VERZHBINSKAYA, N.A.; SAVINA, M.V.

Main trends in the evolution of tissue energy metabolism in some vertebrates. Zhur. evol. biokh. i fiziol. 1 no.1:26-31 Ja-F '65. (MIRA 18:6)

1. Laboratoriya sravnitel'noy biokhimii myshechnykh belkov Instituta evolyutsionnoy fiziologii i biokhimii im. I.M. Sechenova AN SSSR, Leningrad.

VERZHBINSKIY, G. M.

Deficiency index of the second and third boundary value problems in a region having a piecewise smooth boundary. Vest. LGU 19 no. 7:161-162 '64.
(MIRA 17:7)

VERZHBINSKIY, M.Z.

P(x). The results of the present paper include the following totic nature on the location of the zeros of $\phi^*(x)$ are derived.
fairly straightforward generalizations of the classical results. (a) If $P(x)$ is a polynomial having all its zeros real and

Source: Mathematical Reviews, Vol 10 No. 7

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859610006-5"

VERZHBINSKIY, M.L.

Simplicity defect of a natural number. Zap. LGI 36 no.3:5-12 '58.
(MIRA 16:5)
(Numbers, Theory of)

S/044/62/000/006/066/127
B168/B112

AUTHOR: Verzhbinskiy, M. L.

TITLE: Theory of the stochastic analysis of impregnation parameters

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 15, abstract 6V7 (Zap. Leningr. gorn. in-ta, v. 37, no. 3, 1959 (1961), 39-57)

TEXT: The distribution function of certain geometrical characteristics of expressions contained within the mass of a solid substance is estimated from the experimentally determined distributions of the parameters of flat sections of impregnations observed in a polished section. It is assumed that the impregnations are in the form of ellipsoids and that the disposition of the centers of the ellipsoidal grains and also their orientation in space are subject to the law of equal probability. The central semiaxis of the grain 1 and its relation to the other two semiaxis μ and λ ($\mu \leq 1$, $\lambda > 1$) are assumed to be independent random values. The plane of the polished section is a random plane intersecting a certain set of grains having the form of ellipses with semiaxes σ and ϱ. In the article the problem of estimating the law of distribution P(l) of the mean parameter

Card 1/2

Theory of the stochastic analysis...

of the grain from the known law of distribution $f(\sigma)$ is solved for the case of ellipsoids of revolution. The method of characteristic functions is used for estimating P(1). For certain concrete values of $f(\sigma)$ the solution is reduced to definitive formulas. [Abstracter's note: Complete translation.]

Card 2/2

VERZHBITSKAYA, L., inzh.; KUZNETSOV, V., kand.khimich. nauk

Protection against corrosion of metal structures in navigation locks. Rech. transp. 22 no.3:38-39 Mr '63. (MIRA 16:4)
(Locks (Hydraulic engineering)) (Corrosion and anticorrosives)

S/081/61/000/021/036/094
B101/B147

AUTHORS: Kuznetsov, V. V., Verzhbitskaya, L. V.

TITLE: The role of microorganisms in the process of iron corrosion in water

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 256, abstract 21I126 (Mikrobiologiya, v. 30, no. 3, 1961, 511 - 514)

TEXT: It has been found that the intense pitting of metal structures at the Kamskaya gidroelektrostantsiya (Kama Hydroelectric Power Station) is due to electrochemical processes. It is noted that the iron bacteria in water activate the electrochemical processes. [Abstracter's note: Complete translation.]

Card 1/1

KUZNETSOV, V.V.; VERZHBITSKAYA, L.V.

Study of the conditions leading to the formation and development of pitting corrosion in the plant units and metallic structures of the Kama Power Station. Zhur. prikl. khim. 34 no.1:187-193 Ja '61. (MIRA 14:1)

1. Laboratoriya elektrokhimii Yestestvenno-nauchnogo instituta pri Permskom gosudarstvennom universitete imeni A.M. Gor'kogo.
(Kama Hydroelectric Power Station—Iron—Corrosion)

ACC NR: AR6034810 (N) SOURCE CODE: UR/0398/66/000/008/V003/V008

AUTHOR: Verzhbitskaya, L. V.; Kuznetsov, V. V.; Posyagin, G. S.

TITLE: Cathodic protection for steel in river water

SOURCE: Ref. zh. Vodnyy transport, Abs. 8V45

REF SOURCE: Tr. Yestestvenno-nauchn. in-ta pri Permsk. un-te, v. 11, no. 3, 1965, 85-88

TOPIC TAGS: protective coating, cathodic protection, corrosion protection, steel corrosion

ABSTRACT: Coatings made of Kuzbass varnish, EKA-15 paint, foamed plastics, EP-15 epoxy enamel, epoxy compound, and cement have been tested for use in cathodic protective coatings of steel 3 against corrosion in water from the Kama River. It is established that EKP-15 paint, Kuzbass varnish, foamed plastic, and EP-15 enamel all disintegrate under the effect of superimposed current, while the epoxy compound and cement coating of Portland cement were found to be good insulating materials, and, can be used for cathodic coatings with external current in Kama River water. [Translation of abstract]

SUB CODE: 11, 13/

Card 1/1 UDC: 620.197.5

ACC NR: AR7005027 (N) SOURCE CODE: UR/0398/66/000/007/B001/B002

AUTHOR: Verzhbitskaya, L. V.; Kuznetsov, V. V.; Posyagin, G. S.

