PERSHIN, Mikhail Alekseyevich; MIGUKIN, Aleksandr Timofeyevich;
KIM, Leonid Vasil'yevich; TSYBAYEV, Igor' Gennad'yevich;
MARKUS, L.M., red.; ALABYSHEVA, N.A., red.izd-va; GIPTE,
V.L., tekhn. red.

[Movable tool-repair shops on city-block construction sites]
Peredvizhnye instrumental'no-remontnye masterskie na ob"-
ektakh kvartal'noi zastroiki; opyt raboty Glavleningradstroia.
Leningrad, 1963. 15 p. (Leningradskii dom nauchno-tekhniche-
skoi propagandy. Seriia: Stroitel'noe proizvodstvo, no.5)
(MIRA 16:12)

(Leningrad--Construction equipment--Maintenance and repair)

MIGUKIN, Aleksandr Timofeyevich; LEVCHENKO, Ye.V., red.; GRIGOR'YEVA,
I.S., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Repairing the metal components of the K-32 and LAZ-690; opyt
Glavleningradstroia. Leningrad, 1962. 27 p. (Leningradskii
dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom.
Seriia: Stroitel'naia promyshlennosti', no.7) (MIRA 15:11)
    (Cranes, derricks, etc.--Maintenance and repair)

MIGUKIN, A.T., inzh.

Create a unified repair technique. Stroi.i dor.mash. 6 no.8:
28-29 Ag '61.

(MIRA 14:8)

(Building machinery—Repairing)

MIGUKIN, A.T., inzh.

Sheathing steel cables using metal tubes.   Biul.tekh.inform.
po stroi. 5 no.12:17-18 '59.   (MIRA 13:4)
        (Cables)

MIGUKIN, A.

Machinery operators suggest. Biul. tekh. inform. po stroi. 5
no.6:28 Je '59.   (MIRA 12:10)
        (Excavating machinery--Maintenance and repair)

MIGUKIN, A., inzh.

Improving operation of tower cranes. Biul. tekh. inform. po stroi.
5 no.5:28 My '59.   (MIRA 12:8)
          (Cranes, derricks, etc.)

MIGUKIN, A., inzh.

Modernization of tower crane wheels. Stroitel' no. 8:10 Ag '58.
(MIRA 11:8)

(Cranes, derricks, etc.)

MIGUKIN, A., inzh.; NEDEL'SKIY, T., inzh.

Moving assebled tower cranes. Biul. tekh. inform. 4 no.5:15-16
My '58.   (MIRA 11:8)

(Cranes, derricks, etc.)

MIGUKIN, A.T,, inzhener.

Equipment for transporting gantry of the SBK-1 crane mounted on
the IAAZ-210E truck. Nov.tekh.i pered.op. v stroi. 19 no.3:27
Mr '57.   (MLRA 10:4)
            (Cranes, derricks, etc.)

MIGUKIN, A.T., inzh.

Modernizing some parts of the SBK-1 tower crane. Biul. tekh. inform.
3 no.11:10-13 N '57.   (MIRA 11:1)
                        (Cranes, derricks, etc.)

MIGUKIN, A.T.; RYZHOV, B.M.

Electric powered pile plank extractor. Rats.i izobr.predl.v stroi
no.58:16-17 '53. (MLRA 7:2)
(Pile driving)

SNITKO, K. K.; MIGRIN, B. A.

"Artilleriiskie Porokha i Zariady," Moscow, 1950.

MIGRIAULI, A. I.

562   Opyt mekhanizatsii i elektrifikatsii zhivotnovoistva
       kolkhoza imeni Makhoradze, Gareubanskogo rayona
       Gruzinskoy SSR. /M./, 1954. 8s. 20 sm. (M-vo sel'skogo
       khozyaystva SSSR. M-vo sovkhozov SSSR. Vsesoyuz.
       nauch. inzh-tekhn. o-vo energetikov. Nauch.-tekhn.
       soveshchaniye po mekhanizarsii i elektrifikatsii trudoyemkikh
       protsessoy v zhivotnovodstve). 1.000 ekz. Bespl-
       /54-54643/ p   636.0025 (47.922)

       SO: Knizhnaya Letopis, Vol. 1, 1955

IRANYI, Jeno, dr.; MIGRAY, Sandor, dr.

The first Hungarian-made current-exciting device usable in all fields
of current-exiting therapy has been prepared; Myotest B, the modern
current-exciting device. Ujit lap 12 no.5:21 10 Mr '60.

GELEJI, Frigyes; LEVAI, Gyula; MIGRAY, Emod

    Castor oil as a raw material of the chemical industry. Magy kem
    lap 15 no.7:298-303 Jl '60.

    1. Szerves Vegyipari es Muanyagipari Kutato Intezet.

MIGRAY, Emod (Budapest, VIII., Muzeum korut 4/a); BOSZORMENYI, Zoltan
(Budapest, VIII., Muzeum korut 4/a)

Application of growth regulating materials in grape cutting.
Botan kozl 47 no.3/4:261-271 '58.

MIGRAY, Emod

New device for exact reading of liquid levels in burets. Emod MIGRAY. *Magyar Chem. Folyóirat* 38, 83–4(1932).—The reading is made easier and more exact by using a glass ring encircling the buret and provided with a vernier scale. S. S. DE FINÁLY

CHUKHADZHYAN, G.A.; VOSKANYAN, S.M.; MIGRANYAN, T.Sh.; KARAPETYAN, N.G.

Copolymers of acetaldehyde. Izv. AN Arm.SSR.Khim.nauki 17 no.4:466
'64.   (MIRA 18:6)

1. Yerevanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta sinteticheskogo kauchuka im. S.V.Lebedeva.

MIGOVK, Ye.P.[Mihovk, E.P.]; YERES'KO, V.O.[IFres'ko, V.O.];
        BOGATYREV, M.O.[Bohatyr'ov, M.O.], retsenzent;
        FAYNZIL'BERG, S.E., retsenzent; GRIHSHPON, F.O.
        [Hrinshpon, F.O.], red.; MALYAVKO, A.V. tekhn. red.

        [Laboratory work in general heat engineering]Laboratorni
        roboty z zahal'noi teplotekhniky. L'viv, Vyd-vo L'vivs'-
        koho univ., 1960. 154 p.   (MIRA 15:11)
                (Heat engineering—Laboratory manuals)

L 8315-66   EWT(1)/FCC   GW

ACCESSION NR: AR5013957

UR/0169/65/000/004/G003/G003
550.311

SOURCE: Ref. zh. Geofizika, Abs. 4G14

AUTHOR: Belyayev, I V.; Migovich, I.M.

TITLE: Abyssal structure of the Apuksko-Pakhachinskiy shield (on the basis of geophysical research data)

CITED SOURCE: Sb. Probl. vulkanizma. Petropavlovsk-Kamchatskiy, Dal'nevost. kn. izd-vo, 1964, 22-23

TOPIC TAGS: earth crust, magnetic anomaly

TRANSLATION: A study was made of the characteristics of the magnetic field and its interpretation. Two systems of large-scale anomalies were distinguished. Due to the fact that shield deposits do not affect the general structure of the anomalous field, the distinguished systems of anomalies reflect the abyssal structure of the territory. A series of large anomalous zones are interpreted as abyssal fractures controlling the distribution of individual large centers of effusive activity.

SUB CODE: ES   ENCL: 00

Card 1/1

2

MESHKOVA, N.D.; MIGOTINA, Ye.N.; KONOVALOV, D.S.

Dissociation energy of the carbon-halogen as dependent on the molecular volume. Zhur. fiz. khim. 38 no.9:2251-2252 S '64.
(MIRA 17:12)

83974

S/080/60/033/009/006/021
A003/A001

The Thermal Decomposition of Antimony and Germanium Hydrides

linear character. An equation was derived. The results obtained agreed with experimental data found by other authors. There are 6 figures and 18 references: 7 Soviet, 6 German, 4 English, 1 American.

SUBMITTED: December 28, 1959

Card 2/2

83974

5 4700

AUTHORS: Konovalov, D.S., Migotina, Ye.N.

