

RYABCHIKOV, I.D.; KORZHINSKIY, D.S.; MARAKUSHEV, A.A.; LEEDEV, A.P.

Reviews. Izv. AN SSSR. Ser. geol. 30 no. 10:144-157 0 '65  
(MIRA 18:12)

1. Institut geologii rudnykh mestorozhdeniy petrografii, mineralogii i geokhimii AN SSSR, Moskva (for Ryabchikov, Korzhinskiy, Marakushev). Submitted Febr. 24, 1964.

KORZHINSKIY, G.P.; ZUBAREVA, Ye.I., ved. red.; YAKOVLEVA, Z.I.,  
tekhn. red.

[Table of conversion of the density of petroleum products]  
Tablitsa perescheta odnositel'noi plotnosti nefteproduktov.  
Moskva, Gostoptekhizdat, 1962. 19 p. (MIRA 16:6)  
(Petroleum products--Density)

KORZHINSKIY, S. I.

"Vitamin A in the Blood During Dystrophy in Young Children." Cand Med Sci,  
Lvov Medical Inst, Lvov, 1953. (RZhBiol, No 7, Dec 54)

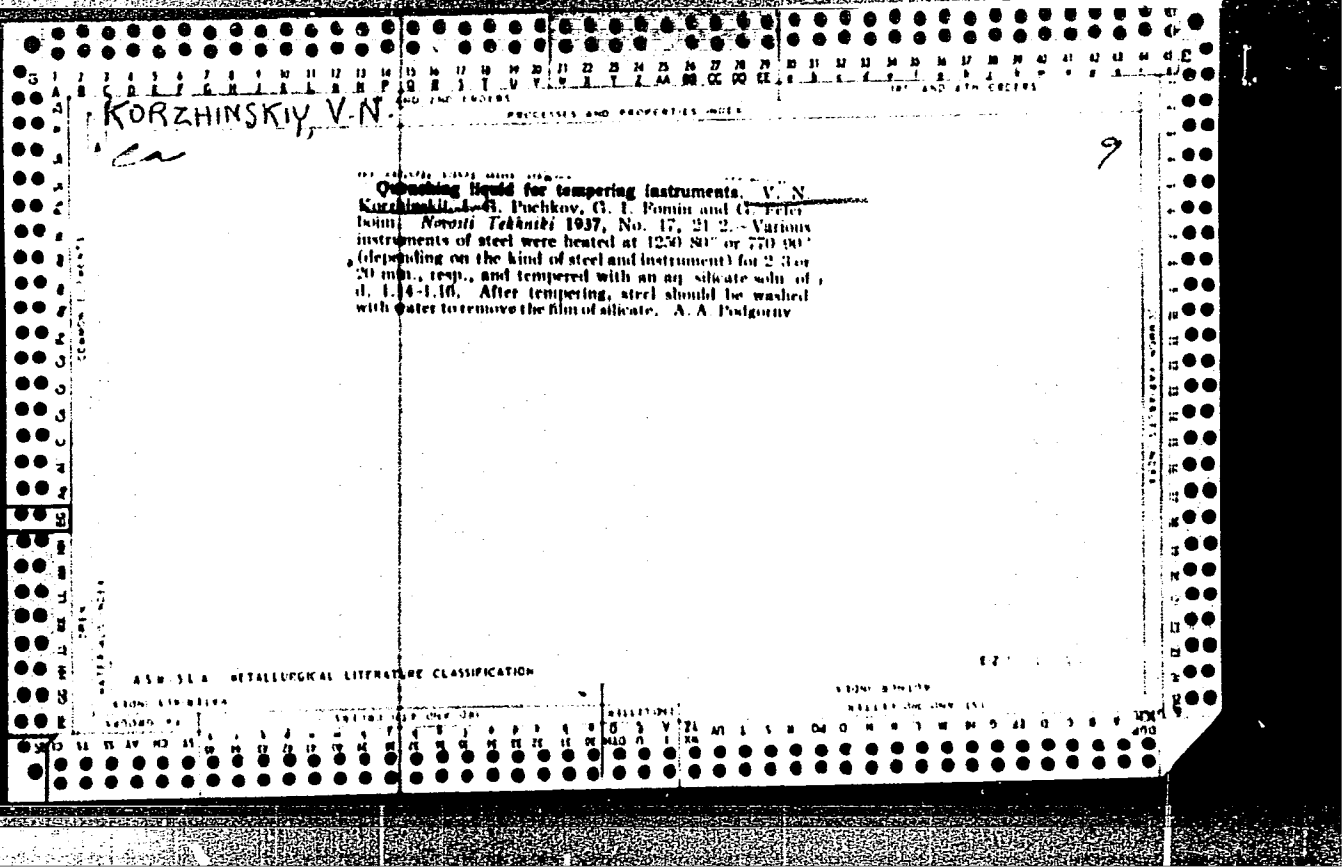
Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

KORZHINSKIY, S.I. [Korzhyms'kiy, S.I.], kand.med.nauk; KHENKINA, Ye.V.  
[Khenkina, YE.V.], kand.med.nauk; KRIKUNOVA, K.G. [Krykunova, K.H.]

Clinical and epidemiological analysis of the relapsing course of  
dysentery in younger children. Ped., akush. i gin. 19 no.3:30 '57.  
(MIRA 13:1)

1. Klinika detskikh bolezney (zav. - prof. S.I. Ignatov) L'vovskogo  
meditsinskogo instituta (dir. - prof. L.M. Kus'menko) I-ya detskaya  
infektsionnaya bol'nitsa (glavnyy vrach - K.G. Krikunova).  
(DYSENTERY)



MIKHEYEV, V.V.; NEVZOROVA, T.A., KORZHINSKIY, V.N., redaktor; KARTSEVA,  
K.K., tekhnicheskiy redaktor

[Neural and psychic diseases; textbook for intermediate medical  
schools] Nervnye i psikhicheskie bolezni; uchebnik dlia srednikh  
meditsinskikh shkol. Moskva, Gos. izd-vo med. lit-ry, 1953. 326 p.  
[Microfilm] (MLRA 7:10)  
(Nervous system--Diseases)

BESKHODARNOV, V.N.; KORZHNEV, N.S.

New data on the weathering surface on untrabasic rocks in the  
Altai Territory. Kora vyvetr. no.5:309-314 '63.

(MIRA 16:7)

1. Zapadno-Sibirskoye geologicheskoye upravleniye.  
(Altai Territory--Weathering)

KORZHOV, A., inzh.-podpolkovnik

In a leading maintenance company. Part 2: Before and after  
regular operations. Av. i kosm. 47 no.9:64-70 S '64  
(MIRA 17:8)



KORZHOV, A., inzh.-podpolkovnik

When formation technicians set the right tone. Av. i  
kosm. 48 no.12:61-64 D '65. (MIRA 18:11)

KORZHOV, A., inzh.-podpolkovnik

Mechanization and labor productivity. Av. i kosm. 47 no.11:  
71-75 N '64. (MIRA 17:11)

KORZHOV, A., inzh.-podpolkovnik

In an outstanding maintenance company. Part 3: Engineer and the  
quality of prescribed work. Av. i kosm. 47 no.10:77-81 0 '64.  
(MIRA 17:10)

KORZHOV, H. P.

