where K is the coefficient expressing the change of C for 1% change of acid concentration:

$$C = 0.3 + K \cdot c_{HNO_3} + 0.0041\ P^{1.85} +$$

$$+ 0.067\ h - 0.002\ t - 0.43\ w, \quad (10)$$

where 0.3 is a constant for a given plate construction and initial gas composition. Preliminary calculations of the values of C by means of the above equations showed that they can be used successfully in designing absorption columns for the production of weak nitric acid. The following workers of the TsZl LKhK (Abstracter's note: Presumably stands for the Central Factory Laboratory of the Lisichansk Chemical Combinate) took part in the study: M. T. Ivakhnenko, A. N. Berezhnaya, N. A. Rassypkina, Z. A. Makarova, A. N. Lyashenko, N. S. Bezperstova, N. N. Nikolayeva, and K. A. Dubenko. There are 6 figures; 3 tables; and 10 references, 1 U.S., 2 U.K., 1 Polish, 6 Soviet. The U.S. and U.K. references are: K. G. Denbigh, A. J. Prince, J. Chem. Soc., 6, 790 (1947); P. G. Caundl, K. G. Denbigh, Trans. Faraday Soc., 49, 1, 39 (1953); T. S. Chambers, T. K. Sherwood, Ind. Eng. Chem., 29, 12, 1515

Concerning the Efficiency of Nitrogen Oxide Absorption in Bubble Plate Columns 77631
SOV/80-33-2-6/52

(1937).

SUBMITTED: June 23, 1959

Card 4/4

KORDYSH, Ye. I. Cand Tech Sci -- "Determination of the optimum relationship between processes of oxidation of nitric oxide and absorption of nitrogen peroxide during the formation of nitric acid in absorption columns." Ivanovo, 1961 (Min of Higher and Secondary Specialized Education RSFSR. Ivanovo Chemicotechnological Inst). (KL, 4-61, 197)

L 35439-65 EPF(c)/EWP(j)/EWA(c)/EWT(m) Pc-4/Pr-4 RM

ACCESSION NR: AP5006845 S/0063/65/010/001/0108/0108

AUTHOR: Strizhevskiy, I. I.; Kordysh, Ye. I.; Voronova, L. Ya; Mokhova, V. S.; Shlyakhover, I. V.; Sobodyn', S. G.; Estrin, S. M.

TITLE: Filling of cylinders with acetylene made by pyrolysis

SOURCE: Vsesoyuznoye khimicheskoye obshchestvo. Zhurnal, v. 10, no. 1, 1965, 108

TOPIC TAGS: acetylene pyrolysis, carbide based acetylene, propadiene, methyl acetylene, diacetylene, divinyl, chromatographic column, acetylene cylinder, organic solvent

ABSTRACT: Unlike acetylene made from carbide, acetylene made by pyrolysis contains the following impurities: methyl acetylene, propadiene, divinyl, diacetylene, etc. The authors experimented with filling 40-liter cylinders with acetylene made by pyrolysis in order to determine the nature of the distribution of these impurities during the emptying of the cylinders. The acetylene used had the following composition in %: C_2H_2 98-99.2; CO_2 0.1-0.2; O_2 0.05-0.1; propadiene 0.2-0.3; methyl acetylene 0.2-0.3; divinyl 0.01-0.03; vinyl acetylene 0.03-0.05; diacetylene 0.03-0.05. Prior to the experiments this acetylene was

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L 35439-65

ACCESSION NR: AP5006845

subjected to a chromatographic analysis and to a ionization-flame detector test. In the course of experiments with discharging of acetylene from the cylinder at the rate of 0.5-0.6m^3/hr in the presence of an ambient air temperature of 23°C it was found that, as the pressure decreased, the content of impurities in the acetylene emerging from the cylinder increased. With increasing temperature the amount of the residual impurities in the cylinder decreases markedly. Polymerization of the diacetylene in organic solvents is extremely slow, and the resulting polymers are non-explosive. The acetylene cylinder filled with the porous mass is a distinctive chromatographic column. Orig. art. has: 2 figures.

ASSOCIATION: Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza (State Institute of Nitrogen Industry and Products of Organic Synthesis)

SUBMITTED: 20May64 ENCL: 00 SUB CODE: OC,GC

NO REF SOV: 004 OTHER: 002

Card 2/2

STRIZHEVSKIY, I.I. [Stryzheve'kyi, I.I.]; KORDYSH, Ye.I. [Kordysh, IE.I.]; VORONOVA, L.Ya.; MOKHOVA, V.S.; SOBODYR', S.G. [Sobodyr, S.H.]; SHLYAKHOVER, I.V.; ESTRIN, S.M.

Balloon filling with pyrolysis acetylene. Khim. prom.[Ukr] no.1: 69-71 Ja-Mr '65. (MIRA 18:4)

KORDYSH, Ye.I.; LIVKH, V.A.; STRUNINA, A.V. Prinimali uchastiye: BOSANYUK, G.P.; GOLOVANOVA, E.V.; SAMOYLENKO, L.N.

Contamination of expansion gases from ammonia production by hydrogen sulfide as a result of occurring biochemical processes. Khim. prom. 41 no. 12:901-902 D '65 (MIRA 19:1)

BEREZHNOY, A.S.; KORDYUK, R.A.

Melting diagram of the system $MgO - Al_2O_3 - ZrO_2$. Dop. AN URSR no.4:506-508 '64. (MIRA 17:5)

1. Ukrainskiy institut ogneuporov. 2. Chlen-korrespondent AN Ukr SSR (for Berezhnoy).

KORDYUK, R.A.; GUL'KO, N.V.

Tetrahedration of the system $MgO - Al_2O_3 - ZrO_2 - SiO_2$. Dokl. AN SSSR 154 no.5:1183-1184 F'64. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov. Predstavleno akademikom N.V. Belovym.

BEREZHNOY, A. S.; KOLDYUK, R.A.

Modification transformations of magnesium metasilicate. Dop. AN URSR no.10:1417-1420 '60. (MIRA 13:11)

1. Ukrainskiy institut ogneuporov, g. Khar'kov.
2. Chlen-korrespondent AN USSR (for Berezhnoy).
(Magnesium silicate)

BEREZHNOY, A.S.; KORDYUK, R.A.

Characteristics of reactions underlying the manufacture and use of forsterite refractories. Dop. AN URSR no. 12:1614-1617 '60.
(MIRA 14:1)

1. Ukrainskiy institut ogneuporov, Khar'kov. 2. Chlen-korrespondent AN USSR (for Berezhnoy).
(Forsterite)

BEREZHNOY, A.S.; KORDYUK, R.A.

Formation of calcium silicates, ferrites, aluminate, and titanates in the solid phase. Dop.AN URSR no.7:924-927 '61. (MIRA 14:8)

1. Ukrainskiy institut ogneuporov. 2. Chlen-korrespondent AN USSR (for Berezhnoy).
(Calcium compounds)

ACCESSION NR: AP4030395 S/0021/64/000/004/0506/0508

AUTHOR: Berezhnoy, A. S. (Corresponding member of AN UkrSSR); Kordyuk, R. A.

TITLE: Melting diagram of the system MgO -- Al_2O_3 -- ZrO_2

SOURCE: AN UkrRSR. Dopovidi, no. 4, 1964, 506-508

TOPIC TAGS: magnesium oxide, corundum, alumina, zirconium oxide, fusibility

ABSTRACT: A melting diagram of the system MgO--Al_2O_3-ZrO_2 (see Fig. 1 of Enclosure) is constructed, and the location of the boundary lines tentatively determined (see Fig. 2 of Enclosure). Contrary to the report by P. Ya. Sal'dav and others (Izv. AN SSSR, Otd. khim. nauk, 6, 669 (1945) these writers found that ZrO_2 and $MgAl_2O_3$ form a simple pseudobinary system with an eutectic melting at 1860°C and containing about 52% by weight of ZrO_2. Two ternary eutectics in this system are formed by the following solid phases (and by the melt) with the following melting points and the approximate composition (% by weight): 1) Al_2O_3 -- ZrO_2 -- $MgAl_2O_3$; 1830°C; 7% MgO, 43% Al_2O_3 and 50% ZrO_2. 2) MgO -- ZrO_2 -- $MgAl_2O_3$; 1840°C; 20% MgO, 20% Al_2O_3 and 60% ZrO_2. The solid solutions contain

Card 1/4

ACCESSION NR: AP4030395

not more than a few % of the third oxide. In the investigated system the relative value of the region of compositions containing not more than 10% of the melt at 2000°C is about 7.5% (see Fig. 3 of Enclosure).

