

MUKHA, I.M.; ZGURSKIY, V.A. [Zhurs'kiy, V.A.]; GLOBA, I.V. [Hloba, L.V.];
NADEMSKIY, Yu.N. [Nadema'kiy, IU.M.]

Use of hard alloys in the textile industry. Ish.prom. no.2:40-42
Ap-Je '65. (MIRA 18:10)

PUSHKIN, Veniamin Noyevich; ZGURSKIY, Vladimir Semenovich; IVANOV, S.M.,
red.; RAKITIN, I.T., tekhn. red.

[Man and automatic machine; psychology and technology]Chelovek
i avtomat; psikhologiya i tekhnika. Moskva, Izd-vo "Znanie,"
1963. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya:
Tekhnika, no.6) (MIRA 16:2)
(Automatic control) (Human engineering)

ZOUT, M.

FDD

164789

PA 164789

USSR/Radio - Test Equipment
Lamps, Incandescent

JUL 50

"Measuring High-Frequency Currents," M. Zgut

"Radio" No 7, pp 58-59

Describes measuring device consisting of case with frosted-glass front and opaque partition between incandescent lamp connected with hf circuit and another lamp operating on dc, permitting comparison of respective brilliancies. Gives tables of measuring limits for following lamps: MO-9, -10, -12 (home lighting), Zn-2 and -6 (for

164789
JUL 50

FDD

USSR/Radio - Test Equipment
(Contd)

railroads), A-15, -9, -16 (automobiles), K-1 and -2 (cinemas), and low-voltage indicator and miniature lamps.

ZGUT, Moisey Abramovich; NOVIKOV, Ye.S., red.

[Visual aids in radio engineering] Nagladye posobia po
radiotekhnike. Izd.2., perer. i dop. Moskva, Izd-vo "Sviaz',"
1964. 319 p. (MIRA 17:8)

ZGINT, Moisey Abramovich,; VASIL'YEV, B.A., nauchnyy red.; NOVIKOVA,
Ye. S., red.; RITTEBERGER, N.V., tekhn. red.

[Visual aids for radio engineering] Nagliadnye posobiya po
radiotekhnike. Moskva, Gos. izd-vo lit-ry po voprosam svyazi
i radio, 1958. 246 p. (MIRA 11:11)

(Radio)

ZGUT, Moisey Abramovich; ZHEREBTSOV, I.P., red.

[Conventional designations of radio circuits] Uslovnye
oboznacheniia i radioskhemy. Moskva, Energiia, 1964.
111 p. (Massovaia radiobiblioteka, no.557)
(MIRA 18:4)

9 (3)

PHASE I BOOK EXPLOITATION

SOV/1288

Zgut, Moisey Abramovich

Naglyadnyye posobiya po radiotekhnike (Visual Aids for Radio Engineering) Moscow, Svyaz'izdat, 1958. 246 p. 13,000 copies printed.

Scientific Ed.: Vasil'yev, B.A.; Ed.: Novikova, Ye.S.; Tech. Ed.: Rittberger, N.V.

PURPOSE: This book is intended for the teaching staffs of special secondary schools.

COVERAGE: The book gives a systematic description of visual methods of teaching radio engineering subjects. According to the author, the present work is a new approach to the use of visual aids in teaching and includes many concepts formulated for the first time. He thanks the editor, B.A. Vasilyev, and A.M. Khalfin, who reviewed the chapter on cathode-ray tubes. There are 76 references, of which 73 are Soviet, 1 English, 1 Polish, and 1 German.

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Visual Aids for Radio Engineering

SOV/1288

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"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964520004-0

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964520004-0"

FALUDI, B.; FEDORCSAK, I.; ZGYERKA, S., MUHLRAD, A.

The chemical properties and active group of rhodanese and the mechanism of rhodanese action; a preliminary report. Acta physiol.hung. 7 no.1-2:175-178 1955.

1. Institute of general biology, Eotvos Lorand University, Budapest.

(ENZYMES,
rhodanese)

ZHABALIYEV, M. A., Cand Agric Sci (diss) -- "The effectiveness of industrial crossing of Landras swine with the Large Black and Mirgorod breeds". Moscow, 1959. 18 pp (All-Union Sci Res Inst of Animal Husbandry), 150 copies (KL, No 9, 1960, 127)

L 26720-66 FSS-2/EWT(1) WR

ACC NR: AP6013174

(A) SOURCE CODE: UR/0256/66/000/004/0041/0042 50

AUTHOR: Zhabenok, G. N. (Lieutenant Colonel); Yermakov, A. I. (Engineer, Lieutenant Colonel) 5

ORG: none

TITLE: Disassembling defense radar 24

SOURCE: Vestnik protivovozdushnoy oborony, no. 4, 1966, 41-42

TOPIC TAGS: defense radar, radar component, radar antenna

ABSTRACT: The article deals with disassembling defense radar for a march and reassembling it under modern combat conditions. Radar subunits have worked out several variants for this purpose. Lowering and lifting the radar antenna is accomplished with a hard jack or with the aid of a triphase motor. The procedure is described for assembling and disassembling radar equipped with a receiving and transmitting cabin. Orig. art. has: 4 figures. [RT] 35

SUB CODE: 17,15/ SUBM DATE: none

Card 1/1 FV

ZHABENKA, R.P.

Lithuanian Research Institute for Animal Husbandry and Veterinary
Medicine. Trudy VIEV 23:355-356 '59. (MIRA 13:10)
(Lithuania—Veterinary research)

ZHABIN, Aleksandr Dmitriyevich; SHALYT, N.A., red.; NESMYSLOVA, L.M.,
tekhn. red.