KRYLOV, A.N., akademik; SMIRNOV, V.I., akademik, redaktor; SHIMANSKIY, Yu.A., akademik, redaktor; KORZHOV, A.P., kandidat tekhnicheskikh nauk, redaktor; SMIRNOVA, A.V., ~~tekhnicheskii~~ redaktor

[Collection of works] Sobranie trudov. Moskva, Izd-vo Akademii nauk SSSR. Vol.12, Pt.1. [Miscellaneous works] Raznye raboty. 1955. 345 p. (MIRA 9:3)  
(Mathematics--Collected works)

ABRAMOV, V., student-zaochnik, prepodavatel'; KRENEV, A., student-zaochnik, prepodavatel'; SOKOLOV, M., prepodavatel'; YUSIPOV, M., prepodavatel'; SOLOV'YEV, I., prepodavatel'; KORZHOV, M., tovaroved, prepodavatel'.

"Storage of foodstuffs in the commercial network." Reviewed by V. Abramov and others. Sov. torg. 33 no. 9:50-51 S '60.

(MIRA 14:2)

1. Zaochnyy tekhnikum sovetskoy trgovli. 2. Starshiy kladovshchik Moskovskogo kholodil'nika No. 1 (for Yusipov). 3. Zaveduyushchit gastronomicheskim otdelom magazina "Gastronom" (for Solov'yev).  
(Groceries—Storage)

KORZHOV, M. (Krasnogvardeyskoye, Krymskoy obl.)

There where the waste land was. Muk.-elev. prom. 28 no.1:18  
Ja '62. (MIRA 16:7)

(Crimea--Corn(Maize))

KORZHOV, N.

1862

USSR/Automatic Small Arms 0401.

Oct 1947

"Automatic Weapons, N. Korzhov, 3 pp

"Za Oboronu" Vol XXIII, No 12

Generally describes development of automatic weapons starting with Maxim machine gun and covering Vickers, Browning, Colt, etc. Picture and description of Goryunov machine gun (1943). General description of automatic and semiautomatic rifles including Degtyarev "DP" (Degtyarev Infantry) automatic rifle (1927), and Simonov and Tokarev semiautomatic rifles (1936 and 1940). Picture and general description of PPS-43 machine pistol. No specific information on rate of fire, etc., of any of these weapons.

1862

KORZHOV, N. (Belgorod)

Inspector Mochalin. Pozh.delo 7 no.12:7-8 D '61.  
(MIRA 14:11)

(Fire prevention--Inspection)



KORZHOV, N.I.

Economic microdistrict. Nauch. zap. Ver. otđ. Geog. ob-va:114-116  
'63. (MIRA 17:9)

*Korzhov, N.I.*

KORZHOV, N.I.

Don Valley in the Voronezh section; economic geography of its  
features. Vop.geog. no.32:117-133 '53. (MIRA 10:11)  
(Don Valley--Economic geography)

KORZHOV, N.I.

Utilizing materials of resolutions of the Central Committee of the Communist Party and of the Soviet Government in lessons on economic geography of the U.S.S.R. Geog.v shkole no.4:1-8 J1-Ag '54. (MLRA 7:8)

(Geography, Economic)

KORZHOV, N. I.

Stimulating instruction on the economic geography of the U.S.S.R.  
Geog. v shkole 22 no.3:42-47 My-Je '59. (MIRA 12:11)  
(Geography, Economic--Study and teaching)

KORZHOV, N.I.

Role of Voronezh Province cities in creating regions. Izv.Vor.otd.  
Geog.ob-va no.3:45-52 '61. (MIRA 15:11)  
(Voronezh Province--Cities and towns)

KORZHOV, P.F., inzhener.

Concrete placer for construction yards. Stroi.prom. 34 no.11:36  
N 156. (MLRA 9:12)

1. Magnitostroy.  
(Concrete construction--Formwork) (Building machinery)

KORZHOV, P., inzhener.

Economic method of electric heating. Stroitel' no.2:22 P '57.

(MIRA 1:3)

(Concrete construction)(Formwork)  
(Building blocks--Drying)

KORZHOV, P., inzhener,

Platform trailer. Stroitel' no.4:12 Ap '57.  
(Automobiles--Trailers)

(MIRA 10:6)



*KORZHOV, V.A.*

KRUSHINSKIY, L.V.; KORZHOV, V.A.; MOLODKINA, L.N.

Effect of electric shock on pathological states caused by sound stimuli in rats [with summary in English]. Zhur.vys.nerv.deiat. 8 no.1:95-102 Ja-F '58. (MIRA 11:3)

1. Laboratoriya patofiziologii kafedry fiziologii vysshey nervnoy deyatel'nosti Biologopochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta.

(NOISE, effects,

exper. neurol. disord., eff. of electric shock in rats (Rus)

(ELECTRICITY, effects,

on exper. neurol. disord. induced by noise (Rus)

KORZHOV, V.A.

Some results of using radar observations in determining  
the efficiency of modification of convective clouds.  
Geofiz. i astron. no.8:103-105 '65.

(MIRA 19:1)

1. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologi-  
cheskiy institut.

BRAYNES, S.H., prof., red.; NAPALKOV, A.V., red.; KONEV, S.V., red.;  
~~KORZHOV, Y.A., red.~~; FEDYANIN, G.P., red.; KOBRINSKAYA, O.Ya.,  
red.; KUCHINA, Ye.V., red.

[Problems in experimental pathology; collection of articles from  
the experimental pathology laboratory] Voprosy eksperimental'noi  
patologii; sbornik rabot laboratorii eksperimental'noi patologii.  
Pod obshchei red. S.N.Brainsesa. Moskva, 1959. 339 p.

(MIRA 14:2)

1. Akademiya meditsinskikh nauk SSSR. Institut psikiatrii.  
(NERVOUS SYSTEM--DISEASES)

KORZHOV, V.A.; SORVACHEV, K.F.

Effect of stimulation of the central nervous system on the dynamics of inorganic phosphorus in the blood and tissues. Nauch. dokl. vys. shkoly; biol. nauki no.4:70-73 '59. (MIRA 12:12)

1.Rekomendovana kafedroy biokhimii zivotnykh i laboratoriyey patofiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(PHOSPHORUS METABOLISM) (SOUND--PHYSIOLOGICAL EFFECT)

L 8302-66 EWT(1)/FCC GM

ACC NR: AT5028302

SOURCE CODE: UR/3133/65/000/008/0103/0105

AUTHOR: Korzhev, V. A. 44,55

ORG: Ukrainian Scientific Research Hydrometeorological Institute (Ukrainskiy n.-i. gidrometeorologicheskii institut) 44,55 31 B41

TITLE: Some results of radar observation application to evaluating the success of artificial action on convective clouds

SOURCE: AN UkrSSR. Mezhdovedomstvennyy geofizicheskiy komitet. Informatsionnyy byulleten', no. 8, 1965. Geofizika i astronomiya (Geophysics and astronomy), 103-105

TOPIC TAGS: cloud seeding, radar observation, radar echo, atmospheric precipitation 12,44,55

ABSTRACT: A method of radar observations is described for differentiating artificial sources of precipitation from natural ones. In the study, an aircraft seeding technique was used, and the resulting precipitation sources were observed by radar echo by means of an RLS 1-2 antenna. A set of five techniques is outlined for distinguishing the artificial precipitation source from the natural one.

Card 1/2

2

KORZHOV, V.A.; MUCHNIK, V.M.; SPASSKAYA, I.V.

Some conclusions from observations on atmospheric electricity and condensation nuclei in Kiev. Mezhdunar. geofiz. god [Kiev] no.2: 124-129 '60. (MIRA 14:1)

1. Ukrainian Research Institute for Hydrometeorology.  
(Atmospheric electricity) (Atmospheric nucleation)

KORZHOV, V.A.