ASSOCIATION: Ukrayins'ky*y insty*tut vognetry*viv (Ukrainian Institute of Fire Resistant Materials)

SUBMITTED: 10Aug63 DATE ACQ: 30Apr64 ENCL: 02

SUB CODE: MM NO REF SOV: 002 OTHER: 000

Card 2/4

ACCESSION NR: AP4030395

ENCLOSURE: 01

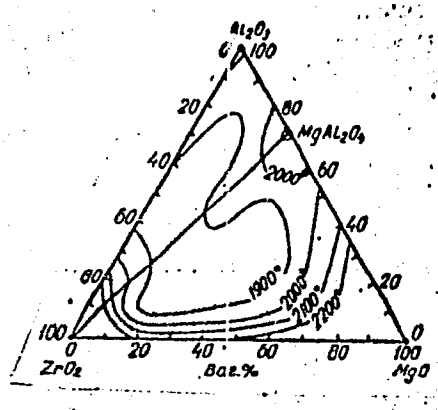

Fig. 1. Melting diagram

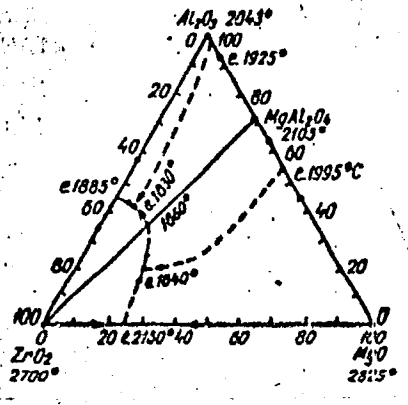

Fig. 2. Boundary lines

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ACCESSION NR: AP4030395 ENCLOSURE: 02

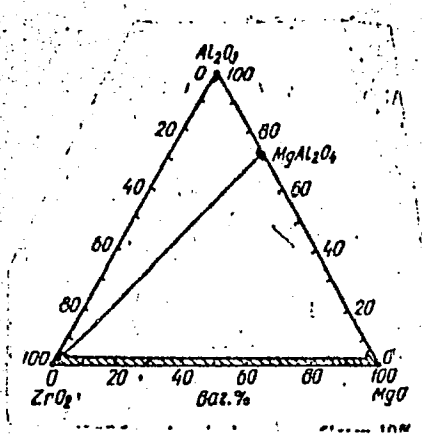

Fig. 3. Region of compositions containing not more than 10% of melt at 2000C.

Card 4/4

36284
S/131/62/000/002/003/004
B105/B101

15.2230

AUTHORS: Berezhnoy, A. S., Kordyuk, R. A.

TITLE: The system CaO - MgO - ZrO_2 - SiO_2 and its importance for the production of refractories

PERIODICAL: Ogneupory, no. 2, 1962, 85-90

TEXT: The system CaO - ZrO_2 - SiO_2 was studied and two ternary compounds with the following properties have been detected in it: $Ca_3ZrSi_2O_9$, specific gravity 3.46, melts incongruently at ~1600°C with formation of Ca_2SiO_4 and ZrO_2 arises from oxides (α-quartz, tetragonal ZrO_2, and CaO) with a 2.6% increase in volume, linear expansion coefficient $\alpha = 11.9 \cdot 10^{-6}$, orthorhomic system, Ng = 1.758, Nm = 1.737, Np = 1.735, Ng - Np = 0.023, specific refraction: 0.215; $Ca_2ZrSi_4O_{12}$, specific gravity: 3.06, melts incongruently at ~1430°C with formation of $ZrSiO_4$ arises from oxides with a 7.3% increase in volume, $\alpha = 5.9 \cdot 10^{-6}$, orthorhombic system, Ng = 1.658,

Card 1/2

The system CaO - MgO - ZrO_2 - SiO_2 ...

Np = 1.653, Ng - Np = 0.005, specific refraction: 0.214. Optical studies show that ZrO_2 and Ca_2SiO_4 do not form solid solutions of noticeable concentration. In the system CaO - ZrO_2 - SiO_2 the range of refractory compositions at 1600°C is rather small and decreases rapidly at 2000°C. Melting point, number of existing phases, number of elementary tetrahedrons in which phases occur, the volumes ΣV_i and the existence probability Wi ($Wi = \Sigma V_i/n$, where n is the number of components) are given (Table 2) for the 18 phases of the system CaO - MgO - ZrO_2 - SiO_2. The lowest melting point of the eutectic $CaSiO_3$, $CaMg(SiO_3)_2$, $Ca_2ZrSi_4O_{12}$, and SiO_2, is ~1300°C. At 2000°C only binary combinations of CaO, MgO, and ZrO_2 are suited, and some ternary ones with a maximum concentration of the third oxide of ~5%. There are 8 figures, 3 tables, and 5 Soviet references.

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (Ukrainian Scientific Research Institute of Refractories)

Card 2/3

34756
S/020/62/142/003/024/027
B101/B110

15.2520

AUTHORS: Kordyuk, R. A., and Gul'ko, N. V.

TITLE: Subsolidus structure and ternary compounds in the system CaO - ZrO_2 - SiO_2

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 142, no. 3, 1962, 639-641

TEXT: The reactions in solid phase of the combinations (1) Ca_2SiO_4 + $CaZrO_3$; (2) Ca_2SiO_4 + ZrO_2; (3) Ca_2SiO_4 + $ZrSiO_4$; (4) $Ca_3Si_2O_7$ + ZrO_2; (5) $CaSiO_3$ + $CaZrO_3$; (6) $CaSiO_3$ + ZrO_2; and (7) $CaSiO_3$ + $ZrSiO_4$ were subjected to microscopic and X-ray investigations. Mixtures (ratio by weight 1:1) of the substances mentioned (synthesized from pure ZrO_2, quartz, and $CaCO_3$) were calcined by raising the temperature from 1200°C to the melting point at 50 - 100°C intervals. Reactions were found to take place in mixtures (4) and (7), but not in mixtures (1), (2), and (6). Formation of two compounds was observed when studying the systems

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Ca_2SiO_4 - $CaSiO_3$ - ZrO_2 and $CaSiO_3$ - SiO_2 - ZrO_2. $Ca_3ZrSi_2O_9$ (I) forms from $CaSiO_4$ + $CaSiO_3$ + ZrO_2 or $Ca_3Si_2O_7$ + ZrO_2. The beginning of formation is microscopically observed at 1200°C. At 1400°C, the yield is 90% after 2 hr. The compound is most perfectly formed at 1500°C from $Ca_3Si_2O_7$ + ZrO_2. At 1600°C, incongruent melting takes place with formation of Ca_2SiO_4, ZrO_2, and melt. Optical constants of I are: N_g = 1.758; N_m = 1.737; N_p = 1.735; $N_g - N_p$ = 0.023, 2V = 2°92'. The sign of the principal zone is positive, biaxial, with linear extinction. Crystallization in a rhombic system is assumed for I. The specific gravity determined pycnometrically is 3.46 g/cm^3. The formation from oxides occurs with increase in volume (ΔV = +2.6%). The linear expansion coefficient α is $11.9 \cdot 10^{-6}$. The compound is soluble in concentrated HCl, and hydrolyzes in boiling water. $Ca_2ZrSi_4O_{12}$ (II) forms (after ~15 hr) at 1400°C; the sample has to be crushed several times during this process. Above 1430°C, incongruent melting takes place with formation of $ZrSiO_4$

