

KOSEWSKA, L.

4831 684.933.6  
**Kosewska L. The Discoloration of Ham Caused by Gelatin.**  
 „Zmiana barwy szynki spowodowana żelatyną”. *Przemysł Spożywczy*. No. 2, 1955, pp. 70-73, 7 tabs.  
 The discoloration of ham reveals a change of the natural colour into deep pink or orange shaded. The surface of the ham is excessively dry and rough. A number of factors, which may be considered to cause the discoloration were submitted to analytical investigation. They are: the content of SO<sub>2</sub>, NO<sub>2</sub> present in gelatin; some components of the smoke used during the smoking process; the melting temperature; and finally the pH and RH of different gelatins. It seems that the discoloration results from a prolonged period of swelling and a prolonged dissolving period in some gelatins. The two latter properties of gelatin cause a stronger shade of the natural colour as well as a slight dehydration of the surface of the ham.

MD

KOSEWSKA, L.

✓ 1143

Kosowska L. Microbiological investigation of Yeast Starters Cultivated in the Laboratory.

"Mikrobiologiczne badania o warchkach laboratoryjnych". Przemysl Spozyczy. No. 6, 1956, pp. 243-246, 1 tab.

Both quantitative and qualitative group tests defining this bacteria carried out. Furthermore, direct microscopic examinations were undertaken. An endeavour was made to define the optimum proportion of the number of bacteria to yeast cells in the starters. The negative outcome of investigations concerning the presence of acetic acid bacteria proves that the slight odour of acetic acid is due to the heterofermentation of lactic acid bacteria and not the acetic acid bacteria.

00513R

Investigation of Yeast Starters Cultivated

Przemysl Spozyczy. No. 6, 1956, pp.

Both quantitative and qualitative group tests defining this bacteria carried out. Furthermore, direct microscopic examinations were undertaken. An endeavour was made to define the optimum proportion of the number of bacteria to yeast cells in the starters. The negative outcome of investigations concerning the presence of acetic acid bacteria proves that the slight odour of acetic acid is due to the heterofermentation of lactic acid bacteria and not the acetic acid bacteria.

*[Handwritten signature]*

*[Handwritten initials]*

KOS EWSKA, L.

Country : POLAND H-38  
 Category : Chemical Technology. Food Industry  
 Abs. Jour : Ref Zhur-Zhimiya, No 14, 1959, No 51720  
 Author : Kosowska, L.  
 Institute : -  
 Title : Results of Microbiological Investigations of  
 the 70% Tomato Concentrate Production  
 Orig Pub. : Przetwor. owoc.-warzy. i koncentraty, 1958, 2,  
 No 4, 175-179  
 Abstract : Bacterial content of raw tomatoes after  
 washing and prior to peeling was studied  
 together with that of the pulp in various  
 stages of manufacture, of the finished product  
 of surrounding air, and after canning. It  
 was established that in the heating of pulp  
 up to 20-25° the microorganism content is  
 reduced. Reduction in the microorganism con-  
 tent of air improves quality of the product.  
 Card: 1/2

Country :  
 Category : Chemical Technology H-38

KOSEWSKA, Lidia

Microflora of some tomato pastes and concentrates produced in Poland.  
I. Acta microbiol. pol. 10 no.2:211-219 '61.

1. Z Zakładu Technologii Przetworstwa Owocowo-Warzywnego Instytutu  
Przemysłu Fermentacyjnego w Warszawie.

(FOOD microbiol)

KOSEWSKA, Lidia (Warsaw)

Characteristics of the bacterial microflora of tomato concentrate. Przem ferment i rel 4 no.1:12-19 Ja '65.

KOSEWSKI, E., mgr., inz.

Special automobiles, rendering economic, social and cultural services. Przegl techn 81 no.10:14-17 '60.

KOSGELENKO, I.V.

Diurnal variation of moisture. Trudy Ukr. NIGMI no.7:159-166. '57.  
(Moisture) (MIRA 11:4)

SOV/137-58-7-15528D

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 229 (USSR)

AUTHOR: Kosha-Shomodi, I.

TITLE: Investigation of the Process of Electrolytic Oxidation of Aluminum  
(Issledovaniye protsessa elektroliticheskogo oksidirovaniya  
alyuminiya)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree  
of Candidate of Chemical Sciences, presented to the Leningr.  
tekhnol. in-t im. Lensoveta (Leningrad Institute of Technology  
im. Lensovet), Leningrad, 1958

ASSOCIATION: Leningr. tekhnol. in-t im. Lensoveta (Leningrad Institute of  
Technology im. Lensovet), Leningrad

1. Aluminum--Oxidation 2. Electrolysis--Applications

Card 1/1



KOSHA-SHOMODI, I.

FEDOT'YEV, N.P.; KOSHA-SHOMODI, I.

Solubility rate of the oxide film on aluminum. Zhur.prikl. khim.  
31 no.3:497-500 Mr '58. (MIRA 11:4)  
(Aluminum oxides) (Solubility)

L 40799-65 EWT(m)/EWP(w)/EWA(a)/EPR/T/E P(t)/EWP(z)/EWP(b) Ps-4 LJP(c)  
MJW/JD

ACCESSION NR: AP4048850

S;0133/64/000/011/1033/1037

42  
39  
B

AUTHOR: Gol'dshteyn, Ya. Ya. (Candidate of technical sciences); Vesely, A. (Engineer); Lukash, V. (Engineer); Koshan, V. (Engineer); Stoyanova-Taseva, S. V. (Engineer)

TITLE: Effect of metallurgical factors on the mechanical properties and fatigue strength of 18KhNVA steel

SOURCE: Stal', no. 11, 1964, 1033-1037

TOPIC TAGS: fatigue strength, deoxidation, microalloying, electroslag melting, ductility/ 18KhNVA steel

ABSTRACT: Deoxidizing conditions and microalloying significantly affected the fatigue strength of 18KhNVA steel. Maximum fatigue strength was attained when an increased amount of aluminum (0.8-1 k/T) was used in the final deoxidation, without addition of calcium-silicon to the ladle; the final Al content should be 0.02-0.05%. Such deoxidation pulverized the nonmetallic inclusions and the secondary grain and reduced its growth on heating. The plastic limit  $\sigma_0.005$  and

Card 1/2

L 40799-65  
ACCESSION NR: AP4048659

the fatigue limit  $\sigma_{-1}$  of the 18KhNVA steel  
tempering conditions after hardening. Inci  
180 to 250C increased the value of  $\sigma_{-1}$  by 0.006  
kg/mm<sup>2</sup>, depending on the aging and purity  
1120-1200C had no effect on these properti  
the plastic and ductile properties of the steel  
brittleness by 20-40C and the coefficient of  
cal and structural homogeneity and the low  
sions in the electroslag melted steel, fatigue  
kg/mm<sup>2</sup> can be attained by hardening in oil  
Zhukov participated in conducting . . . . the  
figures and 7 tables.

3  
also depended on the low temperature  
easing the temper temperature from  
by 5-20 kg/mm<sup>2</sup>, and of  $\sigma_{-1}$  by 3-8  
of the steel. Homogenization at  
s. Electroslag remelting increased  
and lowered the threshold of cold  
anisotropy. Due to the higher chemi-  
contamination with nonmetallic inclu-  
e strengths of the order of 60-74  
and tempering at 225-250C. "D. G.  
melting tests." Orig. art. has: 4

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF SOV: 002

OTHER: 008

Card 2/2

KOSHANOV, A.

Structural changes in the branches of the heavy industry of Kazakhstan.  
Vest. AN Kazakh. SSR 20 no.9:21-29 S '64. (MIRA 17:10)

KOSHARKO, K.A. (Novosibirsk)

Role of electrokymography in the diagnosis of hemodynamic changes in the lesser blood circulation in some congenital heart defects. Klin.med. no.7:117-124 '61. (MIRA 14:8)

1. Iz rentgenologicheskogo otdela (nauchnyy rukovoditel' - prof. I.L. Tager) Instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya Akademii nauk SSSR (dir. - prof. Ye.N. Meshalkin).