[Manual on automobile driving] Uchebnoe posobie po vozhdeniiu
avtomobilia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekh-
izdat, 1961. 110 p. (MIRA 15:4)

(Automobile drivers)

SVESHNIKOVA, Ye.V.; ZHABIN, A.G.; YAKOVLEVSKAYA, T.A.; ALEKSANDROV, V.B.

Columbite containing titanium from alkali massifs. Trudy Min.muz.
no.16:268-270 '65.

(MIRA 18:8)

YES'KOVA, Yevdokiya Mikhaylovna; ZHABIN, Arkadiy Grigor'yevich;
MUKHITDINOV, German Nasykhovich

[Mineralogy and geochemistry of rare elements in the
Vishnevyye Mountains] Mineralogiia i geokhimiia redkikh
elementov Vishnevyykh gor. Moskva, Izd-vo "Nauka," 1964.
318 p. (MIRA 17:10)

ZHABIN, A.G.; CHAREPIVSKAYA, G.Ye.

Rheomorphic veins of liquefied sandstone, fenitized sandstone, and tuffaceous sandstone dikes from the Maymecha-Kotuy magmatic province in Arctic Siberia. Dokl. AN SSSR 156 no. 4:851-854 Je '64. (MIRA 17:6)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov. Predstavleno akademikom D.S.Korzhinskim.

ZHABIN, A. G.; SAMSONOVA, N. S.

Carbonate rocks from the alkaline complex of the Vishnevyye
Mountains in the Urals. Trudy IMGRE no.9:224-239 '62.
(MIRA 16:1)

(Vishnevyye Mountains--Rocks, Carbonate)

ZHABIN, A. G.; SVIAZHIN, N. V.

Concentric-zonal aggregates of rare earth minerals from the
alkaline complex in the Vishnevyye Mountains. Trudy IMGRE
no.9:55-66 '62. (MIRA 16:1)

(Vishnevyye Mountains--Rare earth metals)

ZHABIN, A.G.; PUDOVKINA, Z.V.; BYKOVA, A.V.

Calzirtite from the Gulinskaya intrusion of ultrabasic
alkaline rocks in polar Siberia. Dokl. AN SSSR 146 no.6:1399-
1400 0 '62. (MIRA 15:10)

1. Institut mineralogii, geokhimii i kristallokhimii redkikh
elementov AN SSSR. Predstavleno akademikom N.V. Belovym.
(Siberia, Eastern--Zirconates)

ZHABIN, A.G.

Morphology and genesis of parallel columnar aggregates. Zap. Vses.
min. ob-va 87 no.5:575-589 '58. (MIRA 12:1)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elemen-
tov AN SSSR, Moskva.
(Mineralogy)

ZHABIN, A.G.; KAZAKHOVA, M.Ye.

Thorite from the alkaline complex of the Vishnevyye Mountains in the
Urals. Dokl.AN SSSR 134 no.1:164-167 S '60. (MIRA 13:8)

1. Predstavleno akad. D.I. Shcherbakovym.
(Vishnevyye Mountains--Thorite)

3(5)

AUTHORS:

Zhabin, A. G., Mukhitdinov, G. N.

SOV/20-126-5-39/69

TITLE:

On the Hypogene Dispersion Halo of Rare Earths Around the Vishnevogorskaya-Il'menogorskaya Miascite Intrusion (South Ural) (O gipogennom oreole vynosa redkikh zemel' vokrug Vishnevogorsko-Il'menogorskoy intruzii miaskitov) (yuzhnyy Ural))

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 5, pp 1055-1057 (USSR)

ABSTRACT:

The intrusion of the biotite-nepheline-syenites (miascites) mentioned in the title lies in the core of an anticlinal fold of meridional range. This fold constitutes a structural part of the Sysertsko-Il'menogorskiy antilinerium and of the Il'menogorskaya suite consisting of gneiss and crystalline slate (separated out by B. M. Ronenson in 1958). The endocontact varieties of the miascite were transformed into nepheline-less alkaline syenites due to the interaction with the containing rocks. The containing rocks of the intrusion exocontact were metasomatically and extensively transformed into aegirite-augite-microcline- and biotite-microcline-phenites. In the phenite zone of the northern part of the Vishnevyye gory a great variety of rare earths was ascertained. Besides the known rare earths (orthite, chevkinite,

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On the Hypogene Dispersion Halo of Rare Earths Around SOV/20-126-5-39/69
the Vishnevogorskaya-Il'menogorskaya Miascite Intrusion (South Ural)

and eschynite) also bastnasite, britholite, monacite, rare-earth thorianite, betafite and niobo-eschynite were found. The rare earths are also present in the calcite, sphene (in tenths of per cent) as well as in the apatite. Inside the intrusion mentioned in the title, manganese-orthite (Ref 3) was only found singly. Various paragenetic associations of the minerals of rare earths appear, which belong to different stages of the mineral formation, which are genetically connected with the said intrusion. The earliest paragenesis is apparently formed by orthite-containing phenites, gneiss transformed into phenite, and the calcite-diopside-scapolite rocks. The next association is bound to feldspar-pegmatites deposited in the phenites and the above-mentioned gneiss (eschynite, betafite, orthite). One part of these veins is siliceous miascite, another part is quartz-microcline-granite-pegmatite transformed into phenite. A regular gravitation of the eschynite to the endo- and exo-contact of the miascite pegmatites deposited in containing rocks speaks of an undoubtful loss on erosion, (vynos) of the rare earths from the pegmatites into the rocks last mentioned. The principal mass of the rare earths is scattered in calcite and