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and melt. Data for II are: N_g = 1.658; N_p = 1.653; $N_g - N_p$ = 0.005; specific gravity = 3.06 g/cm^3, ΔV = +7.3%; $\alpha = 5.9 \cdot 10^{-6}$. The sign of the principal zone is positive, biaxial, extinction is linear. A rhombic system is therefore assumed. Compound II is unsoluble in concentrated HCl, and does not hydrolyze. X-ray data (line intensities and interplanar spacings) found for I and II by A. M. Gavrish are tabulated. No reactions were observed between I and ZrO_2, $CaSiO_3$, $Ca_3Si_2O_7$, Ca_2SiO_4, and between II and ZrO_2, $ZrSiO_4$, SiO_2, and $CaSiO_3$. The subsolidus structure of the system CaO - ZrO_2 - SiO_2 (Fig. 1) differs from that of the system SrO - ZrO_2 - SiO_2. G. V. Voronkov and Ye. I. Medvedovskaya are mentioned. There are 1 figure, 1 table, and 3 references: 1 Soviet and 2 non-Soviet. The reference to the English-language publication reads as follows: P. S. Dear, Bull. of the Virginia Polytechn. Inst., 51, [8], 10 (1958); Chem. Abstr., 53, [5], 3862 (1959).

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (Ukrainian Scientific Research Institute of Refractory Materials)

BEREZHNOY, A.S.; KORDYUK, R.A.

Characteristics of the system CaO - MgO - Al_2O_3 - ZrO_2. Dop. AN URSR no.12:1617-1620 '63. (MIRA 17:9)

1. Ukrainskiy institut ogneuporov. 2. Chlen-korrespondent AN UkrSSR (for Berezhnoy.

DUBININ, V.N. [Dubinin, V.M.]; KORDYUK, S.L.; LISICHENKO, V.I. [Lysychenko, V.I.]; SMOYLOVSKIY, A.N. [Smoilovs'kyi, O.N.]

Temperature dependence of the Mössbauer effect in stannic acid. Ukr.fiz.zhur. 10, no.12:1368-1369 D '65. (MIRA 19:1)

1. Dnepropetrovskiy gosudarstvennyy universitet.

L 09230-67 EWI(m)/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AP7002799 SOURCE CODE: UR/0048/66/030/008/1360/1363

AUTHOR: Kryukova, L. N.; Kordyukevich, V. O; Sorokin, A. A. 20

ORG: Scientific Research Institute of Nuclear Physics, Moscow State University im. M. V. Lomonosov (Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta)

TITLE: Lifetimes of the lower excited states of Ir^{189} /9

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 8, 1966, 1360-1363

TOPIC TAGS: deformed nucleus, iridium /1

ABSTRACT: To verify the assumption that the lower excited states of Ir^{189} may be regarded as levels of a deformed nucleus which represent a system of two rotational bands based on single-particle Nilsson states $3/2^+/402/$ and $1/2^+/400/$, the lifetimes of the first and second excited levels of Ir^{189} (with energies of 94 and 113 kev) were measured. The source used was a Pt fraction chemically isolated from a proton-irradiated Au target. The lifetimes were measured by means of a $\beta\gamma$-coincidence spectrometer. Pulses from the photomultiplier anodes were transmitted to a time-amplitude converter. Findings: For the 94-kev level it was found that $T_{1/2}(M1)$ 1.36 10-9 sec and $T_{1/2}(E2)$ 9.6 10-9 sec. These findings strengthen the theory that the 94-kev level is chiefly a single-particle (proton) level and the 113-kev level is the second rotational term of the fundamental rotational band with K = 3/2. Orig. art. has: 4 figures. [JPRS: 39,040]

Card 1/1 mla SUB CODE: 20 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 006

0825 1607

RUDENKO, N.P.; KORDYUKEVICH, V.O.

Reaction of gold with 8-mercaptoquinoline and its gravimetric determination. Zhur. anal. khim. 21 no.1:18-22 '66
(MIRA 19:1)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

KRYUKOVA, L.N.; KORDYUKEVICH, V.O.; SOROKIN, A.A.; RUDENKO, N.P.

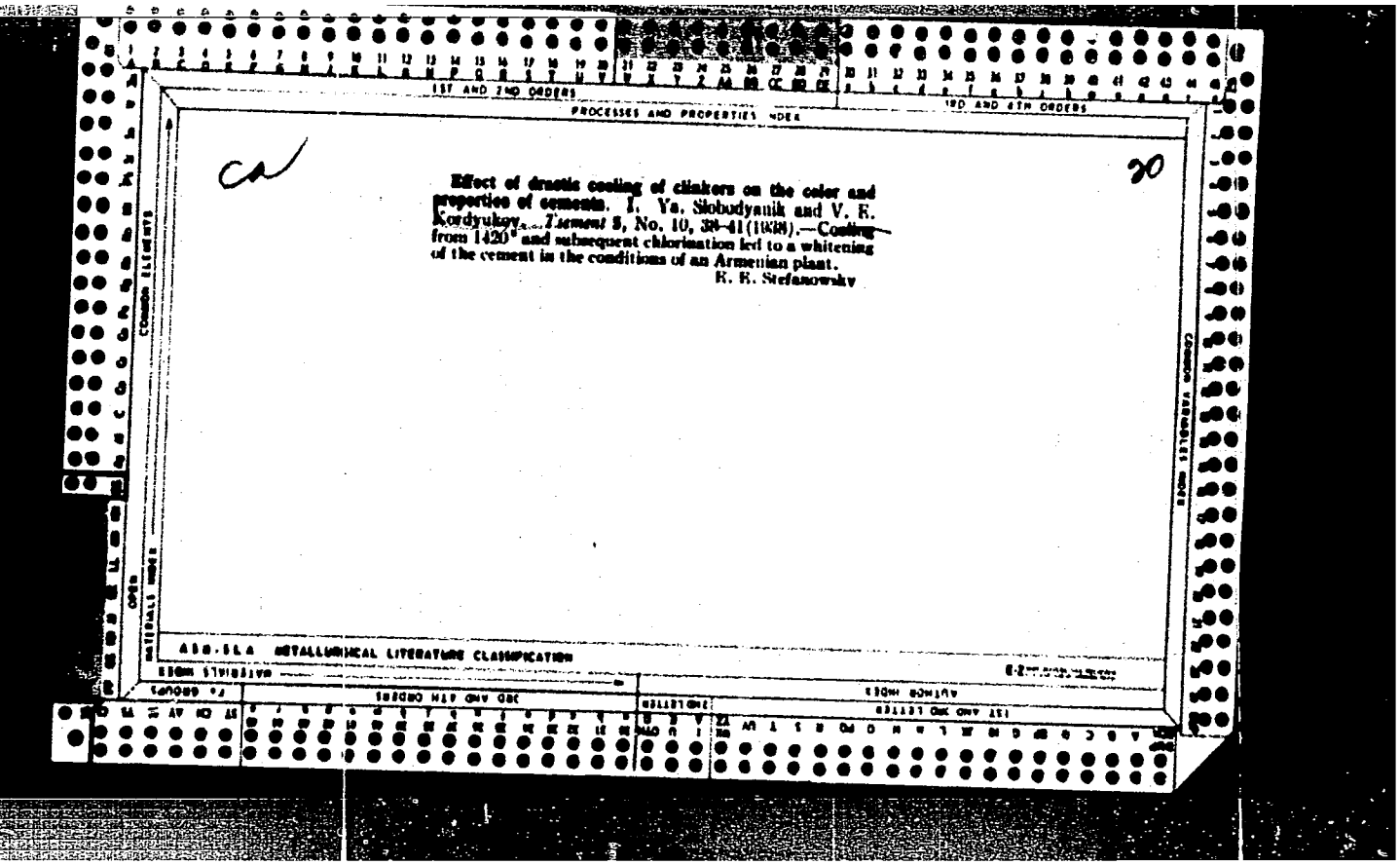
Lifetime of the 55Kev. state in the Ir^{188} nucleus. Izv. AN SSSR. Ser. fiz. 29 no.7:1089-1091 Jl '65. (MIRA 18:7)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

MIKOYAN, A.; IGNATOV, N.; KOROVUSHKIN, A.; GARBUZOV, V.; KABKOV, Ya.; KUDRYAVTSEV, A.; BORYCHEV, I; VOROB'YEV, V.; SVESHNIKOV, M.; USHAKOV, V.; MIROSHNICHENKO, B.; ZENCHENKO, N.; BABUSHKIN, V.; NIKITKIN, N.; PODSHIVALENKO, P.; ZOTOV, M.; VOSKRESENSKIY, A.; KAZANTSEV, A.; KORDYUKOV, A.; NOSKO, P.; PLESHAKOV, S.; VERSOV, A.; ROMASHOV, A.