(HEART--ABNORMALITIES AND DEFORMITIES) (ELECTROKYMOGRAPHY)  
(BLOOD--CIRCULATION)

KOSHARKO, K.A. (Novosibirsk, ul. Vavilova, d.2)

Principles and methods of electrokymography. Vest. rent. i  
rad. 37 no.1:17-23 Ja-F '62. (MIRA 15:3)

1. Iz rentgenologicheskogo otdela Instituta eksperimental'noy  
biologii i meditsiny (dir. - prof. Ye.N. Meshalkin, nauchnyy  
rukovoditel' - prof. I.L. Tager) Sibirskogo otdeleniya AN SSSR.  
(ELECTROKYMOGRAPHY)

KOSHARKO, K.A.

Electrokymographic examination of patients with defects of the inter-auricular septum. Vest. rent. i rad. 39 no.6:7-12 N-D '64.  
(MIRA 18:6)

1. Rentgenovskoye otdeleniye (zav. Ya.S.Ovrutskiy) Instituta eksperimental'noy biologii i meditsiny Sibirskogo otdeleniya AN SSSR, Novosibirsk.

KOSHARKO, Konstantin Antonovich; MESHALKIN, Ye.N., prof., otv.  
red.; BUSHUYEVA, V.N., red.; LOKSHINA, O.A., tekhn. red.

[Electrokymography in the diagnosis of heart defects]  
Elektrokimografii v diagnostike porokov serdtsa. Novo-  
sibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1963. 152 p.  
(HEART—DISEASES) (ELECTROKYMOGRAPHY) (MIRA 16:12)



KOSHARKO, K.A.

Electrokymographic investigation of combined mitral-aortic stenoses. Sov.Med. 27 no.7:16-21 J1'63. (MIRA 16:9)

1. Iz rentgenologicheskogo otdeleniya (zav. Ya.S.Ovrutskiy) Instituta eksperimental'noy biologii i meditsiny (dir. prof. Ye.N.Meshalkin) Sibirskogo otdeleniya AN SSSR.  
(ELECTROKYMOPGRAPHY) (HEART VALVES—DISEASES)

KOSHARKO, K.A.; MIKAYELIAN, A.L.

Electrokymographic localization of aortic stenosis. Grudn. khir.  
4 no.5:46-52 S-0'62 (MIRA 17:3)

1. Iz rentgenologicheskogo otdela Instituta eksperimental'noy biologii i meditsiny (dir. - prof. Ye.N. Meshalkin) Sibirskogo otdeleniya AN SSSR. Adres avtorov: Novosibirsk, ul. Vavilova, dom 2, Institut eksperimental'noy biologii i meditsiny.

KOSHARKO, K.A.; BLAU, Yu.I. (Novosibirsk)

Electrokymographic examination in chronic constrictive peri-  
carditis. Klin.med. 40 no.5:55-61 '62. (MIRA 15:8)  
(PERICARDIUM--TUBERCULOSIS) (ELECTROKYMOGRAPHY)

KOSHARNOV, I. G.

KOSHARNOV, I. G. -- "Certain Problems of Transverse-Rolled Iron." Sub  
6 Oct 52, All-Union Correspondence Polytechnic Inst. (Dissertation  
for the Degree of Candidate in Technical Sciences).

SO: Vechernaya Moskva, January-December 1952

КОЗМАКОВСКИЙ, В. А.

Agriculture

Lumber Taxation Handbook; 10 izd., drop. i perer. Moskva, Gosstatizdat, 1950.

Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

KOSHARNOVSKIY, Nikolay Aleksandrovich, dotsent, kandidat ekonomicheskikh nauk; FEDOROV, B.M., redaktor izdatel'stva; KARASIK, N.P., tekhnicheskii redaktor

[Forest mensuration handbook; tables for conversion into cubic meters, cubic feet and Leningrad standards] Spravochnik po taksatsii lesomaterialov; tablitsy ob'ema lesomaterialov v kubometrakh, kubofutakh i leningradskikh standartakh. Izd. 11-oe, dop. i perer. Moskva, Goslesbumizdat, 1956. 503 p. (MIRA 9:9)  
(Forests and forestry--Tables and ready-reckoners)  
(Lumber trade--Tables and ready-reckoners)

KOSHARNOVSKIY, V. F.

KOSHARNOVSKIY, V. F. --"High Speed Heavy Planing of Steel." \* (Dissertation for Degree in Science and Engineering Defended at USSR Higher Educational Institutions) Min of Higher Education USSR, Kiev Order of Lenin Polytechnic Inst, Chair of Technology of Machine Construction, Kiev, 1955

SO: Koizhnaya letopis', No. 25, 18 Jun 55

\* For Degree of Candidate in Technical Sciences

L 10318-67 EWT(m)/EWP(w)/EWP(k)/EWP(t)/ETI IJP(c) JD  
ACC NR: AP6030446 SOURCE CODE: UR/0420/66/000/006/0128/0131 35  
33

AUTHOR: Kosharnovskiy, V. P.

ORG: None

TITLE: Investigation of the process of chip formation during standard open cutting  
of chemically pure metals 18

SOURCE: Samoletostroyeniye i tekhnika vozdušnogo flota, no. 6, 1966, 128-131

TOPIC TAGS: mechanical metal cutting, periodic system, cutting tool

ABSTRACT: The author studies periodicity in chip formation during open planing of chemically pure metals with respect to their position in the periodic table. The cutting process and chip formation are characterized by the plastic state for metals in groups I, II, III and IV, represented by lithium, potassium, zinc, aluminum, tin and lead. Sequential photographs of the chip formation process and a diagram of the force as a function of the cutting path for zinc show compact chip flow and stability of cutting component  $P_z$ . Metals in group V show brittle-plastic properties during cutting. Open planing of bismuth shows a jointed chip and a double-humped cutting curve. Chemically pure metals in groups VI and VII are characterized by the brittle state during cutting. Open planing of chromium gives a broken chip with variations in  $P_z$  18

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L 10318-67

ACC NR: AP6030446

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from maximum to zero. Metals in group VIII are also brittle with iron and cobalt showing finer chips and more complex cutting diagrams. The data given in this paper may be used for determining variations in cutting force and the work expended in open planing of chemically pure metals and their alloys. Orig. art. has: 8 figures, 1 table.

SUB CODE: 13/ SUBM DATE: None/ ORIG REF: 002

Card 2/2 *BP*

T 16125-66

ACC NR: AP6001129

(N)

SOURCE CODE: UR/0420/65/000/001/0093/0103

AUTHOR: Kosharnovskiy, V. P.

ORG: Kharkov Aviation Institute (Kharkovskiy aviatsionnyy institut)

TITLE: Questions in the problem of further evolution of the study of metal cutting (of hard bodies)

SOURCE: flota, no. 1, 1965, 93-103

Samoletostroyeniye i tekhnika vozdushnogo

TOPIC TAGS: metal cutting, mechanical metal cutting, metalworking

ABSTRACT: The problems associated with the study of general metal cutting processes are qualitatively discussed. Most investigations of metal cutting are performed for very special parameters which simulate a particular industrial cutting situation. Despite the large volume of primarily experimental data which has been collected (the government library imen. V. I. Lenin alone has a bibliography of over 30 000 references on metal cutting), basic understanding and generalized laws of metal cutting are meager in number and quality. To systematize the study of metal cutting and to allow general deductions and conclusions from the

Card 1/2

L 16123-66

ACC NR: AP6004129

data, it is necessary to limit the number of variables and to investigate the influences of individual parameters. The author believes that the study of metal cutting is based on eleven theories: theory of chip formation, mechanics of metal cutting, theory of friction in metal cutting, thermodynamics of cutting, theory of wear of cutters, theory of outer layer formation during cutting, theory of vibrations, theory of metal workability, theory of heating and cooling of the cutting region, theory of optimum cutter geometry, theory of optimum cutting regimes. The author also believes that, since the metal cutting process is a particular case of the general problem of one medium moving in another, some results from more developed fields in this category, i.e., hard object moving in a fluid or gas, could be applicable. Because of the many variables in the cutting process (up to 250 parameters can be important) it is suggested that development of the 11 theories be initiated from simple, well-controlled experiments such as the standard free-cutting experiments conducted by the author (Puti proyektirovaniya rez'tsov novoy geometrii. Trudy Khar'kovskogo aviatsionnogo instituta. Vypusk 19. Izd-vo Khar'kovsk. gos. un-ta., Khar'kov, 1962). Engineer V. D. Akulov and mechanics I. N. Ovsyannikov and V. A. Goncharov participated in these experiments. Orig. art. has: 3 tables and 8 figures.