TITLE: The Thermal Decomposition of Antimony and Germanium Hydrides

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol. 33, No. 9, pp. 1995-2001

TEXT: Recently the possibility of developing a single theory of chemical kinetics is considered based on the theory of heterogeneous-homogeneous catalysis both for the case of gaseous reactions which were regarded until now as homogeneous reactions and also for conditions of usual catalysis (Ref. 1). In this connection the reaction of thermal decomposition of hydrides, especially of antimony and germanium, is of great interest, because it is accompanied by the formation of a solid phase. The analysis of the experimental data led to the conclusion that the thermal decomposition mentioned must be regarded as an auto-catalytic reaction, the acceleration of which takes place at the expense of an excess of chemical energy of the atoms and radicals formed during the process of chemosorption. The change of the monomolecular constant K of the reaction rate with the temperature T, the pressure P and the decomposition depth x has a

Card 1/2

MIKHITRA, E.N.

Slowed-down thermal decomposition of organic compounds. D. S. Konovalov and E. N. Mikhitra. J. Appl. Chem. U.S.S.R. 26, 291-4 (1953). See C.A. 47, 10320d.

II. L. II.

KONOVALOV, D.S.; MIGOTINA, Ye.N.

Slowed-down thermal decomposition reactions of organic compounds. Priklad.
Khim. 26, 328-31 '53. (MLRA 6:3)
(CA 47 no.20:10329 '53)

CA

Pyrolysis of derivatives of lactic acid. D. S. Konovalov and E. N. Migotina. *Zhur. Priklad. Khim.* (J. Applied Chem.) **22**, 910-13(1949).—Formal 2nd-order rate consts., $k = (1/t)[x/100(100 - x)]$[time (in sec.), were calcd. from exptl. data of Smith, *et al.* (C. 1. **36**, 2841); Fischer, *et al.* (C.A. **39**, 4965); Ratchford, *et al.* (C.A. **37**, 4361)); on the high-temp. decompn. of esters, MeCH(OAc)·CO$_2$R, which proceeds partly along MeCH(OAc)CO$_2$-C$_n$H$_{2n+1} \rightarrow$ CH$_2$:CHCO$_2$C$_n$H$_{2n+1}$ + AcOH, partly according to MeCH(OAc)CO$_2$C$_n$H$_{2n+1} \rightarrow$ MeCH(OAc)-CO$_2$H + C$_n$H$_{2n}$. The rate const. k of the 1st reaction (formation of ester of acrylic acid) separately was calcd. in the same manner, with $x = 100 - (100/a)$, where $c =$ per cent yield of the acrylate, $a =$ per cent decompn. of the initial ester. Both k and k' obey the Arrhenius equation, $\log k = A - (B/T)$, with the following values of the consts. for the total decompn. (temp. range in parentheses): R = Me, A = 15.1925, B = 11360 (395-583°); CH$_2$:CHCH$_3$, 13.9345, 13260 (525-572°); MeCH:CHCH$_3$, 13.9300, 13200 (475-550°); Ph, 6.5455, 7607 (440-600°); o-MeC$_6$H$_4$, 2.0185, 3867 (500-591°). The rate const. k' of formation of esters of acrylic acid through decompn. of the corresponding esters of MeCH(OAc)·CO$_2$H, is, for R = CH$_2$:CHCH$_3$, A' = 6.6435, B' = 7500 (525-572°); MeCH:CHCH$_3$, 6.6435, 7500 (475-550°); o-MeC$_6$H$_4$, 5.3550, 7188 (500-591°). Degrees of decompn. and percentages of acrylate formed, calcd. with the aid of these data for R = CH$_2$:CHCH$_3$, MeCH:CHCH$_3$, and o-MeC$_6$H$_4$, are in good agreement with the exptl. data. For the decompn. of the acrylates according to CH$_2$:CHCO$_2$C$_n$H$_{2n+1} \rightarrow$ CH$_2$:CHCO$_2$H + C$_n$H$_{2n}$, A = 13.0700, B = 12430 (490-574°), equal for R = Et and iso-Bu. The 2nd order is purely formal, being simulated by a highly complex reaction mechanism.   N. Thon

L 32663-65
ACCESSION NR: AP5005572   ENCLOSURE: 01
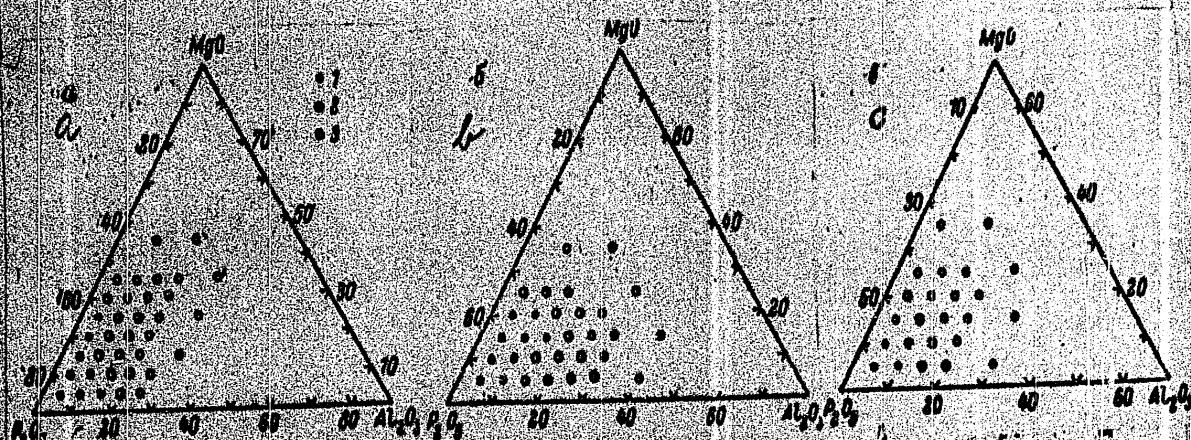
Figure 1. The system P_2O_5-MgO-Al_2O_3-Na_2O, a-10% Na_2O, b-20% Na_2O, c-30% Na_2O.
1-transparent glass, 2- crystallization, 3-incomplete melting.

Card 3/3

L 32663-65

ACCESSION NR: AP5005572

narrower temperature interval than glasses having a ratio smaller than 1. Selected compositions with 20% Na_2O were used as a low-melting enamel base and gave coatings of good quality on aluminum. Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: Novocherkasskiy politekhnicheskiy institut im. S. Ordzhonikidze (Novocherkassk polytechnic institute)

SUBMITTED: 25Jan63

NO REF SOV: 007

ENCL: 01

OTHER: 000

SUB CODE: MT

Card 2/3

L 32663-65 EWT(l)/EWP(e)/EWT(m)/EPA(s)-2/EWP(o)/EWP(n)-2/EWT(t)/T/EPA(w)-2/
EWA/EWP(b)   FAb-10/Fc-4/Fr-4/Fs-4/Pt-10/Fu-4; IJP(c)   JD/JG/WH
ACCESSION NR: AP5005572   s/0080/65/038/002/0414/0416

AUTHOR: Amirov, K. P.; Mirsaidaliyev, A. S.

TITLE: Study of the system phosphorus pentoxide - magnesia - alumina - sodium
oxide as a base for low-melting enamel

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 2, 1965, 414-416

TOPIC TAGS: enamel, low melting enamel, sodium aluminum magnesium phosphate,
mixed phosphate, phosphate glass, aluminum enamel, glass crystallization

ABSTRACT: Melts of the system P_2O_5-MgO-Al_2O_3-Na_2O were prepared over a wide range
of compositions and tested for their physical and chemical properties in order to
determine their usability as a low melting base for aluminum enamels. The measure-
ments covered crystallization (see Fig. 1 of the Enclosure), thermal expansion,
softening point, and weight loss in boiling water. Although many glasses had a
crystallization capacity in 3-hr. tests at 450-800C, most compositions did not
crystallize at 470-550C, i.e. the temperature range of commercial application.
The studied properties are shown to be related to Na_2O content and to the ratio
P_2O_5/Al_2O_3+MgO; e.g., glasses with this ratio exceeding 1 crystallize within a

Card 1/3

L 35455-65

ACCESSION NR: AR5005681

ters.

SUB CODE: MM, MT   ENCL: 00

Card 2/2

L 15455-65   EPR/EWT(m)/EWP(b)/EWA(d)/EWP(t)   Ps-4   IJP(c)   MJW/JD

ACCESSION NR: AR5005681   S/0276/64/000/008/B091/B091

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya. Svodnyy tom, Abs. 8B566

AUTHOR: Migonadzhiyev, A. S.

