

BELIAEVSKI, N.A. [Belyayevskiy, N.A.]; FEDINSKI, V.V. [Fedynskiy, V.V.]

Studies on the depth of earth subsurface and problems of high-
depth boring. *Akadele geol geogr* 16 no.2:3-25 Ap-Je 62.

BELYAYEVSKIY, N. A.

"Experiences in geological mapping and prospecting for mineral resources
in the less explored areas of the USSR"

report to be submitted for the United Nations Conference on the
Application of Science and Technology for the Benefit of the Less
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.;
ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.;
BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.;
SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRABKIN, I.Ye.;
YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.;
KARPOVA, Ye.D.; KASHIN, S.A.; KASHKAY, M.A.; KORZHINSKIY, D.S.;
KOSOV, B.M.; KOTLYAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV,
S.F.; MAGAK'YAN, I.G.; MATÉRIKOV, M.P.; OMI NTSOV, M.M.; PAVLOV, Ye.S.;
SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV,
N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.;
CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obituary. Sov.geol. 4
no.5:156-158 My '61. (MIRA 14:6)
(Levitskii, Oleg Dmitrievich, 1909-1961)

BELYAYEVSKIY, N.A.; VARGIN, N.I.

Results of the Rostov conference on regional studies of the
subsurface geology of closed areas. Sov.geol. 5 no.8:168-172
Ag '62. (MIRA 15:9)

1. Ministerstvo geologii i okhrany nedr SSSR.
(Geology--Congresses)

GORSKIY, I.I., otv. red.; BELYAYEVSKIY, N.A., doktor geol.-min. nauk, zam. otv. red.; AFANAS'YEV, G.D., red.; BOGDANOV, A.A., doktor geol.-min. nauk, red.; VOROB'YEVA, O.A., doktor geol.-min. nauk, red.; KATUSHENOK, I.I., kand. geol.-min. nauk, red.; MENNER, V.V., doktor geol.-min. nauk, red.; MENYAYLOV, A.A., doktor geol.-min. nauk, red.; SMIRNOV, V.I., akademik, red.; SHATALOV, Ye.T., doktor geol.-min. nauk, red.; CHEPIKOVA, I.M., red. izd-va; TIKHOMIROVA, S.G., tekhn. red.

[Problems of geology at the 21st session of the International Geological Congress] Problemy geologii na XXI sessii Mezhdunarodnogo geologicheskogo kongressa. Moskva, Izd-vo AN SSSR 1963. 446 p. (MIRA 16:11)

1. Akademiya nauk SSSR. Natsional'nyy komitet geologov. 2. Chlen-korrespondent AN SSSR (for Afanas'yev, Gorskiy).
(Geology--Congresses)

NALIVKIN, D.V., glav. red.; BELYAYEVSKIY, N.A., zam. glav. red.;
 TIKHOMIROV, V.V., zam. glav. red.; ASSOVSKIY, A.N., red.;
 MEL'NIKOV, O.D., red.; PEYVE, A.V., red.; YANSHIN, A.L.,
 red.; VOSKRESENSKAYA, N.A., red.; KALYUZHNYI, V.I., otv. red.
 vyp.; NATOCHII, P.A., red. vyp.; MEL'NIK, A.F., red. izd-va;
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[Study of the geology of the U.S.S.R.] Geologicheskaya izu-
 chennost' SSSR. Kiev, Izd-vo AN Ukr.SSR. Vol.31. [Ukrainian
 S.S.R. (western provinces); period 1951-1955] Ukrainskaya SSR
 (zapadnye oblasti); period 1951-1955. No.1. [Published studies
 and reviews] Opublikovannye raboty i obzornye glavy. 1963. 178 p.
 Vol.32. [Central and eastern provinces of the Ukrainian SSR;
 period 1951-1955] Ukrainskaya SSR (tsentral'nye i vostochnye
 oblasti period 1951-1955. No.1. [Published studies] Opublikovan-
 nye raboty. 1963. 326 p. (MIRA 16:10)
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BELYAYEVSKIY, N.A.; FEDYNSKIY, V.V.

Deep drilling. Priroda 52 no.3:108-109 '63. (MIRA 16:4)

1. Ministerstvo geologii i okhrany neдр SSSR.
(Geological research)

BELYAYEVSKIY, N.A.; ALEKSIN, A.G.

Fifth session of the Working Group of Senior Geologists and
the fifth session of the Subcommittee on the Development of
Mineral Resources of the Economic Commission for Asia and
the Far East of the United Nations. Sov. geol. 6 no.11:
157-161 N '63. (MIRA 17:1)

BELYAYEVSKIY, N.A.

Development of geological studies in India. Sov. geol. 6
no.10:146-149 0 '63. (MIRA 17:1)

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPTEV-
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,
K.I., red.; SEMENENKO, N.P., red.; TYZHN OV, A.V., red.;
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii ko-
mitet.

BELYAYEVSKIY, N.A.; BOGDANOV, A.A.; GORSKIY, I.I.

Results of the current session of the International Commission
for the Geologic Map of The World. Sov. geol. 6 no.7:154-161
Jl '63. (MIRA 16:8)

BELYAYEVSKIY, N.A.; FEDYNSKIY, V.V.