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On the Hypogene Dispersion Halo of Rare Earths Around SOV/20-126-5-39/69
the Vishnevogorskaya-Il'menogorskaya Miascite Intrusion (South Ural)

apatite. The most interesting paragenetic associations, in which rare earths take part, belong to the 2nd phase of the carbonatization stage which fill out the cracks of the phenite as small veins. After the carbonatization stage, small veins of quartz-arfvedsonite are formed in the phenites. All interesting discoveries of chevkinite were made here. Also britholite (recently found to be identical with lessingite (Ref 6)) was found here. The composition of the rare earths in the said minerals is very similar: Cerium dominates over all others. The sum of lanthanum, cerium and neodymium amounts, for example in orthite, to 94.4% of the total quantity of rare earths, in the chevkinite to 96, in the eschynite to 80.5% (according to data by Ye. M. Yes'kova) and in the calcite to 89%. There are 5 references, 4 of which are Soviet.

ASSOCIATION: Institut mineralogii, geokhimii i kristallografii redkikh elementov
(Institute of Mineralogy, Geochemistry and Crystallography of Rare Elements)

PRESENTED: January 16, 1959, by D. I. Shcherbakov, Academician

SUBMITTED: January 14, 1959
Card 3/3

ZHABIN, A.G.

Thaumasite from the area of the Nikolaye-Maksimilianovskaya deposit
in the southern Urals. Trudy MGRI 31:134-141 '57. (MIRA 11:6)
(Ural Mountain--Thaumasite)

ZHABIN, A.G.; ALEKSANDROV, V.B.; BUROVA, T.A.

New data on fersmite. Zap.Vses.min.ob-va 90 no.3:270-280 '61.
(MIRA 14:10)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh
elementov AN SSSR i Institut geologii rudnykh mestorozhdeniy,
mineralogii, petrografii i geokhimii AN SSSR, Moskva.
(Fersmite)

MINEYEV, D.A.; MAKAROV, B.A.; ZHABIN, A.G.

Behavior of the lanthanide series in the alteration processes
taking place in rare earth metals. Geokhimiia no.7:590-597 '62.
(MIRA 15:7)

1. Institute of Mineralogy, Geochemistry and Crystal
Chemistry of Rare Elements, Moscow and the Ilmen State Mineral
Preserve, Ural.

(Rare earth metals)

ZHABIN, A.G.; GAYDUKOVA, V.S.

Interrelation of pyrochlore, fersmite, and columbite niobates
in alkaline syenite and carbonatite complexes. Geol.rud.
mestorozh. no.1:87-98 Ja-F '62. (MIRA 15:2)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh
elementov AN SSSR, Moskva, i Vsesoyuznyy nauchno-issledovatel'-
skiy institut mineral'nogo syr'ya, Moskva.
(Mineralogy)

ZHABIN, A.G.; KAZAKOVA, M.Ye.

Barylite ($\text{BaBe}_2[\text{Si}_2\text{O}_7]$) from the Vishnevyye Mountains as the first find in the U.S.S.R. Dokl.AN SSSR 134 no.2:419-421 S '60. (MIRA 13:9)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov Akademii nauk SSSR. Predstavleno akademikom D.I. Shcherbakovym.
(Vishnevyye Mountains--Barylite)

ZHABIN, A.G.; CHEREPIVSKAYA, G.Ye.

Carbonate dikes in connection with ultrabasic-alkali effusive rocks. Dokl. AN SSSR 160 no.1:200-203 Ja '65.

(MIRA 18:2)

1. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Submitted July 7, 1964.

ZHABIN, A.G.; DIKOV, Yu.P.

Pyrite of the dendrite type. Zap.Vses.min.ob-va 88 no.3:331-333 '59.
(MIRA 12:11)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov
AN SSSR, Moskva.

(Nura-Taldy region (Kazakhstan)--Pyrites)

ZHABIN, A. G.

Pseudomorph of actinolite substituted for calcite. Zap. Vses. min.
ob-va 89 no.1:106-107 '60. (MIRA 13:10)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh
elementov AN SSSR, Moskva.
(Pseudomorpha) (Calcite) (Actinolite)

ZHABIN, A.G.; ALEKSANDROV, V.B.; KAZAKOVA, M.Ye.; FELICHEV, V.G.

First find of nonmetamict eschynite (Vishnevyye Mountains, Urals).
Dokl. AN SSSR 143 no.3:686-689 Mr '62. (MIRA 15:3)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh
elementov AN SSSR. Predstavleno akademikom D.I. Shcherbakovym.
(Vishnevyye Mountains--Eschynite)

ZHABIN, A.G.; ALEKSANDROV, V.B.; KAZAKOVA, M.Ye.

Aeschynite of hydrothermal genesis from the Vishnevyye Mountains.
Trudy IMGRE no.7:108-112 '61. (MIRA 16:11)

ZHABIN, A.G.

Catapleiite from the Vishnevyye Mountains. Trudy IMGRE no.7:100-
103 '61. (MIRA 16:11)

ZHABIN, A.G.; VORONKOV, A.A.; KHALEZOVA, Ye.B.; KAZAKOVA, M.Ye.

New data on accessory davidite from the Vyshnevyye Mountains
in the Ural Mountains and the so-called "ufertite" and
"ferutite." Trudy IMGRE no.15:110-120 '63. (MIRA 16:11)

ZHABIN, A. G.

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PHASE I BOOK EXPLOITATION

EGV/5740

Akademiya nauk SSSR. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov

Voprosy mineralogii, geokhimii i genezisa matorozhdeniy redkikh elementov
(Problems in Mineralogy, Geochemistry, and Deposit Formation of Rare Elements)
Moscow, Izd-vo AN SSSR, 1960. 277 p. (Series: Its: Trudy, vyp. 4) Errata
printed on the inside of back cover. 2,200 copies printed.