TITLE: Enamelling of aluminum alloys

CITED SOURCE: Tr. Novocherk. politekhn. in-ta, v. 154, 1963, 27-32

TOPIC TAGS: aluminum alloy enamelling, metal surface preparation, phosphate glass enamel / AL-9 alloy, AL-10V alloy

TRANSLATION: The article presents the results of tests carried out by the Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnic Institute), at the instigation of the Chelyabinskiy traktornyy zavod (Chelyabinsk Tractor Factory), to determine the feasibility of enamelling cast alloys AL-9 and AL-10V. It was shown that these alloys are suitable for enamelling. Phosphate glasses can serve as a base for obtaining readily fusible enamels with firing temperatures suitable for enamelling on these alloys. Surface preparation by oxidizing in an acid solution can be recommended as a way of insuring strong bonding and preventing blis-

Card 1/2

ZANNES, A.N.; KAZARNOVSKIY, D... ; SLEPAKINA, O.B.; MIGOU, C.B.

Experiments in selecting the optimum hardening medium for
hardening rolls along their entire length with heating
by high frequency currents. Sbor. trud. UNIIM no.13:352-364
'65.

BUDNIKOV, P.P., akademik; AZAROV, K.P.; LYUTSEDARSKIY, V.A.;
MIGONADZHIYEV, A.S.; OMEL'CHUK, L.N.

Separation of gases in the interaction of phosphate enamels
with aluminum. Stek. i ker. 18 no.12:23-24 D '61.
(MIRA 16:8)

1. Akademiya nauk UkrSSR (for Budnikov).
(Aluminum coating)   (Phosphate coating)
(Gases in metals)

NIGOL', G. N.

Experience of the "Azovstal'" Plant in Prolonging the Life of Crane Wheels by Quench-Hardening With High-Frequency Heating.

Povsheniye iznosostoykosti i sroka sluzhby mashin. t. 2 (Increasing the Wear Resistance and Extending the Service Life of Machines. v. 2) Diyev, Izd-vo AN UkrSSR, 1960. 290 p. 3,000 copies printed. (Series: Its: Trudy, t. 2)

Sponsoring Agency: Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo mashinostroitel' noy promyshlennosti. Tsentral'noye i Kiyevskoye oblastnoye pravleniya. Institut mekhaniki AN UkrSSR.

Editorial Board: Resp. Ed.: B. D. Grozin; Deputy Resp. Ed.: D. A. Dragror; M. P. Braun, I. D. Fayneman, I. V. Kragel'skiy; Scientific Secretary: M. L. Barabash; Ed. of v. 2: Ya. A. Samokhvalov; Tech. Ed.: N. P. Rakhlina.

COVERAGE: The collection contains papers presented at the Third Scientific Technical Conference held in Kiyev in September 1957 on problems of increasing the wear resistance and extending the service life of machines. The conference was sponsored by the Institut stroitel'noy mekhaniki AN UkrSSR (Institute of Structural Mechanics of the Academy of Sciences Ukrainian SSR), and by the Kiyevskaya oblastnaya organizatsiya nauchno-tekhnicheskogo obshchestva mashinostroitel' noy promyshlennosti (Keyev Regional Organization of the Scientific Technical Society of the Machine-Building Industry).

SOV/1%-58-8-16/30

Favorable Conditions for Induction-hardening of Various Parts of Equipment

ASSOCIATION: Zhdanovskiy metallurgicheskiy institut (Zhdanov Metallurgical Institute) and Zavod "Azovstal'" ("Azovstal'" Works)

1. Metals--Hardening   2. High frequency currents--Applications

Card 2/2

SOV/133-58-8-1?/30

AUTHORS: Shirokov, A.L., C... ... ... nical Sciences, and
Zannes, A... , ..., A.L., ..., G.N.

TITLE: Favorable Condition. .. Induction-hardening of Various
Parts of Equipment (...ai.nel'ayye rezhimy induktsionnoy
zakalki detal... ... ... vaniya)

PERIODICAL: Stal', 195?, ..., p. ?30 - 7?6 (USSR)

ABSTRACT: Optimum condition. .. .. hardening with high-frequency
currents on ... ...tion with a rotary generator of
100 kW (2 500 cps) .f rolls of various diameters, tooth
wheels, crane whe... a.d brake pulleys were investigated.
The results are given in tables and figures. It is con-
cluded that by using the above equipment for hardening a
depth of the active layer of 3 - 4 mm can be obtained.
The total depth of the hardened layer of up to 10 mm can
be obtained. Application of high-frequency hardening
brought about an increase in the service life of machine
parts, on the average, by 2-3 times.
There are 11 figures, 3 tables and 3 Soviet references.

Card 1/2

MIGOCKI, W.

Silesian Planetarium. p.165
(PRZEGLAD BUDOWLANY, Vol. 28, No. 4, Apr. 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

MIGMANOVA, N.Sh.; CHEPIK, O.F.

Hemangiopericytoma of the soft tissues; ...
10 no.10:105-108 '64.

1. Iz 2-go khirurgicheskogo otdeleniya (zav.
AMN SSSR prof. A.I.Rakov) i patologomorfolog
(zav. - doktor med.nauk S.F.Serov) Instituta
(direktor - deystvitel'nyy chlen AMN SSSR p...
Adres avtorov: Leningrad, Pesochnoye, 2, Ins...
Institut onkologii AMN SSSR.

MINENKO, I.L.; MIGLYACHENKO, A.F.

Adoption of the international unit system. Izv.vys.ucheb.zav.i tekh.leg.
prom. no.1:3-11 '63.

(Units)

(MIRA 16:3)

The Dependence of Thermophysical, Rheological, and Electrophysical Properties of Colloidal Capillary-porous Bodies on the Form of Moisture Bond

S/170/60/003/02/04/026
B008/B005

extreme shear stress on the moisture content (%) for sandy loam, black soil, and Poltava loams. A comparison of investigation results shows that the critical points on all curves correspond to the limits of moisture elimina-tion with various forms of bond from the solid phase of the substance. V. S. Vol'kenshteyn is mentioned. There are 1 figure, 1 table, and 9 Soviet references.

ASSOCIATION: Pedagogicheskiy institut, g. Zaporozh'ye (Pedagogical Institute, City of Zaporozh'ye)

Card 2/2

S/170/60/003/02/04/026
B008/B005

AUTHOR: Miglyachenko, A. F.

TITLE: The Dependence of Thermophysical, Rheological, and Electrophysical Properties of Colloidal Capillary-porous Bodies on the Form of Moisture Bond

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 2, pp. 25-30

TEXT: This investigation deals with the dependence of heat coefficients, maximum shear stress, electrical conductivity, and shrinkage of colloidal capillary-porous bodies on the form of moisture bond. The classification of forms of bond suggested by P. A. Rebinder was used. Tension measurements, refractometric and interferometric methods, as well as the thermograms of the hygroscopic point described in Ref. 3, and the method of the drying described in Ref. 3, were used to determine the water-adsorbing properties of the substances investigated. The experimental data are compiled in Table 1. Fig. 1 indicates the dependence of the thermal conductivity, and the coefficient, the thermal diffusivity, the electrical conductivity, and the

Card 1/2

MIGLYaChENKO, A. F. Cand Phys-Math Sci -- (diss) "Dependence of

the Thermal, Rheological and Electrical Properties of Colloidal

Capillary-Porous Bodies on the Forms of Association of Absorbed

Vapor," Odessa, 1960, 12 pp, 200copies (Odessa State University im

I. I. Mechnikov) (KL, 46/60, 123)

KAZANSKIY, M.F.; MIGLYACHENKO, A.F.