Deep-hole drilling as a method for studying the earth's crust.
Izv. AN SSSR.Ser.geol.. 28 no.5:3-8 My '63. (MIRA 17:4)

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[Tectonics, igneous activity and distribution of ore deposits; materials] Tektonika, magmatizm i zakonomernosti razmeshcheniya rudnykh mestorozhdenii; materialy. Moskva, Nauka, 1964. 237 p. (MIRA 17:8)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; K KROPOTKIN, P.N., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Problems of the comparative tectonics of ancient platforms; materials] Voprosy sravnitel'noi tektoniki drevnikh platrofm; materialy. Moskva, Nauka, 1964. 152 p. (MIRA 17:8)

MURATOV, M.V., otv. red.; PUSHCHAROVSKIY, Yu.M., red.; KHAIN,
V.Ye., red.; MAZAROVICH, O.A., red.; BELOUSOV, V.V.,
red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.;
GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; KROPOTKIN,
P.N., red.; LEYTES, A.M., red.; NIKOLAYEV, N.I., red.;
PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY,
B.A., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.;
YANSHIN, A.L., red.

[Folded areas of Eurasia; materials] Skadchatye oblasti
Evrazii; materialy. Moskva, Nauka, 1964. 375 p.
(MIRA 17:11)

1. Soveshchaniye po problemam tektoniki. Moscow, 1963.

BELYAYEVSKIY, N.A.; VOLKOVA, S.P.

From the history of the publishing of geological literature
in the U.S.S.R. Sov. geol. 7 no.4:140-146 Ap'64.
(MIRA 17:5)

BELYAYEVSKIY, N.A.; GOLUBATY, I.I.

First ordinary session of the Council of the International Union
of Geological Sciences. Sov. geol. 7 no.1s156-158 Ja '64.
(RTEA 17:5)

BOLE-IVSKII, N.A.; BONTAN, A.A.

Subsurface structure of the northwestern part of the Pacific mobile belt. Sov. geol. 7 no.9:29-46 S '64. (MIRA 17:10)

1. Gosudarstvennyy geologicheskii komitet SSSR i Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki.

MURATOV, N.V., otv. red.; BELYAYEVSKIY, N.A., red.; GANIBELIN, I.D., red.; MILANOVSKIY, Ye.Ye., red.; KHAKH, V.Ye., red.; TSEYSLER, V.M., red.

[Himalayan and Alpine orogenesis] Gimalaiskii i Al'piiskii orogenez. Moskva, Nedra, 1964. 331 p. (Mezhdunarodnyi geologicheskii kongress, 22d sessia. Doklady sovetskikh geologov, problema 11) (MIRA 1964)

1. Naitsional'nyy komitet geologov Sovetskogo Soyuza.

KROPOTKIN, P.N., otv. red.; BELOUSOV, V.V., red.; BELYAYEVSKIY,
N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.;
GUBIN, I.Ye., red.; LEYTES, A.M., red.; MAZAROVICH, O.A.,
red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.;
PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY,
B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M.,
red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Structure and the development of the earth's crust;
materials] Stroenie i razvitie zemnoi kory; materialy. Mo-
skva, Nauka, 1964. 199 p. (MIRA 18:2)

1. Vsesoyuznoye soveshchaniye po problemam tektoniki. 2d,
Moscow, 1963.

GARETSKIY, R.G., otv. red.; YANSHIN, A.L. akademik, otv. red.;
BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV,
A.A., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.;
LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V.,
red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE,
A.V., red.; PETRUSHEVSKIY, B.A. red.; PUSHCHAROVSKIY, Yu.M.,
red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.

[Young platforms, their tectonics, and prospects for find-
ing oil and gas; materials] Molodye platformy, ikh tektonika
i perspektivy neftegazonosnosti; materialy. Moskva, Nauka,
1965. 223 p. (MIRA 18:3)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

BEZMAYEVSKIY, N.A.

Tic mineralization in Malaya. Razved. i otkr. nedr. 1964. (1964-65)
S 164. (USSR 17:12)

1. Gosudarstvennyy geologicheskii komitet SSSR.

NALIVKIN, D.V. [Nalyvkin, D.V.], glav. red.; BELYAYEVSKIY, N.A.
[Bieliayevs'kyi, M.A.], zam. glav. red.; TIKHOMIROV,
V.V. [Tykhomyrov, V.V.], zam. glav. red.; ASSOVSKIY, A.N.
[Assovs'kyi, O.M.], red.; MEL'NIKOV, O.D. [Mel'nykov, O.D.],
red. [deceased]; PEYVE, A.V. [Peive, O.V.], red.; YANSHIN,
A.L. [IAnshyn, O.L.], red.; MALAKHOVSKIY, V.F. [Malakhovs'kyi,
V.F.], red. vypuska; YURK, Yu.Yu., prof., red.; MESYATS, Y.A.
[Misiats', I.O.], red.; BASS, Yu.B. red.; MALAKHOVSKIY, V.F.
[Malakhovs'kyi, V.F.], red.; NEKRASOV, G.I. [Nekrasov, H.I.],
red.; SLAVUTSKIY, M.B. [Slavuts'kyi, M.B.], red.; NIKITENKO,
E.I., red.

[Study of the geology of the U.S.S.R.] Geologicheskaya izuchen-
nost' SSSR. Kiev, Naukova dumka. Vol.33. No.1. 1965. 68 p.
(MIRA 18:6)

BELYAYEVSKIY, N.A.

Basic characteristics of the geology of the Karakoram Range. Sov.
geol. 8 no.1:54-75 Ja '65. (MIRA 18:3)

1. Gosudarstvennyy geologicheskii komitet SSSR.

BELYAYEVSKIY, N.A.

