

KOZLOVSKIY, V. Kh.

Kozlovskiy, V. Kh. [Leningrad, Institut khimii silikatov AN SSSR  
(Institute for Silicate Chemistry, AS USSR)] "Structural Losses in Amorphous  
Dielectrics,"

(The Physics of Dielectrics; Transactions of the All-Union Conference on the Physics  
of Dielectrics) Moscow, Izd-vo AN SSSR, 1958. 245 p. 3,000 copies printed.

This volume publishes reports presented at the All-Union Conference on the Physics of  
Dielectrics, held in Dnepropetrovsk in August 1956, sponsored by the "Physics of  
Dielectrics" Laboratory of the Fizicheskii institut imeni Lebedeva AN SSSR (Physics  
Institute imeni Lebedev of the AS USSR), and the Electrophysics Department of the  
Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University).

AUTHOR: Kozlovskiy, V. Kh.

48-22-3-13/30

TITLE: Structural Losses in Amorphous Dielectrics (Strukturnyye poteri v amorfnykh dielektrikakh)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya, 1958  
Vol. 22, Nr 3, pp. 279-282 (USSR)

ABSTRACT: Dielectric losses in amorphous dielectrics (e.g. in glass) are divided into three types: 1) Conductivity loss, 2) relaxation losses and 3) structural losses. The relaxation losses are caused by the presence of certain additional ions, e.g. alkali. Their nature was investigated both experimentally and theoretically in the works by Skanavi (Ref 1). With respect to structural losses it is observed that they are caused by the nature of the glass-forming oxide. For this reason, the author, when investigating the structural losses, neglects the two first-mentioned types as well as the ions causing them. In the case of lacking relaxing ions, the absorption of the electromagnetic energy by the amorphous dielectricum must be practically of the same nature as its absorption by the crystal. The losses in the glass must be of the resonance type; they then do not depend on temperature. The resonance absorption exists in crystals, however, only with certain frequencies

Card 1/3

## Structural Losses in Amorphous Dielectrics

48-22-3-13/30

within the infrared range and with glass in a large interval of frequency. The cause of these fundamental differences must be found. In an ideal crystal, absorption is connected with two kinds of resonance, viz. according to frequency and according to the wave vector. In the amorphous structure, the forced oscillations are no plane waves and therefore the conception of the wave vector and the restrictions connected here with does no longer exist. Lifshits (Ref 3) investigated the absorption of the electromagnetic energy by the crystal with slightly deranged periodicity. Complicated calculations showed that the interruption of the periodicity leads to the absorption of energy within a range of frequency that would be inactive in an ideal crystal. Concluding, the author states that Frenkel' (Ref 5) tried to explain the temperature-dependant loss-components in glass. He suggested a mechanism for the transformation of the electromagnetic energy of the field into acoustic medium-oscillations at the expense of the metal-ions contained. The calculation of the energy which is lost by the acoustic vibrator (Ref 6) showed, however, that acoustic emission influences the losses only very slightly. The losses are obviously mainly connected with dissipation

Card 2/3

Structural Losses in Amorphous Dielectrics

48-22-3-13/30

processes. V. A. Ioffe (Ref 4) presumed that the losses in glass within the range of ultra-high frequencies are caused by the presence of a great number of resonators with frequencies of their own. There are 6 Soviet references.

ASSOCIATION: Leningradskiy institut poluprovodnikov AN SSSR (Leningrad Institute for Semi-Conductors, AS USSR)

AVAILABLE: Library of Congress

1. Dielectric properties--Theory

Card 3/3

Vsesoyuznaya konferentsiya po fizike dielektrikov. 2d, 1955

Fizika dielektrikov; trudy vseroyuznoy konferentsii (Physics of Dielectrics; Transactions of the 2d All-Union Conference on the Physics of Dielectrics; Moscow, Izd-vo AN SSSR, 1960. 512 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Fizicheskiy institut Imeni P.N. Lebedeva. Ed. of Publishing House: Ye.I. Staruchinskaya, Tech. Ed.: I.M. Eruchkina. Editorial Board: (Resp. Ed.) G.L. Shanva, Doctor of Physics and Mathematics (deceased), and E.V. Filippov, Candidate of Physics and Mathematics.

PURPOSE: This collection of reports is intended for scientists investigating the physics of dielectrics.

COVER: The Second All-Union Conference on the Physics of Dielectrics held in Moscow at the Fizicheskiy Institut Imeni P.N. Lebedeva (Physics Institute) from 21-25 October 1955 was attended by representatives of the scientific and technical sectors of the USSR and of several other countries. This collection contains most of the reports presented at the conference and summaries of the discussions which followed. The reports in this collection deal with dielectric properties, losses, and polarization, and with specific dielectric capacitance of various crystals, chemical compounds, and ceramics. Photoconductive electrets, ferroelectric crystals, and various radiation and irradiation effects on dielectrics are investigated. The volume contains a list of other papers presented at the conference. The volume contains a list of other breakdowns of dielectrics, which are dealing with polarization, losses, and breakdowns of dielectrics, which are published in the Journal 'Izvestiya AN SSSR, seriya fizicheskaya, No. 6-8, 1960. No particularities are mentioned.

Aleksandrov, L.M.; L.Ye. Lislov, and I.D. Fridkharz. Temperature Dependence of Certain Ion Dielectrics 21

Filakov, I.S. Specific Inductive Capacitance and Dielectric Losses of Some Organic Materials in Strong High-Frequency Electric Fields at High Temperature (Scientific Journal 'Izvestiya AN SSSR, Seriya fizicheskaya, No. 6-8, 1960. Scientific Research Institute, Tomsk) 25

Discussion 37

Zil'man, I.L. On the Problem of the Static Specific Inductive Capacitance of Heterogeneous Dielectrics (Vsesoyuznyy nauchnoyissledovatel'skiy institut Voronezhskiy selskokhozyaystvennyy institut (Voronezh Agricultural Institute)) 39

Arbangel'skiy, I.V. Dielectric Parameters of Double Liquid Systems in the Critical Region (Vsesoyuznyy nauchnoyissledovatel'skiy institut Voronezhskiy selskokhozyaystvennyy institut) 49

Levany, A.M. Anomalous Dispersion Observed in Some Dielectrics at Audio Frequencies (Voronezh Agricultural Institute) 57

Paras, E.M., and E.I. Lebedeva. Dielectric Properties of Heterogeneous Dielectrics at Super-High Frequencies 65

Discussion 77

Mikhaylov, G.P., and A.M. Lobanov. Study of  $\epsilon'$  and  $\epsilon''$  in Polymers as a Function of Temperature and Super-High Frequencies (Institut fizicheskoy khimii i vysokofrekventnoy fiziki AN SSSR, Leningrad (Institute of High Molecular Compounds, Leningrad)) 91

Bagin, S.M. Dielectric Characteristics ( $\epsilon'$  and  $\epsilon''$ ) of Impregnated Cable Paper in Relation to the Properties of the Composite (Paper and Oil) (Moskovskiy energeticheskiy institut Moscow Power Engineering Institute)) 97

Discussion 105

Koslovskiy, V.Kh. Problems of the Dynamic Theory of Thermal Phenomena in Solids 109

Kurayev, Yu.S., V.A. Kravtsov, Yu.F. Dumeny, and V.V. Pashayev. On the Movement of Dielectric in an Electric Field (Leningradskiy elektrotekhnicheskiy institut imeni V.P. Volynskogo (Leningrad Institute of Electrotechnical Engineering imeni V.P. Volynskogo (Leningrad)) 124

Dmitriyevskiy, D.A., and V.A. Sherevalov. Use of Certain Resonators for Measuring Polymer Dielectric Losses and Specific Inductive Capacitance in Relation to Temperature (Institute of High Molecular Compounds, Academy of Sciences USSR, Leningrad) 132

Sheludov, I.S., and V.K. Fridkin. Photoelectrets and the Electrochromographic Process (Leningradskiy elektrotekhnicheskiy institut imeni V.P. Volynskogo (Leningrad Institute of Electrotechnical Engineering imeni V.P. Volynskogo (Leningrad)) 179

Gubkin, A.M., and V.F. Skazdovskiy. On Charge Stability of Inorganic Electrets (Fizicheskiy Institut Imeni P.N. Lebedeva, AN SSSR, Moscow) 182

KEZLOVSKIY, V.Kh

KOZLOVSKIY, V.Kh.