Heat coefficients and differential moisture of Pobiyanskii and
Pyzhovskii bentonites. Bent. gliny Ukr. no.2:86-93 '58.
(MIRA 12:12)

1.Kiyevskiy pedagogicheskiy institut.
(Bentonite)

CATEGORY :

ABS. JOUR : Ref Zhur Biolog ya, No. 5, 1959, No. 20037

AUTHOR :

INST. :

ORIG. PUB. :

ABSTRACT - meadow Chernozem show little decrease with
a rise in temperature. -- S.A. Nikitin

CARD : 2/2

ILLEGIBLE

MICLOVETS, F.
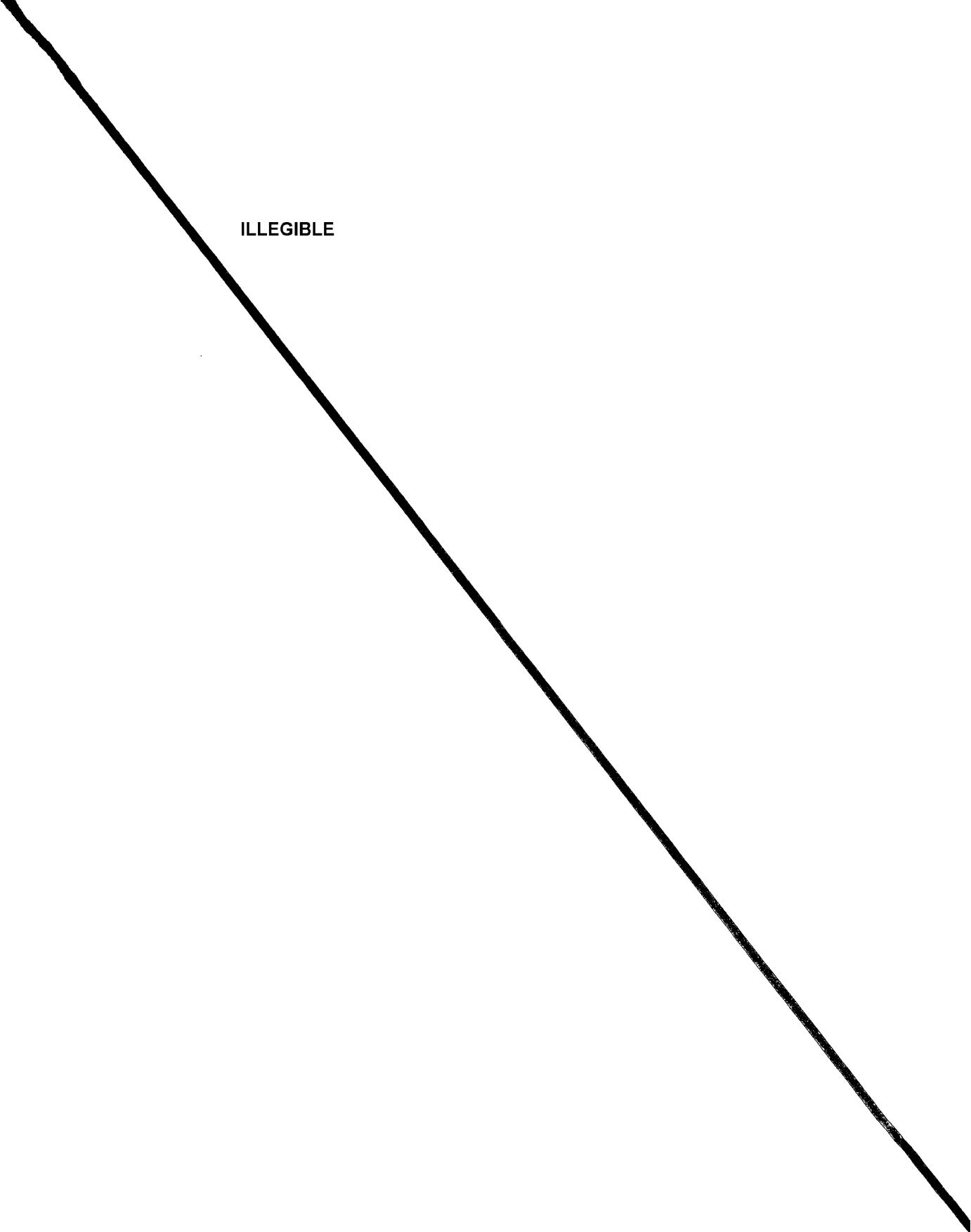
Butter

Improving the consistency of butter, Mol. prom. 13, no. 4, 1952.

MIGLINSKIY, V.

Simple, conveninet, accurate. Grazhd. av. 22 no.5:26 My '65. (MIRA 18:7)

1. Zamestitel' nachal'nika otdela material'no-tekhnicheskogo snabzheniya Dal'nevostochnogo upravleniya, Khabarovsk.

ANDELKOVIC, C.; DZOKIC, D.; PODBREZNIK, F.; ARUNOVIC, M.; CVETKOVIC, M.; SAVIC, S.; ARSENIJEVIC, M.; MIGLEVSKI, V.; GANSEL, L.; KOCEVAR, F.

Review f periodicals; textile industry. Bul sc Youg 9 no.4/5: 152 Ag-O '64.

MIGLEVSKI, V.

Deformation characteristics of synthetic polymers. p. 224.

TEKSTIL. (Drustvo inzenjera i tehnicara tekstilaca Hrvatske) Zagreb, Yugoslavia.
Vol. 8, no. 4, Apr. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. , no. , Aug. 1959.

Uncl.

H-52

COUNTRY   : Yugoslavia
CATEGORY   :
                                                                    76949
ABS. JOUR. : RZhKhim., No. 21 1957, No.

AUTHOR   : Miglavski, V.
INST.   : Not given
TITLE   : Methods for the Identification of Chemical Fibers

ORIG. PUB. : Tekstil. 8, No 1, 12-21 (1959)

ABSTRACT   : Procedures for the identification of chemical
              fibers (F) are described. The procedures de-
              scribed include the combustion test, microscopic
              analysis, determination of mp's, and microchemical
              tests. Photomicrographs of various F are given
              together with tables listing the properties of
              the F and the action of various chemicals and
              solvents on the F.
                                              T. Benkevich

CARD: 1/1

MIGLEVSKI, VLADIMIR

J-4

YUGOSLAVIA/Acoustics - Ultrasonics

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14024

Author   : Miglevski Vladimir
Inst   : Not Given
Title   : Ultrasound and its Application to the Textile Industry

Orig Pub : Tekstil, 1957, 6, No 10, 861-866

Abstract : No abstract

Card   : 1/1

MIGLEVSKI, V.

Fatigue of textile materials in multiple stretching. p. 795
(GLASNIK, Vol.6, No. 9, Sept. 1957.

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

MIGLEVSKI, V. ; FOS, F.

Nomograms and their use in the textile industry. P. 415,
(Tekstil, Vol. 6, No. 5, May 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc, Vol.6, No. 8, Aug 1957. Uncl.

MIGLEVSKI, V.

Determining the kind of colors of textile fabrics. p. 345.
(Tekstil, Vol. 6, No. 4, Apr. 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MIGLEVSKI, V.

Results of testing tensile strength of fibers; diagrams of breaking and stretching.

p. 227 (Tekstilna Industrija) Vol. 5, No. 6/7, June/July, 1957, Belgrade, Yugoslovia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

MIGLEVSKI, V.

Calculation in the commercial weight of textile fabrics.

p. 158 (Tekstilna Industrija) Vol. 5, No. 5, May 1957, Belgrade, Yugoslovia

SO: MONT.LY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, No. 1, JAN. 1958

MIGLEVSKI, VLADIMIR

YUGOSLAVIA/Dyes and Chemical Processing of Textile Materials. H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66310

Author : Miglevski Vladimir

Inst : —

Title : Quantitative Chemical Analysis of the Composition of Textile Materials.

Orig Pub : Tekstilna ind., 1957, 5, No 2, 58-65.

Abstract : Details are set forth of a chemical method of quantitative determination of natural, artificial and inorganic fibers in mixtures based on successive dissolving or disintegration of separate components. Formulae are given for the calculation of the composition of textile materials according th the data of the analysis and a table of necessary correction coefficients. Bibliography with 4 titles. See RZhKhim, 1958, 34780.

Card 1/1 57.

MIGLEVSKI, V.

Properties of synthetic fibers and possibilities of improving these properties.

p. 2 (Tekstilna Industrija) Vol. 5, no. 1, Jan, 1957, Belgrade, Yugoslovia

MIGLEVSKI, V.

"Properties of synthetic fibers and possibilities of improving these properties." (To be contd.)

p. 373 (Tekstilna industrija) Vol. 4, no. 11/12 Nov./Dec. 1956
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

H-34

Miglevski, Vladimir

YUGOSLAVIA/Chemical Technology, Chemical Products and Their
Application, Part 4. - Dyeing and Chemical Treat-
ment of Textile Materials.

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34780.

Author : Vladimir Miglevski.
Inst : Not given.
Title : Chemical and Color Identification Methods of Textile
Fibers.

Orig Pub: Tekstilna ind., 1956, 4, No 9, 313-317.