SUB CODE: 13/

SUBM DATE: none/

ORIG REF: 002

Card 2/2 LC

KOSHARNOVSKIY, Viktor Pavlovich; AFANAS'YEV, V.F., otv. red.;  
KURILOVA, T.M., red.; ALEKSANDROVA, G.P., tekhn. red.

[Metal cutting and metal-cutting tools] Rezanie metallov i metallovezhushchie instrumenty; bibliograficheskii spravochnik. Khar'kov, Izd-vo Khar'kovskogo univ. 1962. 127 p.

(MIRA 15:10)

(Metal cutting) (Metal-cutting tools)

KASHARNOVS.R.I.P. V.P.

8/147/99/000/04/030/030  
8051/8415

AUTHOR: Zolotarev, V.I.

TITLE: The Scientific-Technical Conference at Kharkov Aviation Institute

PERIODICAL: Investive vyznabish uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1959, No. 4, pp 161-165 (USSR)

ABSTRACT: In May 1959, the 16th Conference of Professorial and Teaching Staff took place.

Strength of Aircraft Section.

On the Theory of Bending of Thin-Walled Columns" by Olegent, Candidate of Technical Sciences L.P. Voznesenskiy

"The Simulation of Static Experiments on Thin-Walled Structures" by Candidate of Technical Sciences L.A. Kolerinikov and Senior Instructor V. Zolotarev

"The Bending of Beams Framing an Opening" by Candidate of Technical Sciences L.A. Kolerinikov

"The Influence of the Rigidity of Ribs and Beams on the Bending of the Bending of Rectangular Plates" by Candidate of Technical Sciences V.A. Shalunov

"The Discrete Method of Calculation of the Stiffness of Discrete Variable Stiffness Shells" by Senior Instructor M.I. Gurayev

"The Choice of a Scheme for the Method of Engine Construction Technology" by Senior Instructor V.I. Malozemov

"The Choice of a Scheme for the Method of the Allocation of Welding Processes" by Senior Instructor V.I. Malozemov

"Polishing by an Abrasive Belt" by Senior Instructor Candidate of Technical Sciences V.K. Vereshub

"Investigation of the Operation of a Pneumatic Hydraulic Plant" by Assistant V.I. Malozemov

"A Static Analysis and Calculation of the Feeder of the Feeder of the Processes of Machining" by O.M. Parkhomenko

"Candidate of Techn. Automatic Welding of Long Panels" by Senior Instructor L.F. Kamokov

"Prospects in the Use of a Specialized Computer for the Determination of the Optimum Design of a Cutting Tool" by Decent, Candidate of Technical Sciences V.I. Kabanov

"The Spreading of the Experience of Innovators and the Classification of Organizational Technical Measures in Machine Construction" by Senior Instructor M.M. Apenovich

"Features of Measurement of a Cutting Tool in Fine Sharpening" by Assistant V.I. Malozemov

"An Investigation of the Process of Comminution of High Velocities of Deformation" by Decent, Candidate of Technical Sciences A.K. Baryev

"The Standardization of Lubrication Effects on the Human Organism in Aircraft Production" by Senior Instructor V.D. Ivanov

"Theory and Construction of Aircraft Engines and Propeller-Driven Machines Section. The Investigation of the Flow Between the Inlet and Outlet Valves of a Turbine" by Instructor, Candidate of Technical Sciences V.N. Tereshov

"The Variation in the Stage Parameters of an Axial Compressor in Accordance with the Size of the Problem Clearance" by Assistant A.N. Mamonov

"On the Problem of Non-Stationary Heat Transfer" by Assistant S.D. Frolov

"The Influence of an Electric Field on the Calculation of the Temperature Compensation of Capacitance Pressure Pick-Ups" by Assistant L.V. Altshuler

"Aerohydrodynamic Section. The Control of a Body" by Assistant V.A. Kholovayko

"The Control of the Boundary Layer of a Wing by Perforation of the Leading Edge" by Assistant V.A. Kholovayko

"The Gas-Hydraulic Analogy and its Application" by Senior Instructor D.A. Buzhitskiy

"The Aerodynamic Investigation of Mini-profiles for Small Horizontal Sumbars" by Engineer M.F. Kalka

Card 5/11

Card 6/11

Card 7/11

24

KOSHARNYY, I.Ya. [Kosharnyi, I. Ia.]; PIDPRIGORSHCHUK, M.V.; GAPSHENKO, I.I.;  
SKRIPNIK, K.I.; KASHCHBYEV, I.A., red.; KUTSENKO, V.P., red.;  
NIKOLAYENKO, V.S., red.; POTAYCHUK, I.M. [Potaichuk, I.M.], vidp.  
red.; SKNDZYUK, F.L., red.; FOGT, V.Ya., tekhn. red.

[Soviet Drohobych Province] Radians'ka Drohobychchyna. Drohobych,  
Drohobychs'ke obl. vyd-vo, 1957. 199 p. (MIRA 11:8)  
(Drohobych Province)

BOTVINIK, M.M.; ANDREEVA, A.P. [Androyeva, A.P.]; KOSHAROVA, L.M.

New reactions of O-peptides of  $\beta$ -hydroxy amino acids: Formation of N-peptide bonds by reaction of O-aminoacyl derivatives. Coll Cz Chem 27 no.9:2244-2245 S '62.

1. Moscow State University, U.S.S.R. (for Botvinik). 2. Institute for Chemistry of Natural Products, Academy of Sciences of U.S.S.R. (for Kosharova).

KOSHAROVSKIY, B.N., inzhener.

For unified standards for groups of related household items.  
Standartizatsiia no.2:84-85 Mr-Ap '56. (MLRA 9:5)

1. Vsesoyuznaya trgovaya palata.  
(Kitchen utensils--Standards)



AUTHOR: Kosharovskiy, B.N., Mechanical Engineer SOV-25-58-9-32/62

TITLE: U.K.M. (U.K.M.)

PERIODICAL: Nauka i zhizn', 1958, Nr 9, p 65 and p 4 of centerfold (USSR)

ABSTRACT: The All-Union Chamber of Commerce is exhibiting a small-size model of a universal kitchen machine - UKM (Universal'naya Kukhonnaya Mashina) constructed in the factory of the Moscow Sovnarkhoz. This machine can be used for various kitchen operations, as peeling potatoes, cutting vegetables, preparing fruit juices, etc. There are 9 photos.

1. Kitchens--Equipment 2. Food--Preparation

Card 1/1

KOSHAROVSKIY, B.; CHEREPAKOVA, E.

This is a matter for the economic councils. Rabotnitsa 36  
no.7:21 J1 '58. (MIRA 11:9)  
(Household appliances)

8

SOV/25-59-3-31/46

AUTHOR: Kosharovskiy, B., Mechanical Engineer

TITLE: Automatic Washing Machines (Stiral'nyye avtomaty)

PERIODICAL: Nauka i zhizn' 1959, Nr 3, p 69 (USSR)

ABSTRACT: The author describes a new type of small electrical washing machine produced by the West German firm of "Wamsler".

Card 1/1

KOSHAROVSKIY, B.

What the washing machines will be like. Sov.torg. 33 no.2:  
23-27 F '60. (MIRA 13:5)  
(Washing machines)

KOSHAROVSKIY, M.A., inzh.

Utilization of wastes from the aluminum industry in woodpulp  
manufacture. Bum.prom. [38] no.7:9-10 J1 '63. (MIRA 16:8)

1. Sredne-Ural'skiy sovet narodnogo khozyaystva.  
(Woodpulp industry--Research)  
(Aluminum industry--By-products)

KALDERON, Dimitritsa; KOSHARSKA, Tinka; DRUMEV, Bozhidar, inzh.; BOZHINOV, Sava Filipov; KHRISTOV, Ivan Filipov, uchenik; OVANOVA, Mela, prepodavatelka; MILKOV, Vuliu; NIKOLOV, Jordan Georgiev; SHALAVEROV, Zlati Dimitrov; PASKOVA, Stoika Ivanova; PAVLOV, Pavel Iordanov

During the new school year better achievements. Nauka i tekh z mladezh no.10:3-4,16 '61.