I.N. Kazakov; obituray. Den. i kred. 19 no.3:95 Mr '61. (MIRA 14:3)

(Kazakov, Ivan Nikolaevich, 1907-1961)



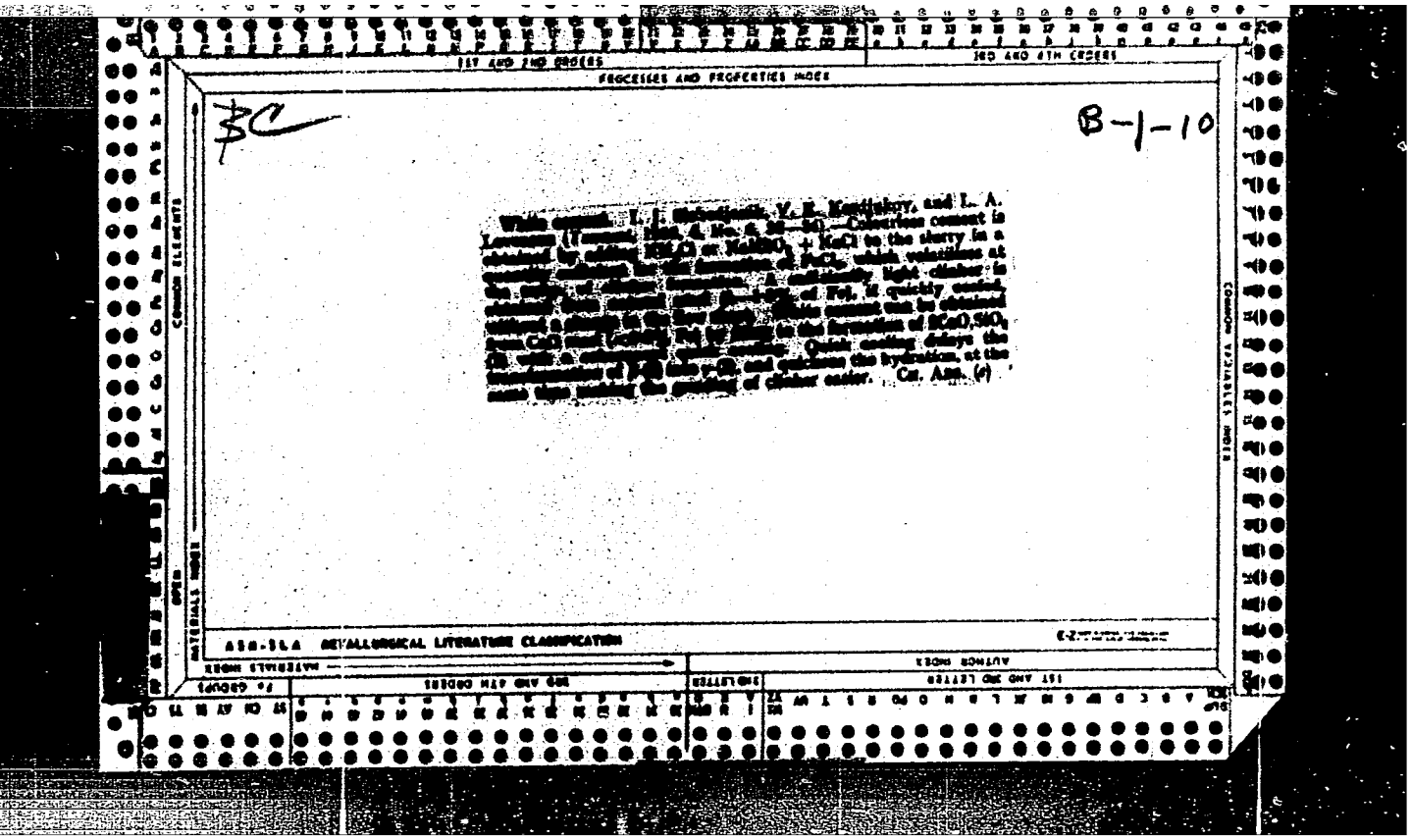
Effect of drastic cooling of clinkers on the color and properties of cements. I. Ya. Slobodyanik and V. E. Kordyukov. *Tsement* 5, No. 10, 38-41(1938).—Cooling from 1420° and subsequent chlorination led to a whitening of the cement in the conditions of an Armenian plant.
R. E. Stefanowsky

PROCESSES AND PROPERTIES INDEX

White cement. I. Ya. Shteinlyanik, [illegible] and L. A. Levenzon. *Tsement* 4, No. 6, [illegible]. Colorless cement is obtained by adding NH_4Cl or $NaHSO_4$ + NaCl to the slurry in a quantity sufficient for the formation of $FeCl_3$, which volatilizes at the temp. of clinker formation. A sufficiently light clinker is obtained from natural marl contg. 1-1.5% of iron, if quickly cooled, without a change in the flow sheet. White cement can be obtained from lime marl contg. less than 0.5% iron by firing to the formation of dicalcium silicate with a subsequent quick cooling. Quick cooling of clinker delays the transformation of the β-modification of $2CaO.SiO_2$ to the γ-modification and quickens the hydration of dicalcium silicate, at the same time making the grinding of clinker easier.

R. K. Stefanowsky

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



KORDYUKOV, V.P.

Widening of rings and bandages during forging. Kuz.-shtam.proizv. 6 no.1:42-44 Ja '64. (MIRA 17:3)

KORDYUKOV, Vasiliy Pavlovich; SEMENOV, Ye.I., kand. tekhn. nauk, red.

[Making large forgings by the hammer forging method] Opyt izgotovleniia krupnykh p'kovok svobodnoi kovkoi. Moskva, Mashinostroenie, 1965. 191 p. (MIRA 18:12)

21807 KORDYUKOV, V. Ye. K voprosu konstruirovaniya mundshtukov dlya dyrchatogo kirpicha. Steklo i keramika, 1949, No. 5, s. 12-14,

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

KORDYUKOV, V.Ye., inzh. (Chernigov)

We need a method of determining the activity of the binding material. Stroi. mat. 9 no.5:18 My '63. (MIRA 16:7)

(No subject headings)

ACCESSION NR: AR4014430 S/0124/64/000/001/V080/V080

SOURCE: RZh. Mekhanika, Abs. 1V612

AUTHOR: Kordyukova, L. N.