Study of the kinetics of the enzymatic aminoacylation of  
a-RNA. *Biochimii* 30 no.4:690-695 1985. (MIRA 18:8)

1. Institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR,  
Novosibirsk.

KORZHOV, V.D., inzhener; YEZHAKOV, A.N., inzhener.

Mechanisation of the founding shop of the Saratov building machinery  
plant. Stroi. i dor. mashinostr. no.2:21-22 F '57. (MIRA 10:3)  
(Saratov--Foundries)



KORZHOV, V.G., (Leningrad)

Calm and culture. Zdorov'e 3 no.9:25 8 '57. (MLRA 10:9)  
(HEALTH RESORTS, WATERING PLACES, ETC.--HYGIENIC ASPECTS)

ACC NR: AP7000367 (A) SOURCE CODE: UR/0413/66/000/022/0149/0150

INVENTOR: Korzhov, V. N.; Ledovskikh, A. T.; Svoyanovskiy, V. I.; Kobylko, Ye. K

ORG: None

TITLE: A device for defrosting blocks of frozen food products. Class 53, No. 188834 [announced by the Central Design Office of the Scientific Research and Design Institute for Mechanization of the Fishing Industry (Tsentral'noye konstruktorskoye byuro nauchno-issledovatel'skogo i konstruktorskogo instituta mekhanizatsii rybnoy promyshlennosti)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 149-150

TOPIC TAGS: food preservation, food product machinery, food technology

ABSTRACT: This Author's Certificate introduces: 1. A device for defrosting blocks of frozen food products, e. g. fish. The unit consists of a chain conveyor with containers for the frozen food blocks, sprinklers located above the upper branch of the conveyor, vibrators uniformly distributed along the conveyor and a bottom pan for collecting the water. Vibration of the carrier chain in the conveyor is eliminated to increase the service life of the equipment by loosely fastening the food containers to the links of the chain conveyor so that they may move in the vertical plane. The vibrator consists of a shaft with symmetrically fastened cams and connecting rods

Card 1/2

UDC: 664.8.037.59.05

0930

2082

KORZHOV, Yu.K.

Foreign ties of the E.O. Paton Institute of Electric Welding.  
Avtom. svar. 13 no.12:90-91 D '60; (MIRA 13:11)  
(Electric welding)

KORSHOVA, R. A.

Pioneers (Communist Youth)

Experiences in conducting pioneer assemblies. Geog.v shkole, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1957, Uncl.

2

KORZHOVA, R.V.; BYTCHENKO, D.A., dotsent, saveduyushchiy.

Unusual case of multiple otogenous abscesses of the brain. Vest.oto-rin. 15  
no.4:78-79 J1-Ag '53. (MLBA 6:9)

1. Klinika bolesney ukha, gorla i nosa Chernovitskogo meditsinskogo instituta.  
(Brain--Abscess)

BYTCHENKO, D.A.; KORZHOVA, R.V.

Arterial pressure and pulse in otolaryngological surgery. Vest.  
oto-rin. 17 no.6:33-37 N-D '55. (MIRA 9:2)

1. Iz kafedry bolezney ukha, gorla, i nosa (sav.--dotsent D.A. Bytchenko)  
Chernovitskogo meditsinskogo instituta.

(BLOOD PRESSURE,

in otorhinolaryngol. surg.)

(PULSE,

in otorhinolaryngol. surg)

(SURGERY, OPERATIVE, blood in,  
pressure & pulse in otorhinolaryngol. surg)

1. 1974 (5/24/74)

2. 1974 (5/24/74)

3. 1974 (5/24/74) Fizika, Abs. 12754

4. 1974 (5/24/74) Fizika, Abs. 12754

5. 1974 (5/24/74) Temperature hysteresis in the separation

of a polymer solution

6. 1974 (5/24/74) Temperature hysteresis in the separation

of a polymer solution

7. 1974 (5/24/74)

8. 1974 (5/24/74) Temperature hysteresis in the separation

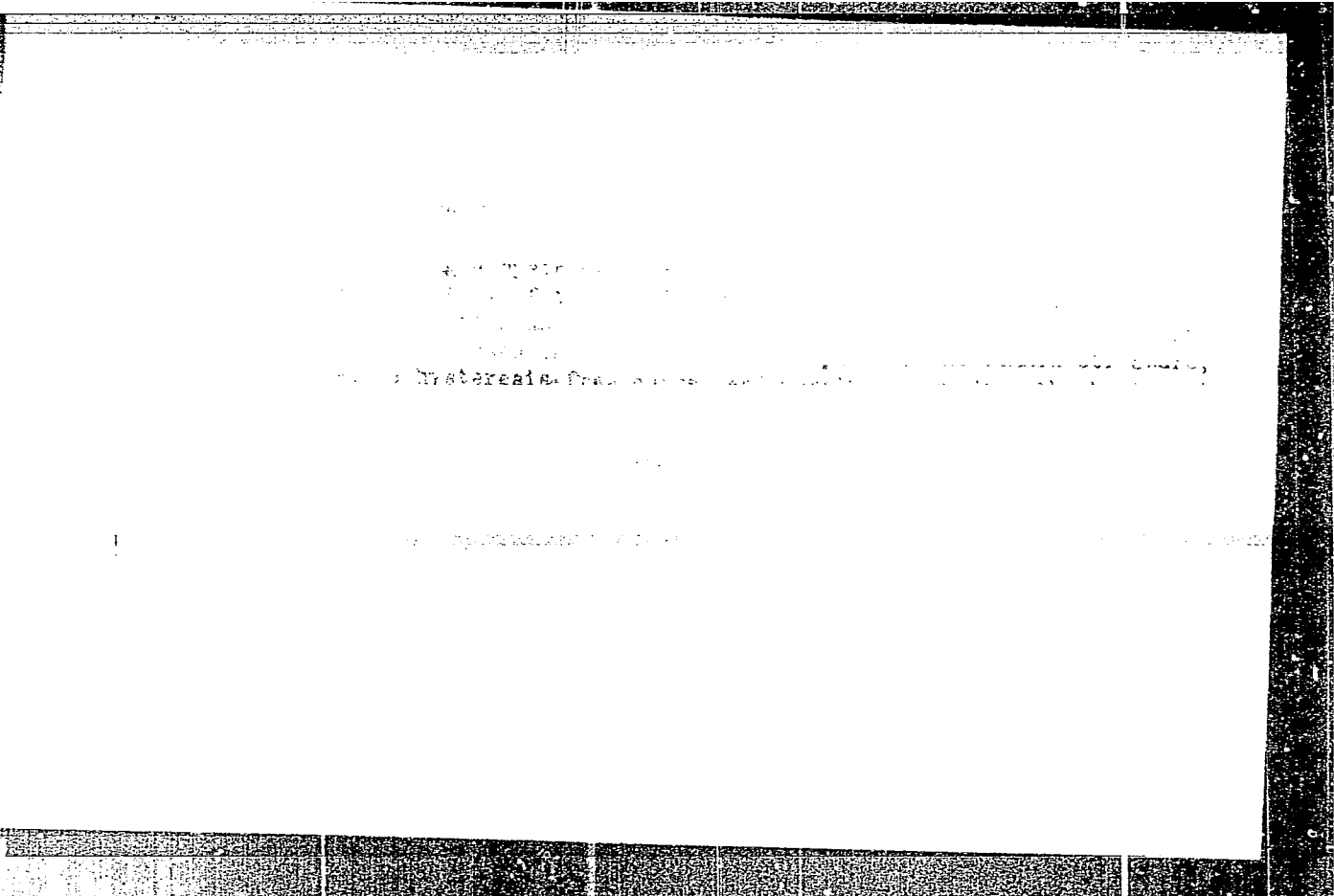
of a polymer solution

9. 1974 (5/24/74) Temperature hysteresis in the separation

of a polymer solution

10. 1974 (5/24/74) Temperature hysteresis in the separation

of a polymer solution





L 27199-66 EWT(m)/EWA(d)/ENP(t)/ETI IJP(c) JH/JD

ACC NR: AP6015253

SOURCE CODE: UR/0125/66/000/005/0074/0075

AUTHOR: Rabkin, D. M.; Bukalo, L. A.; Korzhova, V. Ya.; Dem'yanchuk, A.S.