TITLE: Cathodic protection of steel in river water

SOURCE: Ref. zh. Vodnyy transport, Abs. 7B4

REF SOURCE: Tr. Yestestvennonauchn. in-ta pri Permsk. un-te, v. 11, no. 3, 1965, 79-84

TOPIC TAGS: water, inland, steel, magnesium, waterway, cathode polarization /Steel 3, ML-5 alloy

ABSTRACT: The magnitudes of protective currents and the protective potentials of St-3 steel in Kama River water during cathodic polarization with external current are determined. A model study was made of the changes in the potential during polarization of wares with simple and intricate shape. It has been determined that it is possible to use cathodic protection with an external current together with magnesium protectors of ML-5 alloys. Formation of salt deposits on the surface

Card 1/2 UDC: 620.193.2

ACC NR: AR7005027

of the steel has been observed. The role of the salt film in the protection of steel from corrosion by external current is determined. Orig. art. has: 3 figures, and 1 table. The bibliography has 4 references. [Translation of abstract] [GC]

SUB CODE: 11, 08/

Card 2/2

KORNILOVICH, Yuriy Yevgen'yevich; VERZHBITSKAYA, Mariya Georgiyevna; PASHKOV, Igor' Aleksandrovich; TUROVSKIY, B., redaktor; ZELEN-KOVA, Ye., tekhnicheskiy redaktor.

[Making cement from local raw materials; properties, manufacture and use of cements made from tripoli earth of the Ukrainian S.S.R.] Proizvodstvo tsementov iz mestnogo syr'ia; svoistva, proizvodstvo, primenenie tsementov iz trepelovidnykh porod Ukrainskoi SSR. Kiev, Izd-vo Akademii arkhitektury Ukrainskoi SSR, 1954. 84 p.(MLRA 8:2)
(Ukraine--Cement)

KORNILOVICH, Yu.Ye.; VERZHBITSKAYA, M.G.; LATASH, M.Ya.; NICHIPORENKO, S.P., kand.tekhn.nauk, otv.red.; DANILKINA, N., red.; NEMCHENKO, tekhn.red.

[Temporary instructions for making large wall blocks using lightweight concrete, silicates, and gypsum concrete] Vremennye ukazaniia po proizvodstvu krupnykh stenovykh blokov iz legkogo betona, silikatnoi massy i gipsobetona. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1957. 56 p. (MIRA 12:1)

1. Akademiia budivnytstva i arkhitektury URSR. Instytut budivel'nykh materialiv i vyrobiv.
(Lightweight concrete) (Building blocks)

Verzhbitskaya, M.G.

KORNILOVA, Yu.Ye., kand. tekhn. nauk; VERZHBITSKAYA, M.G., inzh.

Studying peculiarities of the use of fine sands in mortars and concretes. Nov. v stroi. tekh., no.5:100-111 '54. (MIRA 10:11)

1. Nauchno-issledovatel'skiy institut stroitel'nykh materialov Akademii arkhitektury USSR.
(Concrete--Testing)

VERZHBITSKAYA, M.G.

KORNILOVICH Yu.Ye., kand. tekhn. nauk; VERZHBITSKAYA, M.G., insh.

Cements made of tripoli-type rocks found in the southern U.S.S.R.
Nov. v stroi. tekh., no.5:133-141 '54. (MIRA 10:11)

1. Nauchno-issledovatel'skiy institut stroitel'nykh materialov Akademii arkhitektury USSR.
(Ukraine--Tripoli (Mineral)) (Cement--Testing)

KORNILOVICH, Yu.Ye.; VERZHBITSKAYA, M.G.; LYUBOVSKIY, A., redaktor; ZELENKOVA, Ye., tekhnicheskiy redaktor

["Keramzit" concrete, a progressive building material] Keramzitobeton - progressivnyi stroitel'nyi material. Kiev, Gos. izd-vo lit-ry po stroit. i arkhitekture USSR, 1955. 65 p. (MLRA 9:9)
(Concrete)

VERZHBITSKAYA, M.G.

KORNILOVICH, Yu.Ye., kand.tekhn.nauk; VERZHBITSKAYA, M.G., inzh.

Investigating expanded slag. Mov. v stroi. tekh. no.12:7-10 '57.
(MIRA 11:1)

(Lightweight concrete--Testing)

VERZHBITSKAYA, N.I., kand.med.nauk

Reactivity of the gastric mucosa following exposure to ionizing radiation. Trudy KGMI no.10:129-131 '63.

Reactivity of the intercellular argyrophilic substance of the stomach muscles in radiation sickness. Ibid.:132-135

(MIRA 18:1)

1. Iz kafedry gistologii (zav. kafedroy - prof. A.P.Gladkiy) Kalininskogo gosudarstvennogo meditsinskogo instituta.

VERZHBITSKAYA, V.A.; MALCHENKO, A.L.

Heating of grain. Spirt.prom. 26 no.7:6-8 '60. (MIRA 13:10)
(Grain)

KLYZCHKO, I.R., prof.; BELOZERSKIY, I.V., dotsent; VINOGRADOVA, A.D., kand.-khim.nauk; KOVAL'SKAYA, M.Ye.; Prinimali uchastiye: MOISEYENKO, T.N.; VERZHBITSKAYA, M.Ye.

Using a semimicromethod to study zinc, nickel, iron, and copper impurities in type metal. Nauch. trudy MPI no.7/8:207-225 '58. (MIRA 14:12)

(Type and type founding) (Chemistry, Analytic--Qualitative)

VERZHBITSKAYA, N.I.

Physiological gradient in embryos of the brown frog. Nauch. trudy Kal. otd. MOIP no.2:201-208 '60. (MIRA 14:10)
(EMBRYOLOGY, EXPERIMENTAL)

Cand.

VERZHBITSKAYA, N. I.: Master Biol Sci (diss) -- "Controversial problems in the theory of physiological gradients". Leningrad, 1958. 15 pp (Leningrad Order of Lenin State U im A. A. Zhdanov), 150 copies (KL, No 5, 1959, 146)

VERZHBITSKAYA, V.V. (selo Lenino, Minskoy oblasti)

A chemistry evening in a rural school. Khim.v shkole 12 no.5:70-72 S-O '57. (MIRA 10:10)
(Rural schools) (Chemistry--Study and teaching)

44858
S/081/62/000/024/013/073
B117/B186

AUTHORS: Verzhbitskiy, F. R., Ust'-Kachkintsev, V. F.

