ZLIZINA, A.G.

Correlation between recent relief and structural forms in the southern spurs of the Obshchiy Syrt. Uch.zap.Kuybysh.un. 37 no.4:104-108 '58. (MIRA 15:4)

(Obshchiy Syrt--Landforms)

ZLIZINA, A.G.; KAN, Ye.K.

Outlook for finding oil and gas pools in sediments overlying salt deposits in the Volga-Ural interfluve. Geol. nefti i gaza 7 no.6: 8-14 Je '63. (MIRA 16:9)

1. Trest Ural'skneftegazrazvedka i Kazakhskiy politekhnicheskiy institut.

ZLIZINA, A.G.

Classification of oil and gas deposits. Izv. AN Kazakh. SSR. Ser. geol. no.3:72-77 '59. (MIRA 13:12)
(Petroleum geology) (Gas, Natural--Geology)

ZLNAY, Karol, inz.

Removal of the troublesome drying out of finishing materials on hard fiberwood panels. Drevo 19 no.4:152 Ap '64

ZLNAY, Karol, inz.; DERER, Miroslav, inz.

Bleaching and staining of wood in a single process. Drevo 20 no.3:107-108 Mr '65.

ZLNAY, Karol, inz.

Removal of the felt lining traces from ski varnish. Drevo 20 no.3:111-112 Mr '65.

ZLNAY, Karol, inz.

Application of coating materials based on urea. Drevo 19 no.10: 385-387 O '64.

1. State Research Institute of Wood, Bratislava.

ZLOBENKO, V.G. [Zlobenko, V.H.]; ZLOBENKO, I.F.

Origin and stratigraphic setting of porphyroblastic polymigmatites in the middle of the Saksagan' Basin. Geol.zhur.22 no.1:81-87 '62. (MIRA 15:2)

1. Trest "Kiyevgeologiya."
(Saksagan' Valley--Migmatites)

ZLOBENKO, V.G. [Zlobenko, V.H.]; ZLOBENKO, I.F.

Origin and stratigraphic setting of porphyroblastic polymigmatites in the middle of the Saksagan' Basin. Geol.shur.22 no.1:81-87 '62. (MIRA 15:2)

1. Trest "Kiyevgeologiya."
(Saksagan' Valley--Migmatites)

ZLOBIN, A.I., inzh.

Vibration and roller sifter. Stroi. i dor. mash. 9 no.3:31-32 Mr '64. (MIRA 17:6)

ZLOBIN, A.M.

Injection of field waste waters into wells of the Oil Field Administration of the Chapayevsk Petroleum Trust. Neft'eprom. delo no.10:19-23 '63. (MIRA 17:6)

1. Neftepromyslovoye upravleniye "Chapayevskneft'".

ZLOBIN, A.Ya.

Repair equipment for centrifugal pumps. Transp. i khran. nefti i nefteprod. no.1:13-16 '65. (MIRA 18:4)

1. Kuybyshevskoye nefteprovodnoye upravleniye.

ZLOBIN, A.Ya.

Removing paraffin residues from tanks. Transp. i Khran. nefti i nefteprod. no. 2:24-28 '64. (MIRA 17:5)

1. Proizvodstvenno-konstruktorskoye byuro Kuybyshevskogo nefteпromyslovogo upravleniya.

ZLOBIN, A.; KOROSTELEVA, Ye., redaktor; YAKOVLEVA, Ye., tekhnicheskiy redaktor

[Inventor of automatic machinery] Tvorets avtomatov. [Moskva] Moskovskii rabochii, 1951. 34 p. [Microfilm] (MLRA 7:10)
(Savvin, IAkov Ivanovich)
(Machinery, Automatic)

ZLOBIN, Anatoliy

Bol'shoy Shagayushchiy (Big Walking Excavator.) Moskva, Goskul'tprosvetizdat, 1952.
163 P. Illus., Ports.

SO: M/5
741.51
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ZLOBIN, Anatoliy; SMIRNOV-CHERKEZOV, A.; AZHAYEV, Vasiliy, red.; VASILEVSKIY, Vitaliy, red.; VERSHIGORA, Petr, red.; DANIN, Daniil, red.; PROMYSLOV, V.F., red.; KORENEV, G., red.izd-va; YAKOVLEVA, Ye., tekhn.red.

[Twenty-three stories on builders] 23 rasskaza o stroiteliakh. Moskva, Mosk.rabochii, 1958. 386 p. (MIRA 12:11)
(Moscow--Construction workers)

ZLOBIN, Anatoliy Pavlovich; VISHNYAKOVA, Ye.A., red.; MATVEYEV, A.P., tekhn.red.