30  
B

ORG: none

TITLE: Heterogeneity of aluminum-magnesium alloy welds

SOURCE: Avtomaticheskaya svarka, no. 5, 1966, 74-75

TOPIC TAGS: aluminum alloy, magnesium containing alloy, alloy weld, weld property/  
AMg3 alloy, AMg6 alloy

ABSTRACT: The nature of the dark areas frequently appearing in x-ray pictures alongside welds, and their effect on the properties of AMg3 and AMg6 aluminum-magnesium alloy welds, have been investigated. Alloy plates 3 or 6 mm thick were TiG-welded with steel backing. In these welds the dark areas were about 0.5 mm wide. The specimens with and without dark areas had roughly the same tensile strength, 32.2 kg/mm<sup>2</sup> and 31.6 kg/mm<sup>2</sup>. The fracture in both specimens was also similar. Spectral analysis revealed a sharp increase in magnesium content in the location of dark areas: 7.2% instead of 2.8-3.8% for AMg3 alloy and 11% instead of 6% for AMg6 alloy. The microhardness of  $\alpha$ -solid solution in the dark area was 77-87 kg/mm<sup>2</sup> as compared to 60-66 kg/mm<sup>2</sup> in the weld or in the annealed base metal. Thus, the dark areas are formed as a result of the enrichment of alloy with magnesium. They do not reduce the strength of the weld. Orig. art. has: 4 figures.

SUB CODE: 11, 13/ SUBM DATE: none/ ATD PRESS: 4258  
Card 1/1 UDC: 621.791.019

[AZ]

ALEKSEYEV, Mikhail Dmitriyevich; SLOBODSKAYA, Doroteya Isaakovna; KORZHOVA, Yu.<sup>A.</sup>  
spebs. red.; MUKHINA, Ye.M., red.; FORMALINA, Ye.A., tekhn. red.

[Canning mackerel and saurel ~~in oil~~ in batch-type blanchers] Vyrabotka  
konservov v masle iz skumbrii i stavridy v blansirovateliakh pre-  
ryvnogo deistviia. Moskva, Rybnoe khoziaistvo, 1961. 16 p.

(Fish, Canned)

(MIRA 14:9)

BORODATOV, V.A., kand.biolog.nauk; DEMIDOV, V.F.; DUKHANIN, A.N.; ZHUKOVA, A.I.; KADIL'NIKOV, Yu.V.; KARPECHENKO, Yu.L.; KORZHOVA, Yu.A.; MAKHOVER, Z.I.; PETROV, G.P.; PROSVIROV, Ye.S.; HULEV, N.N.; SOKOLOV, O.A.; SPICHAK, M.K.; KHROMOV, N.S.; SHUIN, V.I., red.; FORMALINA, Ye.A., tekhn.red.

[Study of tuna fish and sardines in the eastern part of the Atlantic Ocean; report on the cruise of the scientific fishery survey expedition of 1957] Issledovaniia tuntsa i sardiny v vostochnoi chasti Atlanticheskogo okeana; reisovyi otchet nauchno-poiskovoi ekspeditsii, 1957 g. Moskva, 1959. 158 p. (MIRA 13:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.  
(Atlantic Ocean--Tuna fish) (Atlantic Ocean--Sardines)  
(Fish, Canned)

KARDASHEV, A.V., kand.tekhn.nauk; KORZHOVA, Yu.A., inzhener-tekhnolog

Changes occurring in the properties of fresh fish under the effect  
of gamma rays. Trudy VNIRO 45:15-25 '62. (MIRA 16:5)  
(Fishery products—Preservation) (Radiation sterilization)

OSIPOV, V.G.; KIZEVETTER, I.V.; ZHURAVLEV, A.V.; SUCHKOV, A.I.,  
spets. red.; KORZHOVA, Yu.A., spets. red.; KAMENSKAYA,  
Ye.A., red.

[Tuna fish and swordfish of the Pacific and Indian Oceans]  
Tuntsy i mecheobraznye Tikhogo i Indiiskogo okeanov. Mo-  
skva, Izd-vo "Pishchevaia promyshlennost'," 1964. 72 p.  
(MIRA 17:8)

ISAKOV, A.I., kand.tekhn.nauk; POZNAYEV, A.P.; KORZHUK, G.K.

Quality of particle board. Bum. i der. prom. no.2:32-36 Ap-Je '63.  
(MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.

KORZHUA, U.S.

Installation pickups for the woodworking industry. Bum. i der. prom.  
no.3:21-25 JI-S '65. (MIRA 18:9)

ISAKOV, A. I., kand. tekhn. nauk; POZNAYEV, A. P., inzh.; KORZHUK,  
G. K., inzh.

Automatic device for controlling and sorting panel parts and  
slabs. Der. prom. 12 no.2:7-10 F '63. (MIRA 16:4)

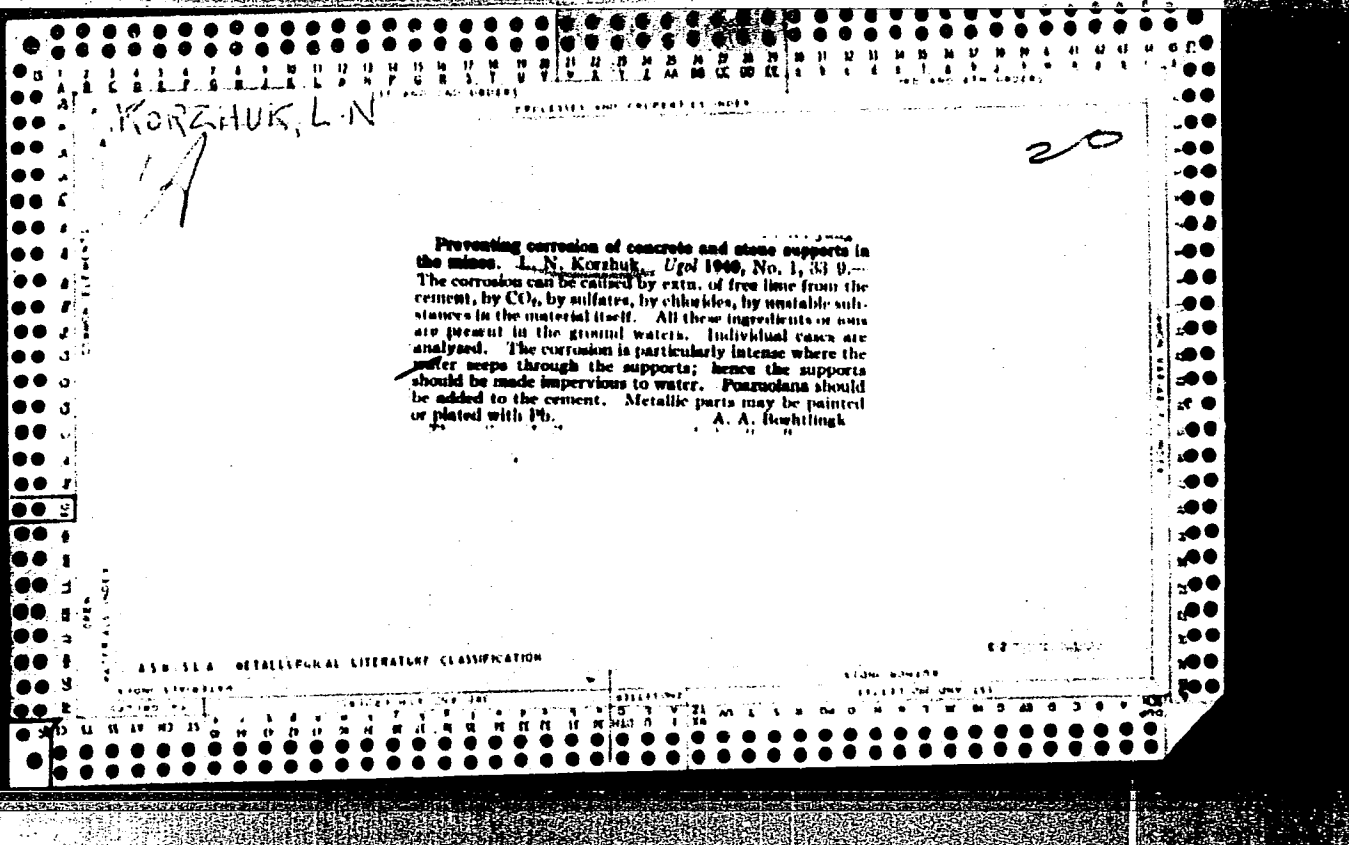
1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy  
obrabotki drevesiny.