TITLE: Use of high-frequency methods in physicochemical analysis

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 91, abstract 24B640 (Uch. zap. Permsk. un-t, v. 19, no. 1, 1961, 55-58)

TEXT: The high-frequency conductivity was measured in the solid-state systems $AgNO_3$ - $NaNO_3$, $AgNO_3$ - NH_4NO_3 and $NaNO_3$ - KNO_3 at 20°C. The transition from one phase into another as demonstrated in the high-frequency conductivity diagrams of the systems studied is accompanied by a discontinuity. The increase in conductivity in the region of eutectic compositions is attributed to the structure of the alloy and its degree of dispersion. [Abstracter's note: Complete translation.]

Card 1/1

VERZHBITSKIY, L.G.

Organization and technical methods and equipment for making drilling tools at the Mirgalimsay Mine. Gor.zhur. no.4:55-57 Ap '62. (MIRA 15:4)

1. Zamestitel' glavnogo mekhanika Mirgalimsayskogo rudnika.
(Mirgalimsay region--Metalwork) (Boring machinery)

TRUNILOV, A.F.; VERZHBITSKIY, L.G.

Automatic control of bunker loading of ore in the Mirgalimsay Mine. Gor.zhur. no.4:50-51 Ap '62. (MIRA 15:4)

1. Glavnyy mekhanik rudnika "Mirgalimsay" (for Trunilov).
2. Zamestitel' glavnogo mekhanika rudnika "Mirgalimsay" (for Verzhbitskiy).
(Mirgalimsay region--Ore handling--Equipment and supplies)
(Automatic control)

L 23483-65 EWT(1)/EWA(h) Peb GW

ACCESSION NR: AP4049779 S/0212/64/000/001/0043/0051

AUTHOR: Vershbitskiy, L. P.

TITLE: The technique and accuracy of determining the speed of longitudinal waves in rocks by the ultrasonic method

SOURCE: Moscow. Universitet. Vestnik. Seriya 4. Geologiya, no. 1, 1964, 43-51

TOPIC TAGS: ultrasonic investigation, wave propagation, petrographic structure

ABSTRACT: [illegible] a full description of [illegible] properties. [illegible]

L 23483-65

ACCESSION NR: AP4049779

by the ultrasonic method. The accuracy of determining the average wave speed in any geological rock mass by the ultrasonic method can be checked by the usual method, i.e. by the mean square error of the arithmetic mean, as the

NO REF SOV: 004 OTHER: 001

Card 2/2

VERZHBITSKIY, N. F.

Antifrictional properties of nodulized iron. I. O. Tsypin, P. I. Durasov, and N. F. Verzhbitskii. *Vestnik Mashinostroeniya* 35, No. 9, 58-61(1955).—A series of nodulized irons with C 2.60–3.31, Si 2.26–2.58, Mn 0.53–0.75, S 0.009, P 0.10–0.21, and Mg 0.058–0.093% contg. 5–45% ferrite was compared from the frictional standpoint with graphitic iron, malleable iron, 4.4% Sn-4.2 Zn-[illegible] Pb bronze, and with 3.6 Fe-9.0 Al bronze. Sliding friction against a steel roll was employed at a speed of 0.42 m./sec. for dry and 1.1–3.5 m./sec. for oil lubricated tests at 14–60 kg./sq. cm. loads, the grading being done by weighing. In dry friction, nodulized Fe with less than 15% ferrite had the highest resistance of all which decreased with increasing ferrite. The highest coeff. of dry friction was that of graphitic iron and the lowest that of pearlitic nodulized iron from the iron group, while that of bronze was about half as large. A max. bearing capacity was shown by bronzes and by graphitic iron.

I. D. Gat

(2)

VERZHBITSKIY, N.F.

Machine for the wear testing of joints in swinging motion. Zav. lab. 27 no. 4:464-465 '61. (MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya.
(Testing machines)

VERZHBITSKAYA, N.I.

Controversial problems of the theory of "physiological gradients." Report No.1 [with summary in English]. Vest. LGU 13 no.3:96-107 '58. (MIRA 11:4)

(PHYSIOLOGY)

VERZHBITSKAYA, N.I.

Controversial problems in the theory of "physiological gradients." Report No.2 [with summary in English]. Vest.LGU 13 no.21:79-89 '58. (MIRA 11:12)

(EMBRYOLOGY)

IVANOVA, K. P.; VERZHBITSKAYA, N. I.

Embryology

Material for a critical analysis of Child's "Theory of physiological gradients." Vest. Len. un. 7, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

VERZHBITSKAYA, V.A.; MALCHENKO, A.L.

Effect of the pectin substances of sugar beets on the viscosity of the prepared mash. Ferm. i spirt. prom. 31 no.6:7-10 '65. (MIRA 18:9)

1. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti.

VERZHBITSKAYA, YE. S.

Moscow-Forestry Societies

Community to the aid of forest cultivation. Les i step' 4 no. 6 (1952)

9. Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

N L 13180-66 EWT(m)/EWP(j)/T/EWP(t)/EWP(b) JD/WW/WB/KM

ACC NR: AP6001852 SOURCE CODE: UR/0310/65/000/009/0042/0042

AUTHOR: Kuznetsov, V. (Candidate of chemical sciences); Verzhbitskiy, B. (Engineer)

ORG: None

TITLE: Testing of nonmetallic coatings for corrosion protection

SOURCE: Rechnoy transport, no. 9, 1965, 42

TOPIC TAGS: corrosion protection, corrosion inhibitor, protective coating, synthetic material

ABSTRACT: At the Perm water gate the authors tested four 500 x 300 x 3 nonmetallic coatings deposited on steel surfaces on the pressure side of the gates. The coating composition was: 1) ethynol dye EKZhS-40; 2) protective base + ethynol dye EKZhS-40; 3) epoxy resin ED-6, 100; dibutylphthalate, 15; portland cement-400, 100; aluminum powder, 10; and polyethylene-polyamine, 10 weight %; and 4) epoxy resin ED-6, 48.65%; Kuzbass lacquer, 13.51%; dibutylphthalate, 1.08%; iron minium, 21.62%; talcum, 5.41%; dichlorethane, 9.73%; and thylene-polyamine 9% of the resin weight. All coatings performed satisfactorily over periods exceeding two years; the authors believe, however, that the compositions 3 and 4 are slightly superior. The article also contains detailed procedures concerning the actual preparation of surfaces and the coating and drying processes.