Abstract: The methods of qualitative analysis and nature identi-
fication of natural and artificial fibers of various
description (wool, silk, cotton, viscose, nylon etc.)
are systematized based on bibliographical data. Tables
of chemical and color reactions of fibers with various
chemical reagents are prepared. Methods of preliminary

Card : 1/2

ACC NR: AN7006042

ment has created a special service for observing and predicting tsunamis. The quality of forecasts is increasing. Its work also guides planners in where and how to build structures safe from tsunami damage./ [JPRS: 38,937]

SUB CODE: 08, 20

Card 2/2

SOURCE CODE: UR/9008/66/000/246/0004/0004

ACC NR: AN7006042   (N)

AUTHOR: Migirenko, Georgiy Sergeyevich (Professor; Doctor of technical sciences)

ORG: Siberian Branch, AN SSSR (Sibirskoye otdeleniye AN SSSR)

TITLE: Is it possible to overcome the threat of tsunamis?

SOURCE: Krasnaya zvezda, no. 246, 21Oct66, p. 4, col. 1-5

TOPIC TAGS: earthquake, hydrodynamics, oceanography

ABSTRACT: Systematic observations of tsunamis are being made by the specialists of the Sakhalin Institute of the Siberian Department of the Academy of Sciences USSR. These wave processes also are being investigated at the Institute of Hydrodynamics of this same department of the Academy. For example, at the Institute of Hydrodynamics Academician M. A. Lavrent'yev has been carrying out an experiment in which an underwater earthquake is simulated in a specially constructed basin. Along the direction of the path of the waves there is an oblong hill whose height is somewhat less than the depth of the basin. It was found that when an underwater range extends in the direction of the path of the waves the range serves as a waveguide to which is attracted the wave energy. This ensures conservation of wave height. The Siberian Depart-

Card 1/2   D 9270833

MIGIRENKO, Georgiy Sergeyevich, prof., doktor tekhn. nauk

[Mechanics] Mekhanika. Novosibirsk, Izd-vo.
Sibirskogo otd-iia AN SSSR, 1964. 9 p. (MIRA 17:12)

MIGIRENKO, G.S. [Myhyrenko, H.S.], prof., doktor tekhn. nauk

Let's surpass, catching up is not enough. Znan. ta pratsia
no.4:4-6 Ap '63.   (MIRA 16:6)

(Siberia—Research)

BUDKER, A.M.; LYAPUNOV, A.A., prof.; LAVRENT'YEV, M.A., akademik; VEKUA, I.N., akademik; MIGIRENKO, G.S., prof.; ZHURAVLEV, Yu.I., kand.fiziko-maten. nauk

Birth of a new method for the training of young scientists. Tekh.mcl. 30 no.11:14-17 '62. (MIRA 16:9)

1. Chlen-korrespondent AN SSSR (for Budker). 2. Predsedatel' Sibirskogo otdeleniya AN SSSR (for Lavrent'yev). 3. Rektor Novosibirskogo universiteta (for Vekua). 4. Sekretar' partiynogo komiteta Sibirskogo otdeleniya AN SSSR (for Migirenko). 5. Chlen TSentral'nogo komiteta Vsesoyuznogo Leninskogo Kommunisticheskogo soyuza molodezhi (for Zhuravlev).

(Science--Study and teaching)
(Siberia--Academy of Sciences of the U.S.S.R.)

IVANOV, B.V.; MIGIRENKO, G.S., prof.; MOLETOTOV, I.A.;
OMBYSH-KUZNETSOV, S.O.; SOSKIN, V.L.; LOKSHINA, O.A., tekhn.
red.; VYALYKH, A.M., tekhn. red.

[Science center at Novosibirsk] Novosibirskii nauchnyy tsentr.
Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 206 p.
(MIRA 16:7)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye.
   (Academgorodok--Academy of Sciences of the U.S.S.R.)

Some problems of the dynamics of failure.

S/763/61/000/000/009/013

perform a shock-absorbing function, that is, the elastic-plastic links impede an
increase in amplitude of the displacements and accelerations of the successive
elements of the systems, a circumstance first noted by M. A. Lavrent'yev. The
scheme set forth here may be used for such problems as the unloading of a system
after having undergone a maximal residual deformation, a plastic motion of masses,
the failure separation of masses, etc. This method can be employed in the analysis
of the motion of system with any desired number of degrees of freedom. There is
1 figure; no references.

Card 3/3

Some problems of the dynamics of failure.   S/763/61/000/000/009/013

regarded as pulse loads. Two cases are examined: (1) If all elements of a structure
undergo identical deformations, the elastic part of the strains can be disregarded.
(2) If one part of a structure undergoes elastic strains only, whereas another is
operating in the plastic range, the elastic portion of the strains cannot be disregarded.
A schematic analysis is given for a group of parallel beams or plates, termed
"packets of beams or plates." It is shown that, with the given simplifications, we
arrive at the problem of the motion of plastic chords or membranes supported by
plastic supports. Formally the equations of motion and pertinent stipulations do
not differ in any way from the corresponding equations and stipulations for elastic
chords and membranes with constant tension. However, once failure occurs, the
equations of motion lose any meaning. A different scheme is considered for the
solution of problems regarding the elastic-plastic motion of structures. In it every
beam or plate comprising the packet is replaced by a system with 1 degree of free-
dom, while as an aggregate they are regarded as connected by elastic-plastic links.
Thus, if a blast occurs close to a packet of beams or plates, the beams nearest to
the charge may suffer a residual strain, whereas the remaining beams may oscillate
elastically. A method is developed for the determination of the amplitude and the
accelerations of these oscillations. A method is developed for the assessment of the
effect of the residual strain in one part of the system on the elastic oscillations of
other parts. An analysis of these expressions shows that the residual deformations

Card 2/3

S/763/61/000/000/009/013

AUTHOR: Migirenko, G. S.

TITLE: Some problems of the dynamics of failure.

SOURCE: Nekotoryye problemy matematiki i mekhaniki. Nobosibirsk, Izd-vo
Sib. otd. AN SSSR, 1961, 173-179.

TEXT: The present study is concerned with problems in which not all design de-
formations are elastic, but some may undergo residual strains without failure. This
comprises a number of protective structures that are designed to absorb blast or
shock loads, and also certain structures which ordinarily are to undergo elastic
operational strains only, but which, in the case of blast loads, must not fail but may
undergo residual strains. This comprises naval, shore, and above-earth structures.
In such calculations, if only fiber yield is assumed, then the dangerous distance from
some given explosive charge will be 80 m, whereas if the formation of plastic hinges
therein is admitted, that distance may be 40 m. All other conditions being equal,
failure will still not occur if the discharge is placed at a distance of 10-15 m. As a
rule structures designed for operation beyond the elastic limit consist of plates re-
inforced by ribs or skins that fail at relatively small deflections. Inasmuch as the
failure time exceeds the duration of the loads considerably, the latter can be

Card 1/3

Mikhail Alekseyevich Lavrent'yev.   S/763/61/000/000/001/013

principles of conformal mapping and, particularly, his theory of quasi-conformal
mapping (1924), which comprises some 20 papers; 2 textbooks, one on variational
calculus (with L. A. Lyusternik) and one on the theory of the functions of a complex
variable; first theoretical approach to the impact of a solid body onto a water
surface (both smooth and wavy), with Keldysh and Sedov (1934-1935); theory of the
oscillating wing, with Keldysh, based on the theory/conformal representation; study,
with Keldysh, "on the motion of a lifting surface submerged underneath the surface
of a heavy liquid;" studies on the jet flows were published in 1938 and were re-
warded with the Stalin prize of first rank (1946); theorems on waves of finite ampli-
tude (1943); significant work on the buckling of elastic rods, with A. Yu. Ishlinskiy
(1949); his theory of cumulative charges (1945-1957) earned him the second Stalin
prize of first rank (1949); a recent note: "The problem of compenetration at cos-
mic speeds" (50-100 km/sec). Currently, L. is concerned with problems of the
practical utilization of blasts, tsunamis, water resources, etc.