Introductory address. Metod. paleogeog. issl. no.1:3-5 '64.
(MIRA 18:6)

BELYAYEVSKIY, V.

Device for determining the specific pressure of piston
rings. ~~Prm.~~Arm. 5 no.10:37-38 0 '62. (MIRA 15:11)
(Compressors--Testing)

BURDASTYKH, Yegor, tekhnolog (g.Orel); MAKAROV, V. (g.Arzas);
KARPUSHCHENKO, V. (Leningrad); SHTENNIKOV, F., personal'nyy
pensioner (g.Gor'kiy); GODILO, A., kontrol'nyy master (g.Cherkessk);
VOLKOV, P., inzh.-tekhnolog (g.Cherkessk); BURLAK, M. (g.Makeyevka);
BELYAYEVSKIY, V., inzh. po izobretatel'stvu i ratsionalizatsii
(g. Kirovakan); TYURIKOV, A. (g.Omsk)

This is the way we live. Izobr.i rats. no.1:11 '64.

(MIRA 17:4)

1. Zavod imeni Medvedeva (for Burtdastykh). 2. Chlen Soyuz
zhurnalistov SSSR (for Godilo). 3. Cherkesskiy zavod kholo-
dil'nogo oborudovaniya, Cherkessk (for Godilo, Volkov). 4. Chlen
redkollegii mnogotirazhki makeyevskogo metallurgicheskogo zavoda
"Kirovets", g. Makeyevka (for Burlak). 5. Rukovoditel' Omskogo
obshchestvennogo konstruktorskogo byuro zheleznodorozhnikov (for
Tyurikov).

Belyayevskiy, V.F.

BELYAYEVSKIY, V.F., inzh.; MARKOVICH, Ya.L., inzh.

Sakhalin paper industry in the postwar period. Bum. prom. 32 no.12:
15-18 D '57. (MIRA 11:1)

1. Sakhalinskiy sovet narodnogo khozyaystva (for Belyayevskiy).
2. Sakhalinbuntrest (for Markovich).
(Sakhalin--Paper industry)

BELYAYEVSKIY, V.F.

Based on modern technology. Bum.prom. 36 no.3:8-9 Mr '61.

(MIRA 14:4)

1. Nachal'nik Upravleniya bumazhnoy promyshlennosti Sakhalinskogo
sovnarkhoza.

(Sakhalin--Paper industry--Equipment and supplies)

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 220 (USSR) SOV/137-58-11-23383

AUTHORS: Sirota, N. N., Belyayevskiy, V. I., Shmatova, G. P.

TITLE: A Study of the Physical Properties of Solid Solutions and of Processes of Aging in Al-Mg-Si Alloys Containing 99% Al (Izucheniye fizicheskikh svoystv tverdykh rastvorov i protsessa stareniya splavov Al-Mg-Si, soderzhashchikh 99% Al)

PERIODICAL: Sb. nauchn. tr. Mosk. in-t tsvetn. met. i zolota, Nauchno-tekhn. o-vo tsvetn. metallurgii, 1957, Nr 30, pp 223-234

ABSTRACT: It is shown that the hardness, the modulus of elasticity, and the electrical resistivity of alloys (quenched as well as aged) of the ternary Al-Mg-Si system along a section of the phase diagram corresponding to a constant Al content (99%) exhibit minimum values when the composition of the alloys corresponds to a quasi-binary section of $\text{Al-Mg}_2\text{Si}$ (0.6 at. %Mg). It is concluded that the change in properties of the quenched alloys is caused by the presence of a short-range order which is most discernible in the vicinity of the quasi-binary section of $\text{Al-Mg}_2\text{Si}$. The increase in hardness occurring on both sides of the quasi-binary section after aging is attributable to an

Card 1/2

SOV/137-58-11-23383

A Study of the Physical Properties of Solid Solutions (cont.)

increase in supersaturation, and the reduction of electrical resistivity in the vicinity of the quasi-binary section to a decrease in the number of segregations and an increase in their size to a point when they are larger than the free path of conduction electrons.

A. K.

Card 2/2

BELYAYEVSKIY, V.M.; PODBEREZSKIY, Z.B.

Automatic operation of four-channel grooves on the 280 mill. Stal'
20 no.11:1023-1024 N '60. (MIRA 13:10)

1. Odesskiy staleprokatnyy zavod.
(Rolling mills) (Automatic control)

OLENEV, V.A., nauchnyy sotrudnik,; BELYAYEVSKIY, Yu.I., nauchnyy sotrudnik

Effectiveness and advantages of milking parlors. Zhivotnovodstvo 20
no. 7:8-16 J1 '58. (MIRA 11:8)

1. Laboratoriya elektromekhanizatsii zhivotnovodstva Vsesoyuznogo
nauchno-issledovatel'skogo instituta elektrifikatsii sel'skogo
khozyaystva.

(Milking)

OLENEV, V.A., nauchnyy sotrudnik; BELIAYEVSKIY, Yu.I., nauchnyy sotrudnik

Plastics to satisfy needs in stockbreeding. Zhivotnovodstvo 20
no.9:31-33 S '58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.

(Farm equipment)

(Plastics)

OLENEV, V., nauchnyy sotrudnik; BELYAYEVSKIY, Yu, nauchnyy sotrudnik

That can be done on every livestock farm. Nauka i pered.op.
v sel'khoz. 9 no.3:35-39 Mr '59. (MIRA 12:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.

