

GREZDOV, G.I.; KOSMACH, Yu.P.

Calculation of a spherical shell by analog computers with
the aid of the electronic device "iterator." Mat. mod. i elek.
tsepi no.1:64-72 '63. (MIRA 16:11)

1. KARASEVICH, YU., KRIVISKIY, A., KOSMACHEV, A.
2. USSR (600)
4. Biochemistry
7. Abstracts. Mikrobiologiya 22, no. 1, 1953.

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

BODYANSKIY, B.A., inzhener; KOSMACHEV, A.D., inzhener.

Rapid method of determining the heat treatment for reinforced
concrete products based on various cements. *Biul.stroi.tekh.* 13
no.7:15-16 JI '56. (MLRA 9:9)

1.Zaved No.17 zhelezobetonnykh izdeliy.
(Reinforced concrete)

KOSMACHEV, A.N. ; VEDYAYEV, I.P.

Rare case of a congenital medial cleft of the nose. Stomatologia 42 no.4:85-86 J1-Ag'63 (MIRA 17:4)

1. Iz kliniki vosstanovitel'noy khirurgii (zav. - kand. med. nauk I.I.Antonov) Saratovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (dir. - dotsent Ya.N.Rodin).

KOSMACHEV, A.Ye.

Thermophilic actinomycetes; a survey. Mikrobiologiya 32 no.6:730-739
N-D '53. (MLRA 6:12)

1. Institut mikrobiologii Akademii nauk SSSR, Moscow.
(Actinomycetes)

KOSMACHEV, A. Ye.

"Thermophilic Actinomyces and Their Antagonistic Characteristics."
Cand Biol Sci, Inst of Microbiology, Acad Sci USSR, Moscow, 1954. (IL, No
5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (13) SO: Sum. 50s, 29 Jul 55

KOSMACHEV, A.E.

ML

Antibiotic properties of thermophilic actinomycetes. A. B. Kosmachov (Inst. Microbiol., Acad. Sci. U.S.S.R., Moscow), *Mikrobiologiya* 25: 840-85 (1968). — Of 839 cultures of thermophilic actinomycetes, subtropic to arctic in origin, 401 (47.8%) were active; but from high altitudes only 8 of 65 cultures had antibiotic activity. Some strains cause lysis of killed bacterial cells, or cells elaborate antibiotics (toxic to various bacteria, fungi and *Actinomyces* species) in liquid cultures at 50-60°C. These strains grow 2-4 times faster than mesophilic actinomycetes. Some concentrates were obtained which were active against tuberculosis and avian tuberculosis. Julius R. Smith

KOSMACHEV, A. YE.

26-10-27/44

AUTHOR: Kosmachev, A.Ye., Candidate of Biological Sciences (Moscow)

TITLE: A Conference on the Physiology and Biochemistry of Microorganisms (Konferentsiya po fiziologii i biokhimii mikroorganizmov)

PERIODICAL: Priroda, 1957, No 10, p 109 (USSR)

ABSTRACT: The Institute of Microbiology of the AN USSR and the faculty of Soil Biology of the Moscow State University, in April 1957, in Moscow, held a conference on the physiology and biochemistry of microorganisms used in the industry. The most prominent microbiologists of the USSR as e.g., Academician V.N. Shaposhnikov, Corresponding Member of the Academy A.A. Imshenetskiy, Professors M.N. Meysel' and N.D. Yerusalimskiy participated with lectures on biological topics. The conference was divided into four sections covering: biochemistry, yeast organisms, bacterial fermentation, antibiotics. These sections dealt with direct application of the results of biochemical research in various branches of industry based on the use of microorganisms. During the conference, over 60 lectures were heard and discussed. It was pointed out that the main problem of microbiology was to achieve control over the metabolism of

Card 1/2

KOSMACHEV, A.Ye.

First account (1954-1956) of the Institute of Microbiology of the
Rutgers University, New Jersey, U.S.A. Mikrobiologiya, 26 no.3:
404-405 My-Je '57. (MIRA 10:10)
(NEW BRUNSWICK, N.J.--MICROBIOLOGY--RESEARCH)

KOSMACHEV, A.Ye

KOSMACHEV, A.Ye.

On the 100th anniversary of Shibasaburo Kitazato's birth (1856-1931)
Mikrobiologiya, 26 no.3:405-405 My-Je '57. (MIRA 10:10)
(SHIBASABURO KITAZATO, 1856-1931)

Kosmachev, A. Ye.

KOSMACHEV, A. Ye.

A new scientific research institute. Mikrobiologija, 26 no.3:406
My-Je '57. (MIRA 10:10)
(RIGA--CHEMISTRY, ORGANIC--SYNTHESIS)

KOSMACHEV, A. Ye.

~~KOSMACHEV, A. Ye.~~

Nikolai Aleksandrovich Krasil'nikov; on his 60th birthday. Mikro-
biologiya 26 no.4:500-502 J1-Ag; '57. (MIRA 10:12)
(KRASIL'NIKOV, NIKOLAI ALEKSANDROVICH, 1896-)

KOSMACHEV, A.Ye.; RUNOV, Ye.V.

▲All-Union conference on the use of isotopes and radiations.
Mikrobiologiya 26 no.4:506-509 J1-Ag '57. ' (MIRA 10:12)
(MOSCOW--ISOTOPES--CONGRESSES)

КОСМАЧЕВ, А. Я.

KOSMACHEV, A. Ye.

Conference on the physiology and biochemistry of micro-organisms
used in industries. Mikrobiologiya 26 no.5:619-622 S-O '57.