[The meridian of Baikal] Baikal'skii meridian. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 190 p. (MIRA 13:4)
(Siberia--Description and travel)

ZLOBIN, ANATOLI PAVLOVICH

ZLOBIN, Anatoliy Pavlovich; AYDINOV, G., red.; KOVALEV, A., tekhn.red.

[Report from a floating bridge; a sketch describing no conflicts, with prolog and epilog] Reportazh s naplavnogo mosta; beskonfliktnyi ocherk s prologom i epilogom. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1957. 43 p. (MIRA 10:12)
(Kuybyshev Hydroelectric Power Station)

ZLOBIN, A.Ya.

Automation of boilers operating on gas fuel. Transp. i khran.nefti no.6:13-17 '63. (MIRA 17:3)

1. Kuybyshevskoye nefteprovodnoye upravleniye.

ZLOBIN, B. A., Cand Tech Sci -- (diss) "Theory, rational construction, and braking conditions of block-band brakes." Moscow, 1960. 26 pp; with charts; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev); 200 copies; free; (KL, 19-60, 134)

ZLOBIN, B.A., inzhener.

Problem of speeding up Maltese cross mechanisms. Stroi. i dor. mashinostr. 1 no.1:20-21 Ja '56. (MLRA 10:1)
(Machinery, Kinematics of)

TRESHCHANSKIY, M.Ye.; ZLOBIN, B.D.

Semiautomatic machine for the edge knurling of scraper-conveyer pins. Kuz.-shtam. proizv. 3 no.8:44-45 Ag '61. (MIRA 14:8)
(Forging machinery)

ZLOBIN, B.I.; LEBEDEV, V.I.

Geochemical relations of Li, Na, K, Rb, and Tl in alkaline magmas and their petrogenetic significance. Geokhimiia no.2:87-103 '60. (MIRA 13:6)

1. Vernadsky Institut of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Sandyk, Mount (Kirghisistan)--Rocks, Igneous)
(Alkali metals)
(Thallium)

ZLOBIN, B.I.; GORSHKOVA, M.S.

Pb and Zn in alkali rocks and some petrological problems.
Geokhimiia no.4:283-292 '61. (MIRA 14:5)

1. Vernadskiy Institute of Geochemistry and Analytical Chemistry, Acdemy of Sciences, U.S.S.R, Moscow.
(Sandyk Mountains—Rocks, Igneous)
(Lead)
(Zinc)

SOV/7-58-5-5/15

AUTHOR: Zlobin, B. I.

TITLE: On the Geochemistry of Thallium in Alkaline Rocks as Shown by the Example of the Sandyk Massif (North Kirghizia) (K geokhimii talliya v shchelochnykh porodakh na primere massiva g.Sandyk (Severnaya Kirgiziya))

PERIODICAL: Geokhimiya, 1958, Nr 5, pp. 441 - 451 (USSR)

ABSTRACT: 44 rock samples and 7 individual minerals from them were investigated. Thallium was determined colorimetrically according to N.T.Voskresenskaya (Ref 5). The minerals were selected under the binoculars MBS-2. Three transparent cuts were measured (Table 1). The author deals in short with the composition and the structure of the alkaline massif of Sandyk; then he mentions the distribution of thallium in the crystallization of the alkaline intrusion as well as the behaviour of thallium in the differentiation process of the alkali intrusion. Several tables are enclosed: Table 2 gives the thallium and potassium content as well as the K/Tl ratio; K was determined by V.I.Lebedev (flamephotometrically) and L.A.Pevtsova (chemical analysis). The mean thallium contents

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amount to: basic gabbroids $1,1 \cdot 10^{-4}$%, alkaline limestone syenites $1,6 \cdot 10^{-4}$%, leucocrate syenites $2,0 \cdot 10^{-4}$%, alkaline hornblende syenites $2,0 \cdot 10^{-4}$%, nephelin syenites of the miaskite type $3,7 \cdot 10$%; the mean content of the intrusion amounts to $1,9 \cdot 10^{-4}$% Tl, the mean K/Tl ratio is $3,63 \cdot 10^{4}$. Table 3 gives the calculation of the mean thallium content of the intrusion. The total content of thallium in the rock takes the place of K in potassium minerals (orthoclase and biotite). In general thallium concentrates in the later developed magma derivatives which are richer in potassium. The preferred intrusion into biotite as compared to orthoclase is explained by the characteristic features of the crystal structure. There are 4 tables and 16 references, 13 of which are Soviet.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002065310013-0"

On the Geochemistry of Thallium in Alkaline Rocks as Shown by the Example of the Sandyk Massif (North Kirghizia) SOV/7-48-5-5/15

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im.V.I.Vernadskogo AN SSSR, Moskva (Moscow Institute of Geochemistry and Analytical Chemistry imeni V.I.Vernadskiy, AS USSR)

SUBMITTED: May 12, 1958

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SOV/7-59-5-3/14

AUTHOR: Zlobin, B. I.