(Hardboard) (Sorting devices)  
(Automatic control)

POZNAYEV, A.P.; KORZHUK, G.K.

Controlling the moisture of chip pulp during the production of  
particle boards. Bum. i der. prom. no.4:7-10 O-D '64  
(MIRA 18:2)





22

**KORZHIK L. N.**

**Method for Water-Permeability Investigation of Solidified Concrete and Concrete on a Laboratory Scale.**  
 (In Russian.) L. N. Korzhik. *Zavodskaya Laboratoriya* (Factory Laboratory), v. 14, June 1948, p. 714-719.

Proposes a new concept of coefficient of filtration, determination of which is the basis of the above method. Mathematical basis of the method and its practical application are indicated. Obtained data are tabulated.

PROCESSES AND PROPERTIES INDEX

COMMON VARIANTS MOST

ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION

INDICES

1ST AND LETTERS

KORZHUK, L.N., dotsent, kand. tekhn. nauk

Classification of the roofs of galleries in the Moscow Basin.  
Nauch. trudy Tul. gor. inst. no.4:83-90 '61. (MIRA 16:8)

(Moscow Basin--Mine timbering)

KORZHUK, L.N., dotsent

Maintenance costs for Moscow Basin mines. Izv.vys. ucheb. zav.;  
gor. zhur. no.6:27-31 '60. (MIRA 14:5)

1. Tul'skiy mekhanicheskiy institut. Rekomendovana kafedroy gornoy  
mekhaniki i gornogo dela.

(Moscow Basin--Coal mines and mining--Costs)  
(Mine timbering)

KORZHUK, L. N.; KONUKHIN, V. P.

Timber-installing machine. Gor. zhur. no.10:75-76 0 '62.  
(MIRA 15:10)

(Mine timbering—Equipment and supplies)  
(Automatic control)

28576  
S/187/61/000/010/001/007  
D053/D113

9.7910

AUTHORS: Nazarov, S.Kh., Korzhuikov, N.G., Pletnev, A.P., and Yakovlev, O.N.

TITLE: The type 6-35 magnetic tape

PERIODICAL: Tekhnika kino i televideniya, no. 10, 1961, 7-11

TEXT: The authors describe the manufacturing process of the type 6-35 magnetic tape and compare its operating characteristics with those of other types of tape. Unlike other Soviet-produced tapes, this perforated 35-mm tape has a ferromagnetic coating made of  $\gamma$ -ferric oxide without an admixture of cobalt compounds. It was jointly developed in 1960 by the Shostkinskiy filial NIKFI (Shostka Branch of the NIKFI), the Shostkinskiy khimzavod (Shostka Chemical Plant) and the VNAIZ. The film for the tape is made of CBX-40 (SVKh-40) synthetic resin, which is a copolymer of vinyl chloride and vinylidene chloride, with aromatic hydrocarbons and ketones as solvents. The film is then coated with a ferromagnetic suspension on a special МП-400 (MP-400) machine designed and built in 1960 by the Shostka Chemical Plant. #

Card 1/1 3

23576  
S/187/61/000/010/001/007  
D053/D113

The type 6-35 magnetic tape

The type 6 magnetic powder contained in the ferromagnetic suspension is made of  $\alpha$ -FeOOH which is processed into  $\gamma$ -ferric oxide. The grains are acicular, 0.2  $\mu$  long, and have a length to crossover ratio of  $\approx 7:1$ . The performance of the new 6-35 type magnetic tape was investigated and the obtained operating characteristics were compared with those of the "Gevasonor T-200", 2-35, 4-35, C-1 54-4558 (S-1 54-4558) (standard) tapes, and with the tape produced by the "Piral'" firm [Abstracter's note: the name is given in Russian transliteration]. The basic electroacoustical characteristics of Soviet magnetic tapes are compiled in Table 2. It can be seen that the type 4-35 and 6-35 tapes have similar electroacoustical characteristics except that the demagnetizability index of the former is 4.5 db less than that of the latter. A comparison of the amplitude characteristics, remanence variations and the coercivity of these tapes showed that (1) the cobalt-free 6-35 magnetic tape possesses a better demagnetizability than cobalt-containing 2-35 and 4-35 tapes, especially with the elapse of time; (2) the optimum value of the high-frequency bias current and the value of the recording current required for obtaining a given magnetization level were reduced in the 6-35 tape; and (3) the basic characteristics of the 6-35 tape remain practically

Card 2/4

KORZHUKOV, N.G.; OZEROVA, M.I.; KHCMYAKOV, K.G.; ONIKIYENKO, L.D.

Fusibility diagram of the system  $MgCl_2 - MnCl_2$ . Vest. Mosk.  
un. Ser. 2:Khim. 20 no.4:59-60 J1-Ag '65. (MIRA 18:10)

1. Kafedra obshchey khimii Moskovskogo gosudarstvennogo uni-  
versiteta.



KORZHUKOV, N.G.; OZEROVA, M.I.; KHOMYAKOV, K.G.; ONIKIYENKO, L.D.

The system  $\text{FeCl}_2 - \text{MgCl}_2$ . Zhur.neorg.khim. 11 no.1:202-203  
Ja '66.

(MIRA 19:1)

1. Submitted January 7, 1965.

MLETS, A.M. [deceased]; ZHUKOVA, V.A.; KORZHUKOV, N.G.; LEBEDEV, D.D.

Kinetics of the calcination of crushed pyrites in a fluidized bed.  
Khim.prom. no.11:830-833 '63. (MIRA 17:4)

NERCHUKOV, N.S.; CZEROVA, N.I.; KHOMYAKOV, K.S.