Card 4/4

Mikhail Alekseyevich Lavrent'yev.   S/763/61/000/000/001/013

Sciences. He was also elected to the Vice-Presidency, AS UkrSSR, and served in
that capacity from 1945 to 1950. He helped found and develop the Moscow Physico-
Technical Institute. In 1946 he became an Academician, AS USSR, and Director of
the Institute of Precision Mechanics and Computer Engineering. In 1951 he became
Academician-Secretary, Division of Physico-Mathematical Sciences, and member
of the Presidium, AS USSR. In 1957 he was named an active member of the Czecho-
slovakian AS. He received two Stalin prices of the first rank (1946, 1949) and the
Lenin prize (1956), three Lenin medals, 4 medals of the Order of Red Labor, the
medal of second rank of World War II, etc. At the 20th Congress of the Communist
Party he and others moved for the establishment of a new center of scientific re-
search in Siberia and, on 18 May 1957, helped found the Siberian Division, AS USSR,
and became Chairman of the Presidium of that Institution. Since 1957: Vice-
President, AS USSR, and currently Director of the Institute of Hydrodynamics,
Siberian Division, USSR. Primary scientific achievements: Problems of the theory
of probability (1919); convergence of transfinite sequences (1922); theorem on
homeomorphy (1924); formulation of the theorem bearing his name and development
of the example of a differential equation with a nonuniqueness in every point (1925);
various papers written jointly with Keldysh on the approximation of arbitrary con-
tinuous functions by polynomial series (1924/36/37); an investigation of the stability
of solutions of the Dirichlet problem (1937); works on the subject of the variational

Card 3/4

Mikhail Alekseyevich Lavrent'yev.   S/763/61/000/000/001/013

in the International Mathematical Congress in Bologna; there he delivered a paper
on a fundamental lemma of quasi-conformal mapping. Beginning in the fall of 1928,
L. was given a chair and the full professorship in Mathematics at the Chemico-
Technological Institute imeni D. I. Mendeleyev. For the next 6 years he was drawn
to creative work at the TsAGI (Central Aero-Hydrodynamic Institute) imeni N. Ye.
Zhukovskiy, in the capacity of Senior Engineer, at the instance of the Theoretical
Director of that Institute, S. A. Chaplygin. Here, with the participation of his stu-
dents, M. V. Keldysh and L. I. Sedov, he explored problems such as that of the impact
of solid bodies on water, the problem of the submerged hydrofoil, etc. In 1932 he
was conferred the degree of Doctor of Technical Sciences; in 1933 that of Doctor of
Physico-Mathematical Sciences. He became Head of the Department of the Theory
of Functions in the Institute of Mathematics of the MGU (Moscow State University).
His intensely creative work there continued from 1934 to 1958. L. created and
headed the Mathematics Institute imeni V. A. Steklov, AS USSSR. In 1934 he lectured
on the theory of functions and germane subjects before a broad audience in Tbilisi.
In 1939 he became an Academician of the AS UkrSSR, transferred to Kiyev in 1940,
and became director of the Mathematics Institute there. During World War II he
worked at the AS UkrSSR wartime center at Ufa, also as a special consultant for
various military agencies, primarily on artillery problems. In recognition of these
efforts he was elected an active member of the newly founded Academy of Artillery

Card 2/4

S/763/61/000/000/001/013

AUTHOR: Migirenko, G.S.

TITLE: Mikhail Alekseyevich Lavrent'yev.

SOURCE: Nekotoryye problemy matematiki i mekhaniki. Novosibirsk, Izd-vo Sib. otd. AN SSSR, 1961, 5-12.

TEXT: Mikhail Alekseyevich Lavrent'yev (L.), outstanding specialist in mathematics and mechanics, was born on 19 November 1900. Upon graduation from the Kazan' Commercial High School, L. attended first Kazan' University and later the Moscow University, from which he graduated in 1922. Even prior to completing his course at the School of Mechanics and Mathematics of the University in 3-1/2 years, he began teaching at the Moscow Higher Technical School. His academic development was greatly influenced by Profs. N.N. Parfent'yev, D.N. Zeyliger, and Ye.A. Bolotov in Kazan' and N.N. Luzin in Moscow. In 1926 he delivered his dissertation for the degree of Candidate, in which he dealt with problems of the theory of homeomorphy. In 1927 he was sent by the Education Ministry to France for a period of 6 months. Later in 1927, L. was named a Privat Dotsent at the Moscow University, also a member of the Moscow Mathematical Society. At the Moscow University he read the first course on the theory of conformal mapping. In 1928 he participated

Card 1/4

2

Nuclear Energy and the Navy (Cont.)

SOV/6261

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25

Nuclear Energy and the Navy (Cont.)   SOV/6261

power plants to shipping. No personalities are mentioned. There
are 16 references: 10 Russian (including 3 translations from
English-language sources), 1 French, 1 German, 1 English, 1 Ameri-
can, and 2 either English or American.

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MIGIRFNKO, C-

per chapter authors

JUN 25 1963

PHASE I BOOK EXPLOITATION   SOV/6261

Kernonergie und Flotte; Artikelsammlung (Nuclear Energy and the Navy;
    Collection of Articles) [Berlin] Deutscher Militarverlag [1961].
    232 p. Errata slip inserted./. 2000 copies printed.

Translation from the Russian of: Atomnaya energiya i flot.

Translator: Erika Steuk, Lieutenant Commander. Responsibility for
    German edition: Claus Gruszka, Engineer; Ed.: Klaus Krumsieg.

PURPOSE: This collection of articles is intended for officers of the
    army, coast guard, and merchant marine.

COVERAGE: The book, a translation from the Russian, contains 25 ar-
    ticles dealing with the application of nuclear weapons to naval
    combat operations. Chapters 19 and 25 have been supplemented with
    additional data for this edition. The devastating features of nu-
    clear explosions are discussed. Attention is also given to the
    protection of personnel, ships, and coastal facilities against nu-
    clear weapons, and to the present and future applications of nuclear

Card 1/6

MIGIRENKO, G.S.

report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.

168. S. D. Leites (Dnepropetrovsk): On space buckling of columns in the elastic-plastic range.

169. V. S. Lenskii (Moscow): Vibro-creep at room temperature.

170. V. S. Lenskii (Moscow): Plasticity of metals under combined loading.

171. A. I. Lennov (Moscow): Some problems of non-stationary flow of an incompressible visco-elastic (Maxwellian) liquid.

172. A. I. Lennov, M. D. Rushnov (Moscow): Some problems of quasi-steady flow of the incompressible visco-elastic (Maxwellian) liquid.

173. M. Ia. Lennov (Lvov): The generalisation of the torsion theory of thin-walled bars.

174. M. Ia. Lennov, V. V. Panaryin (Lvov): The development of microcracks.

175. Th. N. Lenik (Kharkov): Plastic flow of circular plates under tension and bending of compression and bending.

176. B. O. Lohtiranta (Leningrad): Torsion of an anisotropic curved bar.

177. A. D. Lizarev (Sverdlovsk): Free vibrations and stability of circular prestressed elastic restrained beams.

178. A. Lizarev (Krakov): Displacement of rocks due to excavation of coupled layers.

179. E. V. Litvinov (Kharkov): On the application of matrix transformation to the solution of large sets of linear equations of elasticity theory.

180. O. I. Lobin (Ryazan): The selection ... potential pressure for structures of equal stability combined of plates and stringers.

181. D. A. Lukash (Moscow): Large deflections of shallow shells of non-linear elastic materials.

182. Ia. B. Lvin (Voronezh): Methods for the solution of the problems of axisymmetric states of stress in shells of revolution.

183. B. A. ... : ... of an ...

184. B. I. ... : On the ... study of results ...

185. B. I. Malinin (Novosibirsk): Creep strains and ruptures of high polymers.

186. R. L. Malkina (Sverdlovsk): Vibrations of non circular cylindrical shells.

187. A. K. Malmeister (Riga): Some problems of combined bending of quasi-isotropic bodies.

188. K. A. Maltsev (Leningrad): The influence of structural discontinuity in concrete on its strength.

189. S. O. Mandesa (Baku): Investigation of the state of stress in a square prism with coaxial cylindrical hole under internal pressure.

190. O. P. Manzhelevskaya (Tbilisi): Solving the plane elastic problem for anisotropic bodies by reduction to the problem of linear coupling with displacements.

191. L. I. Mirovich, Iu. A. Serdukov (Dnepropetrovsk): The stability of a cylindrical shell in bending.

192. V. M. Marchenko (Moscow): Stress and strain in naturally twisted bars.

193. V. I. Markochev (Zaruschan): The problem of conformal transformation and plane elasticity for the exterior of an infinite number of holes.

194. Ia. A. Mscherei (Moscow): The design of finite and infinite beams on elastic foundation including time effects and vibrations adopting the hypothesis of Fussenrau and Winkler.