TITLE: The Paragenesis of Dark-colored Minerals of the Alkaline Rocks in Connection With the New Term for the Agpaitic Coefficient (Paragenezisy temnotsvetnykh mineralov shchelochnykh porod v svyazi s novym vyrazheniyem koeffitsiyenta agpaitnosti)

PERIODICAL: Geokhimiya, 1959, Nr 5, pp 41o - 422 (USSR)

ABSTRACT: V. M. Goldschmidt divided the alkaline rocks into agpaitic and plumasitic ones according to the excess of alkali or alumina. He gave the coefficient

$f = \frac{Na+K}{Al}$ (in moles) as a means of distinction, $f > 1$ has an excess of alkali and is therefore agpaitic, $f < 1$ has an excess of alumina and is therefore plumasitic. This division has, however, several shortcomings. The author suggests therefore the use of the following coefficients:

$(Na) = \frac{Na}{Al - K} = \frac{Na}{\Delta Al}$. The critical value of these coefficients is at 0.85; typically agpaitic mafites like agirine, riebeckite, arfvedsonite, eudialyte occur in rocks with $(Na) > 0.85$; rocks

Card 1/2

with (Na)$<$0.85 contain typically plumasitic mafites like biotite, augite, common hornblende. The author gives as proof 77 analyses (Table) which are exploited in three diagrams (Figs 1,2, and 3). The critical value in at 0.85, not at 1, as was theoretically expected. This is explained by the fact that nepheline and feldspar always contain an excess of aluminum which is compensated by Ca or Ba in feldspar. The investigation shows that the critical value was approximately at 0.9 as well in the case of the coefficient according to Goldschmidt. The new coefficient makes not only possible a more precise division, but also reacts better to changes of the paragenesis. Furthermore, the author refers to the assumptions of F. Yu. Levinson-Lessing concerning the crystallization of the magma (Ref 7). There are 3 figures, 1 table, and 11 Soviet references.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR, Moskva (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy AS USSR, Moscow)

SUBMITTED: February 7, 1959

ZLOBIN, B.I.; BALASHOV, Yu.A.

Distribution and relationship of rare earth elements in the alkaline plumasite series: essexite-nepheline syenite. Geokhimiia no.9:784-788 '61. (MIRA 15:2)

1. V.I. Vernadskiy Institute of Geochemistry and Analytical Chemistry, Academy of Sciences U.S.S.R., Moscow.
(Rare earth metals)

ZLOBIN, B.I.

Petrography and petrochemistry of the alkali intrusion of Sandyk Mountains (northern Kirghizia). Izv. AN SSSR. Ser. geol. 25 no.2:91-104 F '60. (MIRA 13:10)

1. Institut geokhimii i analiticheskoy khimii imeni V.I.Vernadskogo AN SSSR, Moskva.
(Sandyk Mountains--Rocks, Igneous)

3(5), 3(8)

AUTHORS: Borisenok, L. A., Zlobin, B. I. SOV/7-59-6-3/17

TITLE: Gallium in the Alkali Rocks of the Massif Sandyk (Northern Kirgiziya)

PERIODICAL: Geokhimiya, 1959, Nr 6, pp 505 - 512 (USSR)

ABSTRACT: Altogether 50 rock specimens and 11 minerals from these rocks were investigated. The method has been developed by L. A. Borisenok (Ref 4). Table 1 shows the gallium content of the rock-forming minerals from three syenites. Table 2 gives the average contents of the individual types of rock and their surface in %. The average Ga-content of the massif is $19.3.10^{-4}$ %, the average Ga/Al-ratio is $1.9.10^{-4}$, fluctuates, however, between 1.2 and $2.3.10^{-4}$. In the course of differentiation the Ga-content rises parallel with the Al-content, whereas the Fe^{+3}-content decreases (Fi[illegible]). The distribution of Ga in the minerals depends on the cou[illegible]f precipitation. The 6-coordination is in this case apparently preferred to the 4-coordination. Amounting to $30.6.10^{-4}$ the gallium content of the vein rocks is higher than that of the mother rock (Table 3). The authors thank L. V. Tauson for his

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Gallium in the Alkali Rocks of the Massif Sandyk (Northern Kirgiziya) SOV/7-59-6-3/17

advice. There are 1 figure, 3 tables, and 10 references, 6 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo i Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy and Moscow State University imeni M. V. Lomonosov)

SUBMITTED: December 8, 1958

Card 2/2

ZLOBIN, B.I.; PEVTSOVA, L.A.