TITLE: Supplemental plastic deformation during one load cycle and following repeated loading

CITED SOURCE: Sb. tr. Ul'yanovskogo politekhn. in-ta, no. 2, 1962, 21-39

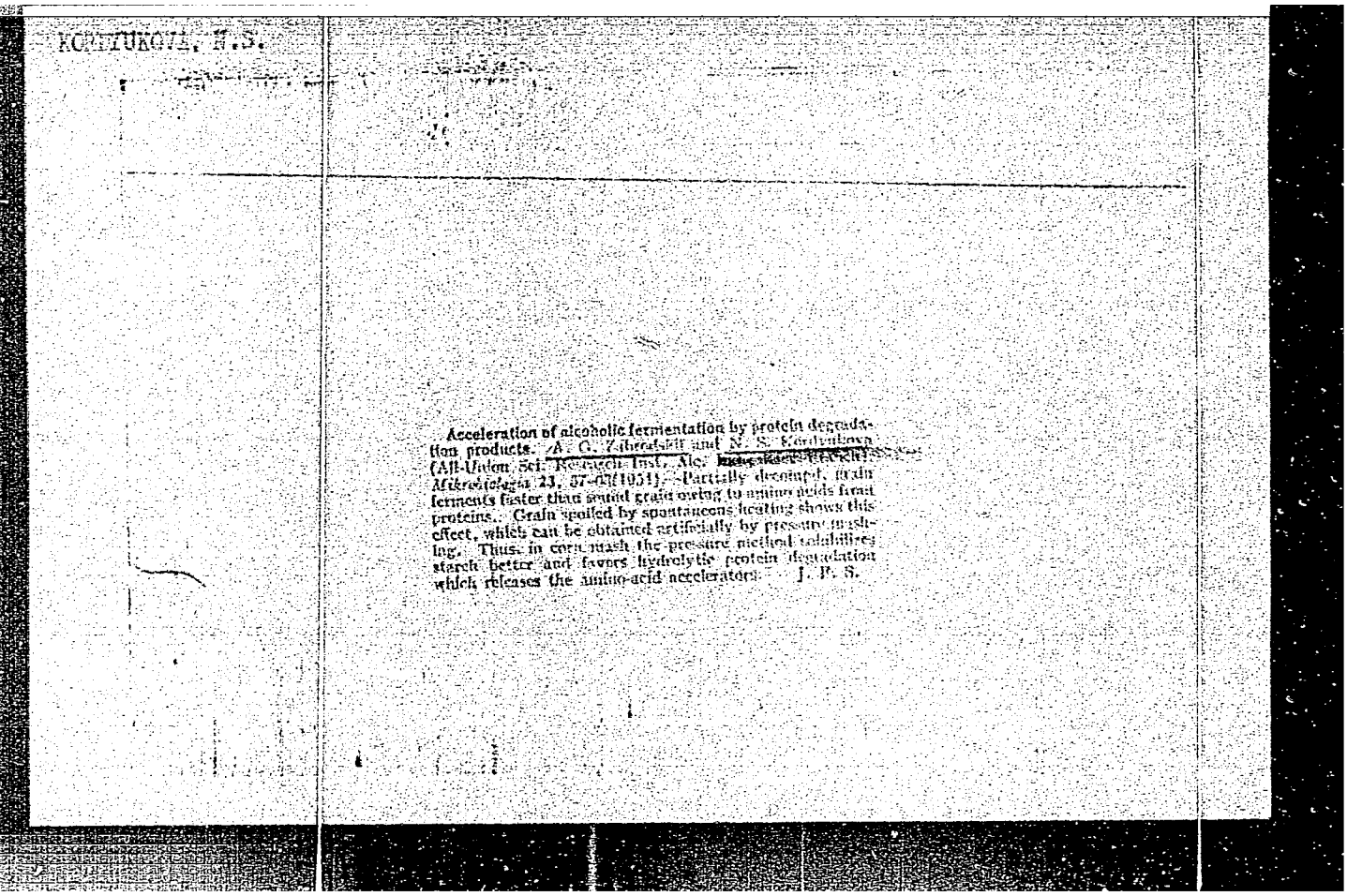
TOPIC TAGS: plastic deformation, supplemental deformation, Bauschinger effect, hysteresis loop

TRANSLATION: The author supplies a qualitative explanation of the appearance of plastic deformation per cycle during a pulsed constant amplitude stretching. He utilizes the model of a polycrystalline metal with grains of differing fluidity limits as proposed by N. N. Afanas'yev (Statisticheskaya teoriya ustalostnoy prochnosti metallov. Kiyev, Izd-vo AN UkrSSR, 1953) assuming a uniform distribution of the frequency of fluidity limits. The explanation of the Bauschinger effect and the creation of the hysteresis loop without regard to the changes following a number of cycles is based here on the above-mentioned model. The supplemental plastic deformation per cycle is tied to various degrees of relaxation of the residual stresses

Card 1/2

KORDYUKOVA, L.N., inzh.

Plastic forming by means of a pulsating force. Trudy MVTU no.111: 180-186 '64. (MIRA 17:9)



KONTUROVA, N.S.

Acceleration of alcoholic fermentation by protein degradation products. A. G. Zhbankov and N. S. Kontorova (All-Union Sci. Research Inst. Alc. [illegible]) *Mikrobiologiya* 23, 57-63(1954).—Partially decomposed grain ferments faster than sound grain owing to amino acids from proteins. Grain spoiled by spontaneous heating shows this effect, which can be obtained artificially by pressure mashing. Thus, in corn mash the pressure method solubilizes starch better and favors hydrolytic protein degradation which releases the amino-acid accelerators. J. P. S.

RAYEV, Z.A.; DROTYANKO, A.S.; KORDYUKOVA, M.S.; SEMENETS, P.A.; KOVALENKO, A.D.; PARKHOMENKO, M.R.

Treatment of yeast milk with malt wort for the improvement of the quality of compressed yeast. Ferm. i spirt. prom. 31 no.7:18-22 '65. (MIRA 18:11)

1. Ukrainsky nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti (for Rayev, Drotyanko, Kordyukova). 2. Andrushevskiy spirtokombinat (for Semenets, Kovalenko, Parkhomenko).

RAYEV, Z.A.; KORDYUKOVA, N.S.

Purification of molasses in the manufacture of bakers' yeast. (MIRA 17:2)
Spirt. prom. 28 no.7:4-7 '62.

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti.

RAYEV, Z.A.; KORDYUKOVA, N.S.; PINYAYEVA, N.A.; MEL'NIK, A.N.

Improving the maltose activity of distillery baker's yeast. (MIRA 17:11)
Ferm. i spirt. prom. 30 no.6:5-7 '64.

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti.

KORDYUKOVA, S.

Fabrics which did not grow in fields. IUn.tekh. 2 no.8:17-23 Ag '59. (MIRA 12:7)
(Textile fibers, Synthetic)

SHUSTOROVICH, Yevgeniy Meyerovich; KABACHNIK, M.I., akademik, otv. red.; BLYUMENFEL'D, L.A., doktor khim. nauk, otv. red.; KORDYUKOVA, S.A., red.; TARASENKO, V.M., red.izd-va; SUSHKOVA, L.A., tekhn. red.

[Nature of chemical bonds] Priroda khimicheskoi sviazi. Moskva, Izd-vo AN SSSR, 1963. 134 p. (MIRA 16:12)
(Chemical bonds)

KORDYUM, V.A. [Kordium, V.A.]; LAZURKEVICH, Z.V. [Lazurkevych, Z.V.]; ZHAROVA, L.G. [Zharova, L.H.]

Possibility of using a temperature-gradient device for studying cardinal temperature points in the growth of micro-organisms. Mikrobiol.zhur. 27 no.2:83-86 '65. (MIRA 18:5)

1. Institut mikrobiologii i virusologii AN UkrSSR.

30(1)

AUTHOR: Kordyum, L.Ye. SOV/21-59-3-20/27

TITLE: On Some Peculiarities of the Tapetum and Antipodes of the Family of Ranunculaceae (O nekotorykh osobennostyakh tapetuma i antipod semeystva lyutikovykh)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1959, Nr 3, pp 312-316 (USSR)

ABSTRACT: Summing up data from reference materials and his own experience in the study of the development of the cells of the tapetum and antipodes of a number of Ranunculaceae species, the author notes some peculiarities of the cleavage of these cells, leading to the formation of polyploid nuclei. He draws an inference that the antipodes play a definite role in the metabolism of the embrio sac, which is confirmed by the presence in them of ascorbic acid of the SH group, and of some ferments. There are 2

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SOV/21-59-3-20/27

On Some Peculiarities of the Tapetum and Antipodes of the Family of Ranunculaceae

sets of diagrams and 16 references, 1 of which is Soviet, 4 German, 8 American, 1 French and 2 unidentified.