(Stock and stockbreeding) (Farm mechanization)

OLENEV, V.A., starshiy nauchnyy sotrudnik; BELYAYEVSKIY, Yu.I.,
nauchnyy sotrudnik

Introducing automatic controls on farm machinery. Zhivotno-
vodstvo 21 no.3:80-84 Mr '59. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikat-
sii sel'skogo khozyaystva.
(Automatic controls)

KRASNOV, V.S.; OLENEV, V.A.; BELYAYEVSKIY, Yu.I.; GREBTSOV, P.P., red.;
TRUKHINA, O.N., tekhn. red.

[Correct use of the "herringbone" arrangement] Pravit'no ispol'zo-
vat' "elochku." Moskva, Sel'khozizdat, 1962. 38 p. (MIRA 15:11)
(Milking)

ARKHANGEL'SKIY, I.I., prof.; BELYAYEVSKIY, Yu.I., aspirant; OLENEV, V.A.,
kand. veterin. nauk

Veterinary and sanitary control of the quality of milk in
machine milking. Veterinariia 39 no.6:62-68 Je '62
(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii (for Arkhangel'skiy, Belyayevskiy). 2. Vsesoyuznyy
institut elektrifikatsii sel'skogo khozyaystva (for Olenov).

BELYAYKIN, T.Ye., inzhener.

Calculating reinforced brick construction elements having cross
reinforcement. Biul.stroi.tekh. 13 no.5:3-8 My '56. (MLRA 9:8)
(Bricks)

BELYAYKINA, I.V., inzh.; IGNAT'YEVA, N.G., inzh.

Nomographs for calculating the strength of welded heating system
pipes. Elek.sta. 32 no.6:23-26 Je '61. (MIRA 14:8)
(Steam pipes) (Heating from central stations)

ALEKSANDROVICH, Yu.B., inzh., red.; CHERNIN, L.A., inzh., red.;
NAYDICH, I.M., kand. tekhn. nauk, red.; BELYAYKINA, I.V.,
inzh., red.; NIKOLAYEV, A.A., inzh., red.; SOSHNIKOV, G.F.,
inzh., red.; FILIMONTSEV, A.V., inzh., red.; POPOVA, V.V.,
inzh., red.; IFTINKA, G.A., red.izd-va; RODIONOVA, V.M.,
tekhn. red.

[Construction specifications and regulations] Stroitel'nye
normy i pravila. Moskva, Gosstroizdat. Pt.1.Sec.G.ch.7[Heating
systems; materials, equipment, fixtures, elements, and structures]
Teplovye seti; materialy, oborudovanie, armatura, izdelia i
stroitel'nye konstruksii (SNiP I-G.7-62). 1963. 22 p.
(MIRA 17:1)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva. 2. Gosstroy SSSR (for Aleksandrovich). 3. Mezhd-
vedomstvennaya komissiya po peresmotru Stroitel'nykh norm i
pravil (for Chernin, Naydich). 4. Vsesoyuznyy Gosudarstvennyy
institut po proyektirovaniyu teplovykh elektrostantsiy (for
Belyaykina, Nikolayev, Soshnikov, Filimontsev). 5. Vsesoyuz-
nyy nauchno-issledovatel'skiy i proyektnyy institut po teplo-
tekhnicheskim sooruzheniyam (for Popova).

BELYAZO, I.A., inzh.

Plug relays. Avtom., telem. i sviaz' no.9:6-10 S '57.
(MIRA 11:4)

(Electric relays)

BELYAZO, I.A., inzh.; LAPTEV, D.L., inzh.

~~meter~~ Meter set for testing signaling, central control and block system
relays. Avtom., telem. i svyaz' no.10:15-17 O '57 (MIRA 10:11)
(Railroads--Signaling)

PHASE I BOOK EXPLOITATION

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Belyazo, Ivan Afanas'yevich, Dmitriyev, Valeriy Razumnikovich,
Nikitina, Yelena Vasil'yevna, and Pestrikov, Aleksandr Nikolayevich

Elektricheskiye releynnye tsentralizatsii (Electric Interlocking Systems) Moscow, Transzheldorizdat, 1958. 195 p. 5,000 copies printed.

Ed.: Rakito, E..I.

PURPOSE: This monograph is addressed to engineering and technical workers employed in railroad signalling and communications.

COVERAGE: The book discusses standardized circuits of centralized traffic control systems, which are used today (regardless of the system of control) in designing and constructing electric relay interlocking systems. The function of circuit components and the operation of the circuits as a whole are described for interlocking systems with sectional control. The book describes plug relay designs and presents reference material on relays and trans-

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formers. There is an insert containing connection diagrams of the interlocking relays discussed in the text. Giprotrans-signalsvyaz' (State Institute for the Design of Railroad Signaling and Communications Equipment) is credited with having developed in 1945 and 1946 two interlocking systems. These systems are described in the present work. No personalities are mentioned. There are no references.