SUB CODE: 11 / SUBM DATE: none

Card 1/1 HW UDC: 620.197.1.002

L 28002-66
ACC NR: AR6011869 SOURCE CODE: UR/0081/65/000/016/B073/B073

41
B

AUTHOR: Verzhbitskiy, F. R.; Ust'-Kachkintsev, V. F.

TITLE: Investigation of polymorphism by the high-frequency method

SOURCE: Ref. zh. Khimiya, Abs. 16B505
REF SOURCE: Uch. zap. Permsk. un-t, no. 111, 1964, 24-28
TOPIC TAGS: electric conductance, polymorphism, HF, electric capacitance, temperature measurement
ABSTRACT: The possibility has been investigated of using of the high-frequency method for recording of polymorphic transformations using a device, which permits automatic recording of four curves, namely temperatures, temperature differences, electric conductance, and electric capacitance. It was shown on NH_4NO_3 and KNO_3 samples that polymorphic transformation clearly reveal themselves on the conductance and capacitance curves. The capacitance and conductance of the KNO_3-$K_2Cr_2O_7$ system in the solid state at various temperatures were measured. The capacitance and conductance isotherms were found to have extreme points, the position of which corresponds to the composition of a eutectic mixture. [Author's summary.] [NT]

SUB CODE: 07/ SUBM DATE: none/

2

Card 1/1

VERZHBITSKIY, K., inzh.

Device for pasting rolled roofing materials. Stroitel' no.9:18 S '59.
(Roofing) (MIRA 13:3)

VERZHBITSKIY, L.P.

Method and accuracy in determining the velocity of longitudinal waves in rocks using ultrasonics. Vest. Mosk. un. Ser. 4: Geol. 19 no.1:43-51 Ja-F '64. (MIRA 18:2)

1. Kafedra geofiziki Moskovskogo universiteta.

VERZHBITSKIY, L.P.; LEMETS, V.I.

Determining the thickness of loose sediments by vertical electric sounding in parts of the central Kola Peninsula. Izv.Kar.i Kol'. fil.AN SSSR no.4:47-49 '59. (MIRA 13:5)

1. Geologicheskiy institut Kol'skogo filiala AN SSSR.
(Kola Peninsula--Logging (Geology))

VERZHBITSKIY, N.D.; YANKOVSKIY, I.P.; SKURATOVICH, P.P.; KRUL', A.V.; TERESHCHENKO, V., red.; DOMOVSKAYA, G., tekhn. red.

[Efficiency suggestions from construction workers of White Russia]Ratsionalizatorskie predlozheniia stroitelei Belorussii. Minsk, Gos.izd-vo BSSR, 1961. 151 p. (MIRA 15:10)

1. White Russia. Ministerstvo stroitel'stva. 2. Zamestitel' ministra stroitel'stva Belorusskoy SSR (for Krul').
(White Russia--Building--Technological innovations)

VERZHBITSKIY, N.D.; YANKOVSKIY, I.P.; ZAYKOVSKIY, I.M.; BATURIN, S.S., red.; KASHTANOV, F., red.; KALECHITS, G., tekhn.red.

[Suggestions for greater efficiency made by White Russian builders] Ratsionalizatorskie predlozheniia stroitelei Belorussii. Minsk, Gos.izd-vo BSSR, 1959. 142 p. (MIRA 13:4)

1. White Russia. Ministerstvo stroitel'stva. 2. Zamestitel' ministra stroitel'stva BSSR (for Baturin).
(Building--Technological innovations)

VERZHBITSKIY, N.F., kand.tekhn.nauk

Investigating oil filtration in lubrication systems used for rolling mills. [Trudy] TSNIITMASH no.90:5-47 '58. (MIRA 11:10)
(Lubrication and lubricants) (Rolling mills)

VERZHBITSKIY, N.F.

25(2) PHASE I BOOK EXPLOITATION SOV/1403

Al'shits, Isaak Yakovlevich, Nikolay Fedorovich Verzhbitskiy, and Eduard Feliksovich Zommer

Opory skol'zheniya (Plain Bearings) Kiyev, Mashgiz, 1958. 195 p. (Series: Biblioteka konstruktora) 10,000 copies printed.

Sponsoring Agency: Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskaya oblastnaya organizatsiya.

Reviewer: Radchik, V.S., Candidate of Technical Sciences; Chief Ed. (Southern Division, Mashgiz): Serdyuk, V.K.; Eds.: Kukibnyy, A.A., Candidate of Technical Sciences, and Leuta, V.I., Engineer.

PURPOSE: This book is intended for designers in the machine-building field.

COVERAGE: The book presents information on types of friction occurring in plain bearings and describes materials (metallic and nonmetallic) used in the design of bearings. Typical bearing mountings, the principal parts of bearings, and lubricating methods are discussed. Examples are given of the use and methods of design of fluid-friction

Card 1/5

plain bearings. The book was written on the basis of the experience and scientific research work done by TsNIITMASh (Central Scientific Research Institute of Technology and Machinery) and Soviet and foreign data on this subject published in the recent years. Chapters I,II,III,V,VI and VII and the paragraphs "nonmetals" p. 98, Ch. IV and "Thrust bearing design" p. 184, Ch. VIII were written by I.Ya. Al'shits, Candidate of Technical Sciences, Ch. IV. by N.F. Verzhbitskiy, Candidate of Technical Sciences, and Ch. VIII by E.F. Zommer, Candidate of Technical Sciences. No personalities are mentioned. There are 37 references, all Soviet.