ASSOCIATION: Botanicheskiy sad imeni akademika O.V. Fomina (The Botanic Garden imeni Academician O.V. Fomin)

PRESENTED: November 28, 1958, by D.K. Zerov, Member of the AS UkrSSR

Card 2/2

KORDYUM, V.A.

Continuous selection of bacteria in preparing phosphorubacterin.
Mikrobiol.zhur. 18 no.4:57-59 '56. (MLRA 10:2)

1. Z Kiivs'kogo derzhavnogo universitetu im. T.G.Shevchenka
(BACILLUS MEGATHERIUM)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)
(FERTILIZERS AND MANURES)

KORDYUM, V.A. [Kordium, V.A.]

Interaction of Azotobacter and phosphorus bacteria. Mikrobiol. zhur. 20 no.3:24-28 '58 (MIRA 11:11)

1. Iz Kiyevskogo gosudarstvennogo universiteta im. T.G. Shevchenko, kafedra mikrobiologii.
(AZOTOBACTER)
(BACTERIA, PHOSPHORUS)

FRANTSEVICH, L.I.; KORDYUM, V.A.; AKIMOV, I.A.

A simple adaptation of the ordinary microscope for use as a polarizing microscope. Lab. delo 5 no.3:56-57 My-Je '59. (MIRA 12:6)

1. Iz Kiyevskogo gosudarstvennogo universiteta.
(MICROSCOPY)

KORDYUM, V. A., Cand Biol Sci -- (diss) "Correlations between nitrogen bacteria and phosphorus bacteria." Kiev, 1960. 12 pp with illustrations; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Kiev Order of Lenin State Univ im T. G. Shevchenko); 150 copies; free; (KL, 17-60, 147)

KORDYUM, V.A.

Physiology of Bacillus megatherium and on its phosphate-mineralizing variants. Mikrobiol. zhur. 22 no.4:57-63 '60. (MIRA 13:11)
(BACILLUS MEGATHERIUM)

KORDYUM, V.A.

Simple method for impulse microphotography. Lab. delo [7] no.4: 50-51 Ap '61. (MIRA 14:3)

1. Kafedra mikrobiologii i antibiotikov (zav. - prof. M.N.Rotmistrov) Kiyevskogo gosudarstvennogo universiteta.
(MICROPHOTOGRAPHY—EQUIPMENT AND SUPPLIES)

RUBENCHIK, L.Y.[Rubenchyk, L.I.]; KORDYUM, V.A.; LAZURKEVICH, Z.M. [Lazurkevych, Z.M.]; VLADIMIROVA, Ye.V. [Vladymyrova, IE.V.]

Growth of bacteria-free Chlorella cultures in a multi-stage continuous flow system. Mikrobiol. zhur. 23 no.5:5-8 '61. (MIRA 14:12)

1. Institut mikrobiologii AN USSR.
(ALGAE—CULTURES AND CULTURE MEDIA)

KORDYUM, V.A.

Multiplication of micro-organisms from atmospheric and soil dust at the expense of phytogenic substances under greenhouse conditions. Mikrobiol. zhur. 23 no.5:8-12 '61. (MIRA 14:12)
(DUST--MICROBIOLOGY) (ALLELOPATHY)

KORDYUM, V.A.

Simple method for continuous cultivation of micro-organisms under flowless conditions. Mikrobiol. zhur. 23 no.2:73-75 '61. (MIRA 14:7)

(BACTERIOLOGY—CULTURES AND CULTURE MEDIA)

BOBCHENKO, Ye.S. [Bobchenko, IE.S.]; KORDYUM, V.A.

Multiplication of micro-organisms in the air; preliminary report. Visnyk Kyiv. un. Ser. biol. no.1:173-175 '58.
(MIRA 15:6)

(AIR--MICROBIOLOGY)

RUBENCHIK, L. I.[Rubenchyk, L. I.]; KORDYUM, V. A.

Development of micro-organisms in an atmosphere of volatile substances secreted by pea and wheat shoots. Mikrobiol. zhur. 23 no.3:1-8 '61. (MIRA 15:7)

1. Institut mikrobiologii Akademii nauk USSR.

(RHIZOSPHERE MICROBIOLOGY) (WHEAT) (PEAS)

RUBENCHIK, L.I. [Rubenchyk, L.I.]; KORDYUM, V.A.; CHERNYKH, S.I.

Development of micro-organisms in the leaves of some plants under natural conditions. Mikrobiol.zhur. 24 no.2:3-7 '62. (MIRA 15:12)

1. Institut mikrobiologii AN UkrSSR.
(MICRO-ORGANISMS) (PLANTS)

KORDYUM, V.A.; SMIRNOVA, R.M. [Smyrnova, R.M.]

Oligodynamic action of corrosive sublimate and its elimination during the sterilization of seed surfaces. Mikrobiol.zhur. 24 no.3:63-67 '62. (MIRA 15:8)

1. Institut mikrobiologii AN UkrSSR.
(SEEDS--DISINFECTION) (MERCURY)

KORDYUM, V.A.; LAZUKEVICH, Z.V.; ZHAROVA, L.G. [Zharova, L.H.]

Simple method for checking bacteriological purity of cultures of unicellular algae and detecting bacterial mutants. Mikrobiol. zhur. 24. no.4: 61-63 '62. (MIRA 16:5)
(ALGAE--CULTURES AND CULTURE MEDIA)
(BACTERIOLOGY--TECHNIQUE)

CHERNOBEL'SKAYA, M.N. [Chernobyl's'ka, M.N.]; KORDYUM, V.A.; LANDAU, S.M.

Role of some factors on the spore formation of phosphorus bacteria. Visnyk Kyiv.un. no.2. Ser.biol. no.1:103-106 '59.
(MIRA 16:4)

(BACTERIA, PHOSPHORUS) (SPORES (BOTANY))

KORDYUM, V.A.; EYNOR, L.O.; LAZURKEVICH, Z.V.; CHERNYKH, S.I.

Characteristics of respiration of the thermophilic variant of Chlorella vulgaris. Dop. AN URSR no.5:655-658 '63. (MIRA 17:9)

1. Institut mikrobiologii AN UkrSSR i Institut botaniki AN UkrSSR. Predstavleno akademikom AN UkrSSR D.K.Zerovym.

KORDYUM, V.A.; LENOVA, L.I.; VAYSBAND, S.M.; RATUSHNAYA, M.Ya. [Ratushna, M.IA.]; PREOBRAZHENSKAYA, L.N. [Preobrazhens'ka, L.N.]; SMIRNOVA, M.N. [Smyrnova, M.N.]

Effect of the removal of metabolites on the growth of Chlorella vulgaris. Mikrobiol. zhur. 27 no.5:23-26 '65. (MIRA 18:10)

1. Institut mikrobiologii i virusologii AN UkrSSR.

USSR/Weeds and Weed Control N

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44416

Author : Kordyum E.L.
Inst : Kiev Univ.
Title : Distribution Data for Dodder in Domanevskiy Rayon, Nikolayevskaya Oblast'

Orig Pub : Nauk. cap. Kiivs'k. un-t, 1957, 16, No 1, 137-139

Abstract : No abstract

Card : 1/1

KORDYUM, Ye.L. [Kordium, IE.L.]

KORDYUM, Ye. L., Cand of Bio Sci -- (diss) "Comparative Embryological Investigation of the Crowfoot Family (Ranunculaceae)," Kiev, 1959, 16 pp (Kiev State Univ im Shevchenko) (KL, 1-60, 120)

KORDYUM, Ye.L. [Kordium, IE.L.]

Embryology of the representatives of the tribe Helleboreae.
Visnyk Kyiv.un. no.2 Ser.biol. no.1:27-33 '59. (MIRA 16:4)
(HELLEBORE) (BOTANY--EMBRYOLOGY)

KORDYUM, Ye.L. [Kordium, IE.L.]