Chief Ed.: K. A. Vlasov, Corresponding Member, Academy of Sciences USSR;
Resp. Ed.: V. V. Lyakhovich; Ed. of Publishing House: L. S. Tarasov;
Tech. Ed.: P. S. Kashina.

PURPOSE: This book is intended for geologists, mineralogists, and petrographers.

COVERAGE: This is a collection of 23 articles on the formation, geology,
mineralogy, petrography, and geochemistry of deposits of rare elements in
Siberia and [Soviet] Central Asia. The distribution and characteristics of
rare elements found in these areas as well as some quantitative and qualitat-
tive methods of investigating the rocks and minerals in which they are found,

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Problems in Mineralogy (Cont.)

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or with which they are associated, are discussed. Two articles present an economic investigation of the possibilities of industrial extraction and utilization of selenium, tellurium, and hafnium. No personalities are mentioned. Each article is accompanied by references.

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GEOCHEMISTRY

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MINERALOGY AND PETROGRAPHY

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Korkin, V. I., Yu. A. Pyatenko, and A. V. Bykova. On Britholite of the Alkaline Rocks of Southeastern Tuva

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Problems in Mineralogy (Cont.)

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ECONOMICS OF RARE ELEMENTS

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AVAILABLE: Library of Congress

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JA/422/1225
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LETOKHOV, V.S.; VATSURA, V.V.; PUKHLIK, Yu.A.; FEDOTOV, D.I.; KOSOZHICHIN, A.S.; ZHABOTINSKIY, M.Ye.; DASHEVSKAYA, Ye.I.; KOZLOV, A.N.; RUVINSKIY, L.G.; VASIN, V.A.; YURGENEV, L.S.; NOVOMIROVA, I.Z.; PETROVA, G.N.; SHCHEDROVITSKIY, S.S.; BELYAYEVA, A.A.; BRYKINA, L.I.; GLEBOV, V.M.; DRONOV, M.I.; KONOVALOV, M.D.; TARAPIN, V.N.; MIKHAYLOVSKIY, S.S.; ZHEGALIN, V.G.; ZHABIN, A.I.; GRIBOV, V.S.; MAL'KOV, A.P.; CHERNOV, V.N.; RATNOVSKIY, V.Ya.; VOROB'YEVA, L.M.; MILOVANова, M.M.; ZARIPOV, M.F.; KULIKOVSKIY, L.F.; GONCHARSKIY, L.A.; TYAN KHAK SU

Inventions.. Avtom. 1 prib. no.1:78-80 Ja-Mr '65.

(MIRA 18:8)

ZHABIN, A.I., inzh.; RYBAL'CHENKO, P.S., inzh.; SHISHMAREV, L.I., inzh.;
KNOBLOKH, V.P., inzh.

Determining tolerances for machining bushing holes eliminating
their scraping after press fitting. Vest. mashincstr. 45 no.5:
41-45 My '65. (MIRA 18:6)

ZHABIN, A.I.; RYBAL'CHENKO, P.S.; PRIVIS, L.I.; PODMOGIL'NYY, V.I.

Lapping conic couplings of parts. Mashinostroitel' no.2:10-
12 F '64. (MIRA 17:3)

ZHABIN, G.I., inzh.; SAL'NIKOV, V.R., inzh.

Shield method of hydraulic mining of steeply pitching seams. Trudy
VNIIGidrouglia no.1:42-48 '62. (MIRA 16:12)

1. Sibirskiy metallurgicheskiy institut (for Zhabin).
2. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut dobychi uglya gidravlicheskim sposobom (for Sal'nikov).

ZHABIN, G.I., inzh.

Selecting an efficient position of cross holing in the seam
thickness of support pillars. Trudy VNIIGidrouglia no.1:49-57
'62. (MIRA 16:12)

1. Sibirskiy metallurgicheskiy institut.

MUCHNIK, V.S., prof., doktor tekhn. nauk; TEODOROVICH, B.A., kand. tekhn. nauk;
ZHABIN, G.I., inzh.; SAL'NIKOV, V.R., inzh.

Automatic shield used for the undercutting of a thin layer
from a coal block by means of a strong jet of water. Trudy
VNIIGidrouglia no.2:3-12 '63. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy
institut dobychi uglya gidravlicheskim sposobom.

ZHABIN, G.I., inzh.; KHVOSHCHESKIY, N.M., inzh.

Arched shields used for the hydraulic mining of thin, steeply pitching seams. Trudy VNIIGidrouglia no.2:19-27 '63.

(MIRA 17:6)

1. Sibirskiy metallurgicheskiy institut (for Zhabin).
2. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut dobychi uglya gidravlicheskim sposobom (for Khvoshchevskiy).

ZHABIN, G.I., inzh.; KUPRIN, A.I., kand. tekhn. nauk

Studying the geometric parameters of a shielded stope and the power capacity of hydraulic conveying. Trudy VNIIGidrouglia no.2:35-45 '63.

Studying the parameters of washout and hydraulic conveying of coal in shielded stopes. Ibid.:46-65 (MIRA 17:6)

1. Sibirskiy metallurgicheskiy institut.

ZHABIN, G.I., dotsent

Determining an efficient angle of incline of the ground in
shield method mining with hydraulic conveying. Trudy VNIIG-
idrouglia no.32125-127 '63 (NIRA 18:2)

1. Sibirskiy metallurgicheskiy institut.

KUPRIN, A.I., kand.tekhn.nauk; ZHABIN, G.I., inzh.; SMORODSKIY, V.V., inzh.