On the existence of entropy in dynamics systems. Fiz. tver. tela 2  
no.5:922-928 My '60. (MIRA 13:10)

1. Institut poluprovodnikov AN SSSR, Leningrad.  
(Entropy) (Mechanics)

82989

S/181/60/002/008/008/045  
B006/B070

24.7800

AUTHOR:

Kozlovskiy, V. Kh.

TITLE:

A Dynamic Theory of the Deformed Ion Lattices of  
Seignettoelectric Crystals

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 8, pp. 1733-1738

TEXT: The general method of the mathematical description of seignettoelectric phenomena in crystals is based on a development of the lattice energy potential in a power series of the ion displacements, taking into account terms of at least up to the fourth order. As Born has shown, in order to include deformation, terms of order higher than the second have to be considered. In the present work a further development of Born's theory is made for seignettoelectric crystals in which the direction of spontaneous polarization does not coincide with the crystal axes. Since the consideration of ionic vibrations under non-linear forces requires extensive calculations, the author limits his consideration to linear vibrations (taking place in the x-direction). X

Card 1/2

82989

A Dynamic Theory of the Deformed Ion  
Lattices of Seignettoelectric Crystals

S/181/60/002/008/008/045  
B006/B070

The potential energy of the ion is developed in a power series of the displacements along the x-axis and terminated at the fourth order term. Expressions of free energy of seignettoelectrics are obtained as functions of powers of polarization and deformation. The temperature dependence obtained for the coefficients  $P^2$  and  $P^4$  suggests the possibility of phase transitions of the first and the second kind. Finally it is shown that the seignettoelectric properties of a crystal can be related to interaction forces in a crystal lattice (3.9) - (3.11). It is remarked, in conclusion, that a generalization of Born's theory by taking into account anharmonic forces may lead to a correct description of many seignettoelectric properties of crystals. There are 12 references: 10 Soviet and 2 British. ✓

ASSOCIATION: Leningradskiy institut poluprovodnikov AN SSSR  
(Leningrad Institute of Semiconductors of the AS USSR)

SUBMITTED: December 10, 1959 (initially) and January 3, 1960 (after revision)

Card 2/2



KOZLOVSKIY, V.Kh.

Quantum effects in phase transitions in ferroelectric crystals.  
Kristallografiia 6 no.2:225-230 Mr-Apr '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut p'yezoopticheskikh mineralov.

(Ferroelectric substances) (Phase rule and equilibrium)  
(Quantum theory)

8/058/62/000/010/064/093  
A061/A101

24 7/50

AUTHORS: Pliner, Yu. G., Kozlovskiy, V. Kh.

TITLE: On the structure of substances fixing polarization

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 27, abstract 10E204  
("Izv. Leningr. elektrotekhn. in-ta", 1961, no. 46, 303 - 307)

TEXT: The electrostatic energy of a substance (crystalline or amorphous) conserving the polarized state after removal of the external field is calculated on the assumption of the substance being comminuted into submacroscopic regions with different directions of polarization. The calculation is performed by taking account of both the presence of a free charge  $q_f = -\alpha q_p$ , where  $0 < \alpha < 1$ , which partly compensates the polarization charge on the interfaces, and the difference between the effective field in the boundary layer and the field in the bulk. It is found that there is a minimum of energy for a given dimension of the region, and that there is an equilibrium dimension of the region depending on  $\alpha$ .

✓B

V. Kozlovskiy

[Abstracter's note: Complete translation]

Card 1/1

PLINER, Yu. G., starshiy nauchnyy sotrudnik; KOZLOVSKIY, V. Kh.,  
nauchnyy sotrudnik.

Concerning the structure of polarization fixing substances.  
Izv. LETI 59 no.46:303-307 '62. (MIRA 15:10)

(Electrets) (Polarization(Electricity))  
(Dipole moments)

KOZLOVSKIY, V.Kh.

Dynamic theory of rigid lattices of antiferroelectrics.  
Kristallografiia 8 no.6:819-827 N-D'63. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteza  
mineral'nogo syr'ya.

KOZLOVSKIY, V.Kh.

Quantum effects in ferroelectric substances with hydrogen bonds.  
Fiz. tver. tela 5 no.11:3294-3300 N '63. (MIRA 16:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteza  
mineral'nogo syr'ya, Moskva.

L 57031-65 RPT(S)/EP(A) 2/INT(S)/REG(S) Pt-7/P1-4 IIR(c) 30/11/66

ACCESSION NR: AF6016107

UR/0048/65/089/006/0674/0679

AUTHOR: Koglovskiy, V.Kh.

TITLE: Dynamic relaxation of ferroelectric ions in a self-consistent field /Report, 4th All-Union Conference on Ferroelectricity held in Rostov-on-the-Don 18-19 Sept 1964

SOURCE: AN SSSR. Investiya. Ser. fizicheskaya, v.29, no.6, 1965, 674-678

TOPIC TAGS: ferroelectricity, phase transformation, relaxation kinetics, statistical thermodynamics

ABSTRACT: In his theory of ferroelectrics, W.Mason (Phys.Rev.72, 854 1947) considered the jumps of an ion between two minima of a potential well but not the motion of the ion in the minima themselves. In the present paper the author undertakes to describe this motion by means of dynamical equations and to determine its influence on the properties of the ferroelectric. A simple form is assumed for the potential well and the ion is assumed to be influenced in addition by an effective self-consistent field. The free energy is calculated and equa-

Card 1/3

L 57031-65

ACCESSION NR: AP5016107

tions are derived describing a dynamic phase transition corresponding to the change from vibration of the ion within the minima to its vibration over the potential barrier. Equations are also obtained that describe an order-disorder transition which can occur at a temperature below that of the dynamic phase transition. The resonance frequency for infrared absorption decreases as the temperature approaches that of the dynamic phase transition. Such a change of resonant frequency does not occur when the temperature approaches the order-disorder transition temperature. The resonance lines of the ferroelectric phase are doublets; the doublet separation is calculated. The doublet splitting may be absent in the case of rigid crystal lattices such as perovskite. Quantum effects are discussed briefly. It is found that replacing the ion by a heavier isotope increases the activation energy and the relaxation time. This is in agreement with experimental findings of H. Hill and S. Jahnke (Phys. Rev. 136, 1140, 1968). Orig. Art. has: 21 formulas.

Card 2/3

L 57031-65

ACCESSION NR: AF5016107

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteza mineralnogo syr'ya (All-Union Scientific Research Institute of Mineral Raw Materials)

SUBMITTED: 00

ENCL: 00

SUB CODE: 86/24

NR REF SOVI 006

OTHER: 006

Card

3/3



L 57024-65 INT(1)/EPA(1)12/INT(1)/SEC(1)/EPA(1)/SEC(1)-2/EPA(1)/INT(1)  
RE-7/P-11/NOV 65 INT(1) INT(1) CO

ACCESSION NR: AP5016109

UR/0048/65/089/065/0593/0586

AUTHOR: Kozlovskiy, V.Nh.