1. Zav. otdel "Srednoshkoluka mladezh" v TSK na DKMS (for Kalderon)
2. Sekretar na zavodskiaa komitet na DKMS v zavod "Stalin", Dimitrovo (for Kosharska)
3. Predsedatel na nauchno-teknicheskoto d-vo i nachalnik biuro "Tekhnicheski progress" v zh. p. zavod "G. Dimitrov" Sofiya. (for Drumev)
4. Sekretar na Okruzniia komitet na DKSM, Plovdiv (for Bozhinov)
5. Selskostopanski tekhnikum v x. Sadovo, Plovdivski okrug (for Khristov, Ivanova)
6. Direktor na MTS s. "Ekzarkh Antimovo" Gurgaski okrug (for Milkov)
7. MTS, Gorna Oryakhovitsa (for Nikolov)
8. Sekretar na Okruzniia komitet na DKMS, Turnovo (for Shalaverov)
9. Bibliotekarka v s. Rudnik, Varnenski okrug (for Paskova)
10. Sekretar na Okruzniia komitet na DKMS, Varna (for Pavlov)

(Education)

BABSKIY, Ye.B., akademik; UL'YANINSKIY, L.S.; KOSHARSKAYA, I.L.

Preautomatic pause as a consequence of the suppression of the automatism of the rhythm conductors of the cardiac ventricles by high-frequency stimulations. Dokl. AN SSSR 150 no.1:203-206 My '63. (MIRA 16:6)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
2. AN UkrSSR (for Babskiy).

(HEART) (ELECTROPHYSIOLOGY)

BABSKIY, Ye.B., akademik; SAL'MANOVICH, V.S.; KOSHARSKAYA, I.L.

Interrelationship between the duration of the phases of cardiac cycle and the rate of pressure change in right and left ventricles.  
Dokl. AN SSSR 161 no.4:986-988 Ap '65. (MIRA 18'5)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.



KOSHARSKIY, B. D.

Spravochnik po priboram teplovogo kontrolya promyshlennykh kotel'nykh. Moskva  
Gosenergoizdat, 1949. 232 p. diagsr.

Handbook of heat-controlling devices in industrial boiler rooms.

DLC: TJ288.K6

86: Manufacturing and Mechanical Engineering in the Soviet Union, Library of  
Congress, 1953

KOSHARSKIY, Boris Davidovich; SELEZNEV, M.A., redaktor; SKVORTSOV, I.M.,  
tekhnicheskii redaktor

[Manual on heat gages and automatic regulators for electric  
stations] Spravochnik po teploizmeritel'nym priboram i avto-  
regulatoram elektricheskikh stantsii. Izd. 2-oe zanovo perer.  
Moskva, Gos. energ. izd-vo, 1955. 352 p. (MLRA 9:3)  
(Heating--Regulators)

*Kosharskiy, B. D.*

USSR/Processes and Equipment for Chemical Industries-- K-2  
Control and measuring devices. Automatic regulation.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10662

Author : Kosharskiy, B. D.

Inst : Not given

Title : Some Problems in the Design of Hydraulic Flow Amplifiers

Orig Pub: Avtomatika i telemekhanika, 1956, Vol 17, No 7, 611-619

Abstract: Hydrodynamic phenomena in flow and flow-valve type amplifiers (A) are discussed. Experimental and theoretical relationships connecting the velocity, pressure, and leakage of the working fluid in flow A are given. A method is described for the calculation of flow A which gives good agreement with experimental data and can be applied to the design of new types of amplifying devices.

Card 1/1

KOSHARSKII, B. D.

796. TEFLONTROL HYDRAULIC BOILER FEED WATER REGULATORS.  
Kosharskii, B.D. (ELECT. STA. (FOR STA., MOSCOW), SEPT. 1955, VOL. 27, 4-7).  
Several types are described with drawings. (1).

AUTHORS: Kosharskiy, B. D., Engineer, S/119/60/000/04/011/014  
Krassov, I. M., Candidate of B014/B008  
Technical Sciences, Shliozberg, Yu. A.,  
Engineer, Yastrebenetskiy, M. A., Engineer

TITLE: Jet Generators for Pressure Vibrations

PERIODICAL: Priborostroyeniye, 1960, Nr 4, pp 27-29 (USSR)

ABSTRACT: Technical data on jet generators for pressure vibrations which are designed for the recording of the dynamic characteristic of pneumatic<sup>3</sup> and hydraulic controllers<sup>3</sup> of industrial installations, are given in the paper under review. The generators described here were built up from mass products by the "Teploavtomat" Works of the Khar'kovskiy sovnarkhoz (Khar'kov sovnarkhoz). Transformer oil is the working substance. The single-stage hydraulic amplifiers 1 and 2 are shown in figure 1. The jet tube is turned periodically to the side by a rotating eccentric, whereby the pressure in a nozzle connected with the element to be investigated depends on the position of the jet tube. A return coupling device is provided in type A (Fig 1a) to ensure the proportionality between the movement of the coupling rod and the position of the jet tube. In type B (Fig 1b) a spring is provided for the balancing of the kinematic system and for adjusting. The relation between the displacement

Card 1/2

85369

S/103/60/021/007/011/014/XX  
B012/B06326.2195  
AUTHOR:Kosharskiy, B. D. (Khar'kov)TITLE: Dynamic Characteristics of the "Jet Amplifier - Slave Mechanism" System <sup>21</sup>PERIODICAL: Avtomatika i telemekhanika, 1960, Vol. 21, No. 7.  
pp. 997 - 1006

TEXT: The purpose of the present work was to determine the main dynamic characteristics of a linearized "amplifier - slave mechanism" system in the range of parameters appearing in industrial objects. Fig. 1 shows the scheme of the elements of a "single-cascade amplifier - slave mechanism" system, which includes a quick-action feedback element because in an immobile mechanism the pressure drop in the inlets of the nozzle plate differs from the pressure drop behind the inlets during the motion of the piston of the operating mechanism. The motion of the jet tube is usually expressed by the differential equation (1). Formula (2) is given for the transmission function of the first element of the scheme, viz., the jet tube. To obtain a

Card 1/ 3

85369

Dynamic Characteristics of the "Jet  
Amplifier - Slave Mechanism" System

S/103/60/021/007/011/014/XX  
B012/B063

complete characteristic of the jet amplifier, the equation representing the pressure change in the inlets with a deflection of the jet tube must be studied. It follows from Ref. 1 that this equation is highly complicated. However, it may be considered to be a linear equation if there is no oil moving in the inlets. According to the experimental data obtained, this characteristic remains unchanged within a wide range of pressure change at the input of the jet tube. Fig. 2 shows the amplitude- and phase-frequency characteristics of this system. The formulas given in this paper were verified by an evaluation of the experimental oscillograms of the system. It may be seen from Fig. 3 that the experimental data agree with the calculated results. Next, the author describes the system "two-cascade amplifier - slave mechanism" which is shown in Fig. 4. This system operates at different pressures in the jet and slide-valve cascades. Fig. 6 shows the frequency characteristics of the second system. An appendix contains the transmission functions, the formulas for the frequency characteristics, and the parameter values of the frequency characteristics of the two systems. One of the greatest advantages of the first system

Card 2/ 3

KRASOV, I.M.; ~~KOSHARSKIY, B.D.~~, retsenzent; AKIMOVA, A.G., red.  
izd-va; SMIRNOVA, G.V., tekhn. red.

[Hydraulic elements in automatic control systems] Gid-  
ravlicheskie elementy sistem avtomaticheskogo regulirova-  
niia. Moskva, Mashgiz, 1963. 160 p. (MIRA 16:4)  
(Hydraulic control)



L 55151-65 EMT(d)/EBC(k)-2/EBC-4/ENP(v)/ENP(k)/ENP(h)/ENP(l) Po-4/Pq-4/

PP-4/Pg-4/Pk-4/Pl-4  
ACCESSION NR AM5005930

BOOK EXPLOITATION

UR  
681.2.002.56

67  
66  
B+1

Kosharskiy, B. D.; Bek, V. A.; Bennovskiy, T.Kh.; Gorckhova, M. S.; Kratoshevskiy, Z. E.; Rabinovich, G. A.; Shlicnberg, U. A.; Frenkel, I. E.