Melting diagrams of the systems  $\text{FeCl}_2 - \text{CoCl}_2$  and  $\text{FeCl}_2 - \text{MgCl}_2$ .  
Vest.Mosk.un.Ser.2:Khim. 20 no.3:62-63 My-Je '65. (MIRA 18:8)

1. Kafedra obshchey khimii Moskovskogo universiteta.

MUSULYAK, N.M., kandidat meditsinskikh nauk; KORZHUKOVA, P.I. (Moskva)

Case of acute primary xanthomatosis. Klin.med. 34 no.4:59-61 Ap '56.  
(MIRA 10:1)

1. Iz kafedry propedevtiki i diagnostiki vnutrennikh bolezney  
(dir. - chlen-korrespondent AMN SSSR prof. V.Kh.Vasilenko) I  
Moskovskogo ordena Lenina meditsinskogo instituta.

(LIPOIDOSIS,

xanthomatosis, primary generalized (Rus))

KORZHUKOVA, P.I. (Moskva)

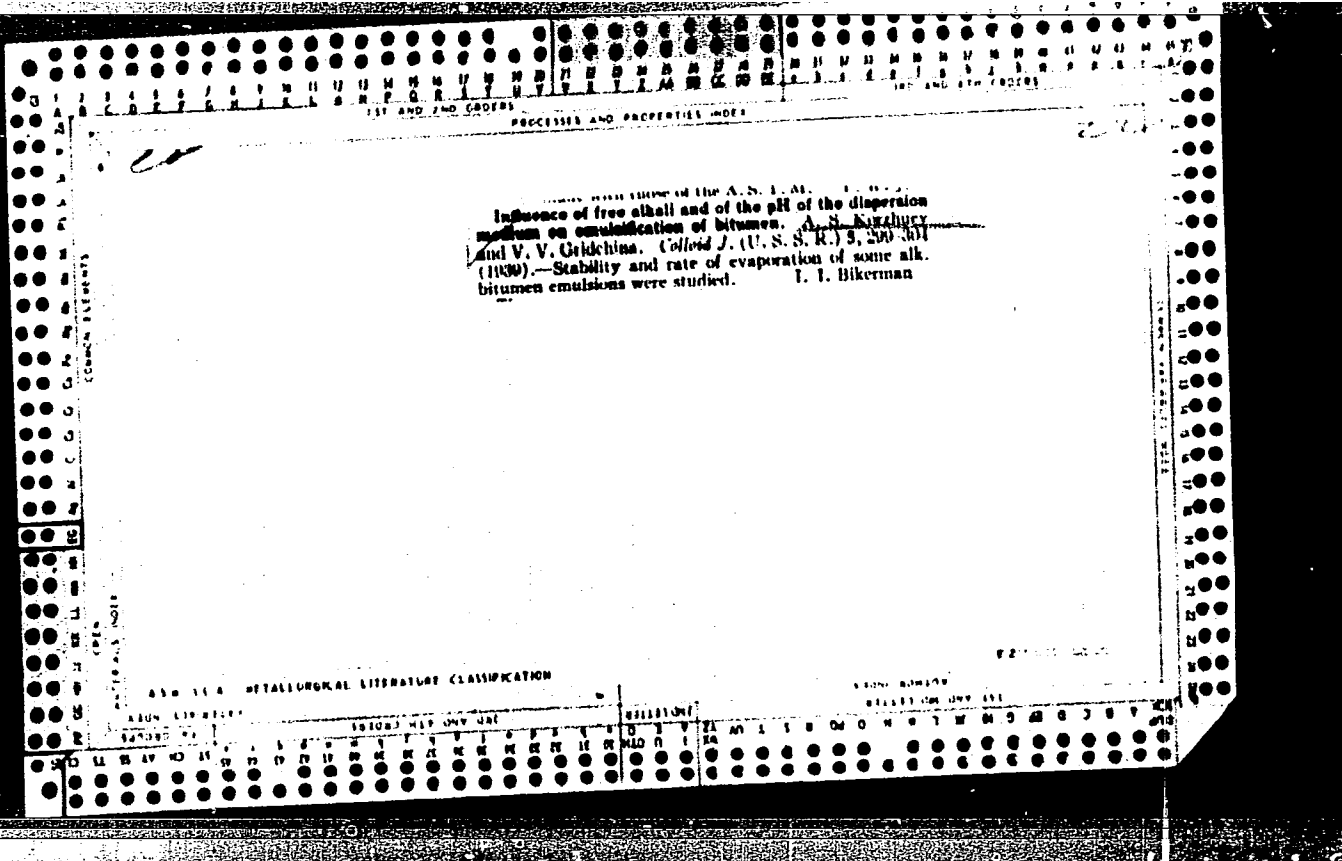
Reiter's disease. Klin.med. 36 no.3:103-105 Mr '58. (MIRA 11:4)

1. Iz propedevticheskoy terapevticheskoy kliniki (zav. - deystvitel'-nyy chlen ANN SSSR prof. V.Kh.Vasilenko) i Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(REITER'S DISEASE

clin. manifest. & ther. (Rus))





1ST AND 2ND ORDERS

100 AND 6TH ORDERS

PROCESS AND PROPERTIES INDEX

CA

2

Effect of the pH of the solution on the sedimentation of clays. A. S. Karimov and Z. L. Borisova. *Colloid J.* (U. S. S.-R.) 4, 475-82 (1962).—One part of clay was shaken with 5 parts of H<sub>2</sub>O, and the sedimentation of the suspension obtained was observed. Some clays sediment at once, while others produce a gradually increasing deposit. The effect of the pH is not uniform although strong acids usually accelerate, and strong alkalies retard, the sedimentation.  
J. J. Bikerman