TITLE: Phase transition in a ferroelectric crystal with domain walls  
Report, 4th All-Union Conference on Ferroelectricity held in Rostov-  
on-the-Don 12-18 Sept 1965

SOURCE: AN BSSR. Izvestiya. Ser. fizicheskaya, v.29, no.6, 1965, 882-886

TOPIC TAGS: ferroelectricity, phase transformation, domain structure,  
free energy

ABSTRACT: The author discusses phase transitions in a ferroelectric  
crystal containing domain walls. The surface energy, including the  
energy of the domain walls, is calculated, and from this is derived an  
expression for the free energy of a slab containing a number of equal-  
ly spaced plane parallel domain walls. At several points in this de-  
rivation the author quotes results from his earlier publications (Zh.  
tekh.fiz.23, 896, 1953; Zh. eksp. i teor. fiz.30, 766, 1956; Kristallografi-

Card 1/5

U. 57024-65

ACCESSION NR: AP0016109

ya 8, 819, 1963) and does not always explain the meanings of the symbols thus introduced. Conditions for equilibrium and for phase transition are derived from the free energy equation. Different situations obtain, depending on the values of the parameters describing the material. 1) If the slab is very thin (from 10 to 100 Å) only the paraelectric state is possible. V. M. Kuznetsov and R. Sommerhalder (Helv. Phys. Acta 26, 603, 1953) arrived at this conclusion in a less rigorous way. 2) There may be a stable polarized polydomain state at low temperatures which passes discontinuously into the paraelectric state at high temperatures. Expressions are given for the transition temperature and the equilibrium thickness of the domains. 3) At low temperatures there may be a metastable single-domain state in addition to the stable polydomain state. In this case the single-domain state ceases to be metastable (becomes unstable) at a lower temperature than the transition temperature to the stable paraelectric state. The metastable single-domain state can be stabilized by placing the ferroelectric slab in a capacitor and short-circuiting the plates. This was first pointed out by V. L. Ginsburg (Zh. eksp. i teor. fiz. 15, 789, 1945). Orig. art. has: 38 formulas.

Card 2/3

57024-65

ACCESSION NR: AP3016208

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy Institut sinteza mineral'nykh syr'ya (All-Union Scientific Research Institute of Mineral Raw Materials)

SUBMITTED: 00	ENCL: 00	SUB CODE: 88/EM
NR REF SOVI: 008	OTHER: 008	

Card 2/3

*Kozlovskiy V.M.*  
IGOSHIN, N.M., inzh.; KOZLOVSKIY, V.M., inzh.

Basic economic problems of the construction organizations in  
designing and building their production bases. Stroi.prom. 35  
no.10:32-34 0 '57. (MIRA 10:10)  
(Construction industry)

BALMASHNOV, Aleksandr Aleksandrovich, kand.istor.nauk; KOZLOVSKIY, V.M.,  
spets.red.; KIRILLOV, O.P., red.; RAKOV, S.I., tekhn.red.

[Soviet trade unions in the struggle for peace] Sovetskie prof-  
soiuzy v bor'be za mir. Moskva, Izd-vo VTsSPS, 1959. 125 p.  
(Trade unions) (MIRA 13:7)

SMIRNOV, Nikolay Aleksandrovich; BUDNIKOV, M.S., prof., doktor tekhn.  
nauk, retsenzent; KOZLOVSKIY, V.M., inzh., nauchnyy red.;  
KAPLAN, M.Ya., red.izd-va; PUL'KINA, Ye.A., tekhn.red.

[Technology of building] Tekhnologiya stroitel'nogo proiz-  
vodstva. Leningrad, Gos.izd-vo lit-ry po stroit., arkhitekt. i  
stroit.materialam, 1959. 376 p. (MIRA 13:3)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury  
SSSR (for Budnikov).  
(Construction industry)

KARPOV, Fedor Fedorovich; KOZLOV, Valer'yan Nikolayevich; VORONTSOV,  
F.F., red.; BORUNOV, N.I., tekhn. red.

[Designer's handbook on wires and cables] Spravochnik po ras-  
chetu provodov i kabelei. Moskva, Gos.energ.izd-vo, 1962. 176 p.  
(MIRA 15:8)

(Electric power distribution--Handbooks, manuals, etc.)

(Electric cables--Handbooks, manuals, etc.)

(Electric lines--Handbooks, manuals, etc.)

KOZLOVSKIY, V.N., kand.med.hauk

Lipoid and protein metabolism in arteriosclerosis. Sov.med. 26  
no.10:10-14 0 '62. (MIRA 15:12)

1. Iz Glavnogo voyennogo gospitalya imeni N.N.Burdenko  
(nachal'nik L.I.Lyalin, glavnyy terapevt M.I.Teodori).  
(ARTERIOSCLEROSIS) (PROTEIN METABOLISM)(LIPID METABOLISM)



KOZLOVSKIY, V.N., kand. med. nauk (Moskva)

Effect of corn oil on some indicators of lipid and protein  
metabolism in atherosclerosis patients. Klin. med. 40 no.11:  
112-115 N°62 (MIRA 16:12)

1. Iz glavnogo voyennogo gospitalya imeni N.N.Burdenko.

KOZLOVSKIY, V. N.

KOZLOVSKIY, V. N.: "Criteria for the completeness of recuperation from Botkin's disease as applied to the conditions of an infectious hospital". Moscow, 1955. Military Faculty of the Central Inst for Advanced Training of Physicians. (Dissertations for the degree of Candidate of Medical Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

KOZLOVSKIY, V.N.

CH  
V The reaction of serum in titration with mercuric chloride. V. N. Kozlovskii (Central Post-Graduate Med. Inst., Moscow). *Laboratorios Delo* 1, No. 3, 10-12 (1956).-- The reaction is based upon the study of the Takata-Ara test. Nonhemolyzed serum (0.5 cc.) is dild. with 1 cc. of saline and titrated with 0.1% HgCl<sub>2</sub> until complete turbidity. The titration must proceed continually with even speed. The results are expressed in the cc. of HgCl<sub>2</sub> soln. necessary to produce complete turbidity (normal--1.5-2.4 cc.; less than 1.3 cc. is pathologic; in cirrhosis of the liver the values vary from 0.8 to 1.3). It is more sensitive than the T-A test.  
A. S. Mirkin

KOZLOVSKIY, V.N.; MERKINA, L.G.

Comparative rating for determining prothrombin Quick-Kudriashov's  
and Borovskaia's methods. Lab.delo no.4:14-15 Jy-Ag '55.(MLRA 8:8)

1. Iz 2-y kafedry terapii (zav.prof. B.E. Votchal) i kafedry  
laboratornoy diagnostiki (zav.prof. Ye.A.Kost) Tsentral'nogo  
instituta usovershenstvovaniya vrachey, Moskva.

(PROTHROMBIN TIME, determination,  
Quick & Borovskaia's methods, comparison)

KOZLOVSKIY, V.N.

Weltman's reaction on modified and simplified by Teuf1 and its  
importance for prognosis in Botkin's disease. Lab. delo  
3 no.2:30-33 Mr-Apr '57 (MLRA 10:5)

1. Iz vtoroy kafedry terapii (zav.-prof. B.Ye. Votchal) TSentral'nogo  
instituta usovershenstvovaniya vrachey, Moskva.  
(MEDICAL TESTS) (HEPATITIS, INFECTIOUS)

KOZLOVSKIY, V.N., podpolkovnik med.sluzhby, kand.med.nauk, MERKINA, L.G.

Borovskii's drip method for determining prothrombin in blood.  
Voen.med.zhur. no.12:66-68 D'57 (MIRA 11:5)  
(PROTHROMBIN, determination,  
Borovskii's drip method (Rus))

KOZLOVSKIY, V.N.

~~KOZLOVSKIY, V.N.~~, kand.med.nauk (Moskva)

Liver prothrombin function test and its prognostic significance  
in Botkin's disease. Klin.med. 35 no.8:100-104 Ag '57. (MIRA 10:11)

1. Iz vtoroy kafedry terapii (zav. - prof. B.Ye.Votchak) Tsentral'-  
nogo instituta usovershenstvovaniya vrachey.

(HEPATITIS, INFECTIOUS

progn. value of prothrombin time)

(PROTHROMBIN TIME

progn. value of determ. in infect hepatitis)

KOZLOVSKIY, Vladimir Nikolayevich; SEMINA, V.F., red.; PECHERSKAYA, T.I.,  
tekh. red.