Automatic devices and regulators: handbook material (Avtomaticheskiye pribory i regulatory; spravochnyye materialy) Moscow, Izd-vo "Mashinostroyeniye", 6h. 070h p. illus., fold. diags. Errata slip inserted. 19,000 copies printed

TOPIC TAGS: automatic control, automatic temperature control, automatic pressure control, automatic vacuum control, temperature instrument, pressure measuring instrument, flow meter, liquid level instrument, pneumatic servomechanism

PURPOSE AND COVERAGE: The book describes the equipment used for automatic control, signaling, and regulation of technological processes, and discusses temperature, pressure, and level control devices, hydraulic, pneumatic, electric, and electronic direct-acting regulators. The book is intended for engineering and technical personnel engaged in the design, planning, and operation of automated industrial enterprises, and may prove useful to students at higher and secondary specialized schools.

1/2  
Card

1. GOL'DENTUL, L.; KOSHARSKIY, L.I.
2. USSR (600)
4. Telephone
7. Aid to shift supervisors, Sov. sviaz., No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

KOSHARSKIY, L.I.

KOSHARSKIY, L.I., brigadir.

~~Using a new routing system for through traffic in the Kharkov~~  
long-distance telephone office. Vest.sviazi 17 no.8:18-19 Ag '57.  
(MIRA 10:10)

1.Kommutatornyy tsekh Khar'kovskoy mezhdugorodnoy telefonnoy  
stantsii.

(Kharkov--Telephone stations)

KOSHARSKIY, Nikolay Sergeyevich; IZBURINSKIY, G.I., otv. red.;  
ANDREYENKO, Z.D., red.; TRISHINA, L.A., tekhn. red.

[Economics, organization and planning of wire communication] Ekonomika, organizatsiya i planirovaniye provodnoi svyazi. Moskva, Svyaz'izdat, 1963. 374 p. (MIRA 16:5)  
(Telecommunication)

KOSHARSKIY, V. D.

Textbook on Thermal Control Instruments for Industrial Boilers (Spravochnik po priboram teplogo kontrolya promyshlennykh kotel'nykh), Gosenergoizdat, 1949, 232 pp.

GRIGORENKO, Remir Vladimirovich; KOSHAYEVA, Vera Georgiyevna;  
SHAVERD'YAN, El'vina Georgiyevna; CHECHULIN, A.S., red.;  
BASHMAKOV, G.M., tekhn. red.

[Reader on medicine for foreign students] Kniga dlia chten-  
nii po meditsine dlia studentov inostrantsev; uchebnoe po-  
sobie. Moskva, Medgiz, 1963. 303 p. (MIRA 16:10)  
(MEDICINE--STUDY AND TEACHING)

*KOSHCHAKOV, YE.*

AID P - 757

Subject : USSR/Aeronautics  
Card 1/1 Pub. 135 - 3/15  
Authors : Chernyagov, L., Major and Koshchakov, Ye., Major  
Title : The approach to the landing course  
Periodical : Vest. vozd. flota, 11, 17-21, N 1954  
Abstract : The author analyses errors committed by a jet aircraft in approaching the landing course in bad weather (restricted visibility). He considers various angles of approach and the resulting errors, Diagrams, tables, formulae.  
Institution : None  
Submitted : No date

KOSHCHAVKA, I., povar-pensioner (g.Kiyev)

More on the preparation of fruit dumplings. Obshchestv.pit.  
no.4:24 Ap '61. (MIRA 14:3)  
(Desserts)



00922

3,1720 (1041, 1126, 1127)

S/035/61/000/001/005/019  
A001/A001

Translation from: Referativnyy zhurnal, *Astronomiya i Geodeziya*, 1961, No. 1, p. 45, # 1A339

AUTHORS: Salomonovich, A.Ye., Koshchenko, V.N., Noskova, R.I.

TITLE: On Intensity of Sun's Radio Emission at the 8-mm Wavelength Band

PERIODICAL: "Solnechnyye dannyye", 1959/1960, No. 9, pp. 83-89

TEXT: The authors present the changes of brightness temperature at the 8-mm wavelength during the period from 1957 to 1958. Observations were carried out near Moscow with a 2-m parabolic reflector. The average brightness temperature of the Sun during this period was equal to  $8,000^{\circ}\text{K}$ , the temperature of the quiet Sun was  $6,400 \pm 800^{\circ}\text{K}$ . The correlation coefficient between the brightness temperature and the summary area of sunspots amounts to 0.4. There are 5 references. ✓

N. S.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

KOSHCHENKO, V. N.

Thermal Radiation of the Moon in 10-cm Wave RANGE.

report presented at the International Symposium on the moon, held at the Pulkovo Observatory, Leningrad, USSR, 6-8 Dec 1960.

S/141/61/004/003/003/020  
E33/E435

AUTHORS: Koshchenko, V.N., Kuz'min, A.D., Salomonovich, A.Ye.  
TITLE: Thermal radio emission from the moon in the 10 cm band  
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika,  
1961, Vol.4, No.3, pp.425-427

TEXT: Previous investigations in the 10 cm band have been described by H.L.Kaydanovskiy et al (Ref.1: Transactions of the Fifth Conference on the Problems of Cosmogony, Izd. AN SSSR, M., 1956, p.347) and K.Akabane (Ref.2: Proc. Japan. Akad., 31, 161 (1955)). According to the first, the mean lunar brightness temperature, averaged over the disc, is 130°K with a variation of 8% due to the phase changes. The corresponding values in the second are 315°K and 25% variation. A single measure of 215°K is referred to in the paper of J.H.Piddington and H.C.Minnett (Ref.3: Austr. J. Sci. Res., 4A, 459 (1951)). In order to clear up these discrepancies and to study the variation in thermal radio emission with phase, measurements have been made by the present authors at a wavelength of 9.6 cm. The 22 m telescope of the Lebedev Physical Institute was used; this and the receiver used have been described in earlier work. Antenna temperatures  
Card 1/3

Thermal radio emission from ...

S/141/61/004/003/003/020  
E133/E435

were obtained in the range 132 to 154°K, depending on the phase. Successive scans were made across the lunar disc, systematically displaced from one another. The maximum value thus derived for the antenna temperature corresponded to central passage across the disc. The temperature obtained was averaged over the whole disc. Amplification and scattering coefficients had been obtained earlier from observations of Taurus A (Ref.6: A.M.Karachun et al, Radiotekhnika i elektronika, 6, 430 (1961)). The present observations, made during April - May 1960, gave an average brightness temperature of  $230 \pm 3.5^\circ\text{K}$ . The variation from this average did not exceed  $\pm 1.5\%$  at any lunar phase. This result agrees well with the data given in Ref.7 (P.G.Mezger, H.Strassl, Planet Space Sci., 1, 213 (1959)) for the 20 cm band ( $250^\circ\text{K} \pm 12\%$ ) and also with a single measure made by G.Westerhout (Ref.8: Bull. Astron. Inst. Netherlands, 14, 215 (1958)) of  $232 \pm 50^\circ\text{K}$ . The absence of temperature change with phase in the decimeter band agrees with the thermal emission of the Moon predicted by V.S.Troitskiy (Ref.10: Astron. zh. 31, 511 (1954)). N.L.Kaydanovskiy, M.T.Turusbekov and S.E.Khaykin are mentioned in Card 2/3

Thermal radio emission from ... 41/61/004/003/003/020  
E 3/E435

the paper. There are 1 figure and 10 references: 5 Soviet-bloc and 5 non-Soviet-bloc. The references to English language publications read as follows:

Ref.2: as quoted in text;

Ref.3: as quoted in text;

Ref.7: P.G.Mezger, H.Strassl, Planet Space Sci., v.1, 213 (1959).

ASSOCIATION: Fizicheskiy institut im. P.N.Lebedeva AN SSSR  
(Physics Institute imeni P.N.Lebedev AS USSR)

SUBMITTED: November 10, 1960

Card 3/3

30674

3,2500 (1080)

S/141/61/004/004/001/024

3.1700

E032/E514

AUTHORS: Salomonovich, A.Ye. and Koshchenko, V.N.