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AVAILABLE: Library of Congress

JP/mfd
2-2-59

Card 7/7

BEYZAZO, I.A., inzh. (Leningrad); KARGALOV, N.I., kand.tekhn.nauk
(Leningrad)

A.c. electric drive a.c.. Zhel. dor. transp. 40 no.3:65-66 Mr '58.
(MIRA 11:4)

(Electric driving) (Railroads--Switches)

VAN SI-SHI [Wang Hsi-Shih]; U CHZHEN-GUY [Wu Cheng-Kuei]; BELYAZO, I.A.
(Pekin)

Accomplishments in the field of signaling and communications in
the Chinese People's Republic. Avtom.telem.i sviaz' 3 no.10:
4-6 0 '59. (MIRA 13:2)
(China--Railroads--Communication systems)

BELYAZO, Ivan Afanas'yevich; DMITRIYEV, Valeriy Razumnikovich; NIKITINA, Yelena Vasil'yevna; PESTRIKOV, Aleksandr Nikolayevich; ZHIL'TSOV, P.N., inzh., retsenzent; MARENKOVA, G.I., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Route-relay interlocking systems] Marshrutno-releinaia tsentralizatsiia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 282 p. (MIRA 15:5)
(Railroads--Signaling --Block system)
(Railroads--Signaling--Interlocking systems)

BELYAZO, I.A., inzh.; MARUTA, P.L., inzh.; YEFIMOV, V.Yu., inzh.

Three-wire network for controlling switch drives with three-phase electric motors. Avtom., telem. i svyaz' 8 no.7:8-10 J1 '64. (MIRA 17:12)

1. Gosudarstvennyy proyektno-izyskatel'skiy institut po proyektirovaniyu signalizatsii, tsentralizatsii, svyazi i radio na zheleznodorozhnom transporte (for Belyazo, Maruta).
2. Leningradskiy ordena Lenina institut inzhenerov zheleznodorozhnogo transporta imeni akademika V.N. Obratsova (for Yefimov).

BELYAZO, I.A., inzh.; MARUTA, P.I., inzh.

Three-wire control system of a switch. Avtom., telem. : ~~svyaz'~~ 9
no.9:36 S '65. (MIRA 18:9)

1. Gosudarstvennyy institut po proyektirovaniyu signalizatsii,
tsentralizatsii, blokirovki, svyazi i radio na zheleznodorozhnom
transporte.

BELYAZO, van Afanas'yevich; MAREN'KOVA, G.I., red.

[Plug-type centralized traffic control relay apparatus]
Releinala apparatura STsB shtepsel'nogo tipa. Moskva,
Transport, 1965. 131 p. (MIRA 18:2)

HELYGA, I.A.

Humoral transfer of excitation from afferent to efferent
sympathetic neurons. Dokl.AN BSSR 5 no.9:409-412 S '61.
(MIRA 14:10)

1. Institut fiziologii AN BSSR.
(NERVES)

BELYKH, S. Ya.

Dissertation: -- "The Determination of Geographic Coordinates From Observation of Star Pairs at Elevations of Plus 45° and Minus 45° ." Cand Tech Sci, Moscow
Inst of Engineers of Geodesy, Aerial Photography, and Cartography, 18 Jun 54.
(Vechernyaya Moskva, Moscow, 9 Jun 54)

SO: Sum 318, 23 Dec. 1954

1. TRAPEZNIKOV, A. A. ; BELYGINA, G. V.
2. USSR (600)
4. Aluminum Organic Compounds
7. Effect of pH during sedimentation of aluminum soaps upon the viscosity of their gels, Dokl. AN SSSR, 87, No. 4, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

BELYI, V.D., doktor tekhn.nauk; TREYGER, M.B., inzh.

Testing steel cables with electromagnetic devices. Bezop. truda v
prom. 5 no. 5:22-24 My '61. (MIRA 14:5)
(Wire rope—Testing) (Electric instruments)

BELYK, V. I.

Belyk, V. I. - "Commercial animals of Yakut," In the symposium: Doklady na
Pervoy Nauch. sessii Yakut. bazy AN SSSR, Yakutsk, 1948, p. 191-253

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

BELYK, V. I.

PA 2/49T81

USSR/Medicine - Animals
Medicine - Environment

Jun 48

"The Spreading of Sables in Yakut," V. I. Belyk,
1/2 p

"Priroda" No 6

Brief summary on the present habitat of the Yakut
sable.

2/49T81

BELYK, V. I.

Belyk, V. I. — "The Yakutsk Squirrel and Changes in Its Numerousness." All-Union Sci Res Inst of the Hunting Trade, Yakutsk Department, Yakutsk, 1954 (Dissertation for the Degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

BELYKH, A.

AUTHOR: Belykh, A.

27-6-21/29

TITLE: Gift for the Festival (Podarok k festivalyu)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, Nr. 6(145)
p 29, (USSR)

ABSTRACT: The collective of Trade School Nr. 1 in Velikiy Ustyug, Vologda district, manufactured among others a wood-working machine. The machine was demonstrated at the first Vologda District Festival of Labor Reserves and was awarded a 1st category diploma. It was decided to exhibit it at the All-Union Fair of Technical Works of the Labor Reserves' students. A model of the passenger ship "A. K. Volzhin" was also built by students of this school. There is 1 photo.

ASSOCIATION: Trade School Nr. 1, Velikiy Ustyug (Remeslennoye Uchilishche No 1, Velikiy Ustyug).

AVAILABLE: Library of Congress

Card 1/1

BEELYKH, A. (g. Velikiy Ustyug, Vologodskoy oblasti).

Leading brigade. From.koop. no.7:5 J1 '57.
(Boots and shoes--Repairing)

(MLRA 10:8)

BABARYKIN, S.; BACHURIKHIN, A., inzh.-mekhanik; BLINOV, M.; BELYKH, A.