[Towards our cherished goal] Navstrechu zavetnomu. Irkutsk, Ir-  
kutsкое knizhnoe izd-vo, 1960. 10 p. (MIRA 14:9)  
(Zalari District—Stock and stockbreeding)



KOZLOV, V.P.; FEDOROVA, Ye.O.

Spatial brightness distribution of clouds of the lower layer.  
Izv. AN SSSR. Ser. geofiz. no.7:971-973 J1 '62. (MIRA 15:7)

1. Opticheskiy institut imeni S.I.Vavilova.  
(Clouds)

KOZLOVSKIY, V.S.

Effect of splenectomy on cutaneous and muscular calcium and sodium.  
Fiziol. zh. SSSR 38 no.6:734-738 Nov-Dec 1952. (CML 23:4)

1. Biochemical Laboratory of Donetsk Institute of Work Physiology, Stalino.

**KOZLOVSKIY, V.S.**

Simple method of quantitative determination of whole proteins  
and of protein fractions in blood serum. Sovet med. 17 no.3:42-  
43 Mar 1953. (GML 24:2)

1. Head of the Clinical Laboratory of Denets Institute of Work Phy-  
siology.

KOZLOVSKIY, V.S.

Determination of protein fractions in blood plasma following intensive xanthoprotein reaction. Ter. arkh., Moskva 25 no.2:62-65  
Mar-Apr 1953. (GIML 24:3)

1. Candidate Medical Sciences. 2. Of the Biochemical Laboratory of  
Donets Institute of Work Physiology.

KOZLOVSKIY, V.S.

~~Remarks on Professor N.A. Vigdorichik's article "Pneumoconiosis and silicosis."~~  
Remarks on Professor N.A. Vigdorichik's article "Pneumoconiosis and silicosis." Gig. i san. no. 5:48-49 My '54. (MIRA 7:5)

1. Iz Konetskogo instituta fiziologii truda.  
(Lungs--Dust diseases) (Vigdorichik, Nikolai Abramovich, 1874- )

KOZLOVSKIY, V. S.

ZHISLIN, L.E.; KOZLOVSKIY, V.S.; SENDEROVA, N.Ya.

Anthracosis as an independent form of pneumoconiosis. Terap.  
arkh. 26 no.3:61-67 My-Je '54. (MLRA 7:9)

1. Iz Donetskogo nauchno-issledovatel'skogo instituta fiziologii  
truda (dir. L.E.Zhislin)  
(PNEUMOCONIOSES,  
anthracosis as independent clin. entity)

KOZLOVSKIY, V.S.

Decomposition of slate in aqueous solvents, in blood plasma and in the animal organism. Biul. eksp. biol. i med. 38 no.7:41-45 J1 '54.

(MLRA 7:8)

1. Iz biokhimicheskoy laboratorii (sav. kandidat biol. i med. nauk V.S.Kozlovskiy) Donetskogo nauchno-issledovatel'skogo instituta (Stalino)

(SILICON,

silicates, decomposition in aqueous solvents, blood plasma & organism in animals)

(BLOOD,

decomposition of silicates)

*KOZLOVSKIY V.S.*

KOZLOVSKIY, V.S., kand.med.nauk

Denaturing effect on proteins of finely dispersed dust of phenolic plastics (phenoplast, carbolite). Vrach.delo supplement '57:101 (MIRA 11:3)

1. Stalinskiy institut fiziologii truda.  
(PLASTICS--HYGIENIC ASPECTS) (PROTEINS)



CA

12

Hygienic evaluation of sulfoformite. I. V. Svershkov and V. S. Kozlovskii (Ukrain. Nutrition Research Inst., Kiev). *Trudy Inst. Zhivot. Khim.* 11, No. 6, 36-7 (1946).—Sulfoformite method of fruit preservation was found to be satisfactory for "dry" sulfite treatment of the fruit. No accumulation of N oxides in the treatment chamber was noted, when the following mixt. was used as the SO<sub>2</sub> source: 72% S, 18% NaNO<sub>2</sub>, 10% sawdust. G. M. K.

1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      1ST AND 2ND ORDERS

*ca*      *11F*

**Humoral effect of the spleen on migration of calcium and sodium from the skin and muscular tissue.** Y. S. Kozlovskii. *Byull. Eksp. Biol. Med.* 23, No. 2, 110-113 (1947). The effect of splenectomy on the Ca, Na, P, K, Mg, and Cl contents of the serum were studied. Ca and Na showed an increase 24 hrs. after splenectomy, rose to a max. after 2 weeks, and was still noticeable after 40 days, after which they dropped to normal. A control expt. without splenectomy did not show any change in Ca and Na levels. After splenectomy P, Mg, and Cl contents of the serum did not show quant. changes. Injection of spleen exct. or transplantation of spleen tissue after splenectomy soon reduced the quantity of serum Ca and Na. After removal of the transplant the Ca and Na levels again increased while the Ca and Na contents of skin and muscular tissue decreased. After transplantation or injection of spleen exct., the Na and Ca contents of the skin and muscle again increased to normal. Therefore, hypercalcemia and excess Na in the serum due to splenectomy have their source in migration of Ca and Na from the skin and muscle into the serum.

W. R. Eichler

ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      1ST AND 2ND ORDERS

1ST AND 2ND ORDERS      3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

ca      114

Influence of the spleen on migration of calcium and sodium from skin and muscle. V. S. Kozlovskii. *Tr. Akad. Nauk SSSR Ser. Med. Biol. Sci.* 1955, 1: 1-4. See C.A. 42, 904d. W. R. Henn

ASA-ILA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS      3RD AND 4TH ORDERS

1ST AND 2ND ORDERS      3RD AND 4TH ORDERS

KOZLOVSKIY, V. S.

PA 42/49T47

USSR/Medicine 7 Gynecology  
Medicine - Tolnylene Blue

Jan/Feb 49

"The Utilization of Tolnylene Blue Instead of Brilliant Green in Obstetrical and Gynecological Practice," V. S. Kozlovskiy, Cand Med Sci, Chair of Pharmacool, Belotserkov Vet Inst, 2 p

"Akusher i Ginekoi" No 1

Brilliant green, substance widely used in obstetrical and gynecological practice, is on the critical list. Experiments have shown that tolnylene blue is a satisfactory substitute. Describes how

42/49T47

USSR/Medicine - Gynecology (Contd)

Jan/Feb 49

Concludes that tolnylene blue does not cause as much reaction as brilliant green.

42/49T47

KOZLOVSKIY, V. S.

PA 56/49T54

USSR/Medicine - Coriander and Eucalyptus      Feb 49

Oils  
Medicine - Surgery

"The Problem of Treating Wounds With Essential Oil  
of Coriander and Eucalyptus," V. S. Kozlovskiy, Cand  
Med Sci, Lab of Path Phys, Ukrainian Cen Sci Res  
Inst of Orthopedics and Traumatol, 5 pp

"Khirurgiya" No 2

Experiments conducted on rabbits and Guinea pigs with  
coriander and eucalyptus oils showed that application  
of the oils to the wound surface speeds healing  
process and prevents purulence in a number of cases.  
In one case of uncloned amputations on six rabbits,  
wounds of the group in which coriander oil was  
used healed in 14-19 days without any purulence,  
while 20-28 days were required in the control  
group. Dir, Lab of Path Phys: Prof N. P. Vashetko  
Dir, Ukrainian Cen Sci Res Inst of Orthopedics  
and Traumatol: Prof N. Ye Dudko.

56/49T54

KOZLOVSKIY, V.S.

20987 Kozlovskiy, V.S. Vilyaniye udaleniya selezenki posleduyushchey yeye perosadki na Soderzhaniiye Natriya i Kal'siya v Kozhe, myshtsaki i syvorotho Krovi. Fiziol. Zhurnal SSSR im Sechenova, 1949, No. 3, s. 349-54

SO: LETOPIS ZHURNAL STATEY# Vol. 28, Moskva, 1949

KOZLOVSKIY, V. S. i LATYSH, A. P.