(MIRA 10:12)

(MICRO-ORGANISMS--INDUSTRIAL APPLICATIONS)

KOSMACHEV, A.Ye., kand.biolog.nauk (Moskva)

Conference on the physiology and biochemistry of micro-organisms.
Priroda 46 no.10:109 0 '57. (MIRA 10:10)
(Micro-organisms--Industrial applications)

SOV/26-58-12-43/44

AUTHOR: Kosmachev, A.Ye., Candidate of Biological Sciences (Moscow)

TITLE: The Nutrition of Microorganisms (O pitanii mikroorganizmov)

PERIODICAL: Priroda, 1958, Nr 12, pp 127 - 128 (USSR)

ABSTRACT: The author replies to the question of a reader on cannibalism among microorganisms of the same species in the negative, but states that there is direct and indirect cannibalism among microorganisms of diverse species. He extends his answer by general remarks on the feeding habits of microorganisms.

Card 1/1

KOSMACHEV, A.Ye.

Defense of dissertations. Mikrobiologiya 27 no.4:524-527 J1-Ag '58
(MIRA 11:9)
(MICROBIOLOGY)

KOSMACHEV, A.Ye.

Defense of dissertations. Mikrobiologiya 27 no.5:661-663 8-0 '58
(MIRA 11:12)
(BACTERIOLOGY)

KOSMACHEV, A.Ye.

Defense of dissertations. Mikrobiologiya 28 no.2:313-317
Mr-Apr '59. (MIRA 12:5)

(MICROBIOLOGY)

KOSMACHEV, A.Ye.

Defense of dissertations. Mikrobiologiya 28 no.4:630-638 J1-Ag '59.

(MIRA 12:12)

(MICROBIOLOGY)

KOSMACHEV, A.Ye.

Significance of thermophilic properties in the classification of
actinomycetes. Mikrobiologiya 28 no.6:938-943 N-D '59.

(MIRA 13:4)

(ACTINOMYCETS)

KOSMACHEV, A.Ye.

Antibacterial and antitumoral activity in vitro in some thermophilic actinomycetes. Trudy Inst. microbiol. no.8:339-344 '60;
(MIRA 14:1)

1. Moskovskiy gosudarstvennyy universitet.
(ACTINOMYCETALES) (ANTIBIOTICS)

KOSMACHEV, A. Xe.

Defense of dissertations. Mikrobiologija 30 no.2:377-378 Mr-Ap
'61. (MIRA 14:6)
(NITROSOMONAS) (ANTIBIOTICS)

KOSMACHEV, A. Ye;

Preservation of the viability of thermophilic Actinomycetes during
prolonged storage. Mikrobiologiya 29 no.2:287-288 Mar-Apr '60.
(MIRA 14:7)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta
imeni M.V.Lomonosova.
(ACTINOMYCES)

KOSMACHEV, A.Yo.; KONOVA, I.V.

Defense of dissertations. Mikrobiologiya 30 no.6:1141-1144 N-D '61.
(MIRA 14:12)

(BIBLIOGRAPHY--MICROBIOLOGY)

S/220/62/031/001/002/003
1018/1218

Author: Kosmachev, A. E.

Title: STUDIES ON THERMOPHILIC MICROMONOSPORA AND THE BIOSYNTHESIS OF A T-12 ANTIBIOTIC UNDER CONDITIONS OF SURFACE AND SUBMERGED FERMENTATION

Periodical: *Mikrobiologiya*, v. 31, no. 1, 1962, 66-71

Text: In a previous work (Kosmachev, *Trudy Inst. Mikrobiologii*, 8, 339, 1960) it has been shown that some thermophilic actinomycetes possess not only antibacterial, but also an antitumor activity *in vitro*. Some properties of crude T-12 antibiotic with antibacterial and antitumor activity *in vitro* were described. The present communication is concerned with a detailed description of the microorganism-T-12/3 strain of thermophilic micromonospora (related to *Thermoactinomyces (Micromonospora) thalpopilus*), its selection, production of the T-12 antibiotic under conditions of surface and submerged fermentation at 50-60°C and short description of chemotherapeutic properties of the antibiotic. Growth in liquid and solid media of the following composition gave good yields of the antibiotic: starch, 20 g; ammonium sulfate, 1 g; potassium nitrate, 1 g; disodium phosphate, 1 g; magnesium sulfate, 0.5 g; FeSO₄, 0.001 g; calcium carbonate, 4 g; 30% yeast autolysate, 15 ml; peptone, 0.5g; soy flour, 0.5 g; tap water, 1000 ml. (For solid media, agar, 20 g was added). Semi-industrial

Card 1/2

STUDIES ON THERMOPHILIC....

S/220/62/031/001/002/003

1018/1218

fermentation was carried out in 45 liter fermentors. Good growth was obtained after 21-24 hours at 51°C; 17,000 units of antibiotic per 1 ml of mycelial acetone extract were obtained. Purification of the antibiotic: Mycelium was extracted with acid acetone (pH 3.0), neutralized and the sediment discarded. The acetone extract was evaporated to emulsion. The emulsion was saturated with NaCl. Oily precipitate formed. This was separated and dissolved in ethanol. Antibacterial spectrum: *Micrococcus aureus*, *Bacillus subtilis*, *Bac. mycoides*, *Bac. mesentericus*, *Bac. anthracoides*, *Caryophanon latum*, *Mycobacterium vadosum*, *Sarcina lutea*, *Bac. paracoli*. Inhibition of dehydrogenase activity of Ehrlich ascites cells and lymphoma(Lio-1) cells was noted. The antibiotic was ineffective against: *Bact. coli*, *M. phlei*, *Candida albicans* and *Sacch. cerevisiae*. It was non-toxic to mice in a dose of 4000 units. There are 2 figures.