Behavior of Pb and Zn in some processes of the hydrothermal alteration of granitoids. Geokhimiia no.5:420-430 My '64. (MIRA 18.7)

1. Vernadsky Institute of Geochemistry and Analytical Chemistry, Academy of Sciences, U.S.S.R., Moscow.

ZLOBIN, B.I.

"Potassium metamorphism" and hydrothermal metamorphism of granites. Zap. Kir. otd. Vses. min. ob-va no.3:23-30 '62.

(MIRA 17:11)

ZLOBIN, B.I.; KOLOSOVA, G.M.

In the V.I. Vernadskii Institute of Geochemistry and Analytical Chemistry (meeting of the scientific council and a conference of young scientists). Vest.AN SSSR 26 no.5:78-81 My '56. (MLRA 9:8)
(Geochemistry) (Chemistry, Analytical)

ZLOBIN, B.I.; PEVTSOVA, L.A.; KLASSOVA, E.S.

Distribution of lead and zinc, and metallogenic specialization in Variscian granitoids with increased basicity (central part of the Tien Shien). Geokhimiia no.7:851-863 Jl '65.
(MIRA 18:11)

1. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo AN SSSR, Moskva. Submitted December 26, 1963.

TAUSON, L.V.; ZLOBIN, B.N.; PEVTSOVA, L.A.; KOROLEV, V.V.

Recent phases in the development of Caledonian intrusions of the Susamyr batholith in the central Tien Shan. Zap. Kir. otd. Vses. min. ob-va no.1:101-111 '59. (MIRA 14:3)
(Susamyr Range--Rocks, Igneous)

ZLOBIN, Boris Veniaminovich; GRUDINSKIY, P.G., red.; SHIROKOVA, M.M., tekhn. red.

[Testing power transformers during their installation] Ispytaniia silovykh transformatorov pri montazhe. Moskva, Gosenergoizdat, 1962. 62 p. (Biblioteka elektromontera, no.64)
(MIRA 15:7)

(Electric transformers--Testing)

ZLOBIN, G.I., insh.

Current shunting in two-spot welding. Svar. proizv. no.1:24-26 Ja '61. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.
(Electric welding—Equipment and supplies)

87996

S/135/61/000/001/007/018
A006/A001

12360

AUTHOR: Zlobin, G.I., Engineer

TITLE: Shunting of Current in Two-Spot Welding

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 1, pp. 24 - 26

TEXT: Shunting of current is a characteristic feature of two-spot welding. The shunting current does not participate in the formation of weld joints. Investigations were made at VNIIESO by measuring the shunting currents in two-spot welding of 1 - 4 mm thick low carbon steels at a distance between the electrode axes of 50 - 200 mm. Welding conditions are given in Table 1. The shunting currents were measured by a method suggested by Engineer B.M. Nekrasov. A set of specimens was welded according to Figure 2a at an electrode gap of 50, 100, 150 and 200 mm; during welding the current from the primary side of the welding transformer and the voltage on the electrodes were measured. Another set of specimens was welded according to Figure 2b; the specimen located at the side of power connection was cut, thus eliminating the possibility of shunting. The same tests were made with two transformers. Welding was performed on a machine with four hydraulic pistols. The specimens were subjected to sand-blast treatment prior to welding. The follow-

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87996

S/135/61/000/001/007/018
A006/A001

Shunting of Current in Two-Spot Welding

ing results were obtained: In two spot welding of low carbon steel specimens of 1+1; 1.5 + 1.5 and 2 + 2 mm thickness and 75 mm width, at a power connection from one side from one transformer, the shunting current in the specimen on the side of power connection is 12-16% of the welding current, under soft conditions, when the electrodes gap is 200 mm; it is 30-43% at an electrode gap diminished to 50 mm; and 16-20 and 42-50% respectively under rigid conditions. In two spot welding of low carbon steels at a power connection from both sides from two transformers, the shunting currents, which do not participate in the formation of the weld joint, increase sharply with a greater thickness of the specimens to be welded and amount to 6-22% of the welding current when welding 2 + 2 mm thick specimens of 75 mm width; the electrode gap being 50 - 200 mm; at a thickness of the specimens of 4 + 4 mm, this value rises to 13-50%.