COMMON ELEMENTS

MATERIALS INDEX

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1ST AND 2ND ORDERS

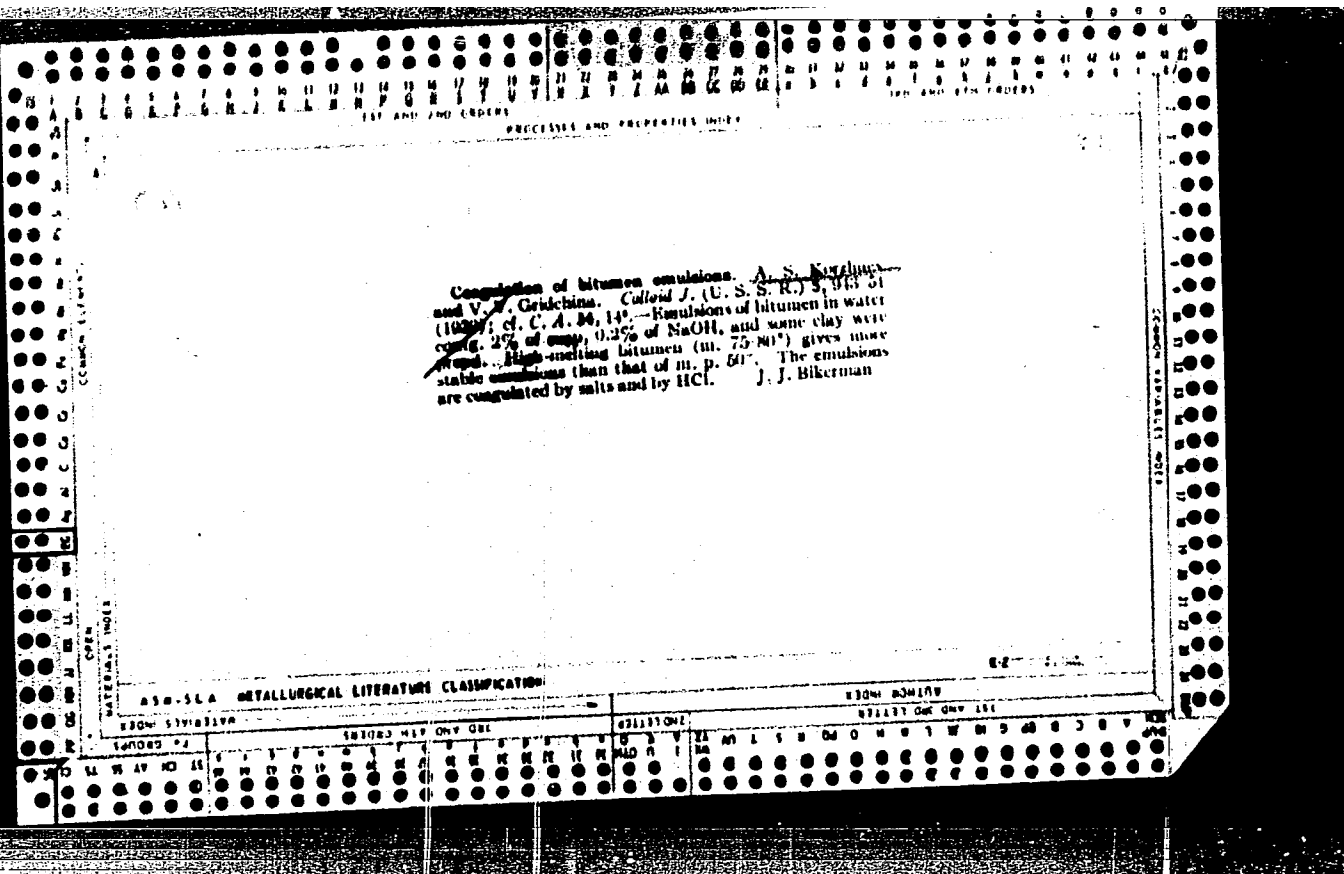
100 AND 6TH ORDERS

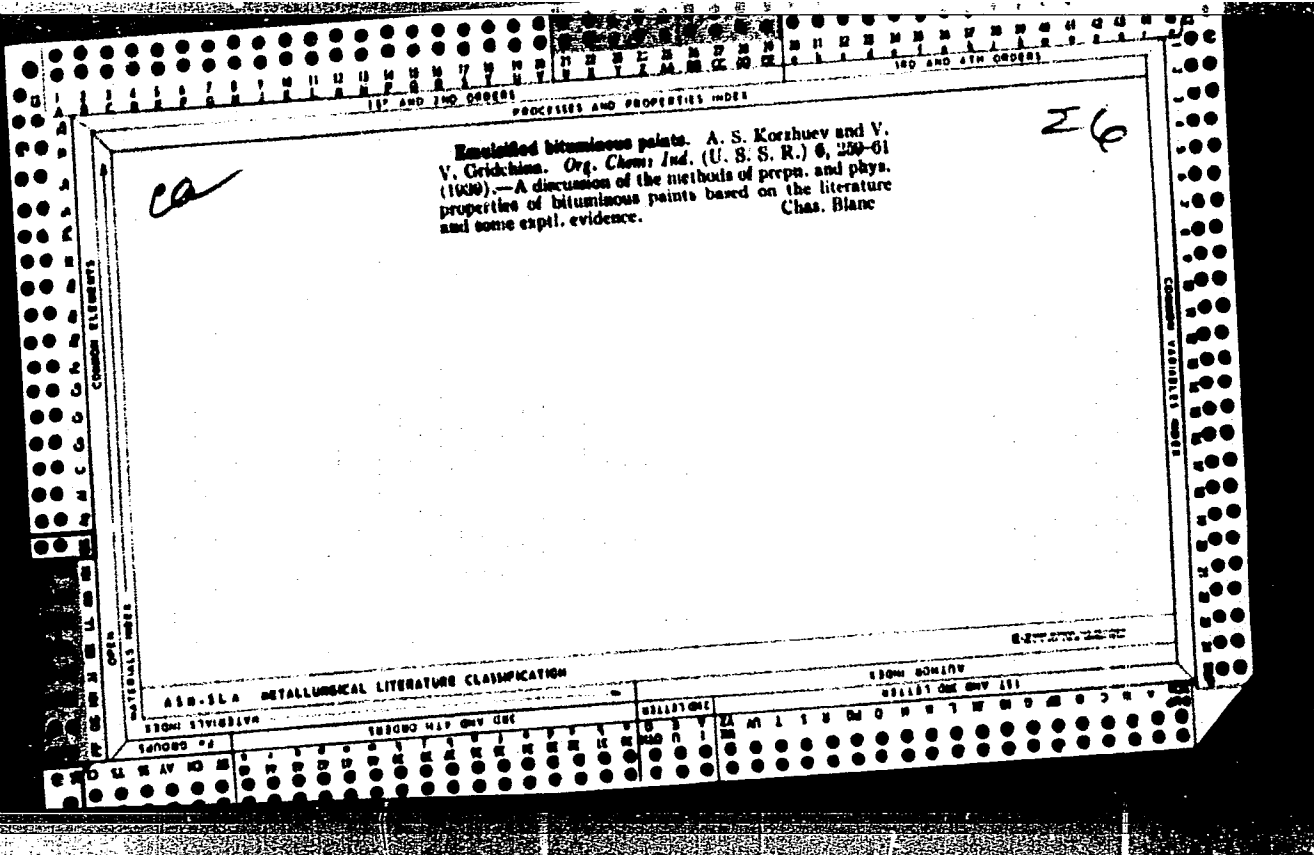
1ST AND 2ND ORDERS

100 AND 6TH ORDERS













KORZHUYEV, A.S.

14(5) p. 5, 6 PHASE I BOOK EXPLOITATION SOV/1393

Akademiya nauk SSSR. Institut nefti

Trudy, t. 11. Neftepromyslovoye delo (Transactions of the Petroleum Institute, Academy of Sciences, v. 11. Oil Field Industry) Moscow, Izd-vo AN SSSR, 1958. 346 p. 2,000 copies printed.

Resp. Ed.: Krylov, A.P.; Ed. of Publishing House: Sevina, Z.A.;  
Tech. Ed.: Kiseleva, A.A.

PURPOSE: This book is intended for geological engineers specializing in oil well drilling and oilfield operations.

COVERAGE: This book, a collection of 26 articles, describes the mineral composition of hard, friable, and plastic rocks, their deformation and destruction at various geological platforms of the Soviet Union; it further presents designs of rock bits with different cutters, which can be successfully used for crushing various formations. The effect of electric current on binding

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substances such as cement slurry, plaster and lime solutions, as well as their treatment with electric current carried out to accelerate hardening are also discussed. It is stated that electric current may be used for strengthening the walls of a well, and that this promising method has been successfully tested on various cores. Designs of electrodes used for this purpose are presented. Drilling of deep wells with conventional and sectional turbodrills is analyzed, and turbodrill parts described. Oil well drilling in eastern Soviet regions appears to be complicated by an excessive filtration of drilling fluid into formations of various horizons. To overcome this, methods improving the plugging properties of cement slurry are proposed. In this connection the adhesion of stone-like cement to rocks of different composition has been studied with the aid of various apparatus, and the filtration of drilling fluid into formations of Tatar Republic oilfields has been analyzed. Methods of eliminating the negative centrifugal force of presently used deep well pumps are proposed, as are new systems of pump jacks. The restoration of bottom-hole pressure in formations with