Introduce self-service more energetically. Prof.-tekh.obr. 15
no.11:24 N '58. (MIRA 12:1)

1. Komendant tekhnicheskogo uchilishcha No.36, Saratovskaya oblast'
(for Babarykin). 2. Arkhangel'skoye oblastnoye upravleniye trudo-
vykh rezervov (for Bachurikhin).
(Student activities)

BElyKH, A. (g. Velikiy Ustyug, Vologodskoy oblasti)

Everybody fulfills his obligations. Prom.koop. 13 no.3:35 Mr '59.
(MIRA 12:4)

(Velikiy Ustiug--Furniture workers)

BELIKH, A., polkovnik; CHERNYKH, N., podpolkovnik

Exercise with a company of amphibious personnel carriers.
Voen. vest. 43 no.5:89-92 My '64. (MIRA 17:6)

BELYKH, A.G., kand.sel'skokhozyaystvennykh nauk

Improve the use of vergin land in Eastern Siberia. Zemledelie
25 no.1:26-29 Ja '63. (MIRA 16:4)

1. Irkutskiy sel'skokhozyaystvennyy institut.
(Siberia, Eastern--Field crops)
(Siberia, Eastern--Rotation of crops)

BELYKH, Aleksandr Georgiyevich; KUZNETSOVA, A.I., prof., red.;
STRILEVA, G.F., red.; PECHERSKAYA, T.I., tekhn.red.

[Reclaiming new land from forest and brushwood] Osvoenie
novykh zemel' iz-pod lesa i kustarnikov. Pod red. A.I.
Kuznetsovoi. Irkutsk, Irkutskoe knizhnoe izd-vo, 1960. 89 p.
(MIRA 14:2)

(Irkutsk Province--Reclamation of land)

~~RELIX, A.K.~~

[Relations between economics and politics in socialist society;
abstract by the author of a dissertation offered for the degree
on candidate of the philosophical sciences] Sootnoshenie
ekonomiki i politiki v sotsialisticheskom obshchestve; avtoreferat
dissertatsii na soiskanie uchenoi stepeni kandidata filosofskikh
nauk. Leningrad, Leningr.gos.univ., 1958. 20 p. (MIRA 12:2)
(Economics)

YEL'MEYEV, V.Ya., prepodavatel'; IVANOV-OMSKIY, I.I., prepodavatel'; KAZAKOV, A.P., prepodavatel'; NOVOZHILOVA, L.I., prepodavatel'; DROZDOV, A.V., prepodavatel'; KORNEYEV, M.Ya., prepodavatel'; BELYKH, A.K., prepodavatel'; YADOV, V.A., prepodavatel'; ROZHIN, V.P., prof., otv. red.; MIKHLIN, Ye.I., red.; VODOLAGINA, S.D., tekhn. red.

[Base and superstructure of a socialist society] Bazis i nadstroika sotsialisticheskogo obshchestva. Leningrad, Izd-vo Leningr. univ., 1961. 168 p. (MIRA 14:9)

1. Leningrad. Universitet. 2. Filosofskiy fakul'tet Leningradskogo gosudarstvennogo universiteta (for all except Rozhin, Mikhlin, Vodolagina)

(Economics)

S/081/62/000/008/023/057
B160/B101

AUTHORS: Belykh, A. N., Nesmeyanov, An. A.

TITLE: Determining the vapor pressure of lithium, boron, silicon and lead oxides

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 8, 1962, 148, abstract 8Ye11 (Sb. "Fiz.-khim., osnovy proiz-va stali." M., AN SSSR, 1961, 342 - 346)

TEXT: A method and instrument for determining the vapor pressure of the oxides of certain elements are described. The well-known methods of Knudsen and Langmuir are the basis of the experiments. The distinguishing feature of the method is that it is possible to carry out all the operations without breaking the vacuum. The pressures of vapor in equilibrium with condensed oxides over a wide range of temperatures are measured. The partial pressures of the vapor components, the thermodynamic values of the heat of evaporation, the reaction heats etc. are calculated. The condensation coefficient of the oxides studied is shown to be close to unity. [Abstracter's note: Complete translation.]
Card 1/1

S/137/62/000/006/001/163
A006/A101

AUTHORS: Belykh, A. P., Nesmeyanov, An. A.

TITLE: Determining the steam-pressure of lithium, boron, silicon and lead oxides

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 7, abstract 6A41
(In collection: "Fiz.-khim. osnovy proiz-va stali", Moscow, AN SSSR, 1961, 342 - 346)

TEXT: Steam pressure of Li, B, Si and Pb oxides was measured by improved Knudsen and Langmuir methods; the pressure of Pb oxide was also measured by the flow method. The experimental data are expressed by the following equations:
for Li oxide (1,384 - 1,506°K) $\lg P_{\text{at}} = 7.481 - 1.840 \times 10^4/T$; for B oxide (1,299 - 1,515°K) $\lg P_{\text{at}} = 6.560 - 1.681 \times 10^4/T$; for Si oxide (tridymite 1,601 - 1,754°K) $\lg P_{\text{at}} = 3.270 - 1.660 \times 10^4/T$; for Pb oxide (massicot, 881 - 1,151°K) $\lg P_{\text{at}} = 8.700 - 1.384 \times 10^4/T$. Evaporation and sublimation heats of the investigated oxides are calculated. In the processing of results it is assumed that the oxides evaporate in the form of non-dissociated monomeric molecules and have

Card 1/2

Determining the steam-pressure...