Hydraulic conveying in shield method of mining. Izv.vys.ucheb.zav.;
gor.zhur. 6 no.11:16-21 '63. (MIRA 17:4)

1. Sibirskiy metallurgicheskiy institut imeni Ordzhonikidze (for
Kuprin, Zhabin). 2. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.
Rekomendovana kafedroy gidrodobychi Sibirskogo metallurgicheskogo
instituta.

ZHABIN, G.I., dotsent

Determining an efficient shape for the side edges of a shield in coal mining by the method of thin-layer hydraulic undercutting of the pillars. Trudy VNIIGidrouglia no.4:37-39 '64.
(MIRA 18:3)

1. Sibirskiy metallurgicheskiy institut.

ZHABIN, I., podpolkovnik, voyennyy letchik pervogo klassa

Notebook of a political worker and air pilot. Av. i kosm.
46.no.11:58-62 N '63. (MIRA 17:1)

NORKIN, Sim Borisovich; BERRI, Roza Yakovlevna; ZHABIN, Ivan
Andreyevich; POLOZKOV, Dmitriy Petrovich; ROZENTAL',
Mariya Iosifovna; SULEYMANOVA, Khafaza Raziyeвна;
TAL'SKIY, D.A., red.; YEZHOVA, L.L., tekhn. red.

[Elements of computer mathematics] Elementy vychisli-
tel'noi matematiki. Izd.2., perer. i dop. [By] S.B.
Norkin i dr. Moskva, Gos.izd-vo "Vysshaya shkola," 1963.
209 p. (MIRA 16:12)

(Approximate computation)

ABRAMOV, Yu.I., mayor meditsinskoy sluzhby; ZHABIN, I.Z., mayor meditsinskoy
sluzhby

Portable apparatus for determining the concentration of some poisonous
gases in the air. Voen.-med. zhur, no.8:86-87 Ag '61. (MIRA 15:2)
(AIR POLLUTION)

ZHABIN, M., mayor; MAYOROV, A., kapitan; ASTAPENKO, V., leytenant;
DOVGAL', I., mayor

"Individual evaluation," discussion of the article published in
No. 4. Voen. vest. 43 no.10:74-76 O '63. (MIRA 16:12)

ANDREYEV, B.V.; ARTEM'YEV, S.P.; ARKHANGEL'SKIY, V.M.; AFANAS'YEV, L.L.;
BABKOV, V.F.; BRONSHTEYN, L.A.; BURKOV, M.S.; EURYANOV, V.A.;
VARSHAVSKIY, I.L.; VELIKANOV, D.P.; VOINOV, A.N.; VYRUBOV, D.N.;
DORMIDONTOV, A.V.; D'YACHKOV, A.K.; YEFREMOV, V.V.; ZHABIN, V.M.;
ZELENKOV, G.I.; KALABUKHOV, F.V.; KALISH, G.G.; KHAMARENKO, G.V.;
KRASIKOV, S.M.; LAKHTIN, Yu.M.; MIKULIN, A.A.; ORLIN, A.S.; OSTROVSKIY,
N.B.; OSTROVTSOV, A.N.; RUBETS, D.A.; STEPANOV, Yu.A.; STECHKIN, B.S.;
KHACHATUROV, A.A.; KHOVAKH, M.S.; CHAROMSKIY, A.D.; SHARAPOV, K.A.

Nikolai Romanovich Briling; obituary. Avt.transp. 39 no.4:57
Ap '61. (MIRA 14:5)

(Briling, Nikolai Romanovich, 1876-1961)

ZHABIN, V.Ye., mayor meditsinskoy sluzhby

Clinical peculiarities of some methods for applying splints in injuries
of the lower jaw. Stomatologiya 35 no.4:58-59 J1-Ag '56

(MLRA 10:4)

(DENTAL PROSTHESIS) (JAWS--WOUNDS AND INJURIES)

ZHABIN, V.Ye. (g.Borisov).

Position of patient in roentgenography of fractures of the necks
of mandibular rami. Stomatologiya no.1:61 Ja-F '54. (MLRA 7:1)
(Jaws--Fracture) (Radiography)

1ST AND 2ND CODES		PROCESSING AND PROPERTY NOTES		1ST AND 2ND CODES	
5		Method of Hot Extraction for Determining Hydrogen in Steel. V. A. Zhabina. (Zavodskaya Laboratoriya, 1947, vol. 13, pp. 275-281; Chemical Abstracts, 1948, vol. 42, May 20, col. 3283). A simple vacuum resistance furnace was constructed to obtain temperatures as high as 3000° for determining hydrogen by hot extraction at high temperatures. The service life of the heater can be extended to 8-10 months. The chief components of the furnace are shown; details will be given in a future paper dealing with determination of hydrogen, oxygen, and nitrogen in high-alloy steels. Two apparatus for determining hydrogen at low temperatures (up to 900°) are described. In one apparatus the hydrogen is determined by measuring the pressure drop after gases have passed over heated CuO and through P ₂ O ₅ solution; in the other apparatus the extracted gases are collected and analysed for their components.		21	
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION					
REGIONAL LITERATURE		REGIONAL LITERATURE		REGIONAL LITERATURE	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

7

Method of hot extraction for determining hydrogen in steel. V. A. Zhabina. *Zavodskaya Lab.* 13, 275-81 (1947). A simple vacuum resistance furnace was constructed to obtain temps. as high as 3000° for detg. H by hot extrn. at high temps. The service life of the heater can be extended to 8-10 months. The chief components of the furnace are shown; details will be given in a future paper dealing with detn. of H, O, and N in high-alloy steels. Two app. for detg. H at low temps. (up to 900°) are described. In one app. the H is detd. by measuring the pressure drop after gases have passed over heated CuO and through P₂O₅ soln.; in the other app. the extrd. gases are collected and analyzed for its components. B. Z. K.

ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ZHABIN, L.; IGOIKIN, V.

F.I. Shamraev's brigade has earned a commendable title.
Avt.dor. 22 no.11:6-7 N '59. (MIRA 13:2)
(Road construction)

ZHABIN, L.N., inzh.

Simple structure for heating asphalt and fuel oil. Avt. dor.
22 no.9:29 S '59. (MIRA 12:12)
(Asphalt) (Petroleum products)

L 02507-67

ACC NR: AP6016800 (A) SOURCE CODE: UR/0018/66/000/001/0034/0038

AUTHOR: Zhebin, M. (Major)

ORG: none

TITLE: Landing forces in the rear of the "enemy"

SOURCE: Voyenny vestnik, no. 1, 1966, 34-38

TOPIC TAGS: military tactic, military training

ABSTRACT: A paratroop platoon can carry out reconnaissance of important objectives in the rear of the enemy, can destroy individual elements, and can break communications and disrupt service work. To carry out these and other missions, paratroops are forced to act in complicated situations. They must shift rapidly from one form of warfare to another, with only a limited amount of military supplies, means of transport, and heavy weapons, and they must carry out swift movements in difficult terrain by day and night. To this end, personnel must be well trained, particularly in the tactical aspects. The article gives a detailed description of a training maneuver involving the employment of paratroops. It contains a topographical map of the area and transcriptions of the orders received by the various units involved in

Card 1/2

L 02507-67

ACC NR: AP6016800

the maneuver, as well as an evaluation of the results. Orig. ert. has:
1 figure.

SUB CODE: 15/ SUBM DATE: none

Card 2/2 *plw*

SHINEORSKIY, S.S.; ZHABIN, N.I.

Unit for overhauling wells. Neft. 1 gaz. prom. no. 3:47-49
J1-S '64. (MIRA 17:12)

ZHABIN, P., inzh.; GOKHBERG, S., inzh.

Machine for lapping crankshaft journals. Avt.transp. 39
no.10:48-49 0 '61. (MIRA 14:10)
(Grinding machines)

ZHABIN, S. I.

Opredelenie dal'nosti samoleta po dannym sokrashchennykh letnykh ispytaniy.
(Tekhnika vozdushnogo flota, 1940, no. 8, p. 50-58, diagrs.)

Title tr.: A method of determining the flying range of an airplane according
to data of brief flight tests.

TL504.T4 1940

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

ZHABIN, V.I., gornyy inzh.; MASHKOV, V.K., gornyy inzh.

Attending of two boring machines by a single worker. Gor, zhmr.
no.10:74-75 0 '64. (MIRA 18:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gorno-khimicheskogo syr'ya (for Zhabin). 2. Kombinat "Apatit" (for Mashkov).

KONSTANTINOVICH, N. V., prof.; GOMENYUK, I. P., kand. med. nauk;
SHRAMKO, N. P., kand. med. nauk; ZHABIN, V. I., dotsent

Frequency of metastases of uterine cancer into the ovaries.
Akush. i gin. 38 no.3:74-78 My-Je '62. (MIRA 15:6)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. N. V. Konstantinovich) i kafedry akuшерства i ginekologii (zav. - prof. M. K. Ventskovskiy) Vinnitskogo meditsinskogo instituta imeni N. I. Pirogova.

(UTERUS--CANCER) (OVARIES--CANCER)

TRUSOV, V.I., kand.tekhn.nauk; ZHABIN, V.N., inzh.

Effect of fuel feed with a pump and injector unit on operating
conditions of a high-speed diesel engine. Trudy MADI no.25:57-75
'60. (MIRA 13:10)

(Diesel engines)

ZHABIN, V.Ye. (g.Borisov)

Device for facilitating the preparation of a metallic tooth
die. Stomatologiya 38 no.3:78 My-Je '59. (MIRA 12:8)
(DENTISTRY--METALLURGY)

ZHABIN, V.Ye. (Borisov)

Partial three-sided tray for use in taking intraoral X-rays of the
upper molars. Stomatologiya 39 no.1:69-70 Ja-F '60. (MIRA 14:11)
(DENTAL INSTRUMENTS AND APPARATUS)
(TEETH--RADIOGRAPHY)

ZHABIN, V.V.

Nature of banding in the limestones of the Lower Cambrian effusive-
sedimentary formations in the Siniukha ore field. Trudy SNIIGGIMS
no.35:210-217 '64. (MIRA 18:5)

ZHABIN, V.V.

New data on the structure of the Sinyukha ore zone. Geol.
i geofiz. no.5:107-112 '63. (MIRA 16:8)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii,
geofiziki i mineral'nogo syr'ya, Novosibirsk.
(Altai Mountains---Geology, Structural)

SAPOZHNIKOV, Mikhail Mikhaylovich; RUDNIK, Rita Il'ichna; GORYACHEVA, Inna Aleksandrovna; ZHABINA, Margarita Dmitriyevna; BATYREVA, Galina Vladimirovna; TEPOV, A.V., doktor tekhn. nauk, prof., red.; GVIRTS, V.L., red. izd-va

[Tables and nomograms for the hydraulic calculation of plastic pipes] Tablitsy i nomogrammy dlia gidravlicheskogo rascheta plastmassovykh trub. Pod red. A.V.Teplova. Leningrad, 1961. 7 p. tables. (Leningradskii Dom nauchno-tekhn. propagandy. Obmen perezovym opytom. Seriya: Stroitel'naya promyshlennost', no.3) (MIRA 14:7)

(Pipe, Plastic--Tables, calculations, etc.)