TABLE OF CONTENTS:

AVAILABLE: Library of Congress

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5-5-59

S/820/62/000/000/002/002
D040/D112

AUTHORS: Verzhbitskiy, N. F. and Al'shits, I. Ya.

TITLE: The use of thin plastic coatings

SOURCE: Primeneniye polimernykh materialov v mashinostroyenii. Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F. E. Dzerzhinskogo. Moscow, Mashgiz, 1962, 119-132

TEXT: General information is given on the U.S., British, German and Soviet plastic coating techniques, and more detailed information on methods and equipment of the Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskogo mashinostroyeniya (VNIIMETMASh) (All-Union Scientific Research Institute for the Planning and Design of Metallurgical Machinery). The institute mainly uses the whirl sintering method, has developed equipment for this purpose and conducts experiments in coating metal parts with thermoplastics such as polyvinyl butyral, caprone, polyethylene and some resins. The coating unit is described and illustrated by schematic drawings. A one-stand duo rolling mill has been used in experiments in coating band metal with polyvinyl chloride upon a film of glue.

Card 1/2

S/820/62/000/000/002/002
D040/D112

The use of thin plastic coatings

The article includes recommendations concerning all stages of the coating process, i.e. surface preparation by cleaning and sand or shot blasting, heating with the use of auxiliary metal pieces and heat insulation in the case of thin-walled metal parts, the preparation and storage of plastic powders, technological means for obtaining smooth coatings. Reference is made to a method of producing powdered plastic by dispersion in formic or acetic acid, developed by the VNIIAv-togen. VNIIMETMASh is developing a coating method, consisting in blowing pow-dered plastic on to the heated metal by means of air jet, which will permit coating in places inaccessible by other methods, such as the inner surfaces of narrow pipes. Examples of the institute's work include bearings coated with a polyamide with 5% molybdenum disulfide and designed for movie equipment, caprone coated bearings now under test in a boring machine at the TsNIITMASh, and caprone coated bearings for tractors. There are 4 figures and 1 table.

Card 2/2

YELIZAROV, V.D. VERZHBITSKIY, N.N.

YELIZAROV, V.D., otvetstvennyy redaktor; VERZHBITSKIY, N.N., redaktor; LAZARENKO, B.I., redaktor; FRUMIN, G.I., redaktor; ZELENKOVA, Ye. tekhnicheskiy redaktor

[Problems in mass construction of apartment houses] Voprosy massovogo zhilishchnogo stroitel'stva. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1956. 340 p. (MLRA 10:5)

1. Akademiya arkhitektury URSR, Kiyev. Instytut arkhitektury sporud.
(Apartment houses)

VERZHBITSKIY, N. [Verzhbyts'kyi, N.], arkhitektor

Designing large-element buildings for the Ukrainian S.S.R. Proek. i bud. 1 no.1:3-7 O '59. (MIRA 13:12)
(Ukraine--Apartment houses)

VERZHBITSKIY, V.G., polkovnik, red.

[In battle and at work] V boiu i trude. Moskva, 1962. 49 p.
(MIRA 16:5)

1. Moscow. TSentral'nyy muzey Sovetskoy Armii.
(Soldiers)

VERZHBLOVSKIY, M.V., kand.med.nauk

History of water hygiene in Russia. Gig. i san 23 no.8:36-39 Ag '58 (MIRA 11:9)

(WATER SUPPLY,
hist. of hyg. in Russia (Rus))

VERZHBLOVSKIY, M.V.

VERZHBLOVSKIY, M.V.; kand.med.nauk (Leningrad)

Activity of Russian physicians in Iran and Afghanistan in the past.
Vrach.delo supplement '57:44-45 (MIRA 11:3)
(NEAR EAST--PHYSICIANS, RUSSIAN)

VERZHBOVSKIY, B

27-10-20/21

AUTHOR: Verzhbovskiy, B., Secretary of School's Party Organization

TITLE: On Practical Work (Na praktike)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, # 10, inner side of rear cover (USSR)

ABSTRACT: A short description of practical training of pupil-apprentices of the Construction School # 5, Rostov-Don (Stroitel'naya Shkola # 5, Rostov-na-Donu) at the Grain Sovkhoz imeni Lomonosov, Kokchetav Oblast'.

AVAILABLE: Library of Congress

Card 1/1

VERZHBLOVSKIY, M.V. (Donetsk)

Medical institutes's aid to the public health organs. Sov. zdrav. 21 no.1:16-19 '62. (MIRA 15:2)

(DONETSK--PUBLIC HEALTH)

VERZHBLOVSKIY, M.V.; KHAYIN, A.B. (Donetsk)

History of Donetsk A.M. Gor'kii Medical Institute. Sov. zdrav. 21 no.4: 18-23 '62. (MIRA 15:5)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny (zav. - M.V.Verzhblovskiy) Donetskogo meditsinskogo instituta (rektor A.M. Ganichkin).

(DONETSK--MEDICAL COLLEGES)

SOV/112-58-2-2283

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 2, p 79 (USSR)

AUTHOR: Verzhbolovich, A. V., Gutnik, V. I., and Varvashenya, V. I.

TITLE: The Starting and Operation of a 3-Phase Motor With a Single-Phase Supply (Pusk i rabota trekhfaznogo dvigatelya na odnofaznom toke)

PERIODICAL: Sb. stud. nauchn. rabot. Belorussk. politekhn. in-t, 1956, Nr 3, pp 110-111

ABSTRACT: Bibliographic entry.

Card 1/1

VERZHBOVSKIY, V.