S/137/62/000/006/001/163
A006/A101

a condensation coefficient equal to one. It is shown that for all the investigated oxides the coefficient of condensation is actually close to one.

A. Granovskaya

[Abstracter's note: Complete translation]

Card 2/2

BELYKH, B.I.

Develop constructive initiative in dock workers. Rech. transp. 16
no.6:30 Je '57. (MLRA 10:8)

1. Brigadir gruzchikov Gor'kovskogo porta.
(Longshoremen)

BELYKH, B. P.

27085 BELYKH, B. P., BOLOTKOVSKIY, S. A.; SOLDATCHENKO, G. F. Iz opyta sinkhronizatsii asinkhronnykh dvigateley po skheme DAG. (S primech. red.) Mekhanizatsiya trudoyenkikh i tyazhelykh rabot, 1949, No.8, s. 47-48.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

BELYKH, B.P., dotsent; VOLOTEKOVSKIY, S.A., professor.

[Study and propagation of excavating machine operation methods] Kompleksnoe izuchenie i obobshchenie perevodykh metodov raboty mashinistov ekskavatorov. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 39 p. (MLRA 6:8)

1. Sverdlovskiy gornyy institut im. V.V.Vakhrusheva.

(Excavating machinery)

BELYKH, B. P.

BANNIKOV, D.P.; SHEFTER, S.A., redaktor; KANDEL', Ye.A., inzhener, retsenzent.

BELYKH, B.P., dotsent, retsenzent.

[Mining electric engineering] Gornaya elektrotehnika. Sverdlovsk.
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
1953. 312 p. (MLRA 7:7)
(Electricity in mining)

VOLOTKOVSKIY, S.A., professor; Belykh, B.P., kandidat tekhnicheskikh nauk; BORISOV, S.K., inzhener.

[Electrical equipment of single-bucket excavators] Elektricheskoe oborudovanie odnokovshevykh ekskavatorov. Moskva, Ugletekhizdat, 1953. 370 p. (MLRA 6:12)

(Excavating machinery)

BELYKH, G.P.

VOLOTKOVSKIY, Sergey Andronikovich, professor; ~~BELYKH, Boris Petrovich,~~
dotsent; KANDEL', Yefim Aleksandrovich, inzhener; SERMAN, A.M.,
redaktor; LUCHKO, Yu.V., redaktor; KOVALENKO, N.I., tekhnicheskiy
redaktor

[Operation of the electric equipment on mine-pit excavators]
Ekspluatatsiya elektrooborudovaniya kar'ernykh ekskavatorov.
Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1954. 274 p. (MIRA 8:3)
(Excavating machinery)

BELYKH, Boris Petrovich, dotsent; SERMAN, A.M., redaktor; LUCHKO, Yu.V.,
redaktor izdatel'stva; KOVALENKO, N.I., tekhnicheskii redaktor

[Protective grounding and neutralization in mining] Zashchitnye
zazemleniia i zanuleniya v gornorudnoi promyshlennosti. Sverdlovsk,
Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii,
Sverdlovskoe otd-nie, 1956. 158 p. (MIRA 9:8)
(Electricity in mining)

BELYKH, Boris Petrovich, dotsent; CHEKANOV, Vasiliy Demidovich, inzh.;
~~AKHLYUSTIN, V.K.~~, kand.tekhn.nauk, retsenzent; PETROV, I.P.,
dotsent; KULAKOV, S.N., inzh., red.; LUCHKO, Yu.V., red. izd-va;
ZEF, Ye.M., tekhn.red.

[Electric engineering in mines] Gornaia elektrotekhnika.
Sverdlovsk, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i
tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1958. 575 p.
(Electricity in mining) (MIRA 12:1)

BELYKH, B.P., dots.; PETROV, I.P., dots.; PETROV, Yu.S., kand.tekhn.nauk;
KOMLEN, V.P., assistant

Good manual for higher schools. Izv.vys.ucheb.zav.; gor.zhur.
no.4:141-144 '58. (MIRA 11:11)
(Mining engineering--Study and teaching)

BELYKH, B.P., dotsent; AKHLYUSTIN, V.K., dotsent; AVRINSKIY, R.B., inzh.

Conditions of safe servicing of electric equipment with a 6000 v.
potential in pits of the Korkinugol' Trust. Izv.vys.ucheb.zav.;
gor.zhur. 5 no.2:131-134 '62. (MIRA 15:4)

1. Magnotogorskiy gornometallurgicheskiy institut imeni G.I.Nosova.
Rekomendovana kafedroy avtomatizatsii proiavodstvennykh protsessov.
(Chelyabinsk Basin--Excavating machinery--Electric driving)

BELYKH, B. P.; SVERDEL', I. S.; DIOMIDOV, A. P.; TROP, A. Ye.

"Automatic control in ore dressing plants" by V. A. Bun'ko,
S. A. Volotkovskii, and N. G. Iankilevich. Reviewed by B. P.
Belykh, and others. *Gorn. zhur.* no.11:
77-78 N '62. (MIRA 15:10)

1. Magnitogorskiy gornometallurgicheskiy institut (for Belykh).
2. Sokolovsko-Sarbayaskiy gornoobogatitel'nyy kombinat (for
Sverdel'). Sverdlovskiy gornyy institut (for Diomidov, Trop).