ZAKHAROVA, Galina Vasil'yevna, kand. tekhn. nauk; POPOV, Ivan Alekseyevich, kand. tekhn. nauk; ZHOROVA, Liliانا Pavlovna; FEDIN, Boris Vladimirovich; Primali uchastiye: MUKHINA, Z.S., zasl. deyatel' nauki i tekhn. RSFSR; POPOVA, I.A., zasl. deyatel' nauki i tekhn. RSFSR; YEGOROVA, N.D., zasl. deyatel' nauki i tekhn. RSFSR; NIKITINA, Ye.I., zasl. deyatel' nauki i tekhn. RSFSR; ZHEMCHUZHAYAY, Ye.A., zasl. deyatel' nauki i tekhn. RSFSR; ZHABINA, V.A.; SAVITSKIY, Ye.M., red.; STROYEV, A.S., red.; ARKHANGEL'SKAYA, M.S., red. izd-va; KARASEV, A.I., tekhn. red.

[Niobium and its alloys] Niobii i ego splavy. By G.V.Zakharova i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 368 p. (MIRA 14:12)
(Niobium)

MARKOVETS, A.; ZHABINSKAYA, M.

Effect of cultivation practices in protecting grain crops from grain
flies (frit fly and *Chloreps pumiliensis*). Sber.nauch.trud.Inst.biol.
AN BSSR no.3:39-49 '52. (MIRA 9:2)
(Grain--Diseases and pests)

ZHABINSKAYA, M.I.

Study of frit flies of the genus *Chlorps* Meig. Vestsi AN BSSR.
Ser. biial. nav. no. 3:98-107 '60. (MIRA 14:1)
(MINSK PROVINCE—FRIT FLIES)

ZHABINSKAYA, M. I.

Cand Biol Sci - (diss) "Life cycle of the green-eyed fly (Chlorops Mg.), grain pests." Minsk, 1961. 19 pp; (Belorussian State Univ imeni V. I. Lenin); 220 copies; price not given; (KL, 7-61 sup, 227)

ZHABINSKAYA, M.I.

Larvae of some species of grass flies of the genus Chlorops
Mg. (Diptera, Chloropidae) in the European part of the U.S.S.R.
Ent. oboz. 42 no. 4: 924-934 '63. (MIRA 17:8)

1. Belorusskiy nauchno-issledovatel'skiy institut zemledeliya,
Minsk.

ZHABINSKAYA, M.I.

MARKOVETS, A.F., kandidat biologicheskikh nauk; ZHABINSKAYA, M.I.

The frit fly (*Oscinosoma frit* L.) in the White Russian S.S.R.
Sbor.nauch.trud.Inst.biol.AN BSSR no.2:62-72 '51. (MLRA 9:1)

(White Russia--Frit flies)

~~Z~~ HABINSKAYA, M. I.

USSR / General and Specialized Zoology. Insects. P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6758.

Author : Markovets, A. F., ~~Zhabinskaya, M. I.~~
Inst : Institute of Socialist Agriculture, AS BSSR.
Title : The Damage to Herbs by the Swedish Fly on the
Territory of Belorussian SSR.

Orig Pub: Sb. nauchn. tr. In-ta sots. s.-kh. AN BSSR,
1956, vyp. 4, 282-289.

Abstract: The results of damage by the swedish flies of various grain grasses 1-4 years old and of various mixtures of grasses were reported in five tables. The swedish fly damaged the majority of cultured and wild grain herbs, especially the field fescue grass and the timothy grass in the fall. One should avoid planting grains with the grasses or dust with a 12% hexachlorocyclohexane dust (8 kg/hect) the crops of the grains when 2-3 leaves appear. -- A. P. Adrianov.

Card 1/1

POLAND / Geochemistry. Cosmochemistry. Hydrochemistry. D

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70393.

Author : Mikhalek, Z. Zhabinsky, W.

Inst : Inst. geol.

Title : The Results of Preliminary Geochemical Investigation of Crakovian Magmatic Rocks.

Orig Pub: Biul. Inst. geol., 1957, 4, No 15, 149 - 166.

Abstract: The results of a determination of the content of certain rare elements in effusive rocks in the Ksheshovits vicinity are cited (in %): melaphyry (4 samples): Cu 0.006-0.0075; Ni 0.010-0.011; Cr 0.013-0.014; V 0.014-0.016; Pb 0.001; diabase (2 samples): Cu 0.005-0.006; Ni 0.008-0.011; Cr 0.007-0.010; V 0.011-0.013; Pb 0.002; Porphyry (4 samples): Cu 0.003-0.004; Ni 0.003-0.004; Cr 0.001-0.0015; V 0.003-0.004; Pb 0.0025-0.003. Mo is present in negligible

Card 1/2

ZHABINSKI, Iv., inzh.

Problems of the prospective heat-power engineering plan of
Bulgaria. Elektroenergiia 15 no. 7/8:23-27 J1-Ag '64.

ZHABINSKI, Ivan, inzh.

Possibilities for construction of open and semiopen thermo-electric plants. Elektroenergiia 12 no.9:19-22 '61.

(Electric power stations)

ZHABINSKI, Ivan, inzh.; KASABOV, Ivan, inzh.; AVRAMOV, Miki for, inzh.

Possibilities of improving heat systems of the Dimitrovo
Thermoelectric Plant. Elektroenergiia 12 no.11/12: 25-28 N-D '61.