Comparative embryological study of the crowfoot family (Ranunculaceae D.C). Ukr.bot.zhur. 16 no.1:32-43 '59. (MIRA 12:5)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko i Botanicheskiy sad im. akad. Formina.
(Crowfoot) (Botany--Embryology)

KORDYUM, Ye. L.

Miltiplication processes of endosperm nuclei in Nigella sativa L. [with summary in English]. Ukr.bot.zhur. 14 no.4:40-46 '57. (MIRA 11:1)

1.Kiivs'kiy derzhavniy universitet im. T.G. Shevchenka i Botanichniy sad im. akademika O.V. Fomina.
(Plant cells and tissues)
(Nigella)

KORDYUM, Ye.L. [Kordium, IE.L.]

Data on the distribution of dodder in Domanevka District, Nikolaev Province. Nauk zap. Kyiv. un. 16 no.1:137-139 '57. (MIRA 11:6)
(Domanevka District--Dodder)

KORDYUM, Ye.L.

Aberrations in embryological processes in the case of remote hybridization of makhorka. Bot.zhur. (Ukr.) 12 no.4:26-34 '55. (MLRA 9:3)

1. Botanichniy sad KDU imeni akademika Fomina.
(Tobacco)

KORDYUM, Ye.L. [Kordium, IE.L.]

The pollination and fertilization process in some species of the crowfoot family. Ukr. bot. zhur. 17 no.6:61-67 '60. (MIRA 14:3)

1. Institut botaniki AN USSR, otdel tsitologii i embriologii.
(Crowfoot) (Fertilization of plants)

KORDYUM, Ye.L. [Kordium, IE.L.]

Abnormalities in the structure of the flower in garden forms of the larkspur Consolida ajacis (L.) Schur. Ukr.bot.zhur. 18 no.4:59-62 '61. (MIRA 14:8)

1. Institut botaniki AN USSR, otdel tsitologii i embriologii.
(Larkspur) (Abnormalities (Plants))

KORDYUM, Ye.L. [Kordium, IE.L.]

Polyembryony in Vincetoxicum officinale Moench. Ukr. bot. zhur. 18 no.3:48-54 '61. (MIRA 14:12)

1. Institut botaniki AN USSR, otdel tsitologii i embriologii.
(Polyembryony)
(Vincetoxicum)

KORDYUM, Ye.L. [Kordium, IE.L.]

Conference on the coordination of work on the problem "Flora and vegetation, their historical development, utilization, regeneration, and improvement". Ukr. bot. zhur. 18 no.3:113-115 '61. (MIRA 14:12)

(Ukraine--Botany)

KORDYUM, Ye.L. [Kordium, IE.L.]; ZAYETS, V.A. [Zaiets', V.O.]

Embryology of the petty spurge Euphorbia peplus L. Ukr.bot. zhur. 19 no.5:42-48 '62. (MIRA 16:1)

1. Institut botaniki AN UkrSSR, otdel tsitologii i embriologii.
(Spurge) (Botany--Embryology)

KORDYUM, Ye.L. [Kordium, IE.L.]

Microsporogeresis and characteristics of the development of tapetum in some species of the genus Vincetoxicum Moench. Ukr. bot. zhur. 18 no.5:6-14 '61. (MIRA 17:2)

1. Institut botaniki AN UkrSSR, otdel tsitologii i embliologii.

KORDYUM, Ye.L. [Kordium, IE.L.]; BOYKO, A.P.

Embryology of Gerbera anandria Schultz. Dop. AN URSR no.8:1109-1112 '62. (MIRA 18:2)

1. Institut botaniki AN UkrSSR.

KORDYUM, Ye.L. [Kordium, IE.L.]

Embryological characteristics of the viviparous form of Poa bulbosa L. var. vivipara Koel. Ukr. bot. zhur. 20 no.3:43-53 '63. (MIRA 17:9)

1. Otdel tsitologii i embiologii Instituta botaniki AN UkrSSR.

KORDYUM, Ye. L.

"Comparative cyto-embryological investigation of the Umbelliferae."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

AS UkSSR, Kiev.

KORDYUM, Ye.L.; VELEDNITSKAYA, D.L.

Characteristics of the development of the anther tapetum and microsporogenesis in some representatives of Umbelliferae. Bot.zhur. 49 no.11:1604-1615 N '64. (MIRA 18:1)

1. Institut botaniki AN, Kiyev.

ZOSIMOVICH, V.P., red.otv.; MODILEVSKIY, Ya.S., red.; KOLESNIK, N.N., doktor biol. nauk, red.; KHUDYAK, M.I., kand. biol. nauk, red.; KORDYUM, Ye.L., kand. biol. nauk, red.; KUZNETSOVA, A.S., red.

[Cytology and genetics] TSitologiia i genetik . Kiev, Naukova dumka, 1965. 223 p. (MIRA 19:1)

1. Akademiya nauk URSR, Kiev. 2. Chlen-korrespondent AN Ukr.SSR i Institut botaniki AN Ukr.SSR (for Zosimovich).

USSR / General Biology. Physical and Chemical Biology

Abs Jour: Ref Zhur-Biol., No 18, 1958, 80933.

Author : Kordyumov, G. B., Neyman, M. B., Frank, G. M.
Inst : Not given.
Title : Utilization of Radioactive Isotopes in USSR.

Orig Pub: Atomn. Energiya, 1957, 3, No 11, 465-478.

Abstract: No abstract.

Card 1/1

ACC NR: AP7003003 SOURCE CODE: UR/0020/66/168/006/1245/1247

KORDZADZE, R.A.

Fundamental theorems for singular integral equations with shifts. Dokl. AN SSSR 154 no.6:1250-1253 F '64. (MIRA 17:2)

1. Novosibirskiy gosudarstvennyy universitet. Predstavleno akademikom I.N.Vekua.

L 11867-65 EWT(d) Pg-4 AFWL/ASD(a)-5/AFETR/ESD(dp)/IJP(c)

ACCESSION NR: AP4030773 S/0020/64/155/004/0730/0742

AUTHOR: Kordzadze, R. A. B

TITLE: The general boundary-value problem with shift for second-order elliptic equations

SOURCE: AN SSSR, Doklady*, v. 155, no. 4, 1964, 739-742

TOPIC TAGS: differential equation, elliptic equation, second order kelliptic equation, boundary value problem

ABSTRACT: Let S^+ be a finite domain in the plane $z=x+iy$ and assume that it is bounded by a simple closed Lyapunov curve Γ, where the positive direction along Γ keeps S^+ to the left. Assume that a function $\alpha(t)$ homeomorphically maps the curve Γ onto itself with preservation of direction, has derivative $\alpha'(t)\in H$ that is nonzero everywhere on Γ, and is such that for some fixed natural number n

$$\alpha_n(t) \equiv \alpha[\alpha_{n-1}(t)] = t \quad (\alpha_0(t) \equiv t,\ t \in \Gamma). \qquad (1,1)$$

Consider the differential equation

Card 1/3

ACCESSION NR: AP4030773

$$\Delta u + a(x, y)\frac{\partial u}{\partial x} + b(x, y)\frac{\partial u}{\partial y} + c(x, y)u = 0, \qquad (1,2)$$

where a, b, and c are real analytic functions of their arguments in some domain of definition of equation (1, 2). Throughout the remainder of the article it is assumed that the origin lines in S^+ and that $S^+CS_1^+$, where S_1^+ is the fundamental domain of the equation (1, 2). The A (α_m) problem. Let m be some natural number or zero. It is required to find a real regular solution u(x, y) for equation (1, 2) that is continuous together with its derivatives of order m in $S^+ + T$, satisfies the condition H on T, and satisfies the boundary condition

$$\sum_{\nu=0}^{n-1}\sum_{j,k=0}^{j+k\leq m}\left\{a_\nu^{j,k}(t_0)\,u_{j,k}^+[\alpha_\nu(t_0)] + \int_\tau b_\nu^{j,k}(t_0, \tau)\,u_{j,k}^+(\tau)\,d\tau\right\} = f(t_0)$$

$$\left(u_{j,k}^+(t) = \left(\frac{\partial^{j+k}u}{\partial x^j \partial y^k}\right)^+\right), \qquad (1,3)$$

where $a_\nu^{j,k}(t_0)$, $f(t_0)$ and $b_\nu^{j,k}(t_0, \tau)$ are given real functions with $a_\nu^{j,k}(t_0)$ and $f(t_0)$ in the class H and $b_\nu^{j,k}(t_0, \tau)$ of the form

(1, 4)

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L 11867-65

ACCESSION NR: AP4030773

I. N. Vekua's method (which is not explicityly stated) is used to represent any solution of the $A(\alpha_n)$ problem, conditions under which the $A(\alpha_n)$problem has a finite number of linearly independent (over the reals) solutions are found, and the number of linearly independent solutions is estimated. It is also noted that I. N. Vekua's method can be used to study the $A(\alpha_n)$problem for multiple connected domains. Orig art. has: 16 equations.