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S/135/61/000/001/007/018
A006/A001

Shunting of Current in Two-Spot Welding

Table 1

Conditions of two-spot welding of low-carbon steel

a Схема подвода тока	Толщина свариваемых деталей в мм b	Диаметр контактной поверхности электродов в мм c	Радиус сферической поверхности электродов в мм d	Усилие сжатия электродов в кг e	Длительность включения сварочного тока в сек.	Диаметр пера сварной точки в мм g	Ток во вторичном контуре сварочного трансформатора в а h: Расстояние между электродами в мм 200	150	100	50	Свирка разрезанных образцов	Разрушающая нагрузка на срез в кг i
1) С одной стороны от одного трансформатора	1+1	6	—	150	0,8	5	10 000	10 250	10 700	11 800	8 900	450
	1+1	—	50	200	0,3	5	14 000	14 700	15 500	17 000	12 000	450
	1,5+1,5	6	—	200	1,0	6,5	12 100	12 500	13 300	14 700	10 700	800
	1,5+1,5	—	50	350	0,4	6,5	17 000	17 500	19 000	21 000	14 500	800
	2+2	8	—	300	1,5	8,0	13 900	14 500	15 700	17 200	12 000	1200
	2+2	—	75	500	0,5	8,0	21 000	22 200	23 800	26 000	17 500	1200
2) С обеих сторон от двух трансформаторов	2+2	—	75	250	0,8	8,5	13 500	14 000	14 700	15 600	12 300	1700
	3+3	—	150	550	0,8	10	16 700	17 500	18 500	20 500	15 500	2500
	4+4	—	250	600	1,0	12,5	20 000	21 300	23 400	25 500	17 700	4500

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87995

S/135/61/000/001/007/018
A006/A001

Shunting of Current in Two-Spot Welding

Conditions of two-spot welding of low-carbon steel

a) System of power supply
b) Thickness of parts to be welded in mm
c) Diameter of the contact surface of electrodes in mm
d) Radius of the spherical surface of electrodes in mm
e) Force of clamping the electrodes in kg
f) Duration of switching of the welding current in sec
g) Diameter of the nucleus of the welded spot in mm
h) Current in the secondary circuit of the welding transformer in amp

Distance between the electrodes in mm
Welding of cut specimens

i) Break-down load on the cut in kg

1) From one side, and one transformer

2) From two sides and two transformers

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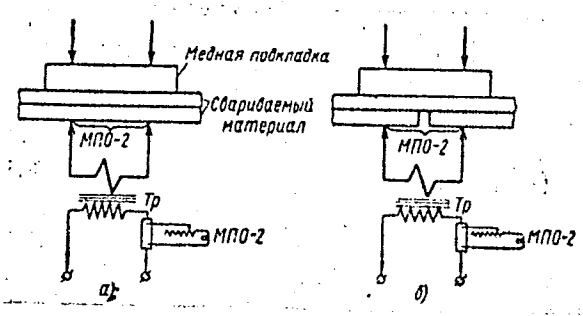
87996

S/135/61/000/001/007/018
A006/A001

Shunting of Current in Two-Spot Welding

Figure 2



Measurement of secondary currents and voltages on the electrodes in two-spot welding with one-sided power connection:
a) welding of compact specimens
b) welding of cut specimens

There are 1 table and 4 figures.

ASSOCIATION: VNIIESO

Card 5/5

119-2-7/13

AUTHOR: Zlobin, G.I.

TITLE: Electric Welding of Relay Contacts (Elektrosvarka kontaktov rele).

PERIODICAL: Priborostroyeniye, 1958, Nr 2, pp. 21-22 (USSR)

ABSTRACT: The spot welding machine МТПК-25 is roughly described. Besides, a table shows the adjustments necessary on the spot welding apparatus, in order to weld silver contacts (99.9% pure) with the different base materials.

The technical data of the spot welding machine are:

Mains voltage in V 380
Nominal power in kVA 25
Number of switching steps 8
Working operation of the upper electrode in mm . . . 25
Secondary voltage at idle motion in V . . . 1.25 - 2.64
Maximum pressure between the electrodes in kg . . . 100
Air pressure in kg/cm^2 3
Measurements in mm:
Height 1260
Width 600
Depth 650

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Electric Welding of Relay Contacts 119-2-7/13

Total weight in kg: 250. There are 2 figures and 1 table.