Association: Institut Mikrobiologii. AN SSSR (Institute of Microbiology of Academy of Sciences of USSR)

Submitted: June 15, 1961

Card 2/2

LOGINOVA, L.G.; KOSMACHEV, A.Ye.; GOLOVACHEVA, R.S.; SEREGINA, L.M.

A study of thermophilic microflora of the Yangau-Tau in the
Southern Urals. Mikrobiologiya 31 no.6:1082-1086 N-D '62.
(MIRA 16:3)

1. Institut mikrobiologii AN SSSR.
(YANGAU-TAU--SOIL MICRO-ORGANISMS)
(BACTERIA, THERMOPHILIC)

KOSMACHEV, A. Ye.

Thermophilic actinomycetes in milk and dairy products. Mikro-
biologiya 32 no.1:136-142 '63 (MIRA 17:3)

1. Institut mikrobiologii AN SSSR.

KOSMACHEV, A.Ye. [deceased]

A new thermophilic Actinomycete, *Micropolyspora thermovirida*
n. sp. *Mikrobiologiya* 33 no.2:267-269 Mr. Ap '64. (MIRA 17:12)

1. Institut mikrobiologii AN SSSR.

KOSMACHEV, A.Ye. [deceased]; KHOKHLOVA, Yu.M.; KALMYKOVA, G.Ya.;
PROSNYAKOVA, I.M.; SERGEYEVA, L.N.

Production and isolation of an antibiotic from the thermophilic
Actinomyces T-12/3. Mikrobiologiya 34 no.3:437-441 My-Je '65.
(MIRA 18:11)

1. Institut mikrobiologii AN SSSR.

MILEYKOVSKAYA, K.M., inzh.; KOSMACHEV, G.S.

Testing large wall panels made of cellular concrete. Prom.
stroil. 40 no.3:33-35 '62. (MIRA 15:3)
(Air-entrained concrete--Testing) (Walls)

KOSMACHEV, I. G.

25(I);

PHASE I BOOK EXPLOITATION

SOV/1404

Levinson, Ye. M., B. G. Gutkin, A. P. Dyatchenko, and Ye. I. Vladimirov

Polucheniye polostey i otverstii v metalle elektroiskrovym sposobom (Electrospark Method of Cutting Cavities and Holes in Metals) Moscow, Mashgiz, 1952. 93 p. (Series: Bibliotekha elektrotehnologa, No. 4) 6,000 copies printed.

Ed. (Title page): Gusev, V. N., Laureate of the Stalin Prize, Engineer; Ed. (Inside book): Popilov, L. Ya., Engineer; Tech. Ed.: Sokolova, L. V.; Managing Ed. for Literature on Machine Building Technology (Leningrad Division, Mashgiz): Nikitin, P. S., Engineer.

PURPOSE: This booklet is intended for technologists working in the field of electrical metalworking processes and for skilled workers.

COVERAGE: The booklet presents basic principles of the electrospark machining of holes and cavities in metals. Information on electrospark equipment is given and some examples of the applications of electrospark machining methods are presented. The following personalities were awarded Stalin prizes for their contributions to the development of electromachining methods; B. R. Lazarenko, N. I. Lazarenko, and V. N. Gusev. For the purpose of introducing and promoting electromachining methods, the Leningrad branch of Mashgiz (State Scientific

Card 1/3

Electrospark Method of Cutting Cavities (Cont.)

SOV/1404

and Technical Publishing House of Literature on Machinery) on the recommendation of the Committee on electromachining of Lonitomash (Leningrad Branch of the Scientific, Engineering and Technical Society of Mechanical Engineers) undertook publication of the "Library for Electrotechnologists" which includes the following booklets: 1. Gusev, V.N. Anodic-mechanical Machining of Metals. 2. Levinson, Ye. M. Electrospark Machining of Metals. 3. Kosmachev, I.G., P. S. Kryzhanovskiy, and P.D. Klimchenkov. Anodic-mechanical Sharpening of Hard Alloy Tools. 4. Levinson, Ye.M., B.G. Gutkin, A.P. Dyatchenko, and Ye. I. Vladimirov. Electrospark Method of Cutting Cavities and Holes in Metal. 5. Chetyrkin, N.P. Anodic-mechanical Cutting of Metals. 6. Ivanov, V.K. Anodic-mechanical Machining of Draw Plates and Dies. 7. Kan, B. I., and I. G. Kosmachev. Anodic-mechanical Metal Finishing. 8. Gutkin, B.G. and A. L. Vishnitskiy. Controls for the Operating Regime of Electrospark and Anodic-mechanical Machine Tools. 9. Alekseyev, A.V., and L.Ya. Popilov. Electric Hardening of Tools. 10. Bogorad, L.Ya. Electrochemical Metal Polishing: The booklet contains illustrations and diagrams. There are no references.

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Electrospark Method of Cutting Cavities (Cont.)

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PHASE I BOOK EXPLOITATION

SOV/1482

Kosmachev, I.G., P.S. Kryzhanovskiy, and P.D. Klimchenkov

Anodno-mekhanicheskoye zatachivaniye tverdosplavnogo instrumenta
(Electrolytic Sharpening of Hard-alloy Tools) Moscow, Mashgiz,
1952. 104 p. (Series: Bibliotekha elektrotekhnologa, vyp. 3)
10,000 copies printed.