(Ore dressing—Equipment and supplies)
(Automatic control) (Bun'ko, V. A.)
(Volotkovskii, S. A.) (Iankilevich, N. G.)

BELIKH, B.P., dotsent; MEDVEDEV, M.V., inzh.

Study of the safe operation of electric equipment in mines of the Karabash Mining and Ore Dressing Combine. Izv.vys.ucheb. zav.; gor. zhur. 6 no. 12:170-176 '63. (MIRA 17:5)

1. Magnitogorskiy gornometallurgicheskiy institut. Rekomendovana kafedroy gornoy elektrotekhniki.

BELYKH, B.P., dotsent

Protection system using an operative high frequency current
for preventing single-phase short-circuits to ground in
networks with 3-6 kv.voltages. Izv. vys. ucheb. zav.;gor.zhur.
7 no.3:136-138 '64 (MIRA 17:8)

1. Magnitogorskiy gorno-metallurgicheskiy institut imeni
G.I. Nosova. Rekomendovana kafedroy avtomatizatsii proizvod-
stvennykh protsessov.

BELYKH, D., kand.istor.nauk

In the foremost teams of the Far Eastern Steamship line.
Mor. flot 21 no.10:10-12 0 '61. (MIRA 14:9)

1. Sekretar' Vladivostokskogo gorodskogo komiteta kommunist-
icheskoy partii Sovetskogo Soyuz~~a~~,
(Soviet Far East--Merchant seamen)

VISHNEVSKIY, V.M., kand.istor.nauk; GAYDASHENKO, K.P.; DUDOROV, V.M.;
KLEYMAN, T.Ye.; KRUSHANOV, A.I., kand.istor.nauk; KUCHERYAVENKO,
V.T.; LEVITSKIY, V.L.; OKSTUZ'YAN, D.V.; POLYAKOV, V.V.;
SAMOKHVALOV, V.A.; SVIN'IN, V.V.; STEPANOVA, L.F.; SUSHKOV, B.A.;
FISHER, Ye.L.; BELYKH, D.P., otv.red.; AVERKIN, B.Z., red.;
ZUSMAN, Ye.I., red.; MAYOROV, V.M., red.; KIREYEVA, T.R.,
vedushchiy red.; BUTOVA, L.A., tekhn.red.

Vladivostok, 1860-1960. Vladivostok, Primorskoe knizhnoe
izd-vo, 1960. 271 p. (MIRA 13:11)
(Vladivostok)

BELYKH, D.P., kand. ist. nauk; VALYULIS, I.A.; GOTSKIY, M.V., kapitan dal'nego plavaniya [deceased]; D'YACHUK, I.L., kapitan dal'nego plavaniya; KALMYKOV, F.A., kapitan dal'nego plavaniya; KREMS, A.K., kapitan dal'nego plavaniya; KOLOTOV, N.A., dots.; PETRENKO, S.A.; RASKATOV, A.S.; FISHER, Ye.L.; DVORNAYK, B.M., otv. red.; LEVITSKIY, V.L., red.; LYUTIKOV, V.K.; MALAKHOV, N.N., red.; POL', P.A., red.; RASKATOV, A.S., red.; CHICHVARKHIN, V.S., red.; RADOSTIN, V.A., red.; LAVRENOVA, N.B., tekhn. red.

[History of Far Eastern Steamship Lines] Istorii dal'nevostochnogo parokhodstva; ocherki. Moskva, Izd-vo "Morskoi transport," 1962. 263 p. (MIRA15:11)
(Soviet Far East--Merchant marine)

BELYKH, F. I., and TACHALOV, S. N.

"Hydrometeorological Servicing of the Shcherbakov Hydroelectric Power Station During the Period of Formation of Ice Accumulations," Meteorol. i gidrologiya, No 9, 1953, pp 41-44

An analysis of the causes of the occurrence of bottom ice (underwater ice) at the Shcherbakov Hydroelectric Power Station in 1950 and 1952 showed that strong winds during the period of ice accumulation (greater than 10 meters/second) caused supercooling of the water in the reservoir. In 1950 the formation of the focus of supercooled water in the central part of the Sheksninskiy orifice occurred for air temperatures -3 to -5° , when the station operated with mean discharges; in 1952 during clear weather with air temperatures -5 to -7° the station operated with minimum discharge. (RZhGeol, No 5, 1954)

SO: Sum. No. 568, 6 Jul 55

HELYKH, F.I.

Rigid assembly of wave-measuring markers. Meteor.i gidrol. no.9:
52-54 S-0 '53. (MLRA 8:9)

(Waves)

SELYKH, F. I.

"Proposal on the Improvement of the Ice Drill GGI-47
Metecol. i Gidrologiya, No 10, 53-54, 1953

The author proposes the sharpening of the drilling bit of the ice drill GGI-47 be changed by change of the angle between the two cutting edges, diverging up to the center to 100-110° instead of 140°. During mass measurements of the thickness of ice by the perfected drill the productivity of drilling operations is increased 300% on the average, as the author has suggested. (KZhool, No 1 1953)

SO: Sum. 492, 12 May 55

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Accuracy of determining the discharge of water through the
hydraulic structures of the Rybinsk hydroelectric center.
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(Rybinsk Reservoir--Hydrology)

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Method of calculating the mean level of Rybinsk Reservoir.
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Computation of water losses caused by the settling of ice and snow
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(Ice on rivers, lakes, etc.)
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