AVAILABLE: Library of Congress

Card 2/2 1. Silver-Spot welding 2. Welding-Equipment

NEKRASOV, B.M.; ZLOBIN, G.I.

Resistance seam welding of copper screens and foil. Avtom. svar. 18 no.4:64-66 Ap '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.

ZLOBIN, G.I.

Resistance spot welding of copper. Avtom.svar. 15 no.10:63-65 O '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.
(Copper—Welding) (Sheet metal—Welding)

NEKRASOV, B.M., inzh.; ZLOBIN, G.I., inzh.; RUSAKOV, Yu.A., inzh.

Using the MPR-100 machine for brazing short-circuited rotors of asynchronous electric motors. Svar.proizv. no.10:39-40 O '64.
(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.

ZLOBIN, G.I., inzh.; KHAZOV, V.Ya., inzh.

Butt welding of small diameter tool blanks. Svar. proizv. no.10:30-31 O '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.

(Tool steel—Welding)

AKSEL'ROD, F.A., inzh.; ZAYTSEV, M.P., kand. tekhn. nauk; ZLOBIN, G.I., inzh.; KOCHERGIN, K.A., kand. tekhn. nauk; NEKRASOV, B.M., inzh.; SLIOZBERG, S.K., nauchnyy red.; DONSKOY, A.V., nauchnyy red.; DEMYANTSEVICH, V.P., nauchnyy red.; SARAFANOV, S.G., nauchnyy red.; BONDAROVSKAYA, G.V., red.; DORODNOVA, L.A., tekhn. red.; PERSON, M.N., tekhn. red.

[Resistance welding]Kontaktnaia svarka. [By] F.A.Aksel'rod i dr. Moskva, Proftekhizdat, 1962. 463 p. (MIRA 15:12)
(Electric welding)

Zlobin, G.I.

AUTHOR: Zlobin, G.I., Engineer 135-58-4-12/19

TITLE: Electric Welding of Silver Contacts (Elektrosvarka serebryannykh kontaktov)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 4, pp 36-38 (USSR)

ABSTRACT: A new welding machine "MTPK-25" for welding silver contacts to contact holders - developed by VNIIESO - is described, along with the developed welding technology, and illustrated by a photograph and circuit diagram. The welding technology of the most extensively used silver contacts to the holders of various metals, such as German silver, brass and bronze of various grades, electric steel and zinc-plated steel, is given in a table (Page 39). The first series of "MTPK-25" machines was produced by the "Elektrik" Plant in 1957.

ASSOCIATION: VNIIESO

AVAILABLE: Library of Congress

Card 1/1

ZLOBIN, G.P., inzh.

Construction of warships abroad during 1957. Sudostroenie 24 no.10: 56-62 O '58. (MIRA 11:12)
(Warships)

ZLOBIN, G.I., inzhener.

Experimental spot welder for welding small contacts. Vest.elektroprom. 27 no.7:17-23 Jl '56. (MLRA 10:8)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya.

(Electric contactors--Welding)
(Electric welding)

ZLOBIN, G.P., inzh.

American experimental underwater-winged passenger launch "Denison." (MIRA 16:9)
Sudostroenie 29 no.7:71-73 Jl '63.
(United States--Hydrofoil boats)

ZLOBIN, G.P., inzh.

Foreign warship construction in 1960. Sudostroenie 27 no.2: 59-64 F '61. (MIRA 16:7)

(Warships)

ZLOBIN, G.P., inzh.

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ZLOBIN, G.K., inzh.; BOROVKOV, M.T., inzh.

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(Warships)

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Submarine chasers of the British Navy. Sudostroenie 24 no.5:60-66 My '58. (MIRA 11:6)
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Aircraft armament of large carriers in the United States.
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Methods of heeling a vessel at large angles. Sudostroenie 22 no.7: 32 Jl '56. (MLRA 9:10)

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(Great Britain--Ships, Wooden)

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Deficiencies of a monograph. Fin. SSSR 38 no.1:93-95 Ja '64.
(MIRA 17:2)

ZLOBIN, I., doktor ekon.nauk, prof.

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(United States--Gold)
(United States--War--Economic aspects)

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(Sakhalin--Fire departments)

ZLOBIN, I., professor.