Ed. (Title page): V.N. Gusev, Engineer, Laureate of the Stalin Prize;
Ed. (Inside book): V.I. Slonimskiy, Candidate of Technical Sciences
(Deceased); Tech. Ed.: L.V. Sokolova; Managing Ed. for Literature
on Machine-building Technology (Leningrad Division, Mashgiz):
P.S. Nikitin, Engineer

PURPOSE: This booklet is intended for technologists working in the field of applica-
tion of electrical processes as well as for qualified workers.

COVERAGE: Described are existing methods of sharpening hard-alloy tools, electrolytic
sharpening of machine tools, fixtures, sharpening discs and methods of sharpening
cutters and multiple cutting-edge tools. Examples are given of sharpening helical
drills, milling cutters, countersinking, reaming and other tools.

Card 1/ 3

Electrolytic sharpening (Cont.)

SOV/1482

The personalities mentioned in the foreword are the authors of other titles in this series of publications on electro-machining methods. No bibliography is given.

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Card 2/3

KOSMACHEV, I.G., SHCHEGOLEV, A.V., kandidat tekhnicheskikh nauk,
rezensent; REZNITSKIY, L.M., kandidat tekhnicheskikh nauk,
redaktor; SOKOLOVA, L.V., tekhnicheskiiy redaktor

[Automatic weld deposition on a multiple-edged cutting tool]
Avtomaticheskaya naplavka mnogolezviinogo instrumenta. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952. 115 p.
[Microfilm] (MIRA 7:10)

(Cutting tools)

(Electric welding)

Kosmachev, I. G.

KOSOLAPOV, I. I.; KOSMACHEV, I. G.; VISHNITSKIY, A. I.; POPILOV, L. Ya., inzhener, retsenzent; SLOVINSKIY, V. I., [deceased], kandidat tekhnicheskikh nauk, redaktor; DLUGOKANSKAYA, Ye. A., tekhnicheskiy redaktor

[Work with anodic-mechanical grinders] Rabota na anodno-mekhanicheskikh zatochnykh stankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1952. 172 p. [Microfilm] (MLRA 9:3)
(Grinding and polishing)

KOSMACHEV, I.G.

BLYUMBERG, V.A., kandidat tekhnicheskikh nauk; KOSMACHEV, I.G., inzhener;
ANSEROV, M.A., redaktor, kandidat tekhnicheskikh nauk, dotsent.

[Cutters for high-speed lathe work] Resty dlia skorostnogo tochenia.
Pod red. M.A.Anserova. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.
i sudostroit. lit-ry, 1953. 61 p. (Biblioteka tokaria-novatora, no.5)
(MLRA 7:4)

(Cutting tools)

KOSMACHEV I. G.

ROMANOVSKIY, V.P., kandidat tekhnicheskikh nauk, dotsent; MALOV, A.N.,
kandidat tekhnicheskikh nauk, dotsent, retsenzent; KOSMACHEV, I.G.,
inzhener, redaktor; POL'SKAYA, R.G., tekhnicheskiy redaktor

[Reference book on cold stamping] Spravochnik po kholodnoi shtampov-
ke. Izd. 2-e dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. i sudostroit. lit-ry, 1954. 494 p. (MLRA 7:10)
(Metals--Gold working)

KOSMACHEV, Ivan Georgiyevich; REZNITSKIY, L.M., kandidat tekhnicheskikh nauk, redaktor; LEYKINA, T.L., radaktor; SOKOLOVA, L.V., tekhnicheskiy redaktor.

[Welding and beading in the production of cutting tools] Svarka i naplavka v proizvodstve reshushchego instrumenta. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1955. 181 p. (MIRA 9:4)
(Cutting tools)

~~KOSMACHEV, I.G.~~; YEMEL'YANOVA, Ye.V., redaktor; SMIRNOV, P.S., tekhnicheskiy
redaktor

[Progressive methods of sharpening and grinding instruments]
Progressivnye metody zatochki i dovalki instrumenta. [Leningrad]
Lenizdat, 1957. 109 p. (MIRA 10:9)
(Cutting tools--Maintenance and repair)

25(1)

PHASE I BOOK EXPLOITATION

SOV/2930

Kosmachev, Ivan Grigor'yevich, Engineer

Avtomatizatsiya naplavki rezhushchikh instrumentov (Automatic Hard Facing of Metal-cutting Machine Tools) Moscow, Trudrezervizdat, 1958. 110 p.
(Series: Novaya tekhnika i perodovyye metody truda) 5,000 copies printed.

Scientific Ed.: B.S. Korshunov, Candidate of Technical Sciences;
Ed.: L.A. Serebrennikova; Tech. Ed.: M.N. Person.

PURPOSE: This booklet is intended for instructors and foremen in labor-reserve schools.

COVERAGE: The book deals with a number of automatic methods of hard facing machine tools. A description is given of hard facing methods employed in several plants. The design of tool blocks to be hard faced with special alloys, heat treated, and machined is discussed. Special fluxes and pastes used for hard facing are also described. The manufacture and use of sintered wire electrodes is briefly treated. No personalities are mentioned. There are six references, all Soviet.

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APPROVED FOR RELEASE: 06/14/2000

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Automatic Hard Facing of Metal-cutting (Cont.)

SOV/2930

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1-20-60

Kosmachev, I. G.

POPILOV, Lev Yakovlevich, LEVINSON, Yevgeniy Maksimovich,; GUTKIN, B.G.,
kand. tekhn. nauk, retsenzent,; KOSMACHEV, I.G., inzh., red.;
BORODULINA, I.A., red. izd-va,; LEYKINA, T.L., red. izd-va.