TITLE: Observations of lunar thermal radio emission at 2 cm wavelength

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, 1961, Vol.4, No.4, pp.591-595

TEXT: This paper was first read at a meeting of the Planet Commission of the Astrosoviet (Astronomical Council) in October, 1960. The authors report observations of the lunar radio emission at 2 cm wavelength which were carried out in November-December, 1959 using the 22 m radio telescope of the Physics Institute of the Academy of Sciences. This telescope was described by the first of the present authors (Ref.2: Radiotekhnika i elektronika, 4, 2092, 1959). The radiation was detected with a ferrite radiometer of the "usual type". The high frequency part of the detector was placed together with the i.f. amplifier near the focus of the 22 m paraboloid. The open end of a circular wave-guide was used as the feeder. The electric vector of the linearly polarized wave incident on the system was

Card 1/3

4

30674

Observations of lunar ...

S/141/61/004/004/001/024  
E032/E514

at an angle of  $45^\circ$  to the plane of the horizon. The beam width at 3 db in the E and H planes was just greater than  $4'$ . The antenna temperature was measured as described by the first of the present authors (Ref.3: Astron.zhurn., 35, 129, 1958). The systematic error in the determination of the brightness temperatures was about  $\pm 15\%$ . Fig.1 shows typical distributions obtained for six different optical lunar phases. It is found that there is a systematic displacement over the lunar disc of the maximum brightness temperature and this follows the sub-solar point. An attempt was made to estimate the functional form of the variation in the surface temperature, using the method described by N. L. Kaydanovskiy and A. Ye. Salomonovich (Ref.5: Izv. vyssh. uch. zav. Radiofizika, 4, 40, 1961). The variation appears to follow a  $\cos^{1/2} \psi$  law, where  $\psi$  is the selenographic latitude. Assuming that the surface temperatures at the centre of the disc at lunar noon and midnight are  $407$  and  $125^\circ\text{K}$ , respectively, it is found that the ratio of the depth of penetration of radio and thermal waves is  $\delta = 4.4 = 2.2\lambda$ . The result  $\delta/\lambda = 2.2$  differs somewhat from that obtained at  $1.63$  cm wavelength by M.R. Zelinskaya, V. S. Troitskiy, and L. I. Fedoseyev (Ref.6: Astron.zh.31,643,1959).

4

Card 2/13

3,2500 (1080)

30675  
S/41/61/004/004/002/024  
E032/E514

AUTHORS: Koshchenko, V.N., Losovskiy, B.Ya. and Salomonovich, A.Ye.

TITLE: The lunar radio emission at 3.2 cm wavelength

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, 1961, Vol.4, No.4, pp.596-599

TEXT: The authors have measured the brightness temperature of the thermal radio emission of the moon at 3.2 cm wavelength using the 22 m radio telescope of the Physics Institute of the Academy of Sciences. Systematic changes in the two-dimensional radio brightness distribution were established. The beam width at 3 db was  $6'.3 \pm 0'.2$  (Ref.3: V. M. Karachun, A. D. Kuz'min, A. Ye. Salomonovich, Astron. zhurn. (in press)). The sensitivity threshold of the detector was  $3-4^\circ$  at a time constant of 1 sec. Fig.1 shows some typical distributions obtained for different optical phases. These distributions were then used to determine the brightness temperature of the centre of the lunar disc  $T_{\mu}$  as a function of the lunar phase. The result is shown in Fig.2 ( $\square$  - August,  $\bullet$  - September,  $\times$  - October,  $\Delta$  - November, 1960). The average value of the brightness temperature was found to be

4

Card 1/5/2

Card 2/5/2



KOSHCHER, I.I. (Blagoveshchensk-na-Amure, ul.Pervomayskaya,d.16,kv.4)

Case history of complications in acute pancreatitis. Klin.khir.  
no.8:72 J1 '62. (MIRA 15:11)

1. Klinika gosptal'noy khirurgii (zav. - prof. G.Ya.Iosset)  
Blagoveshchenskogo meditsinskogo instituta.  
(PANCREAS—DISEASES)

KOSHCHEYENKO, K.A.; SKRYABIN, G.K.; YEROSHIN, V.K.; KOGAN, L.M.; TORGOV, I.V.

Hydrolysis of complex steroid esters with the help of Mucor  
fungi. Prikl. biokhim. i mikrobiol. 1 no.2:181-185 Mr-Ap  
'65. (MIRA 18:11)

1. Institut mikrobiologii AN SSSR i Institut khimii prirodnykh  
soyedineniy AN SSSR.

SKRYABIN, G.K.; KOSHCHAYENKO, K.A.; MEREMKULOVA, R.N.; SAPIEVA, V.T.

Hydrolysis of steroid esters by actinomycetes. Prikl. biokhim.  
i mikrobiol. 1 no.5:513-517 S-O '65.

(MIRA 18:11)

1. Institut mikrobiologii AN SSSR.

ROSHCHENKO, K.A.; SKRYABIN, G.K.

Deacetylation of cortisone acetate with the help of molds.  
Mikrobiologiya 34 no.2:252-257 Mar-Apr '65.

(MIRA 18:6)

1. Institut mikrobiologii AN SSSR.

L 33674-66 EWI(1) IJP(c)

ACC NR: AP6004994

SOURCE CODE: UR/0221/65/060/002/0178/0197

AUTHOR: Zhuravlev, A. I.; Veselovskiy, V. A.; Koshcheyenko, N. M. 39  
2

ORG: Central Scientific Research Institute of Health Resorts and Physical Therapy of the Ministry of Health SSSR (Tsentral'nyy nauchno-issledovatel'skiy institut kurortologii i fizioterapii Ministerstva zdravokhraneniya SSSR)

TITLE: Bioluminescence and chemiluminescence of some organic compounds

SOURCE: Uspekhi sovremennoy biologii, v. 60, no. 2, 1965, 178-197

TOPIC TAGS: animal, plant, luminescence, chemiluminescence, biochemistry, free radical

ABSTRACT: The present article based on the literature discusses the physical bases of luminescence, chemiluminescence of organic compounds, the nature of luciferin-luciferase reactions, luminescence of higher plants and animals, and the importance of luminescence. The bioluminescent mechanism appears to be related to free radical reactions. Almost all types of bioluminescence and chemiluminescence require an energy substrate (electron donor), catalyst, donor acceptor (generally oxygen) and a luminescent substance (activator). The

Card 1/2

L 33674-66

ACC NR: AP6004994

position that bioluminescent energy is lost and cannot be utilized by the bioluminescent system itself probably also applies to chemiluminescence. Bioantioxidants increase bioluminescence by protecting the luminescent systems from autoxidation. Spectroscopically, chemiluminescence and bioluminescence are broad bands of continuous light without lines, with maxima in various regions of the visible spectrum. Orig. art. has: 4 figures.

SUB CODE: 06, 07/ SUBM DATE: none/ ORIG REF: 047/ OTH REF: 117

Card 2/2 *L&B*

chemicals and "radiosensitive" biochemical reactions. Each chapter is accompanied by an extensive list of references.

Card 1/2

UDC: 613.541.15:543.9.

ACC NR: AM6026752

TABLE OF CONTENTS [abridged]:

Editor's foreword -- 3

Ch. 1. Formation of  $H_2O_2$ , organic peroxides, and peroxide-like compounds due to irradiation -- 7

Ch. 2. Effect of radiation and chemical protectives on DNA biosynthesis -- 43

Ch. 3. Effect of ionizing radiation on the biosynthesis of RNA and the possibility of normalizing it with protectors -- 120

Ch. 4. Effect of ionizing radiation on the synthesis of albumen -- 195

Ch. 5. Oxidative phosphorylation in the tissue of radiated animals -- 244

SUB CODE: 06/ SUBM DATE: 24Jan66/ ORIG REF: 336/ OTH REF: 805

Card 2/2

ZHURAVLEV, A.I.; VESELOVSKIY, V.A.; KOSHCHEYENKO, N.N. (Moskva)

Bioluminescence and chemiluminescence of some organic compounds.  
Usp. sov. biol. 60 no.2:178-197 S-O '65. (MIRA 18:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut kurortologii i  
fizioterapii Ministerstva zdravookhraneniya SSSR.