ZHABINSKI, Ivan, inzh.

Main trends in the development of thermoelectric-power plants
up to 1970. Elektroenergiia 15 no.8:24-27 Mr '64

1. Energoproekt.

MIKHAILOV, N.M., prof. d-r t.n.; NIKOLOV, N., inzh.; ZHABINSKI, Iv., inzh.

Drying of the Maritsa-Iztok coal before its use in
electric power stations. Elektroenergiia 14 no.8:11-15
Ag '63.

ZHABINSKI, Ivan, inzh.

The forthcoming expansion of some Bulgarian heating and power plants.
Elektroenergiia 13 no.8:15-16 Ag '62.

1. Energoproekt.

ZHABINSKI, Ivan, inzh.

Conversion of steam boilers at the thermoelectric plants.
with back-pressure turbines. Tekhnika Bulg 11 no.9:339-341 '62.

ZHABINSKIY, Yan [Zhabinski, Jan]; ANTSYFOROVICH, Aleksandr
[translator]

[Possibility of mutual understanding. Translated from
the Polish] Vozmozhnost' vzaimoponimaniia. [2. izd. Lodz]
Gos. nauchn. izd-vo [n.d.] 186 p. (MIRA 18:10)

I. 7846-66 EWP(e)/EPA(e)-2/EWT(m)/EWP(i)/EPA(w)-2/EWP't)/EWP(b) IJP(c)
 ACC NR: AP5028119 JD/WH SOURCE CODE: UR/0048/65/029/011/2055/2058

AUTHOR: Klimov, V.V.; Nakhodnova, A.P.; Zhabkina, G.M.; Morgacheva, N.I.; Bronnikov, A.N.

ORG: none

TITLE: Ferroelectric properties of barium, lead, and calcium titanate base solid solutions [Report, Fourth All-Union Conference on Ferro-electricity held at Rostov-on-the Don 12-16 September 1964]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 11, 1965, 2055-2058

TOPIC TAGS: ferroelectric material, solid solution, barium, lead, calcium, titanate, Curie point, lattice parameter

ABSTRACT: The authors have determined the Curie points of 17 barium titanate-rich solid solutions of the barium titanate - lead titanate - calcium titanate system; the study was undertaken in view of the technical importance of the materials and the discordance of the available data on them. Uniform mixtures for synthesis were obtained by spray-drying solutions of barium, lead, calcium, and titanium nitrates. The resulting powders were roasted for 2-3 hours at 1000°C, compressed into 20 mm diameter 1.5-1.8 mm thick disks, and sintered at 1260-1340°C for 1-2 hours. Specimens for which the water absorption was less than 0.55% and the porosity less than 2-3% were selected for investigation. The selected specimens were analyzed, x-ray powder photographs were recorded, and their Curie points were determined within 2°C by di-

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L 7846-66

ACC NR: AP5028119

electric constant measurements. It was found that the Curie point increased with decreasing barium content when either the calcium content, the lead content, or their ratio was held constant. When the barium content was held constant the Curie point increased with increasing lead content. The variation of the Curie point with composition in the region of relatively high calcium content differed from that found by McQuarry (J.Amer.Ceram. Soc., 40, No. 2, 35 (1957)) and T.Ikeda (J.Phys.Soc. Japan, 3, No. 4, 335 (1958)), the present measurements giving the higher Curie points in this region. The solid solutions with the higher Curie temperatures had unit cells with larger volumes and, in agreement with the findings of McQuarry and Ikeda (loc.cit. supra), higher degrees of lattice tetragonality. The increase of the Curie temperature with increasing calcium, decreasing barium, and constant lead content contradicts the current opinion that the Curie temperatures of ferroelectrics with the perovskite structure are increased by increasing the volume and polarizability of the ions at the A-sites in ABO_3 crystals. The discrepancy between the present results and those obtained by other authors with single compounds and binary systems is obviously to be explained by the fact that the laws governing the behavior of three-component systems containing A-type ions with different electronic structures are more complex than those applicable to binary systems. The discovery of these laws will require further investigation. Orig. art. has: 5 figures and 1 table.

SUB CODE: SS, EM

SUBM DATE: 00/

ORIG. REF: 003

OTH REF: 006

Card

2/2

VORONIN, M.I., dotsent; GRYAZNOV, V.I., dotsent; KETLER, V.O., dotsent;
PRASOV, L.Z., dotsent; VOZNESENSKIY, G.D., dotsent, kand.tekhn.nauk;
ZHABOTINSKAYA, L.A., dotsent, kand.tekhn.nauk; ISAKOV, I.M., dotsent,
kand.tekhn.nauk; LAZEBNIKOV, Yu.S., dotsent, kand.tekhn.nauk;
PROTSENKO, A.I., assistant

Manual on the design of railroads. Transp. stroi. 14 no.6:57-59
Je '64.

Through the pages of foreign magazines. Ibid.:55-56

(MIRA 18:2)

1. Leningradskiy ordena Lenina institut inzhenerov zheleznodoro-
znoznogo transporta imeni akademika V.N.Obratsova (for Voronin,
Gryaznov, Ketler, Prasov). 2. Novosibirskiy institut inzhenerov
zheleznodoroznogo transporta (for Voznesenskiy, Zhabotinskaya,
Isakov, Lazebnikov, Protsenko).

ZHABITSKAYA, L.G.; SHAKHRIMAN'YAN, I.K.

Using the testimonies of witnesses for the study of perceptual processes. Vop. psikhol. 11 no.2:148-154 Mr-Apr '65.

(MIRA 18:6)

1. Kishinevskiy gosudarstvennyy universitet.