20092 KOZLOVSKIY, V. S. i LATYSH, A. P. Kolorimetricheskiy sposob opredeleniya obshchego belka v syvorotke krovi, osnovanny na reaktsii Mul'dera. Vracheb. delo, 1949, No. 6, stb. 491-94.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

KOZLOVSKIY, V. S.

"Rapid Colorimetric Method for Determining the Proteolytic Action of the Gastric Juice Ferments," Sov. Med., No. 8, 1949. Lab, Ukrainian Inst. of Traumatology and Orthopedics, -1949-.



KOZLOVSKIY, V. S.

"Effect of Cutting out Tissues and Subsequent Grafting on the Sodium and Calcium Content of the Skin, Muscles and Blood Serum," Fiziol. zhur. SSSR., 35, No. 3, 1949. Chair of Pathol. Physiol, Veterinary Inst. Kiev, -1949-.

KOZLOVENYI, V.S. and LATICH A.P.

6210. Kozlovski V.S. and Latich A.P. Kiev. A simple method for determination of total proteins in serum Klinitscheskaya Meditsina, Moscow 1950, 28/1 (81-3) Tables 1

A colorimetric method is described for the determination of total serum proteins, based on the xanthoproteic reaction.

Fuks-Zagreb

30: Excerpta Medica - Section II Vol. III No. 11

KOZLOVSKIY, V.S.

Substitution of brilliant green with solutions of toluylene blue.  
Sovet.med. no.5:27-28 May 1951. (CIML 20:9)

1. Candidate Medical Sciences. 2. Kiev.

KOZLOVSKIY, V. S.

"The Drug Siccoplacentin (Sikoplatsentin) and Its Effect on the Healing of Wounds",  
Vrachebnoye Delo, No. 7, pp 619-622, 1952.

KOZLOVSKIY V. S.

\*A simple method for determination of the total protein and protein fractions in blood serum (Russian text) SOVETSK. MED. 1953, 3 (42-43) Tables 1

The determination of proteins using the turbidity produced by  $\text{HNO}_3$  in a suitably diluted sample, as described by Shulzew (Sovjetsk. Med. 1947, No. 3 and 1949, No. 6) is used. Fibrinogen is estimated from the difference of the protein content in plasma before and after recalcification, globulins are salted out with sodium sulphate and calculated also from the difference between the original serum and globulin-free filtrate.

Heyrovský - Prague

SO: <sup>C</sup>EXERPTA MEDICA, Section II Vol. 7 No. 11

1. KOZLOVSKIY V.S.
2. USSR (600)
4. Sodium
7. Effect of splenectomy on calcium and sodium content in the skin and muscular tissue in animals, Fiziol. zhur. 38 no.6, 1953.
  
  
  
  
  
  
  
  
  
  
9. Monthly List of Russian Accessions. Library of Congress, April 1953, unclass.

USSR/Medicine

Card 1/1 Pub. 86 - 29/40

Authors : Kozlovskiy, V. S. Cand. of Biolog. and Med. Sc.

Title : The toxicity of prune, cherry and apricot pits

Periodical : Priroda 3, 112-113, Mar 1954

Abstract : A warning is given against the consumption of the kernels from prune, cherry and apricot pits, because of their high poisonous effects. It is explained that these pit kernels contain amygdalin glucoside, which, under the effect of the digestive fermentations in the gastric-intestinal tracts decompose into glucose and poisonous hydrocyanic acid. The toxicity of these kernels may sometimes prove fatal.

Institution : .....

Submitted : .....

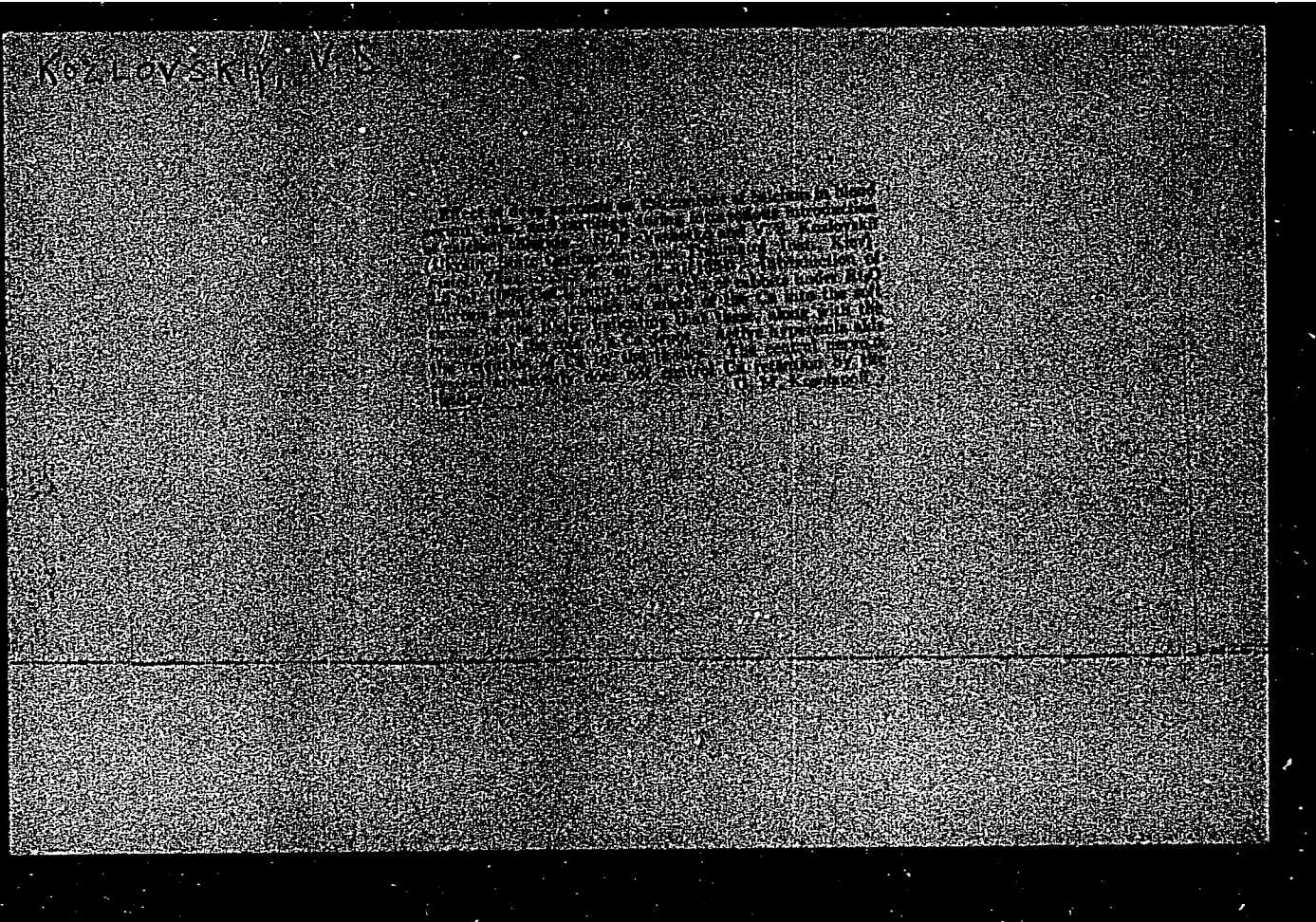
KozLOVSKIY, V. S.

**U S S R .**

The effect of lymphoid tissue upon calcium metabolism. V. S. Kozlovskii (Sci. Research Inst. Orthopedics and Traumatology, Kiev). *Dokl. Akad. Nauk SSSR*, 38, No. 9, 42-4 (1964). In previous investigations it was established that exts. obtained from lymph nodes affect the Ca content of the skin, muscles, and serum. A similar observation was made while studying the effect of the ext. upon the Ca of the aliphoid cartilage and the compact mass of femur. Rabbits with normal serum Ca were used as test animals. Following the ext. injection the cartilage Ca increased 13.1%, that of the femur only 1%. The ext. also affected the Ca of splenectomized animals, causing an increase of 27% in the aliphoid cartilage and 7.3% in the femur. A callus formed after exptl. noncomplicated fracture of the anterior extremities contained 20% more Ca than the bones of controls.