Physical education group. Prof.-tekh.obr. 13 no.5:24-26 My '56.
(MLRA 9:8)

1. Prepodavatel' fizicheskogo vospitaniya shkoly fabrichno-zavodskoy fabriki No. 11, Rostovskaya oblasti'.
(Physical education and training)

MINENKO, V.A.; FEYCHEV, G.P.; KURILOV, P.G.; VERZHIKOVSKAYA, L.G.; VASIL'YEVA, S.M.; POSHKREBNEV, V.A.

Potentialities for increasing the output of open-hearth furnace plants now in operation. Stal' 23 [i.e. 24] no.4: 309-313 Ap '64. (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii proizvodstva i truda chernoy metallurgii.

FROL'KIS, V.V.; SVECHNIKOVA, N.V.; VERZHIKOVSKAYA, N.V.; VERKHRATSKIY, N.S.

Characteristics of the course of the general adaptation syndrome in old and young animals under the influence of neural and humoral stimulators. Fiziol.zhur. [Ukr] 9 no.3:330-337 My-Je '63. (MIRA 18:1)

1. Laboratory of Physiology and Endocrinology of the Institute for Gerontology and Experimental Pathology of the Academy of Medical Sciences of the U.S.S.R., Kiyev.

ACC NR: AP6025647 (A) SOURCE CODE: UR/0413/66/000/013/0098/0099

INVENTOR: Verzhikovskiy, G. V.; Aleksandrov, N. V.

ORG: None

TITLE: A specimen for shear tests of thin refractory coatings. Class 42, No. 183458

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 98-99

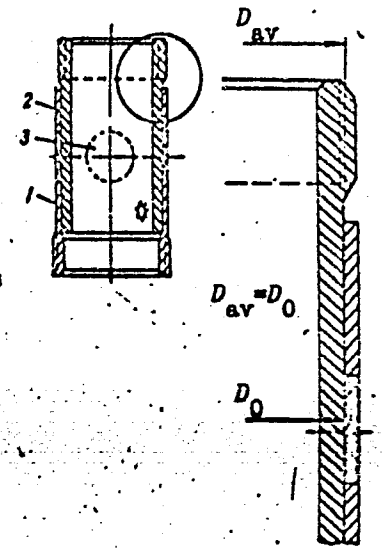
TOPIC TAGS: refractory coating, shear strength, tensile test

ABSTRACT: This Author's Certificate introduces a specimen for shear tests of thin refractory coatings. The unit consists of inner and outer sections which have the coating to be tested located between them. Testing accuracy is increased by making the inner and outer sections of the specimen in the form of thin-walled sleeves with their ends threaded to fit into a tensile testing machine. The outer diameter of the thread is equal to the outside diameter of the inner sleeve. The outer sleeve has holes uniformly spaced about the circumfrence for application of the coating to be tested.

Card 1/2

UDC: 620.198:620.176

ACC NR: AP6025647



1--outer sleeve; 2--inner sleeve; 3--holes

SUB CODE: 11, 13/ SUBM DATE: 21Oct64

Card 2/2

VERZHINSKAYA, A.B.

Effect of lateral heat losses on the temperature field in semi-infinite rods with a plane source of constant strength. Inzh.-fiz. zhur. 6 no.7:70-75 Jl '63. (MIRA 16:9)

1. Institut teplo- i massoobmena, Minsk.
(Heat transmission) (Temperature fields)

VERZHINSKAYA, A. B.

The constant power source method. Teplo- i massoper. 1:57-60 '62. (MIRA 16:1)

1. Energeticheskiy institut AN Belorusskoy SSR, g. Minsk.

(Materials—Thermal properties)
(Temperature—Measurement)

VERZHITSKIY, A.M., inzh.; LEMBERG, A.Ye., inzh.; TROITSKIY, Kh.L., kand. tekhn.nauk, nauchnyy red.; KARDO-SYSOYEV, F.N., red. izd-va; SHOL'YAKOVA, M.V., tekhn. red.

[Earthworking machinery] Zemleroinye mashiny; spravochnoe posobie. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1954. 130 p. (MIRA 16:6)
(Earthmoving machinery) (Boring machinery)

VERZHITSKIY, A.M.

MALINA, F.N., inzhener

"Earthmoving machinery". A.M. Verzhitskiy, A.L. Lamberg. Reviewed by F.N. Malina. Mekh.trud.rab. 9 no.4:47 Ap '55. (MLRA 8:7)
(Earthmoving machinery) (Verzhitskii, A.M.) (Lamberg, A.L.)

ZIMIN, P.A., inzhener; VERZHBITSKIY, K.I., inzhener; KARPUKHIN, S.S., inzhener.

Equipment for making and mounting brick blocks. Biul.stroi.tekh. 13 no.5:13-16 My '56. (MLRA 9:8)

1. Nauchno-issledovatel'skiy institut po stroitel'stvu.
(Bricks) (Biulding blocks)

Verzhbitskiy, N.F.

TSYPIN, I.O., kandidat tekhnicheskikh nauk; DURASOV, P.I., kandidat tekhnicheskikh nauk; VERZHBITSKIY, N.F., kandidat tekhnicheskikh nauk.

Antifriction properties of globular graphite cast iron. Vest.mash. 35 no.9:56-61 S '55. (MLRA 9:1)
(Cast iron) (Bearings (Machinery))

VERZHBITSKIY, N. F.

15242* Antifriction Properties of Spheroidal Cast Iron. Antifrikteionnye svoistva chuguna s sharovidnym grafitom. (Russian.) I. G. Tsyplin, P. I. Durasov, and N. F. Verzhbitskii. *Vestnik mashinostroeniia*, v. 35, no. 9, Sept. 1955, p. 58-61.

Micro-structures and chemical compositions of spheroidal perlitic, perlito-ferritic, and other cast irons. Wear in roller bearings and bushings of cast iron, and running-in tests. Micrographs, diagrams, tables. 8 ref.