The economic collaboration of countries in the camp of peace, democracy and socialism. Fin. SSSR 17 no.2:64-77 F '56. (Russia--Foreign economic relations) (MLRA 9:6)

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The law of currency circulation and the building of communism. (MIRA 16:9)
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(Money)

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Economic collaboration of the U.S.S.R. with the socialist countries.
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World socialist market, its prices, foreign exchange and payment system. Vop. ekon. no.2:68-81 F '62. (MIRA 15:1)
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Nature and role of money in the building of communism.
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ZLOBIN, I. D.

The International Monetary Fund and the International Bank for Reconstruction and Development; textbook. Moskva, Gosfinizdat, 1947. 15 p. (50-57695)

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[Money in the capitalist system and money in the socialist system] Den'gi pri kapitalizme i den'gi pri sotsializme. Moskva, Gosfinizdat, 1955. 134 p. (MLRA 9:3)

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ZLOBIN, Ivan Danilovich, doktor ekon. nauk, prof.; KOGAN, Ye.L., red.; RAKITIN, I.T., tekhn. red.

[World socialist market] Mirovoi sotsialisticheskii rynok. Moskva, Izd-vo "Znanie," 1963. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.19)
(MIRA 16:12)

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[Physiology of singing in prevention of diseases of the throat among singers] Fiziologiia peniia v profilaktike zabolevanii golosa pevtsov. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1958. 135 p. (MIRA 11:10)

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(VOICE--CARE AND HYGIENE) (THROAT--DISEASES) (MIRA 11:9)

ZLOBIN, L.I.; LYUBIMOV, Yu.I.

Transistor preamplifier for scintillation counters. Prib.i tekh.eksp. no.4:137-138 Jl-Ag '60. (MIRA 13:9)

1. Institut radiatsionnoy gigiyeny.
(Scintillation counters)

MKRTCHYAN, L.Ye.; BRAGINA, A.N.; ZLOBIN, L.I.

Study of the natural radioactivity of the soil and plant cover of the Armenian S.S.R. Trudy Erev.med.inst. no.11:145-150 '60.
(MIRA 15:11)

1. Kafedra obshchey gigiyeny Yerevanskogo meditsinskogo instituta (for Mkrtchyan). 2. Institut radiatsionnoy gigiyeny, Leningrad (for Zlobin).

(RADIOACTIVITY) (ARMENIA—PLANTS) (ARMENIA—SOILS)

ZLOBINA, M., otv. za vyp., red.; SAVKINA, B., tekhn. red.

[Traffic regulations for streets and roads of the U.S.S.R.] Pravila dvizheniia po ulitsam i dorogam Soiuza SSR. Ashkhabad, Turkmenskoe gos. izd-vo, 1963. 87 p. (MIRA 16:4)
(Traffic regulations)

ACC NR: AP6013490 UR/0120/66/000/002/0041/0043

AUTHOR: Belle, Yu.S.; Shchedrin, D.A.; Zlobin, L.I.

ORG: NII of Radiation Hygiene, Leningrad (NII radiatsionnoy gigiyeny)

TITLE: Dependence of gamma spectrometer resolving power upon the nonuniformity of the photocathode sensitivity, and choice of the spectrometric regime for the photomultiplier FEU-43

SOURCE: Pribory i tekhnika eksperimenta, no.2, 1966, 41-43

TOPIC TAGS: gamma spectrometer, gamma spectrometer resolving power, photocathode, photomultiplier / FEU-43 photomultiplier, photomultiplier adjustment method, multichannel analyser / AMA-4S multichannel analyzer

ABSTRACT: A technique for the measurement of the photoelectric sensitivity distribution on the surface of the photocathode, and an optimum adjustment method for the photoelectric multiplier FEU-43, forming part of a gamma ray spectrometer system is discussed. A NaI(Tl) miniature crystal illuminator is arranged to scan the photosensitive surface of the photocathode while illuminating it by light flashes generated by alpha particles from Pu^{239}. A histogram of sensitivity values is obtained by sorting the photocathode output voltages using a multichannel analyser, the AMA-4S. The histogram can be influenced by adjusting the divider regime of the FEU-43. It was found that the

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optimum resolving regime for the spectrometer results by tuning for the maximum signal amplitude of the impulse in the area of least photoelectric sensitivity. This proposition is substantiated by a table of resolving data. Orig. art. has 3 figures and 1 table.

SUB CODE: 20,09/ SUBM DATE: 28Dec64/ ORIG REF: 003/ OTH REF: 001

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E073/E535

21.5300

AUTHORS: Zlobin, L.I. and Lyubimov, Yu.I.