A. B. Mirkin





KOZLOVSKIY, V. S., LOYEVSKIY, M. L., ROVENSKAYA, U. M., SHIL'GA, M. I.,  
SHCHERBAKOVA, O. I., BUKHAROVA, P. A., YARYSAGAYEVA, N. T., CALINA, E. A.

"Pneumoconiosis in workers engaged in underground work  
in coal mines, and means of its prophylaxis."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists  
and Infectionists, 1959.

KOZLOVSKIY, Ye. A.

Using steel shot in air drilling of test wells. Razved. i  
okh. near 25 no.12:36-39 D '59. (MIRA 13:6)

1. Komsomol'skaya ekspeditsiya.  
(Boring)

KOZLOVSKIY, Ye. A. Cand Tech Sci -- "Study of shot drilling with air cleansing  
of the <sup>stee</sup> ~~road~~ <sup>ore region</sup> ~~road~~ (According to the example of Myao-Chanskiy ~~road~~). Mos, 1961  
(Min of Higher and Secondary Specialized Education RSFSR. Mos Geological Pros-  
pecting Inst im S. Ordzhonikidze). (KL, 4-61, 197)

189  
~~248~~

KOZLOVSKIY, Ye. A., inzh., red.

[Summaries of reports at the Second Technical Conference of Innovators, Efficiency Experts, and Outstanding Workers held by the Komsomol'skaia Expedition (February 17-18, 1960)]  
Tezisy dokladov na II tekhnicheskoi konferentsii novatorov, ratsionalistov iperedovikov proizvodstva Komsomol'skoi ekspeditsii (17-18 fevralia 1960 g.). Pod red. E. A. Kozlovskogo. Moskva, 1960. 102 p. (MIRA 14:12)

1. Tekhnicheskaya konferentsiya novatorov, ratsionalistov iperedovikov proizvodstva Komsomol'skoy ekspeditsii. 2d, 1960. (Prospecting--Congresses)

XXXXXXXXXX

The United States of America has the honor to acknowledge the receipt of  
the letter of the Ministry of Foreign Affairs of the People's Republic of China,  
dated 10/10/85, regarding the above-mentioned matter.

The United States of America has the honor to acknowledge the receipt of the  
letter of the Ministry of Foreign Affairs of the People's Republic of China,  
dated 10/10/85, regarding the above-mentioned matter.

KOZLOVSKIY, Ye.A.

Development of wells in shot drilling with air circulation.  
Razved. i okh.nedr 31 no.4:20-23 Ap '65.

(MIRA 19:1)

1. Komsomol'skaya ekspeditsiya, Komsomol'skiy rudnyy rayon.

E 61113-65 DT(a)/DT(b)/DT(c)/DT(d)/DT(e)/DT(f)/DT(g)/DT(h)/DT(i)

UR/0286/65/000/012/0115/0115

ACCESSION NR: AF501919

AUTHOR: Korlovskiy, IG. N.

TITLE: A device for damping vibrations. Class 87, No. 172258

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 145

TOPIC TAGS: vibration, vibration damping, mechanical vibration

ABSTRACT: This Author Certificate presents a device for damping vibrations transmitted to the handle of a hand operated instrument such as a perforator. The device consists of a system of levers and springs (see Fig. 1 on the Enclosure). To dampen the vibrations, a system of levers is constructed in the form of a parallelogram, the lateral links of which are connected with spring-loaded shafts installed in the directing grooves within the internal cavity in the handle. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 1502161

NO REF SOV: 000

ENCL: 01

OTHER: 000

SUB CODE: 1E

Card 1/2



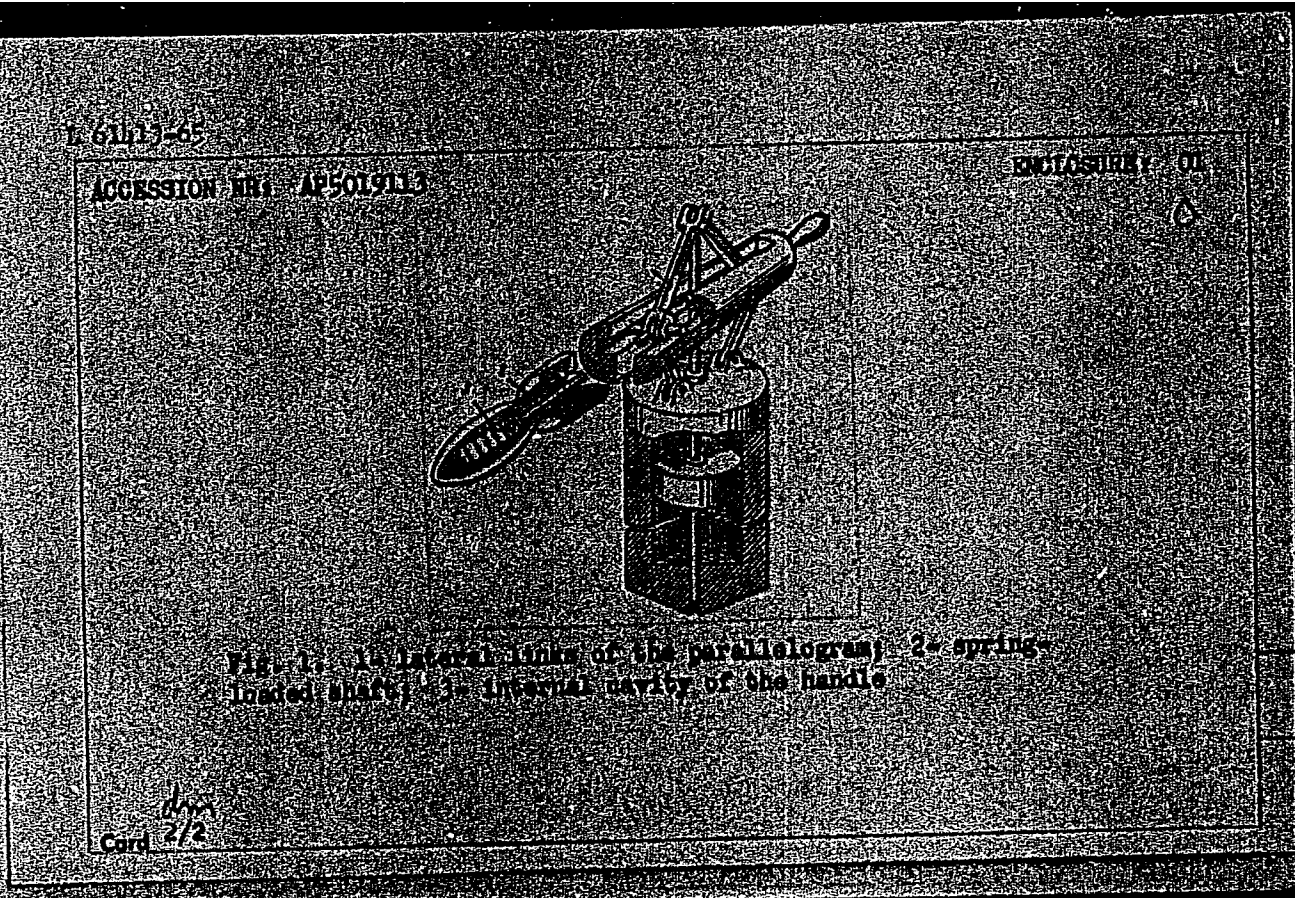


Fig. 1. 1- interval joints of the parallelogram; 2- spring-loaded shaft; 3- interval cavity of the handle

BOBOVICH, Irina Mikhaylovna, dotsent; PAZHITNOVA, Tat'yana Konstanti-  
novna, dotsent; KOZLOVSKIY, Ye.S., prof., doktor ekon. nauk,  
otv. red.; VOSTOKOVA, E.S., red.; VODOLAGINA, S.D., tekhn. red.