[Electric metal-machining processes; a survey of foreign
technology] Elektricheskie metody obrabotki metallov; obzor
zarubezhnoi tekhniki. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. lit-ry, 1958. 145 p. (MIRA 11:11)
(Electric cutting machinery)

25(7)

PHASE I BOOK EXPLOITATION

SOV/2093

Kosmachev, Ivan Georgiyevich

Tekhnologiya izgotovleniya bystrorezhushchego instrumenta (Technology of Manufacturing High-speed Cutting Tools) [Leningrad] Lenizdat, 1958. 154 p. 5,000 copies printed.

Ed.: Ye.V. Yemel'yanova; Tech. Ed.: P.S. Smirnov.

PURPOSE: This book is intended for engineers, technicians, and foremen in the cutting-tool manufacturing industry.

COVERAGE: This book reviews the progressive experience of several Leningrad tool and machine-building plants which produce high-speed cutting tools with welded-on, brazed, and inserted tips. Manufacturing methods, the process of making tool holders and tips, their assembly machining, and heat treatment are discussed in detail. The author also describes results of tests conducted to determine the life of tipped-tools, savings in high-speed steel resulting from manufacture of tipped tools, and the organization of tool tip welding departments. No personalities are mentioned. There are 17 references, all Soviet.

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Technology of Manufacturing (Cont.)

SOV/2093

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POPILOV, L.Ya., KOSMACHEV, I.G., red.; MORSHCHEVSKAYA, S.I., red.; RODCHENKO,
N.I., tekhn.red.

[Electric and ultrasonic methods of processing materials]. Elektricheskie
i ul'trazvukovye metody obrabotki materialov.[Leningrad] Lenizdat, 1958.
193 p. (MIRA 11:9)

(Electric metal cutting;
(Ultrasonic waves--Industrial applications)

PHASE I BOOK EXPLOITATION

SOV/3647

Kosmachev, I.G.

Osnovy instrumental'nogo proizvodstva (Fundamentals of Toolmaking). [Leningrad]
Lenizdat, 1959. 359 p. (Series: V pomoshch' molodym rabochim) 15,000
copies printed.

Ed.: Ye.V. Yemel'yanova; Tech. Ed.: P.S. Smirnov.

PURPOSE: This textbook is intended for junior workers in the toolmaking industry.
It may also be useful to students specializing in toolmaking in secondary
technical schools and schools of higher technical education.

COVERAGE: The book deals with modern methods of toolmaking. Designs of cutting
tools, selection of tool materials, manufacture of tipped tools, and heat
treatment and inspection of tools are discussed. No personalities are men-
tioned. There are 21 references, all Soviet.

Card 1/6

KOSMACHEV, I.G.; BORSHCHEVSKAYA, S.I., red.; POL'SKAYA, R.G., tekhn. red.

[Innovations in the manufacture of metal-cutting tools] No-
voe v instrumental'nom proizvodstve. Leningrad, Lenizdat,
1960. 210 p. (MIRA 14:5)
(Metal-cutting tools--Technological innovations)

DEMIN, Yevgeniy Nikolayevich; KOSMACHEV, I.G., red.; BORSHCHEVSKAYA, S.I.,
red.; ONOSHKO, N.G., tekhn.red.

[Design and construction of press molds for plastics] Konstruiro-
vanie pressform dlia plasticheskikh materialov. Pod red. I.G.
Kosmacheva. Leningrad, Lenizdat, 1960. 331 p.

(MIRA 13:7)

(Plastics--Molding)

KOSMACHEV, Ivan Georgiyevich; POPILOV, L.Ya., red.; NIKOLAYEVA, I.D.,
tekh. red.

[Anode and tool machining of metals] Obrabotka metallov anodno-
mekhanicheskim sposobom. Pod obshehei red. L.IA.Popilova. Mo-
skva, Gos. nauchno-tekh. izd-vo mashinostroit. lit-ry, 1961. 82 p.
(Bibliotekhka elektrotekhnologa i ul'trazvukovika, no.3)

(MIRA 14:8)

(Electric metal cutting)

KOSMACHEV, Ivan Georgiyevich; BORSHCHEVSKAYA, S.I., red.; PRESNOVA,
V.A., tekhn. red.

[Electrolytically assisted machining] Rabota na anodno-
mekhanicheskikh stankakh. Leningrad, Lenizdat, 1961. 161 p.
(MIRA 15:6)

(Electric metal cutting)

KURCHENKO, Vladimir Ivanovich; ~~KOSMACHEV, I.G.~~, red.; GRIGOR'YEVA,
I.S., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Use of electric spark machining in the manufacture of
metalworking tools]Primenenie elektroerozionnoi obrabotki
v instrumental'nom proizvodstve. Leningrad, 1962. 17 p.
Leningrad, 1962. (Leningradskii dom nauchno-tekhnicheskoi
propagandy. Obmen peredovym opytom. Seria: Mekhanicheskaiia
obrabotka metallov, no.18) (MIRA 15:11)
(Metalworking machinery) (Electric metal-cutting)

KOSMACHEV, Ivan Georgiyevich; YEMEL'YANOVA, Ye.V., red.; FRUMKIN, P.S.,
tekh. red.

[Handbook for metal-cutting toolmakers] Spravochnaia kniga
instrumental'shchika. Leningrad, Lenizdat, 1963. 358 p.
(MIRA 16:10)

(Metal-cutting tools)

DYKOV, A.T.; YASINSKIY, G.I.; MURASHKIN, L.S., doktor tekhn. nauk,
prof., retsenzent; KOSMACHEV, I.G., dots., red.;
KUREPINA, G.N., red. izd-va; SHCHETININA, L.V., tekhn. red.

