).
(Chromium-manganese steel--Thermal properties)
(Nitration)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757120017-0"