ZHURAVLEV, A.I.; VESELOVSKIY, V.A.; KOSHCHHEYENKO, N.N.

Bioluminescence, Trudy MOIP. Otd. biol. 21:19-50 '65.

(MIRA 18:6)

BENEVOLENSKIY, V.N.; KOSHCHHEYENKO, N.N.; VESELOVSKIY, V.A.

Chemiluminescence and toxicity of hydrogen peroxide and cysteine  
reaction products. Trudy MIP. Otdl. biol. 21:112-116 '65.

(MIRA 18:6)

L 45765-66 EWT(d)/EWT(1)/FSS-2

ACC NR: AP6030916

SOURCE CODE: UR/0018/66/000/009/0073/0075

AUTHOR: Meshcheryakov, V. (Colonel); Koshcheyev, A. (Lieutenant colonel)

ORG: none

TITLE: Engineering structure of an antiaircraft battery-position<sup>5</sup>

SOURCE: Voyenny vestnik, no. 9, 1966, 73-75

TOPIC TAGS: antiaircraft defense, defense installation, military installation, military engineering, artillery unit, gun emplacement/antiaircraft installation 23

ABSTRACT: After taking its position, an antiaircraft-artillery battery first prepares to open fire should an aerial target suddenly appear. After this is completed, the engineering construction of the firing position and battery command post is undertaken in the following sequence: 1) antiaircraft gun emplacement (see Fig. 1), for which 15 manhours are allotted; 2) trenches for firing-platoon commanders; 3) installation for the battery commander (see Fig. 2), for which 25 manhours are allotted; 4) slit trenches for personnel; and 5) shelter for transport equipment.

Card 1/3

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ACC NR: AP6030916

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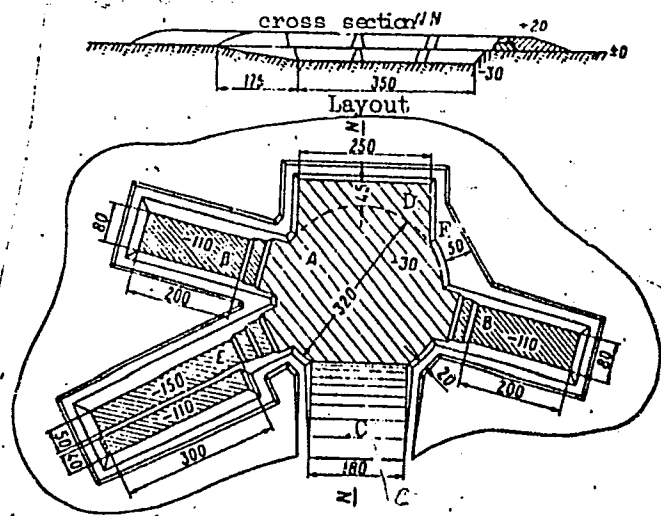


Fig. 1. Emplacement for anti-aircraft installation 23

A - Gun emplacement; B - ammunition pit; C - ramp; D - place for gun barrel case; E - personnel shelter; F - barrel-cooling platform.

Card 2/3



BEDA, N.I., inzh.; RYZHKOV, P.Ya., inzh.; GORYUCHKO, I.G., inzh.;  
MASHKOVA, A.K., inzh.; Primalni uchastiye: LIFSHITS, S.I.;  
KOTOV, N.K.; KOSHCHAYEV, A.D.; CHUVICHKINA, N.K.; KOLPOVSKIY,  
N.M.; GOLOVKO, O.F.; LUDENSKIY, A.M.; SERBIN, I.V.; IVANOV, I.T.;  
ALEKSEYEVA, N.V.; MENDEL'SON, N.Ya.

Quality of pipe billets and pipes made of killed converter steel.  
Stal' 21 no.9:824-825 S '61. (MIRA 14:9)

1. Metallurgicheskiy zavod im. Petrovskogo i Truboprokatnyy  
zavod im. Lenina.

(Pipe, Steel)

KOSHCHEYEV, A.K.

Ne design of sinks for washing dishes. Gig. i san., no.8:49 Ag '54.  
(MLRA 7:9)

1. Iz vrachebno-sanitarnoy sluzhby Permskoy zheleznoy dorogi.  
(DISHWASHING)

KOSHCHER, I. I.

Congenital right inguinoscrotal hernia with unusual ectopy of  
the left testicle. Urologia no.2:65 '62. (MIRA 15:4)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. G. Ya.  
Iosset) Blagoveshchenskogo meditsinskogo instituta.

(HERNIA) (TESTICLE--ABNORMITIES AND DEFORMITIES)



AMIRAGOVA, M. I.; KOSHCHEYENKO, N. N.; SAVICH, A. V.

Action of gamma irradiation on alkaline hemin solutions.  
Radiobiologia 2 no.3:365-369 Je '62. (MIRA 15:7)

(GAMMA RAYS) (HEMINS)

KOSHCHYEV, A.K.

Improved system of washing dishes in public eating places. Vop.pit.  
13 no.1:27-30 Ja-F '54. (MLRA 7:3)

1. Iz kafedry gigiyeny pitaniya (zaveduyushchiy - dotsent P.F.  
Obukhov) Molotovskogo meditsinskogo instituta.  
(Restaurants, lunch rooms, etc.)

KOSHCHEYEV, A. K.

KOSHCHEYEV, A. K. -- "The Epidemiological Significance of Table Dishes and Methods to Disinfect Them. (Generalization of Practical Experience in Prophylactic Work)." Molotov State Medical Inst. Molotov, 1955. (Dissertation for the Degree of Candidate of Medical Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

KOSHCHHEYEV, A.K., kand.med.nauk

Use of activated charcoal for determining how well table china  
has been washed. Voen.-med. zhur. no.4:83 Ap '61. (MIRA 15:6)  
(DISHWASHING--HYGIENIC ASPECTS)

KOSHCHENYEV, A.K., kand. med. nauk (Perm')

History of sanitary food inspection on the Perm Railroad.  
Trudy Perm. gos. med. inst. 43:375-378 '63. (MIRA 17:6)

KOSHCHENOV, A.L. [deceased]; MATSKEVICH, N.V.

Effect of growing conditions and cultivation practices on the rooting of spindle tree layers. Trudy Inst. lesa 46:61-64 '58. (MIRA 11:6)

1. Institut lesa Akademii nauk SSSR.  
(Spindle tree) (Plant propagation)

KOSHCHEYEV, A. N.

Koshcheyev, A. N. -- "Theoretical and Experimental Investigations of the Flow Around a Weir in a Parabolic Stream." Min River Fleet USSR. Pechora Basin Roads Administration. Pechora, 1954. (Dissertation For the Degree of Candidate in Technical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

KOSHCHYEV, A.N., kandidat tekhnicheskikh nauk.

First scientific and technical conference of the Pechora Basin  
navigation engineers. Rech. transp. 15 no.5:28-30 My '56.

(MLRA 9:8)

(Pechora--Inland navigation)



KOSHCHENEV, A.N.

Theoretical bases for suitable distribution of a network of water-measuring stations on Lake Baikal. Trudy GGI no.85:69-86 '62.

(MIRA 15:6)

(Baikal, Lake--Seiches)

SELYUK, Ye.M.; KOSHCHEYEV, A.N.; VAYSBAND, V.B.; YAROSLAVTSEV, N.A.

Comparative evaluation of instrumental methods of observations  
on waves of reservoirs and lakes. Trudy GGI no.113:5-35 '64.  
(MIRA 17:11)

KOSHCHEYEV, A.N.

Calculation of long waves in inland bodies of water. Trudy GGI  
no.113:36-81 '64. (MIRA 17:11)

KOSHCHEYEV, A.N.; CHIGIRINSKIY, P.F.

Calculation of forced fluctuations of the levels of the Kuybyshev Reservoir caused by periodic changes in the load of the hydroelectric power station. Trudy GGI no.113:199-207 '64.

(MIRA 17:11)

ACC NR: A97010728

SOURCE CODE: UR/0189/66/000/003/0094/0097

AUTHOR: Koshcheyov, G. G.; Kovba, L. M.