195. A. S. Medakovretskii (Stalino): Vibrations of a curved bar in an elastic medium and on elastic supports.

196. S. R. Mesidze (Erevan): An experimental study of basic creep laws for soils.

197. G. S. Migirenko (Novosibirsk): On statically equivalent loadings.

198. M. Sh. Mikeladze (Tbilisi): Contribution to the theory of plastic shells of uniform strength.

199. N. S. Minasian (Erevan): On the bending of a simply supported parallelogram plate.

200. E. Y. Mikhailov (Moscow): Evaluation of the rheological properties of plastic, visco-plastic materials in homogeneous strain-rate under constant shearing stress.

MIGIRENKO, G.S.

16(1)　　　　PHASE I BOOK EXPLOITATION　　　　SOV/2660

Vsesoyuznyy matematicheskiy s"yezd. 3rd, Moscow, 1956

Trudy. t. 4: Kratkoye soderzhaniye sektsionnykh dokladov. Doklady
inostrannykh uchenykh (Transactions of the 3rd All-Union Mathema-
tical Conference in Moscow. vol.4: Summary of Sectional Reports.
Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959.
247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskiy Institut.

Tech. Ed.: G.N. Shevchenko; Editorial Board: A.A. Abramov, V.G.
Boltyanskiy, A.M. Vasil'yev, B.V. Medvedev, A.D. Myshkis, S.M.
Nikol'skiy (Resp. Ed.), A.G. Postnikov, Yu. V. Prokhorov, K.A.
Rybnikov, P. L. Ul'yanov, V.A. Uspenskiy, N.G. Chetayev, G. Ye.
Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-
Union Mathematical Conference, held in June and July 1956. The
book is divided into two main parts. The first part contains sum-
maries of the papers presented by Soviet scientists at the Con-
ference that were not included in the first two volumes. The
second part contains the text of reports submitted to the editor
by non-Soviet scientists. In those cases when the non-Soviet sci-
entist did not submit a copy of his paper to the editor, the title
of the paper is cited and, if the paper was printed in a previous
volume, reference is made to the appropriate volume. The papers,
both Soviet and non-Soviet, cover various topics in number theory,
algebra, differential and integral equations, function theory,
functional analysis, probability theory, topology, mathematical
problems of mechanics and physics, computational mathematics,
mathematical logic and the foundations of mathematics, and the
history of mathematics.

Marchenko, V.M. (Moscow). The elongation and torsion of
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Stanyukovich, K.P. (Moscow). Certain nonsteady plane gas
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Section on the Mathematical Problems of Physics

Card 21/34

MIGIRENKO G.S.

LYAPUNOV, A.M.; SRETENSKIY, L.N., otvetstvennyy redaktor; KOLMOGOROV, A.M.,
akademik; SMIRNOV, V.I., akademik; SUBBOTIN, M.F.; ISHLINSKIY, A.Yu.;
MIGIRENKO, G.S., kandidat fizicheskikh-matematicheskikh nauk; PETKE-
VICH, V.V., kandidat fizicheskikh-matematicheskikh nauk; CERMOGENOV,
A.V., redaktor; ALEKSEYEVA, T.V., tekhnicheskiy redaktor.

[Collected works] Sobranie sochinenii. Moskva, Izd-vo Akademii nauk
SSSR. Vol. 1. 1954. 446 p.   (MLRA 7:11)

1. Chlen-korrespondent Akademii nauk SSSR (for Sretenskiy and Subbo-
tin) 2. Deystvitel'nyy chlen Akademii nauk SSSR (for Izhlinskiy)
       (Liapunov, Aleksandr Mikhailovich, 1857-1918) (Mathematics)

USSR/Mathematics - Criticism   May 52

"Concerning Richardson's Pseudomathematical
'Speculations,'" A. A. Lyapunov, Dr Phys-Math
Sci, G. S. Migirenko, Cand Mech Sci

"Priroda" No 5, pp 127,128

Scathing criticism of L. R. Richardson's article
"Can the Armament Race End Without War?" appear-
ing in the English journal "Nature," in which
a simple system of 2 simultaneous linear differ-
ential eqs is established to describe the proc-
esses of an armament race. The reviewers are

230T79

amazed that the editors of "Nature" could admit
such an unscientific article in their journal.
Claim that Richardson's ideas oppose Soviet
knowledge of the causes of war, namely, imperia-
listic aggression of capitalistic countries.

230T79

MIGIRENKO, G. S., CAND MECH SCI

FEDOTOVA, A.M.; MIGINA, T.V.

Pathogenesis of hyperfermasia in hepatitis. Pat.fiziol.i eksp.
terap. 9 no.4:72-83 Jl-Ag '65. (MIRA 18:9)

1. Institut pediatrii (direktor M.Ya.Studenikin) AMN SSSR,
Moskva.

MIGINA, T.V. (Moskva)

Role of the spleen in endogenous iron metabolism under
conditions of anemia and experimental hepatitis. Pat.
fiziol. i eksp. terap. 7 no.4:51-55 Jl-Ag '63.
(MIRA 17:9)

1. Iz patofiziologicheskoy laboratorii (zav.- prof. N.V. Puchkov)
Instituta pediatrii AMN SSSR.

MIGINA, T.V. (Moskva)

Importance of the spleen in endogenous iron metabolism in experimental inflammation. Pat.fiziol.i eksp.terap. 6 no.2:64-65 Mr-Ap '62.
(MIRA 15:8)

1. Iz patofiziologicheskoy laboratorii (zav. - prof. N.V.Puchkov) Instituta pediatrii AMN SSSR.
(IRON IN THE BODY)   (SPLEEN)

MIGINA, T.V. (Moskva)

Importance of the spleen in endogenous iron metabolism. Pat. fiziol.
i eksp. terap. 5 no.6:44-47 N-D '61.   (MIRA 15:4)

1. Iz patofiziologicheskoy laboratorii (zav. - prof. N.V.Puchkov)
Instituta pediatrii AMN SSSR.
            (SPLEEN)   (IRON IN THE BODY)

MIGINA, T.V.

Study of the peripheral mechanisms of vascular tonus. Vop. klin. pat.
no.3:11-14 '61. (MIRA 14:12)

1. Iz Nauchno-experimental'nogo otdela (zaveduyushchiy doktor
med.nauk O.I.Voronkova) Moskovskogo oblastnogo nauchno-issledovatel'-
skogo klinicheskogo instituta imeni M.F.Vladimirskogo.
(CARDIOVASCULAR SYSTEM)   (NERVES, PERIPHERAL)

NIGINA T. V., KISELEV V. A.

O roli razlichnykh otdelov tsentral'noi nervoi sistemy v patogeneze
anafilakticheskogo shoka. /Role of different sections of the
central nervous system in the pathogenesis of anaphylactic shock./
Arkh. pat., Moskva 12:4 July-Aug p. 17-21.

1. Of the Experimental Department (Head -- Prof. S. M. Pavlenko)
of Moscow Oblast Scientific-Research Clinical Institute, Moscow.

CIJL 19, 5, Nov 50

MIGINA, N.I.

Method of staining of reticulocytes. Sovet. med. 17 no.4:40 Apr 1953.

(CLML 24:4)

1. Of the Clinical Laboratory, Institute of Labor Hygiene and Occupational Diseases (Director -- Prof. A. A. Letavet, Active Member AMS USSR), Academy of Medical Sciences USSR.

MIGINA, M.

USSR/Medicine - Silicosis
    Medicine - Blood, Chemistry

"Some Changes in the Blood Due to Silicosis," Prof S. M. Genkin, I Gel'fon, M. Migina,
A. Rashevskaya, A. Shilova, Clinic, Inst of Labor Hygiene and Occupational Diseases, Acad
Med Sci USSR, 7 pp

"Klin Med" Vol XXVI, No 10

Estimations of hemoglobin, leukocyte count, and differential count in silicosis without
complications remain within normal limits. They do not undergo alterations corresponding
to progress of the disease. In silico-tuberculosis, the percentage of cases with
leukocytosis shift the differential count to left, lymphopenia and eosinopenia become
more marked with transition from early to late stages. Erythrocyte sedimentation rate
increases in both silico-tuberculosis and silicosis. Albumen content in serum is
normal. Viscosity increases.

PA 31/49T27

YEVDOKIMOVA, A.K.; MIGINA, A.I.; TSYPLER, A.A.