[Lectures on the history of the national economy of the U.S.S.R.;  
the era of capitalism] Lektsii po istorii narodnogo khoziaistva  
SSSR; epokha kapitalizma. Leningrad, Izd-vo Leningr. univ.,  
1961. 150 p. (MIRA 14:5)

(Russia--Economic conditions)

KOZLOVSKIY, Ye. V.

"The Catalytic Activity of Brucellae," Sbornik Trudov Khar'kovskogo Veterinarnogo Inst. (Collection of the Works of the Khar'kov Veterinary Institute), Kharkov, Vol 21, 1952, pp 202-210.

KOZLOVSKIY, Ye.V., kandidat biologicheskikh nauk.

Materials on the problem of Brucella migration. Sbor. trud. Khar'.  
vet. inst. 22:232-247 '54. (MIRA 9:12)  
(Brucellosis)

KOZLOVSKIY, Ye. V.

KOZLOVSKIY, Ye. V.= "Material on the problem of the migration and type variability of the causative agents of brucellosis in agricultural animals." Min Higher Education Ukrainian SSR. Khar'kov Veterinary Inst. Khar'kov, 1956. (Dissertations for the Degree of Doctor in Biological Sciences).

SO: Knizhnyy Setopis' No. 22, 1956

*KOZLOVSKIY YE. V.*

ALICHKIN, S.L.; AGRINSKIY, N.I.; ANDREYEV, G.F.; BAKUMENKO, G.D.;  
VORONTSOV, S.M.; VOYSTRIKOV, I.V.; GRADYUSHKO, G.M.; ZYKOV, A.V.  
IVANOVTSSEV, P.V.; KINBURG, M.Ya.; KOVALEV, P.A.; KOZLOVSKIY, Ye.V.  
KORNIYENKO, A.P.; KOLYAKOV, Ya.Ye.; LAKTIONOV, A.M.; LEVADNIY, B.A.  
MEDVEDEV, I.D.; NOVIKOV, N.V.; ORLOV, F.M.; OSTROVSKIY, A.A.;  
ORTSEV, V.P.; PENIONZHKO, A.M.; POLOZ, D.D.; PRITULIN, P.I.;  
PETUKHOVSKIY, A.A.; ROGALEV, G.T.; RYBAK, P.Ya.; SUTYAGIN, G.P.  
TUKOV, R.A.; KHAVCHENKO, D.F.; CHERNETSKIY, T.I.; SHPAYER, N.M.  
SHUSTOVSKIY, F.A.

Nikolai Vasil'evich Spesivtsev. Veterinariia 35 no.2:96 F '58.  
(MIRA 11:2)  
(Spesivtsev, Nikolai Vasil'evich, 1901-1957)

KOZLOVSKIY, Ye.V., prof., doktor; KORZHEVENKO, G.N., kand.vet.nauk

Comments on A.M. Laktionov and B.M. Obukhov's article "Chen-chiu  
therapy (acupuncture)." Veterinaria 35 no.8:64-66 Ag '58.  
(Acupuncture) (MIRA 11:9)

KOZLOVSKIY, Ye.V.

Attachment to the RPT-2 spreader for applying lime materials.  
Biul.tekh.-ekon.inform. no.1:62-63 '60. (MIRA 13:5)  
(Fertilizer spreaders)



DOGANOVSKIY, M.G.; BARDOVSKIY, A.B.; KOZLOVSKIY, Ye.V.

The DVSSh-16 fertilizer loader and spreader with a self-propelled chassis. Biul.tekh.-ekon.inform. no.9:72-74 '61. (MIRA 14:9)  
(Fertilizer spreaders)

KOZLOVSKIY, Ye.V., inzh.

Problems concerning the operation of a centrifugal disc. Mekh. i  
elek. sots. sel'khoz. 20 no.1:41-42 '62. (MIRA 15:2)

1. Severo-Zapadnoye otdeleniye Vserossiyskogo nauchno-issledo-  
vatel'skogo instituta mekhanizatsii i elektrifikatsii sel'skogo  
khozyaystva.

(Agricultural machinery)

TRUBIN, B.G., prof.; LUR'YE, A.B.; GRIGOR'YEV, S.M.; IVANOVICH,  
E.M.; MEL'NIKOV, S.V.; ANTIPIN, V.G., kand. tekhn. nauk,  
retsenzent; VOLKOV, B.G., kand. tekhn. nauk, retsenzent;  
MULLAYANOV, R.G., kand. tekhn.nauk, retsenzent; OVSYUKOV,  
V.N., kand. tekhn. nauk, retsenzent; BELYAYEV, A.S., st.  
nauchnyy sotr., retsenzent; KOZLOVSKIY, Ye.V., inzh.,  
retsenzent; TRAK, E.E., inzh., retsenzent; SIMONOVSKIY, N.Z.,  
red.izd-va; SPERANSKAYA, O.V., tekhn. red.

[Agricultural machines; theory, design, and calculations]  
Sel'skokhoziaistvennyye mashiny; teoriya, konstruktziya i raschet.  
Pod red. B.G.Turbina. Moskva, Mashgiz, 1963. 575 p.

(MIRA 16:5)

1. Nauchno-issledovatel'skiy institut mekhanizatsii i elektro-  
fikatsii sel'skogo khozyaystva Severo-Zapada (for Antipin, Volkov,  
Mullayanov, Ovsyukov, Belyayev, Kozlovskiy, Trak).

(Agricultural machinery--Design and construction)

KOZLOVSKIY, Yu.G.

Calculous pyonephrosis connecting with the duodenum. Urologia  
no.4:59-60 '61. (MIRA 14:11)

1. Iz 1-y dorozhnoy bol'nitsy Kazakhskoy zheleznoy dorogi  
Alma-Aty (nach. A.G. Sergazin).  
(CALCULI, URINARY) (DUODENUM)

KOZLOVSKIY, Yu.G.

Three cases of urethro-venous reflux. Zdrav.Kazakh. 22 no.3:55-  
57 '62. (MIRA 15:12)

1. Iz urologicheskogo otdeleniya bol'nitsy No.1 Kazakhskoy  
zheleznoy dorogi, Alma-Ata.  
(URETHRA--RADIOGRAPHY)

KOZLOV, L.I.; KOZLOVSKIY, Yu.G.; KALMYKOV, A.S.; ROZIN, M.A.,  
red.; PROKOF'YEVA, L.N., tekhn. red.

[Handbook on practical exercise in the mechanization of  
production processes in animal husbandry] Praktikum po  
mekhanizatsii proizvodstvennykh protsessov v zhiivotnovod-  
stve. Moskva, Sel'khozizdat, 1963. 271 p.

(MIRA 17:1)

(Stock and stockbreeding--Equipment and supplies)  
(Farm mechanization--Study and teaching)

KOZLOVSKIY, Yu.G.

Case of xanthine calculi in the kidney. Urologia no.6:47  
N-D '63. (MIRA 17:9)

1. Iz 2-y rayonnoy bol'nitsy Sovetskogo rayona Alma-Aty (glavnyy  
vrach B.Ye. Babitskiy).

*Kozlovskiy Yu.I.*

GREBENSHCHIKOV, V.S.; GOL'DSHTEYN, V.S.; KOZLOVSKIY, Yu.I.