(2)

VERZHBITSKIY, N.K.

[Young entomologists; experience in summer work with students] IUnye entomologi; iz opyta letnikh zaniatii so shkol'nikami. Moskva. Izd. Akademii pedagog. nauk RSFSR, 1955. 81 p. (MIRA 9:5)
(Entomology—Study and teaching)

VERZHBITSKIY, N.K.

Observations of scale insects. Est. v shkole no.3:78-79 My-Je '54.
(Oyster-shell scale) (MLRA 7:7)

VERZHBLOVSKAYA, A. G.

Barg, Ts. M. and Verzhblovskaya, A. G. "Some data on the experimental stydy of biogenic stimulators," Oftalmol. zhurnal, 1949, No. 1, p. 37-39.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

KOVALEV, N.I.; VERZHBLOVSKIY, M.V. (Leningrad)

History of the organization of good public eating places in Russia. Vop.pit. 15 no.2:51-53 Mr-Ap '56. (MLRA 9:7)
(RESTAURANTS, LUNCH ROOMS, ETC.)

CHUDOV, I.S., nauchnyy sotrudnik; VERZHBITSKIY, V.G., polkovnik, red.

[Two-time Hero of the Soviet Union Vasilii Stepanovich Petrov] Dvazhdy Geroi Sovetskogo Soiuza Vasilii Stepanovich Petrov. Moskva, 1960. 11 p. (MIRA 14:2)

1. Moscow. TSentral'nyy muzey Sovetskoy Armii. 2. TSentral'nyy muzey Sovetskoy Armii (for Chudov).
(Petrov, Vasilii Stepanovich, 1922-)

INDRYUNAS, Yu. [Indriunas, J.]; VERZHBOLAUSKAS, L. [Verzbolauskas, L.]; MILASHYUS, V. [Milasius, V.]

Structural parameters of the nap. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.5:16-19 '64. (MIRA 18:1)

1. Kaunasskiy politekhnicheskiy institut i Institut energetiki i elektrotekhniki AN Litovskoy SSR.

KUZNETSOV, A.L., podpolkovnik; VERZHBITSKIY, V.G., polkovnik, red.

[Hero of the Soviet Union Andrei Efimovich Chertsov] Geroi Sovetskogo Soiuza Andrei Efimovich Chertsov. Moskva, 1960. 15 p. (MIRA 14:2)

1. Moscow. TSentral'nyy muzey Sovetskoy Armii.
(Chertsov, Andrei Efimovich, 1917-)

PROCESSES AND PROPERTIES INDEX

Kaolin as an ingredient of rubber mixtures. V. Andreev and A. Vershinevskaya. *J. Rubber Ind.* (U. S. S. R.) 11, 333 31(1934); cf. C. A. 33, 3505. 28, 2041 The work was done for the purpose of replacing C black in rubber mixts. by native kaolins. The best kaolin was found to be Glukhovetsii. When passing No. 30 sieve it can be used in proportion 20-30% by wt.; it does not affect vulcanization; it increases the tensile strength of rubber; it increases the resistance of rubber to aging, and may well replace 20% of C black. A. Pestoff

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

VERZHIKOVSKAYA, N.V.; SHVAYKO, I.I.

Excess of manganese in food an the function of the thyroid gland in iodine insufficiency. Probl.endok.i gorm. 5 no.5:90-92 S-O '59. (MIRA 13:5)

1. Iz kafedry obshchey gigiyeny (zav. - prof. P.I. Barannik) Kiyevskogo meditsinskogo instituta.
(THYROID GLAND physiol.)
(IODINE deficiency)
(MANGANESE pharmacol.)

Verzhikovskaya, N. V.

VERZHIKOVSKAYA, N.V., kand.med.nauk

Changes in thyroid function in rats on a meat diet. Vrach.delo. no.10:1068 O '57. (MIRA 10:12)

1. Kafedra obshchey gigiyeny (zav. - prof. P.I.Barannik) Kiyevskogo meditsinskogo instituta.
(THYROID GLAND) (MEAT)

TRAKHTENBERG, I.M., dotsent; VERZHIKOVSKAYA, M.V., kand.med.nauk

Effect of low concentrations of mercury on the dynamics of absorption of radioactive iodine by the thyroid gland. Vrach. delo no.2:171-173 F '59. (MIRA 12:6)

1. Kafedra gigiyeny truda (zav. - chlen-korr.AMN SSSR, prof. G.Kh.Shakhbazyan) i kafedra obshchey gigiyeny (zav. - prof. P.I.Barannik) Kiyevskogo meditsinskogo instituta.
(MERCURY--PHYSIOLOGICAL EFFECT) (IODINE METABOLISM)
(THYROID GLAND)

USSR/Human and Animal Physiology - Endocrine Glands. T-9

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31966

Author : Verzhikovskaya, N.V.
Inst :
Title : Change of the Function of the Thyroid Gland in Rats During a Meat Diet.

Orig Pub : Vrachebn. delo, 1957, No 10, 1067-1068.

Abstract : Rats were maintained for 3 months on a meat diet (40 cal per 100 g of weight); control rats received a full-value synthetic diet. The weight of the thyroid gland (TG) in the test rats was increased (16.6; in the controls 8.2 mg/100 g), content of I in TG decreased (14.65; in controls 54.64 mg%). Rate of formation of I^{131} in TG increased. Long nourishment with meat causes hyperfunction of TG.

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VERZHIKOVSKAYA, N.V., kand.med.nauk, SHVEIKO, I.I.

Effect of manganese on thyroid function. Vrach.delo no.11:1207-1209 N'58 (MIRA 12:1)

1. Kafedra obshchey gigiyeny (zav. - prof. P.I. Barannik) Kiyevskogo meditsinskogo instituta.
(MANGANESE--PHYSIOLOGICAL EFFECT)
(THYROID GLAND)

GABOVICH, R.D., VEREZHIKOVSKAYA, N.V.