ASSOCIATION: Novosibirskiy gosudarstveny*y univeraitet (Novosibirsk State University)

SUBMITTED: 05Dec63 ENCL: 00

SUB CODE: MA NO REF SOV: 005 OTHER: 000

Card 3/3

KORDZADZE, R.A.

Singular integral equations with a shift. Dokl. AN SSSR 160 no.6: 1242-1243 F '65. (MIRA 18:2)

1. Novosibirskiy gosudarstvennyy universitet. Submitted July 7, 1964.

KORDZADZE, T.B.; LOSABERIDZE, An.A.

Calculating arches of dams for temperature according to a multicantilever design. Soob. AN Gruz. SSR 40 no.2:393-399 N '65. (MIRA 19:1)

1. Institut stroitel'noy mekhaniki i seysmostoykosti AN GruzSSR, Tbilisi. Submitted Feb. 12, 1965.

GOGABERIDZE, An.A.; KORDZADZE, P.V.

Design of thick circular arches taking into consideration the flexibility of the support. Soob. AN Gruz. SSR 34 no.2:395-401 My '64. (MIRA 18:2)

1. Institut stroitel'noy mekhaniki i seysmostoykosti AN Gruzinskoy SSR, Tbilisi. Submitted July 10, 1963.

KORDZAIA, M.A.

Histology of the marginal part of the esophagus and stomach in vertebrates (Testudo greca). Trudy Tbil. GU 88:89-98 '63. (MIRA 18:8)

1. Kafedra gistologii Tbilisskogo universiteta.

KORDZAKHIYA, M. O.

772. Чиганиадзе Давид Мелиседекович. Диатометрическое исследование многокомпонентных сплавов. 1941. 58, 8 с. [25] вкл. л., Тбл., илл. (Сообщ. АН Груз. ССР, 1945, № 8, 10).

Защ. 1941, 30.6.

773. Чилашвили Гуран Александрович. [illegible] у ... тов с легкими ядрами. 1954. 90 с.

Защ. 1955, 25.1.

774. Чрелашвили Арчил Георгиевич. Некоторые электрические свойства поликристаллических керамических материалов на основе двуокиси титана. 1955. 221 с. (Инст. физики им. П. Н. Лебедева АН СССР и Инст. физики АН Груз. ССР).

Защ. 1956, 25.1.

775. Чумбадзе Илья Силованович. Об основных энергетических соотношениях в акустике. 1941. 96 с.

Защ. 1941, 30.6.

776. Шадури Ростом Семенович. Об атомной и ионной долях состояний Si—O в кварце. 1954. 78 с.

Защ. 1955, 16.4.

[illegible] Геофизика

777. [illegible] (1933—1945 წლ.). 1951. 98, LII გვ., 12 ნახ.

დაცვა 1953, 30.6.

Беришвили Георгий Павлович. Исследование геомагнитных возмущений за полный период цикла солнечной активности (1933—1945 гг.). 1951. 98, LII с., 12 илл.

Защ. 1953, 30.6.

778. [illegible] 1938—1941 [illegible] 1942. [1], 83 გვ.

დაცვა 1944, 12. 6.

Гунджуа Тарасий Чамович. Градиент потенциала атмосферного электричества в Тбилиси по данным 1938—1941 годов. 1942. [1], 83 с.

Защ. 1944, 12.6.

779. [illegible] 1940. 79, 7 გვ. ტბ.

დაცვა 1940, 23.6.

Кордзахия Митрофан Отиевич. Осадки в Западной Грузии. 1940. 79, 7 с., Тбл.

Защ. 1940, 23.6.

780. [illegible] 50 გვ. ტბ., ილ. ([illegible] ტ. 2, 1936; ტ. 8, 1939).

დაცვა 1943, 16.4.

Курдиани Иосиф Георгиевич. Анализ суточного движения воздуха в Тбилиси. 50 с., Тбл., илл. (Тр. ТГУ, т. 2, 1936; т. 8, 1939).

Защ. 1943, 16.4.

781. [illegible] 1952. 127 გვ. [illegible]

დაცვა 1953, 27.10.

Гонгадзе Давид Николаевич. Некоторые вопросы образования и движения снежных лавин на Кавказе. 1952. 127 с., илл. (Гос. мед. инст. Груз. ССР).

Защ. 1953, 27.10.

782. [illegible] 1953. 72 გვ. [illegible], 180 [illegible]

დაცვა 1954, 2.3.

Чхетия Михаил Александрович. К вопросу о закономерности распределения ветров по алеврографичес-

Dissertation for degree of

Candidate Physico-Mathematical Sciences

Def. at

Tbilisi State U.

N. O. Kordzakhiya

Climatic Behavior of Principal Meteorological Elements of Gruzia

Academy of Sciences of the Gruzin SSR, Physical Geography Series
Vol. 3, No. 1, 1948

From: Monthly list of Russian Accessions
December 1951, Vol. 4, No. 9, p. 10

KORDZAKHIA, M.O.

Variations of mean monthly temperatures in Georgia and synoptic processes causing extreme deviations from the norm. Soob.AN Gruz.SSR 9 no.1:33-40 '48. (MIRA 9:7)
(Georgia--Atmospheric temperature)

KORDZAKHIA, M. O.

Kordzakhia, M. O. "The climate of Inner Cartalinia," (In the heading: M. O. Kordzakhiya), Trudy Geogr. o-va gruz. SSR, Vol I-II, 1949, p. 21-42, (In Georgian, resume in Russian)

SO: U-5241, 17 December, 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

KIKILASHVILI, T.Z.; KORDZAKHIA, M.O.

Mudflows in the Alazani Basin. Trudy Geog. ob-va Gruz. SSR no.3:33-74 '58. (MIRA 12:9)
(Alazani Valley--Landslides)

KORDZAKHIA, M.O.

Current studies on the climate of Georgia. Trudy Geog. ob-va Gruz. SSR no.3:171-182 '58. (MIRA 12:9)
(Georgia--Climate)

ASTAKHOV, N.Ye.; VLADIMIROV, L.A.; GOGISHVILI, K.S.; KORDZAKHIYA, M.O.; MANUASHVILI, L.I.; SOKHADZE, Ye.V.

Physicogeographical characteristics of Upper Imeretia. Trudy Inst. geog. AN Gruz. SSR 10:155-193 '58. (MIRA 12:8)
(Imeretia--Physical geography)

KORDZHAKHIYA, M.O.

Distribution of atmospheric precipitation over Georgian territory. Trudy Geog. ob-va Gruz. SSR 5:183-197 '59. (MIRA 13:11)
(Georgia—Precipitation (Meteorology))

KORDZAKHIA, M.O.

Climate of the Racha-Lechkhumi region. Trudy Inst. geog. AN Grus. SSR 12:103-129 '59. (MIRA 13:10)
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