[Advanced metal-cutting tools in the machinery industry]
Progressivnyi rezhushchii instrument v mashinostroenii. Mo-
skva, Mashgiz, 1963. 153 p. (MIRA 17:1)

KIZEL'SHTEYN, Vladimir Yakovlevich; KOSMACHEV, I.G., retsenzent;
SVERDIOL M.B., retsenzent; STEPANOV, Ye.V., nauchn. red.;
SMIRNOV, Yu.I., red.

[Chemical and mechanical methods of metal treatment] Khimiko-
mekhanicheskaja obrabotka metallov. Leningrad, "Sudostroenie,"
1964. 139 p. (MIRA 17:4)

KOSMACHEV, I.G.; DETYATKOVSKIY, B.L., inzh., retsenzent

[Pocket handbook for a technologist and metal-cutting tool
maker] Karmannyi spravochnik tekhnologa-instrumental'shchika.
Moskva, Izd-vo "Mashinostroenie," 1964. 323 p.
(MIRA 17:4)

LEVINSON, Ye.M.; LEV, V.S.; KOSMACHEV, I.G., dots., reisenent

[Electric spark equipment] Elektroeruzionnoe oborudova-
nie. Moskva, Mashinostroenie, 1965. 295 p.
(MIRA 18:2)

SEREBRENITSKIY, Pavel Pavlovich; KOSMACHEV, I.G., retsenzent;
SHNYRIKOV, L.Z., retsenzent; YEMEL'YANOVA, Ye.V., red.

[Computer-command, stretching, and control and measuring
devices] Schetno-komandnye, natiazhnye i kontrol'no-
izmeritel'nye ustroistva. Leningrad, Lenizdat, 1965.
184 p. (MIRA 18:7)

KOSMACHEV, I.G., dots., red.; YEMEL YANOVA, Ye.V., red.

[Diamond tools used in the machinery industry] Almaznye
instrumenty v mashinostroenii. Leningrad, Lenizdat,
1965. 261 p. (MIRA 18:8)

KOSMACHEV, Ivan Georgiyevich. Primal uchastiye VAYNTRAUB, D.A.,
kand. tekhn. nauk; MAYZLISH, Ya.B., nauchn. red.;
MAKSIMOVA, Yu.M., red.

[Fundamentals of fitting in tool production] Osnovy sle-
sarnogo dela v instrumental'nom proizvodstve. Moskva,
Vysshaya shkola, 1965. 287 p. (MIRA 18:12)

NIKOLIN, A.V.; BELOV, A.P., kapitan-nastavnik; VAHLAMOV, I.S., kapitan-nastavnik; KOSMACHEV, I.K., kapitan-nastavnik; SARATOV, V.F., kapitan-nastavnik; SHMONIN, M.I., kapitan-nastavnik; BEKMAN, A.A., kapitan; DRUZHININ, A.V., kapitan; IVANINA, B.F., kapitan; POLE-TAYEV, L.A., kapitan; VESHCHILOV, K.A.; VYKHODTSEV, P.K.; SMOLDYREV, A.Ye.; VERESHCHAGIN, Ya.A.; SUTYRIN, M.A.; SAVOSTIN, N.D.; FILYASOV, K.A.; GOLOVUSHKIN, M.P.; IVANOV, A.I.; FILYASOV, K.A., otv.za vypusk; ALEKSEYEV, V.I., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Rules of navigation on R.S.F.S.R. inland waterways] Pravila plavaniya po vnutrennim vodnym putyam RSFSR. Vvedeny v deystvie s 1 marta 1959 g. prikazom ministra rechnogo flota no.28 ot 11 fevralia 1959 g. Moskva, Izd-vo "Rechnoi transport," 1959. 124 p. (MIRA 13:6)

1. Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. 2. Glavnyy revizor po bezopasnosti sudokhodstva (for Nikolin). 3. Nachal'niki besseynovykh sudokhodnykh inspektsiy (for Veshchilov, Vykhodtsev, Smoldyrev). 4. Rabotniki Upravleniya glavnogo revizora po bezopasnosti sudokhodstva (for Vereshchagin, Sutyurin, Savostin, Filyasov). 5. Glavnoye upravleniye vodnykh putey i gidrotekhnicheskikh sooruzheniy (for Golovushkin).

(Inland navigation--Laws and regulations)

KOSMACHEV, I.K., kapitan-nastavnik

Navigation on the section from Rybnaya Sloboda to Lobach Mountain. Rech.
transp. 18 no.3:49-50 Mr '59. (MIRA 12:4)
(Volga River--Navigation)

KOSMACHEV, K.P.

Small mounds. Priroda 42 no.11:111-112 N '53.

(MLRA 6:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Physical geography)

KOSMACHEV, K. P.

"Geography of the Agriculture of the Region Between the Rivers Lena and
Anga (Yakutskaya ASSR)." Cand Geog Sci, Moscow Order of Lenin State U imeni
Lomonosov, Moscow, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KOSMACHEV, K.P., otv.red.

[Materials on the economics of the agriculture of Yakutia]
Materialy po ekonomike sel'skogo khoziaistva Iakutii. Moskva,
Izd-vo Akad.nauk SSSR, 1957. 166 p. (MIRA 13:6)

1. Akademiya nauk SSSR. Iakutskiy filial, Yakutsk.
(Yakutia--Agriculture--Statistics)

KOSMACHEV, K.P.

Diamonds of Yakutia. Geog.v shkole 20 no.4:61-63 J1-Ag '57.
(MLRA 10:7)
(Yakutia--Diamond mines and mining)

KOSMACHEV, K. P.

KOSMACHEV, K.P.