ORG: Department of Inorganic Chemistry, Moscow State University (Kafedra neorganicheskoy khimii Moskovskogo gosudarstvennogo universiteta)

TITLE: Reaction of the solid solutions  $U_3O_8-R_2O_3$  (R = La, Sm, Dy, and Yb) with oxygen under pressure

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 3, 1966, 94-97

TOPIC TAGS: uranium compound, oxygen compound, gravimetric analysis

SUB CODE: 07

ABSTRACT: The solid solutions  $U_3O_8-R_2O_3$  (R = La, Sm, Dy, and Yb) containing up to 50 mole % of uranium oxides were subjected to the action of oxygen in an autoclave at a pressure of 230 atmospheres and a temperature of 650° for 100 hours. The extent of oxidation of uranium was determined gravimetrically by change in weight, and coulometrically with a controlled cathode potential. The systematic difference in analyses between gravimetric and coulometric methods is apparently due to the partial adsorption of oxygen and water vapor. A comparison of the data of the coulometric analysis prior to oxidation with oxygen and after, shows that single-

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UDC: 546

ACC NR: AP7010728

phase preparations of some solid solutions were completely unoxidized. The parameters of solid solutions of oxides of uranium with oxides of rare-earth elements remained unchanged, but the limits within which the monophasic solid solution could be maintained were expanded. Orig. art. has: 3 tables. [JPRS: 40,361]

Card 2/2

L 46239-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG  
ACC NR: AP6023920 SOURCE CODE: UR/0363/66/002/007/1254/1260

AUTHOR: Koshcheyev, G. G.; Kovba, L. M. 278

ORG: Chemistry Department, Moscow State University im. M. V. Lomonosov (Khimicheskiy fakul'tet, Moskovskiy gosudarstvennyy universitet)

TITLE: Study of binary oxides of uranium and rare earth elements in the region rich in rare earth oxides 27 27 27

SOURCE: AN SSSR. Izv. Neorg materialy, v. 2, no. 7, 1966, 1254-1260

TOPIC TAGS: uranium compound, rare earth compound

ABSTRACT: The interaction of rare earth oxides  $R_2O_3$  ( $R = La, Sm, Dy, Yb$ ) with  $UO_3$  and the solubility of the latter in the rare earth oxides were studied by x-ray phase analysis. In  $R_2O_3:UO_3$  systems with  $R_2O_3 > 50$  mole %, the existence of three phases was established: a cubic solid solution with a fluorite structure, and  $UR_6O_{12}$  and  $R_2O_3$ -type compounds. In lanthanum and samarium in the range  $UO_3:R_2O_3 = 1:1.25-1:1.75$ , another phase was found which like  $UR_6O_{12}$  has a rhombohedral lattice. The binary oxides  $UR_6O_{12}$  have the structure of  $Tb_7O_{12}$ . The indexing of x-ray patterns of the oxides  $UR_6O_{12}$  is tabulated. In the  $La_2O_3-U_3O_8$  system, another rhombohedral phase was observed up to  $1100^\circ C$ ; its composition is  $2La_2O_3 \cdot U_3O_8$  with sublattice parameters (in the hexagonal derivation)  $a = 10.21 \pm 0.01 \text{ \AA}$ ,  $c = 9.668 \pm 0.002 \text{ \AA}$ . Orig. art. has: 3 tables.

SUB CODE: 07/ SUBM DATE: 09Oct65/ ORIG REF: 002/ OTH REF: 004  
Card 1/1 hs UDC: 546.791-31+546.65-31

L 30230-66 EWT(m)/T/EWP(t)/ETI IJP(c) ES/WW/JD/JG

ACC NR: AP6013823

SOURCE CODE: UR/0189/65/000/006/0053/0056

AUTHOR: Koshcheyev, G. G.; Kovba, L. M.; Zhelankin, A. V. 50  
B

ORG: Chair of Inorganic Chemistry, Moscow State University (Kafedra neorganicheskoy khimii, Moskovskiy gosudarstvennyy universitet)

TITLE: Study of binary oxides of uranium and rare earth elements 27

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 6, 1965, 53-56

TOPIC TAGS: uranium compound, lanthanum oxide, samarium compound, dysprosium compound, ytterbium compound, X ray analysis, Camera / RKD-57 camera, RKU-86 camera

ABSTRACT: The formation of fluorite-type phases was investigated in  $R_2O_3-U_3O_8-O_2$  systems (where  $R=La, Sm, Dy, Yb$ ) annealed for 66-85 hr at 1200°C, and the solubility limits of the rare earth oxides in uranium octoxide were determined. The U(VI) content and the total uranium content were determined by coulometric analysis at a controlled potential. X-ray phase analysis was carried out by using the powder method with RKD-57 and RKU-86 cameras. The degree of oxidation of uranium changes with the ratio R/U and reaches 6 in samples where  $R/U=2/1$ . Thus, the presence of a rare earth oxide increases the stability of the hexavalent state of uranium at high temperatures. Contrary to expectations, the solubility of rare earth oxides in  $U_3O_8$  was found to be very low (less than 1.5 mol % of  $RO_{1.5}$ ). Orig. art. has: 3 tables.

SUB CODE: 07,14/

SUBM DATE: 11Jan65/

ORIG REF: 002/

OTH REF: 002

Card 1/1 *CC*

UDC: 546



L 34346-66 EWT(m)/EWP(t)/ETI LIP(c) ES/ID/WW/JG

ACC NR: AP6010714

SOURCE CODE: UR/0189/66/000/001/0054/0056

AUTHOR: Koshcheyev, G. G.; Rachev, V. V.; Popolitova, Ye. A.; Zhelankin, A. V. 40  
BORG: Inorganic Chemistry Department, Moscow State University (Kafedra neorganicheskoy khimii, Moskovskiy gosudarstvennyy universitet)TITLE: Determination of the oxygen/uranium ratio in uranium oxides by controlled-potential coulometric analysis

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 1, 1966, 54-56

TOPIC TAGS: uranium, electrochemical analysis, oxygen, electrolysis

ABSTRACT: The authors investigated the applicability of the coulometric method proposed by W. M. Mac Nevin and B. B. Baker (Anal. Chem. 24, 986, 1952) to the determination of the ratio O/U in uranium oxides. The latter were dissolved in concentrated orthophosphoric acid, and a 1 M H<sub>2</sub>SO<sub>4</sub> solution was used as the background solution. Uranium (VI) was reduced at a cathode potential of -0.24 V for 3-4 min, and the current intensity was recorded every 15-30 sec. To determine the total uranium, U(IV) was oxidized chemically to U(VI) by cerium (IV) at a cathode potential of -0.05 V, then uranium was again reduced as before. The amount of uranium was calculated from the formula

$$U(VI) = \frac{E_U \times I_0}{96.5 \times 2.303 \times K}$$

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UDC: 536.7

Card 2/2 JLR

KOSHCHENYEV, Ivan Alekseyevich

Dean of the Wire and Cable Faculty of the Moscow Electrotechnical Institute

Lecturer on Cable and Aerial Communications of the Academy of Science (1936)

Rukovodstvo po koblirovaniyu Telegrafno  
Telefonnykh Vzllov (book)

Soviet Source: N: Sotsialisticheskaya Svyaz', Moscow, 1940

Abstracted in USAF "Treasure Island" Report No. 18804, on file in Library of  
Congress, Air Information Division.

**KOSHCHHEYEV, I.A.**

KOSHCHHEYEV, I.A.; AKUL'SHIN, P.K., redaktor.

[Theory of wire communication] Teoriya svyazi po provodam. Pod red.  
prof. P.K.Akul'shina. Moskva, Svyaz'izdat, 1945. 268 p. (MLRA 7:4)  
(Telecommunication)

KOSHCHHEYEV, IVAN ALEKSEYEVICH.

Teoria telekomunikacji przewodowej (Theory of telecommunications by cables, by)  
I. A. Koszchejew. Warszawa, Panstwowe Wydawnictwa Techniczne, 1952.

319 p. Illus., Diagr., Tables.

"Wykaz Pismiennictwa": P. (320)

Translated from the Russian: *Tiëoriya Swiazi po prowodam.*

SO: N/5  
653.02  
.K91