Effect of fluoride compounds on the absorption of radioactive iodine by the thyroid gland in man and in an experiment [with summary in English] Probl.endok. i gorm. 4 no.3:49-54 My-Je '58 (MIRA 11:8)

(FLUORIDES, effects,
on thyroid radioiodine uptake (Rus))
(IODINE, radioactive,
thyroid uptake, eff. of fluorides (Rus))
(THYROID GLAND, physiology,
eff. of fluorides on radioiodine uptake (Rus))

SHCHEPOTIN, B.M.; VERZHIKOVSKAYA, N.V.

Study of thyroid gland function in peptic ulcer by means of radioactive iodine. Vrach.delo no.10:1099 O '59. (MIRA 13:2)

1. Kafedra terapii sanitarno-gigiyenicheskogo fakul'teta i kafedra obshchey gigiyeny Kiyevskogo meditsinskogo instituta.
(THYROID GLAND) (PEPTIC ULCER) (IODINE--ISOTOPES)

GABOVICH, R.D.; BUKHOVETS, V.I.; VERZHIKOVSKAYA, N.V. (Vinnitsa)

Studying the functional state of the thyroid gland in workers of superphosphate and sulfuric acid industries using I^{131} absorption as an inducater. Gig. truda i prof. zab. 4 no.2: 26-30 F '60. (MIRA 15:3)

1. Kafedra obshchey gigiyeny Vinnitskogo meditsinskogo instituta i Kiyevskogo meditsinskogo instituta.

(THYROID GLAND)
(SULFURIC ACID INDUSTRY--HYGIENIC ASPECTS)
(PHOSPHATE INDUSTRY--HYGIENIC ASPECTS)

VERZHIKOVSKAYA, V.G. [Verzhykovs'ka, V.H.]; POPOV, V.V.

Use of flame photometry in pharmaceutical practice. Farmatsev. zhur. 17 no.5:17-20 '62. (MIRA 17:9)

1. Kafedra biokhimii, gigiyeny i mikrobiologii Zaporozhskogo farmatsevticheskogo instituta.

VERZHIKOVSKIY, L.K. [Vershykovs'kyi, L.K., insh.], insh.

Device for washing milk cans. Mekh.sil'.hosp. 11 no.2:11 F '60. (MIRA 13:6)
(Dairying--Equipment and supplies)

VERZHINSKAYA, A.B.

New fast method for determining the thermophysical characteristics of materials in the form of plates and coatings. Dokl. AN BSSR 8 no.2:101-103 F '64. (MIRA 17:8)

1. Institut teplo- i massoobmena AN BSSR. Predstavleno akademikom AN BSSR A.V. Lykovym.

VERZHINSKAYA, A.B.; NOVICHENOK, L.N.

New universal method of determining thermophysical coefficients.
Inzh.-fiz.zhur. no.9:65-68 S '60. (MIRA 13:9)

1. Institut energetiki AN BSSR, Minsk.
(Materials—Thermal properties)

SHASHKOV, A.G.; FRAYMAN, Yu.Ye.; VERZHINSKAYA, A.B.; KATIBNIKOVA, E.V.

Methods for determining the thermophysical characteristics of materials at room and medium temperatures. Inzh.-fiz. zhur. 4 no.9:111-119 S '61. (MIRA 14:8)

1. Institut energetiki AN BSSR, g. Minsk.
(Materials—Thermal properties)
(Thermoelectricity)

VERZHINSKAYA, A.B.

Use of the constant power source method in studying the thermophysical properties of materials in the form of plates and coatings.
Inzh.-fiz. zhur. 7 no.4:58-65 Ap '64. (MIRA 17:4)

1. Institut teplo- i massoobmena AN BSSR, Minsk.

VERZHINSKAYA, A.B.; KUTS, P.S.

Dependence of the thermophysical characteristics of drying heat-insulating peat slabs on the moisture content. Inzh.-fiz. zhur. 7 no.8:81-84 Ag '64. (MIRA 17:10)

1. Institut teplo- i massoobmena AN BSSR, Minsk.

VERZHINSKAYA, A. B.

"Method of the constant power source."

Report presented at he 1st All-Union Conference on Heat- and Mass- Exchange, Minsk, BSSR, 5-9 June 1961

VERZHINSKAYA, A. B.

"Universal instrument for numerous thermal tests of nonmetallic materials."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Inst of Heat & Mass Transfer, AS BSSR.

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24.5200 1164, 1427, 1537

S/170/60/003/009/010/020
B019/B060

AUTHORS: Verzhinskaya, A. B., Novichenok, L. N.

TITLE: A New Universal Method of Determining Thermophysical Coefficients

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 9, pp. 65-68

TEXT: The way of determining the thermal conductivity and thermal diffusivity proposed here is based on the rules governing an unsteady heating of two unilaterally bounded and infinitely long rods having a heat source of constant power at their point of contact. The method, which is most simple and reliable, has been proposed by A. V. Lykov, Academician of the AS BSSR (Ref. 1). The solution and analysis of the one-dimensional heat conduction equation under appropriate boundary conditions form the theoretical basis. In the first part of the present paper, the authors discuss the theory of the system considered here, and the experimental methods are dealt with in the second part. Fig. 1 shows a scheme of the simple experimental arrangement, and Table 1 compares the thermodynamic

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B019/B060

A New Universal Method of Determining Thermophysical Coefficients

values found thereby with those contained in publications for plexiglass, foam plastics, and quartz sand. The agreement found is satisfactory. There are 3 figures, 1 table, and 4 references: 3 Soviet, and 1 Italian.

ASSOCIATION: Institut energetiki AN BSSR, g. Minsk
(Institute of Power Engineering AS BSSR, Minsk)

SUBMITTED: April 11, 1960

Card 2/2