Rural settling of the Lena-Amga mesopotamia. Vop. geog. no.41:
193-205 '57. (MIRA 10:12)
(Lena Valley--Agriculture) (Amga Valley--Agriculture)

VOROB'YEV, V.V., KOSMACHEV, K.P.

First conference of geographers of Siberia and the Far East.
Izv.Sib.otd.AN SSSR no.1:147-148 '60. (MIRA 13:7)
(Geography--Congresses)

KOSMACHEV, K.P.

The Yakut Economic Administrative Region; branch structure and prospects for the development. Trudy Vost.-Sib. fil. AN SSSR no.32:48-60 '60. (MIRA 14:4)
(Yakutia--Economic geography)

BANDMAN, M.K.; BUYANTUYEV, B.R.; POMUS, M.I.; RADNAYEV, G.Sh.;
GOLOVKIN, D.A.; GRIGOR'YEVA, A.A.; KROTOV, V.A.;
DONCHENKO, K.Ya.; KORZHUYEV, S.S.; SHATSILO, Ye.S.;
KOSMACHEV, K.P.; NAUMOV, G.V.; LIKHANOV, B.N.; PETUKHOV,
V.G.; TIKHONOV, A.V.; NEDESHEV, A.A.; SIMANOVSKIY, G.M.;
SHAKHUNOVA, P.A.; SHOTSKIY, V.P.; YEROFEYEV, I.A., red.;
POLOZHENTSEVA, T.S., mladshiy red.; GOLITSYN, A.B., red.
kart; VILENSKAYA, E.N., tekhn. red.

[Eastern Siberia; economic geography] Vostochnaya Sibir';
ekonomiko-geograficheskaya kharakteristika. Moskva, Geog-
rafizdat, 1963. 885 p. (MIRA 16:10)
(Siberia, Eastern--Economic geography)

ACCESSION NR: AR4008225

S/0169/63/000/011/B041/B041

SOURCE: RZh. Geofizika, Abs. 11B263

AUTHOR: Kosmachev, K. P.; Volozhina, V. V.; Smirnova, G. V.

TITLE: The problem of estimating freezes (using East Siberia as an example)

CITED SOURCE: Tr. Zabaykal'sk. kompleksn. n.-i. in-ta. Sib. otd. AN SSSR. Ser. Ekon. i geogr., vy*p. 1, 1963, 103-113

TOPIC TAGS: microclimatology, East Siberian freezing period, freezing period estimation, East Siberia microclimatology

TRANSLATION: The microclimatic conditions in the regions of Eastern Siberia give rise to considerable differences in the duration of the frostless period over very limited areas. The duration of the frostless period may be 40-45 days longer or shorter in a given area than in an adjacent area. The authors point out the need for a more detailed spatial consideration of the arrival of autumn frosts; this will increase the effectiveness of agriculture in Eastern Siberia. In this

Card 1/2

ACCESSION NR: AR4008225

connection the authors discuss the problems of insurance payments on frost-damaged crops. Bibliography with 18 titles. N. Davy*dov.

DATE ACQ: 09Dec63

SUB CODE: AS

ENCL: 00

Card 2/2

TARASOV, Georgiy L'vovich; KOSMACHEV, K.P., st. nauchn. sotr.,
kand. geogr. nauk, retsenzent; PETUKHOV, V.G., nauchn.
sotr., retsenzent; KONSHINA, V.A., red.

[Eastern Siberia] Vostochnaia Sibir'. Moskva, Prosve-
shchenie, 1964. 231 p. (MIRA 18:2)

1. Institut geografii Sibiri i Dal'nego Vostoka Sibirskogo
otdeleniya AN SSSR (for Kosmachev). 2. Institut geografii
AN SSSR (for Petukhov).

KORZHUYEV, S.S.; VITVITSKIY, G.N.; YEGOROV, O.V.; NAUMOV, S.N.;
ZOL'NIKOV, V.G.; KARAVAYEV, M.N.; KACHURIN, S.P.;
KOSMACHEV, K.P.; Prinimali uchastkiye: KORONKEVICH, N.I.;
D'YAKONOV, F.V.; GERASIMOV, I.P., akademik, red.;
PREOBRAZHESNKIY, V.S., red.; RIKHNER, G.D., red.; ABRAMOV, L.S.
red.; ARMAND, D.L., red.; GELLER, S.Yu., red.; ZONN, S.V., red.;
DZERDZEYEVSKIY, B.L., red.; KOMAR, I.V., red.; LAVRENKO, Ye.M.,
red.; LEONT'YEV, N.F., red.; LETUNOV, P.A., red.; L'VOVICH,
M.I., red.; MESHCHERYAKOV, Yu.A., red.; MINTS, A.A., red.;
MURZAYEV, E.M., red.; NASIMOVICH, A.A., red.; POKSHISHEVSKIY,
V.V., red. p POMUS, M.I., red.; ROZOV, N.N., red.; SOCHAVA, V.B.,
red.; FORMOZOV, A.N., red.; YANSHIN, A.L., red.

[Yakutia] Iakutiia. Moskva, Nauka, 1965. 464 p. (MIRA 18:8)

1. Akademiya nauk SSSR. Institut geografii.
2. Institut geografii AN SSSR (for Korzhuyev, Vitvitskiy).
3. Yakutskiy filial Sibirskogo otdeleniya AN SSSR (for Yegorov).
4. Moskovskiy oblastnoy pedagogicheskiy institut im. N.K.Krupskoy (for Naumov).
5. Pochvennyy muzey AN SSSR (for Zol'nikov).
6. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova (for Karavayev).
7. Proizvodstvennyy nauchno-issledovatel'skiy institut stroitel'stva Gosstroya SSSR (for Kachurin).
8. Institut geografii Sibiri i Dal'nego Vostoka Sibirskogo otdeleniya AN SSSR (for Kosmachev).