Cold cutting of small-module gear wheels. Stroi. i dor. mashinostr.  
3 no.1:35-38 Ja '58. (MIRA 11:1)  
(Gear-cutting machines)



L 13244-66 EWA(j)/EWA(b)-2 R0

ACC NR: AP6006046

SOURCE CODE: CZ/0053/65/014/004/0296/0296

AUTHOR: Inczinger, F.; Gaganova, A.; Zackova, P.; Kozlovsky, J.; Bozner, A. 323

ORG: Department of Pharmacodynamics and Toxicology, Faculty of Pharmacy, Comenius University, Bratislava (Katedra farmakodynamiky a toxikologie Farmaceutickej fak. UK)

TITLE: Effect of ATP spofa on biochemical functional and structural changes in the experimental model of hypertrophied rat myocardium [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 296

TOPIC TAGS: organic phosphorus compound, heterocyclic base compound, myology, carbohydrate, rat, biochemistry, animal physiology

ABSTRACT: At 0.12 mg /rat s.c., adenosine triphosphate statistically significantly decreases the cardiac hypertrophy brought about by daily swimming with a handicapping weight added of 8% of body weight, for 9 days. Residual and total glycogen increased significantly after ATP. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 002

Card 1/1

CZECHOSLOVAKIA

KOZLOVSKY, J.; INCZINGER, F.; FERDOVA, J.; Chair of Pharmacodynamics and Toxicology, Pharmaceutical Faculty, Comenius University (Katedra Farmakodynamiky a Toxikologie, Farmaceutickej Fakulty UK), Bratislava.

"The Effect of ATP Spofa on Experimental Hypertrophy of the Rat Cardiac Muscle. IV. Analysis of Nucleic Acids and Free Nucleotides."

Prague, Ceskoslovenska Farmacie, Vol 15, No 8, Oct 66, pp 406-409

Abstract [Authors' English summary modified]: Hypertrophy of the cardiac muscle was induced in rats by daily swimming for 52 days; after 18 days ATP was administered to a group of them. Changes in desoxyribonucleic acid phosphorus, ribonucleic acid phosphorus, guanosine triphosphoric acid, uridine triphosphoric acid, and adenosine triphosphoric acid are discussed. 2 Figures, 1 Table, 5 Western, 4 Czech, 1 Russian, 2 Hungarian references. (Manuscript received 30 Mar 66).

1/1

AUTHOR: ~~Kozlovtssev, I.I.~~ SOV/25-59-1-27/51  
TITLE: Atheistic Education in the Families (Ateisticheskoye vospitaniye v sem'ye)  
PERIODICAL: Nauka i zhizn', 1959, Nr 1, pp 55-60 (USSR)  
ABSTRACT: The article deals with the importance of the education of young people to communism, and with the absolute necessity of eliminating any religious concepts in this connection. There are five drawings.

Card 1/1

KOZLOVTSEV, S.G.

Structure of measurable functions having no asymptotic derivative.  
Dokl. AN SSSR 152 no.3:537-539 S '63. (MIRA 16:12)

1. Predstavleno akademikom A.N.Kolmogorovym.

KOZLOVTSEV, S.G. (Moskva)

Some aspects of the structure of measurable functions. Mat. sbor.  
66 no. 4:483-501 Ap '65. (MIRA 19:6)

KOZLOVTSEV, S.G. (Moskva)

Differential properties of measurable functions. Mat. sbor. 67  
no.2:181-189 Je '65. (MIRA 18:8)

KOZLOVTSEV, S.G. (Moskva)

Structure of measurable functions devoid of an asymptotic  
derivative. Mat.sbor. 63 no. 2:284-308 F '64. (MIRA 17:5)

KOZLOVTSEV, S.G. (Moskva)

Structure of measurable functions. Mat. sbor. 64 no.2:  
275-285 Je '64. (MIRA 17:9)



GORMAN, Ye.A.; VUL'FOVICH, R.D.; LOGACHEVA, V.A.; POLOZOV, A.I.; BERZIN, B.O., kand. tekhn. nauk, inzhener-polkovnik v otstavke, red.; KOZLOVTSEV, V.A., red.; YAKIMOVICH, Yu.K., red.-leksikograf; KUZ'MIN, I.F., tekhn. red.

[German-Russian dictionary of armored force terms] Nemetsko-russkii avtobronetankovyi slovar'. Pod red. B.O.Berzina. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 487 p. (MIRA 14:8)

(German language--Dictionaries--Russian)  
(Tanks (Military science)--Dictionaries)

KOZLOVTSHEV, Ye.

Using automotive transportation in building the Volga Hydroelectric  
Power Station. Avt. transp. 36 no.11:3-5 N '58. (MLBA 11:11)

1. Avtootdel Upravleniya Kuybyshevgidrostroya.  
(Volga Hydroelectric Power Station--Transportation, Automotive)

PLYASKOVA, L. M., kand. med. nauk; SIDOROVA, K. A.; KOZLOVTSEVA, I. G.

Hypervitaminosis D in infants. *Pediatrics* no.4:61-66 '62.  
(MIRA 15:4)

1. Iz kafedry fakul'tetskoy pediatrii (zav. - prof. M. S. Maslov)  
Leningradskogo pediatricheskogo meditsinskogo instituta (dir.  
Ye. P. Semenova) i detskoy ob'yedinennoy bol'nitsy Moskovskogo  
rayona (glavnyy vrach K. A. Koshevaya)

(VITAMINS—D) (HYPERVITAMINOSIS)

KOZLOVTSEVA, Z.I.; MAKAROV, G.N.

Effect of the conditions of coking on the microstructure, electric conductivity, and reactivity of coke. Trudy MKHTI no.28:89-95 '59. (MIRA 13:11)

(Coke--Carbonization)

(Coke)

WILSON, J. L.

Studying the specific surface of these 66 rocks. Study WILLIAMS  
no. 30/08:83-88 164. (M R 17.8)

BAGRINTSEVA, K.T.; KOZLOVESEVA, Z.I.

Determining the methane sorption capacity of reservoir rocks.  
Trudy VNIIGAZ no.20/28:89-97 '64. (MIRA 17:8)

BOBOVICH, Irina Mikhaylovna; KOZLOVSKIY, Ye.S., doktor ekonom.nauk,  
otv.red.; VOSTOKOVA, E.S., red.; SEMENOVA, A.V., tekhn.red.

[Lectures on the history of the national economy of the  
U.S.S.R.; the feudal period] Lektsii po istorii narodnogo  
khoziaistva SSSR; epokha feodalizma. Leningrad, Izd-vo  
Leningr.univ., 1959. 185 p. (MIRA 12:7)  
(Russia--Economic conditions)

COUNTRY: 1 Poland  
CATEGORY 4 Chemical Technology. Chemical Products and Their Applications--Chemical wood products. Hydrolysis \*  
ABS. JOUR. 2 RZKhim., No. 22 1959, No. 79946  
AUTHOR : Kozlow, W. N.  
INSTR. : Not given  
TITLE : The Destructive Distillation of Wood in Quartz-Glass Retorts  
ORIG. PUB. 1 Przemysl Drzewny, No 3, 24-27 (1959)  
ABSTRACT : The wood in the retort is decomposed by the continuous action of a mixture containing 30% steam and 20% of other gaseous products, assuring the production of a sufficiently concentrated solution of calcium acetate and other valuable products from the tar water. The optimum distillation conditions are as follows: size of the wood chips, 150-200 mm; moisture 15%. The use of forced draft in circulating the hot gases heating the retort results in uniform heating of the latter.  
CARD: 1/2 \* industry.



COUNTRY : Poland  
CATEGORY :

K-24

ABST. JOUR. : RZKhim., No. 22 1959 No.

79946

AUTHOR :  
INSTR. :  
TITLE :

ORIG. PUB. :

ABSTRACT : a gradual decomposition of the wood, good tempera-  
ture regulation and circulation of the gases, and  
increases the yield of acetic acid, methyl alcohol,  
tar, and charcoal without impairing the quality  
of the product. The technology of the process and  
the equipment are described.

Yo. Gurvich

02801 2/2

250

KOZŁOWA, E.W.; RADIONOW, W.W.

Pulmonary cancer morbidity. Nowotwory 13 no.3:233-243 J1-S'63.

1. Z Państwowego Instytutu Onkologii im. P.A.Hercena; dyrektor:  
prof. A.N.Nowikow.

\*

KOZŁOWA, O.W., prof.dr

Experiences of scientific division of labor in improving  
industrial management. Przegl techn no.35:10,11 2 S '62.

KOZLOWICZ, Jan

Decrease of soda lye in the production of cut cellulose fibers  
in the Lodz Synthetic Fiber Plants. Przem chem 41 no.5:283.  
My '62.