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varying permeability is investigated on the basis of theoretical calculations and graphs. Attempts to extract petroleum from the loose sands of the Romashkino oilfield by injecting water or certain petroleum products, free of paraffin and tar, are described and results of experiments given. The method of stimulating petroleum flow in various petroliferous provinces by injecting high pressure gas into a partially depleted formation is explained, and some recommendations given. The process of subterranean burning of a part of the petroleum deposit, as a thermal method of petroleum recovery, is discussed, and laboratory experiments illustrated by numerous graphs. Tectonics of soft, clayey rocks are investigated in connection with the problem of caving, and the results of experiments made to ascertain the effect of tension and moisture on the stability of such rocks are analyzed. The influence of pressure on the selective saturation of quartz rocks with water or petroleum, as well as on the saturation of porous rocks is investigated. Laboratory experiments were made in an attempt to find out the saturation rate of various minerals wetted with water after being treated

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with various solutions. Tests conducted in connection with the problem of equipment corrosion proved that DQ-Na solution is a good inhibitor against corrosion and that sulfide coating is a good protective agent for steel against corrosion. The procedure of turbine drilling under different conditions is analyzed and the advisability of lowering the upstream pressure of the drilling fluid is emphasized. The prevention of caving by applying various methods is discussed, and the application of a coefficient established on the basis of calculations is recommended. Hydraulic fracturing of formations and the treatment of oil wells with hydrochloric acid are also recommended as efficient methods for boosting crude oil production. The development of natural gas recovery in the Saratov and Stalingrad regions is outlined, and the advantage of the utilization of natural gas on a larger scale is emphasized. Bibliographic references accompany each article.

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TITKOV, N.I.; KOZHUJEV, A.S.; DON, N.S.

Effect of electric current on solutions of binding materials.  
Trudy Inst.nefti 11:53-72 '58. (MIRA 11:12)  
(Binding materials) (Electric currents)



NIKISHIN, V.A.; TITKOV, N.I.; KORZHUYEV, A.S.

Determining the setting time of cement slurry by means of electric  
resistance and temperature. Trudy Inst.nefti 11:73-84 '58.  
(MIRA 11:12)

(Portland cement)

TITKOV, N.I.; KORZHUYEV, A.S.; NIKISHIN, V.A.; SMOLYANINOV, V.G.

Using electric current for strengthening rocks in well walls.  
Trudy Inst.nefti 11:85-110 '58. (MIRA 11:12)  
(Rocks) (Electric currents)

KORZHUYEV, A. S.; NICHIPORENKO, S. P.; KUKOLEVA, G. V.; OVCHARENKO, F. D.; ANTIPOV-KARATAYEV  
I. N.; VOLAROVICH, M. P.; SHISHNIASHVILI, M. Ye. BERESTNEVA, Z. Ya.; DENISOV, N. Ya.;  
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"Structure formation in the colloidal chemistry of clays and peat."

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KORZHUYEV, A. S.

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PHASE I BOOK EXPLOITATION

SOV/2641

Titkov, Nikolay Iosafovich, Aleksandr Sergeyeovich Korzhuyev, Vladimir Georgiyevich Smolyaninov, Vladimir Aleksandrovich Nikishin, and Anna Yakovlevna Neretina

Elektrokhimicheskiy metod zakrepleniya neustoychivyykh gornyykh porod (Electrochemical Method for Consolidation of Unstable Rocks) Moscow, Gostoptek-hizdat, 1959. 77 p. (Series: Novaya tekhnika neftyanoy promyshlennosti) Errata slip inserted. 2,000 copies printed.

Ed.: M.A. Geyman; Exec. Ed.: N.D. Dubrovina; Tech. Ed.: A.S. Polosina.

PURPOSE: This book is intended for engineers and technicians of the petroleum and mining industry, for constructors of railroads, highways, and hydraulic systems, and for scientists concerned with the problem of consolidating unstable soft rock formation.

COVERAGE: The book presents scientific principles of the electrochemical method applied in order to consolidate unstable soft rocks, and reviews results of laboratory and field tests conducted to appraise the practicability of

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Electro-chemical (Cont.)

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this method. Results of tests made by the Petroleum Institute of the Academy of Sciences, USSR, indicate that this promising method may find a wide application in petroleum and natural gas production. It may result in the elimination of metallic casing pipes inasmuch as the use of direct current combined with the application of special solutions (electrolytes) can consolidate argillaceous and other rocks to the extent which will make the further reinforcement of borehole walls unnecessary. It has been ascertained that electrochemical consolidation of walls of wells drilled in clayey formations can be applied to wells in process of drilling as well as to wells already in production. The book contains a detailed analysis of tests made under different geological conditions in the Tatarskaya ASSR, illustrates results of these tests in numerous tables, shows the composition of solutions used, and describes the laboratory and field equipment with the aid of which the experiments were carried out. The method under review can be successfully used in coal and ore mining, and in the construction of ventilation shafts, of hydraulic and irrigation systems, etc. The authors thank Academician P.A. Rebinder, Senior Scientific Assistant N.N. Serb-Serbina, and Professor V.P. Petrov for their valuable comments. They also thank members of the Petroleum Institute of the Academy

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Electro-chemical (Cont.)

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of Sciences V.Ye. Bykov, Ye.G. Getts, S.N. Yelovikova, N.I. Maksimova,  
and A.S. Chetkhlov. There are 5 references: 3 Soviet and 2 German.

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[Electrochemical soil compaction method and prospects for its use  
in well drilling] Elektrokhimicheskii metod zakrepleniia gruntov  
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Akad.nauk SSSR, 1959. 176 p. (MIRA 12:11)  
(Soil compaction)



TITKOV, N.I.; KORZHUYEV, A.S.; SMOLYANINOV, V.G.; NIKISHIN, V.A.

Stabilizing clays in well walls by the electrochemical  
method. Neft.khoz. 37 no.3:38-40 Mr '59. (MIRA 12:5)  
(Clay)

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Direct current processing of clays. Trudy Inst. geol. i razrab. gor.  
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(Clay)

MAKSIMOVA, N.I.; SERB-SERBINA, N.N.; TITKOV, N.I.; KORZHUYEV, A.S.

Changes in strength of argillaceous rocks subjected to electrochemical treatment. Koll.zhur. 23 no.5:605-614 S-0 '61.

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TITKOV, N.I.; MAKSIMOVA, N.I.; KORZHUYEV, A.S.; SFERINA, I.D.

Method for determining the strength and character of the  
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MAKSIMOVA, N.I.; TITKOV, N.I.; KORZHUYEV, A.S.

Strength of cohesion between some resins and clays. Koll.  
zhur. 26 no.3:396-397 My-Je '64. (MIRA 17:9)

1. Institut geologii i razrabotki goryuchikh iskopayemykh, Moskva.



KORZHUYEV, D.A.; NOSKOVA, A.V.; USPENSKIY, Ye.M.; MOZOL'KOVA, D.A.

Long storage of potatoes using chemical compounds. Trudy VNIISP  
no. 4:160-179 '54. (MIRA 8:12)  
(Potatoes--Storage) (Growth inhibiting substances)

KORZHUYEV, D.A.

Weight losses of potatoes in storage. Spirt.prom.21 no.2:12-15 '55.  
(MLRA 8:10)

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Organization of cover for material. Vest. protivovozd. obor.  
no.5:63-65 My '61. (MIRA 14:7)  
(Surveillance radar) (Camouflage (Military science))

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A tailor shop on a collective farm. Rab. i sial. 37 no. 12:  
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