Investigating the direct treatment of zinc sulfate solutions
for zinc oxide. Sbor. nauch. trud. Gintsvetmeta no.23:
293-303 '65.

(MIRA 18:12)

YEVDOKIMOVA, A.K.; MIGINA, A.I.

Removing impurities from zinc sulfate solutions with production of high-quality white vitriol. Tsvet.met. 38 no.3:37-42 Mr '65.
(MIRA 18:6)

YEVDOKIMOVA, A.K., MIGINA, A.I., LEVINA, L.K.

Production of commercial zinc sulfate at the Ryaza: Tin Plant.
Sbor. nauch. trud. GINTSVETMET no.15:549-561 '59. (MIRA 14:4)
(Ryazan-Tin industry)
(Zinc sulfate)

136-9-5/14

Treatment of Zinc- and Tin-oxide containing dusts with sulfuric
acid.

and tin. The zinc-tin compounds were found to break down
under the action of the concentrated acid. Finally,
the authors give an account of their investigation of the
combination of zinc and tin oxides calcined together in
various proportions for four hours at 900 or $1200^\circ C$:
stable compounds of the type $SnO.ZnO$ were formed at $1100^\circ C$,
the rate of the reaction rising with increasing temperature
and Sn:Zn ratio.
There are 3 figures, 5 tables and 2 Russian references.

AVAILABLE: Library of Congress.

1. Zinc   2. Sulfuric acid-Application

Card 2/2

136-9-5/14

AUTHORS: Yevdokimova, A.X., Zigina, A.I. and Tseydler, A.A.

TITLE: Treatment of Zinc- and Tin-oxide containing dusts with sulphuric acid. (Sernokislotnaya pererabotka vozgonov, soderzhashchikh okisi tsinka i olova).

PERIODICAL: Tsvetnyye Metally, 1957, No. 9, pp.25-31 (USSR).

ABSTRACT: The authors describe experiments carried out by the Gintsvetmet organisation on the treatment with sulphuric-acid solutions of dusts containing zinc and tin oxides extracted from fumes produced: 1) during the smelting of secondary copper; 2) during the fuming of slags obtained from 1); and during the fuming of tin-production slags. They tabulate the compositions of the dusts (Tables 1 and 2) and give results of experiments on leaching with sulphuric acid of dusts calcined at 500, 700 or 900°C or not calcined and of comparative experiments with pure oxide mixtures of various compositions. The behaviour of the dust was found to depend on their source. A further series of experiments was carried out only with the dusts obtained during fuming, in which the dusts were treated with concentrated sulphuric acid the sulphatized product being leached with water; sufficient acid was added to sulphatize the zinc and lead or the zinc, lead
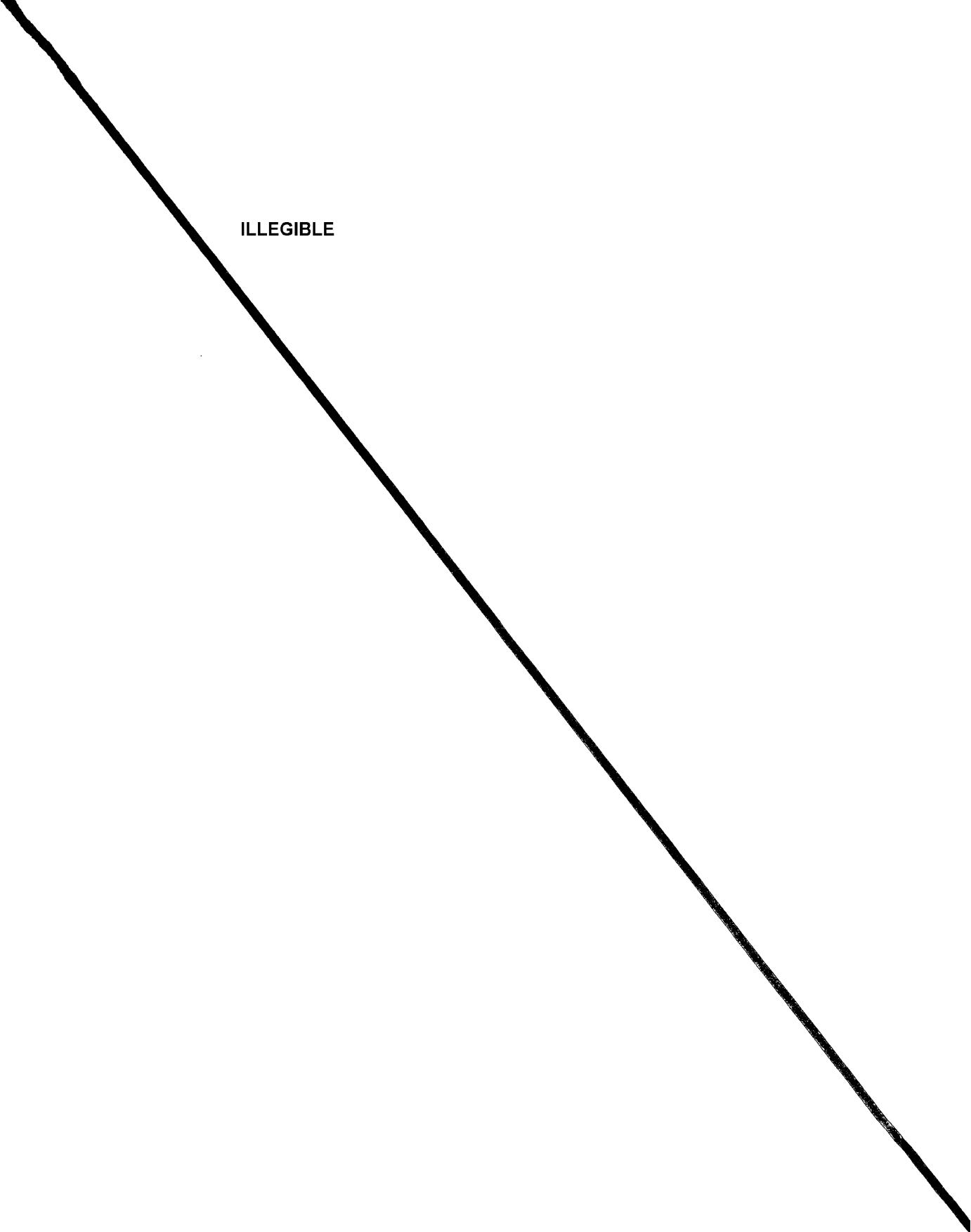
Card 1/2

ILLEGIBLE

MOROZ, L.S.,

Mechanism of the hydrogen embrittlement of steel.   Metallo-
vedenie 3:51-57 '59.   (MIRA 14:3)

(Steel--Hydrogen content)

MIGIN, S. I., and ZHUKOVA, V. M.

"Wetting During Densification of Clayey Grounds," Gidrotekhn. stro-vo, No 6, pp 16-18, 1954

The authors develop the possibility of decreasing the water and permeability of clayey grounds by way of densification of them during increased wetting. They present experimental observations on the water permeability of two clayey grounds (soil containing sand and 25-50% clay) from which antifiltration screens were constructed, laid at the bottom of experimental constructions. The grounds were built up to a 22-cm layer, after wetting and standing they were made dense by sheep's-foot rollers and by smooth rollers for various degrees of wetting. From the compacted layer samples of ground were taken by means of steel cylinders 19 cm diameter and 6-10 cm height and tested for filtration in a device of the Kamenskiy type (for hydraulic gradient from 3 to 11). The study demonstrated that permeability greatly decreases under wet compacting. (RZhGeol, No 4, 1955)

Sum. No. 681, 7 Oct 55

MIGIN, L.V., gornyy inzh.

Hydraulic mining in wide work. Ugol' Ukr. 5 no.5:13-14 My '61.
(MIRA 14:5)

(Hydraulic mining)

MIGIN, L.V., gornyy inzh.

Practices in the operation of the hydraulic mine No.4. Ugol' 34
no.11:25-28 N '59   (MIRA 13:3)

1. Gidroshakhta No.4 tresta Ordzhonikidzeugol'.
        (Kuznetsk Basin--Hydraulic mining)

MIGIER, Teresa

Flora of the Laziska layers of the Jaworzno region. Kwartalnik geol 7 no.1:63-72 '63.

1. Gornoslaska Stacja Terenowa, Instytut Geologiczny, Sosnowiec.