TITLE: Transistorized Pre-amplifier for Scintillation Counters

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No.4, pp.137-138

TEXT: The pre-amplifier is a two-stage one, Fig.1 (Bx - input; Bых - output and U_{num} - supply voltage).

The best transfer coefficient and the maximum input resistance can be obtained by using diffusion type transistors, П-402 (P-402). The transfer coefficient K of a circuit with P-402 transistors is independent of the voltage in the range of 2.5 to 25 V with a capacitive load of 300 pF. Fig.2 shows the dependence K(U) for П-14 (P-14) transistors. The investigation was carried out using signals from a signal generator ФЭУ (FEU). For the first case, the dependence of the maximum linear signal at the output of the supply voltage was as follows:

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Transistorized Pre-amplifier for Scintillation Counters

Table 1

Supply voltage U, V	7	10	13	15	18	25
Maximum linear signal, V	2.7	4.3	6	7	8.2	10.5

Comparison of the here given results shows clearly that P-402 transistors are preferable. In the case of operation with a long matched cable (100 Ohm), the transfer coefficient of the circuit with P-402 transistors equals 0.66, whilst that with P-14 transistors equals 0.18. The stability of the transistor parameters with time and also the thermal stability is ensured by using large emitter loads (in terms of d.c.), since in the same way as in the paper of Graveson and Sadowski (Ref.1) the stability was better than 1% during eight hours continuous operation. The duration of pulse rise time (for the circuit with P-402 transistors) is better than

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Transistorized Pre-amplifier for Scintillation Counters

0.1 μsec (from 0.1 to 0.9 of its height). The input resistance of such a pre-amplifier (using P-402 transistors with a U_{feed} = -20 V) is about 500 kOhm. The pre-amplifier can be used successfully in conjunction with a scintillation spectrometer with a NaI(Tl crystal and also ФЭУ-С (FEU-S) and ФЭУ-13 (FEU-13). There are 2 figures, 2 tables and 1 non-Soviet reference.

(Note: This is a slightly abridged translation)

ASSOCIATION: Institut radiatsionnoy gigiyeny (Institute of Radiation Hygiene)

SUBMITTED: June 24, 1959

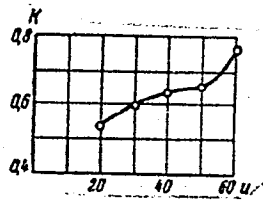

Рис. 2. Зависимость коэффициента передачи K от напряжения питания U для схемы, собранной на транзисторах П-14

Card 3/3 Fig.2

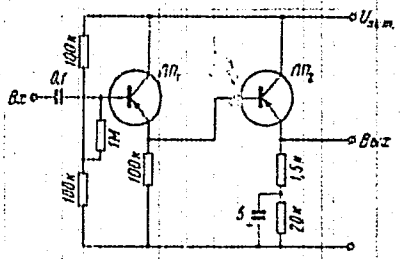

Рис. 1. Принципиальная схема предусилителя

ZLOBIN, L.I.; PISARUVSKIY, A.N.; SHAPIRO, E.L.; SHAMOV, V.A.

Methods of measuring radioactivity in human subjects. Med. rad. 4 no.6:85-87 Je '59. (MIRA 12:8)

1. Iz Instituta radiatsionnoy gigiyeny Ministerstva zdravookhraneniya RSFSR.

(RADIOACTIVITY,
intravital measurement of human radioactivity, review (Rus))

SOV/120-59-1-40/50

AUTHORS: Zlobin, L. I., Nemilov, Yu. A., Pisarevskiy, A. N.

TITLE: The Behaviour of Some Types of Photomultipliers in a Weak Magnetic Field (Povedeniye nekotorykh tipov fotoumnozhiteley v slabom magnitnom pole)

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 1, pp 140-141 (USSR)

ABSTRACT: Scintillation counters are often used in the neighbourhood of strong magnets. In order to use photomultipliers successfully under such conditions special magnetic screens must be used and hence it is necessary to know the properties of photomultipliers working in the weak magnetic fields. In the work described in this paper a longitudinal magnetic field was applied to the photomultiplier under investigation by placing the latter inside a long solenoid. The current supplying the solenoid was controlled to 1%. The field was uniform along the length of the photomultiplier, the fall-off at the edges being less than 2%. Pulse height measurements were carried out, using the position of the photopeak of Cs^{137}. The rise times were measured by delayed self coincidences (Refs 1 and 2). Fig 1 shows the dependence of the total sensitivity of the photomultiplier FEU-11 and the resolution on the average magnitude of the magnetic field along the axis of the

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