KOSMACHEV, K.P.

Principal production types of agriculture and settlement in
the Yakut A.S.S.R. and Chita Province. Sap. Zabaik. otd.
Geog. ob-va SSSR no. 24:99-109 '64 (MIRA 19:1)

L 21711-66 EWT(1)

ACC NR: AP6004888

SOURCE CODE: UR/0057/66/036/001/0132/0138

AUTHOR: Zashkvara, V.V.; Korsunskiy, M.I.; Kosmachov, O.S.

65

B

ORG: none

21, 44, 55

TITLE: Focusing characteristics of an electrostatic mirror with a cylindrical field

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 1, 1966, 132-138

TOPIC TAGS: electron optics, mass spectrometry, electrostatic field, electrode potential, charged particle, ion energy

ABSTRACT: The authors discuss focusing of charged particles by the electrostatic field between two coaxial cylindrical electrodes. The ions are assumed to originate in a point source on the common axis of the electrodes and to enter and leave the inter-electrode region through circular slots in the inner electrode. Charged particles with a certain energy, depending on their charge and mass, the potential difference between the electrodes, the radii of the electrodes, the distance between the slots in the inner electrode, and the position of the source, will be brought to a focus on the axis. It is proposed to employ such a system of electrodes to record the energy spectrum of charged particles by keeping fixed the positions of the source and detector and varying the potential on the electrodes. The focusing conditions are derived. It is shown that not only first order, but also second order focusing occurs if the angle between the initial trajectory and the axis is $42^{\circ} 20'$. The authors also calculated the second

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UDC: 537.533.3

L 21711-66

ACC NR: AP6004888

order aberrations and the effect of finite source size, but in the present paper they only discuss the results and do not present the calculations. The energy resolution can be improved by employing multiple focusing with suitable irises in the intermediate image planes to eliminate oblique trajectories. The linear dispersion in energy of the cylindrical capacitor is approximately equal to that of a 180° spherical analyzer of equal size. The quality of focusing is adequate for analysis of ion beams with an angular divergence of 360° in the radial plane and several degrees in the axial plane. Orig. art. has: 17 formulas, 2 figures, and 1 table.

SUB CODE: 20/

SUBM DATE: 03May65/

ORIG REF: 002

OTH REF: 000

Card 2/2 *den*

ACCESSION NR: AP4028964

8/0057/64/034/004/0737/0744

AUTHOR: Zashkvara, V.V.; Kosmachev, O.S.

TITLE: Application in mass spectroscopy of a magnetic analyzer with two-fold focusing of the ion beam

SOURCE: Zhurnal tekhnicheskoy fiziki, v.34, no.4, 1964, 737-744

TOPIC TAGS: electron optics, mass spectrometry, magnetic analyzer, double focusing magnetic analyzer, magnetic analyzer aberration

ABSTRACT: In this paper the authors discuss the second order electron-optical properties of a magnetic analyzer consisting of a sector of a nonuniform axially symmetric field of the type proposed by N.Svartholm and K.Siegbahn, (Arkiv Mat.Astr.Fys. 33A, No.21, 1946). Their purpose is to find suitable configurations for mass spectrometry applications, in which the ion source would be outside the field and the sector angle would be less than $\pi/2$. The differential equations for the trajectories are solved by a perturbation method in which second order terms in the deviations of the orbit from the central circular orbit are included, and the three second order angular aberrations are calculated. In this calculation the effect of the fringe

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ACCESSION NR: AP4028964

field on the beam as it enters and leaves the sector is neglected. It is found that the second order aberrations can be made to vanish for sector angles $\pi\sqrt{2}/2$. Two solutions are possible for the sector angle $\pi\sqrt{2}/2$. In one solution the ratios of the object and image distances to the radius of the central orbit are $\sqrt{2}/2$ and $2\sqrt{2}$, respectively; in the other solution these ratios are reversed. Field configurations are examined for which the image distance is zero, i.e., for which the image is formed at the boundary of the sector. Such a configuration would have the advantage of avoiding the defocusing effect of the fringe field as the beam leaves the sector, although fringe effects would still be present at entrance. No configuration of this type is possible for which all three second order aberrations vanish. Configurations are tabulated for which selected second order aberrations vanish, and suitable configurations are found for which the sector angle is between $140^\circ \times \sqrt{2}$ and $160^\circ \times \sqrt{2}$. Orig.art.has: 31 formulas, 2 figures and 3 tables.

ASSOCIATION: Khar'kovskiy politekhnicheskij institut imeni V.I.Lenina (Khar'kov Polytechnic Institute)

SUBMITTED: 22 Jan63

DATE ACQ: 28Apr64

ENCL: 00

SUB CODE: PH

NR REF SOV: 002

OTHER: 002

Card 2/2

L 54761-65

EWI(1)/EPA(w)-2/EEC(t)/EWA(a)-2 Pz-5/P1-4 IJP(c) AT

ACCESSION NR: AP5015630

UR/0057/65/035/006/1063/1067

AUTHOR: Zashkvara, V.V.; Korsunskiy, M.I.; Kosmachev, O.S. 41/

TITLE: Correction of the angular aberrations of a two-sector electrostatic analyzer 2

SOURCE: Zhurnal tekhnicheskoy fiziki, v.35, no.6, 1965, 1063-1067

TOPIC TAGS: electron optics, ²¹particle spectroscopy, spherical aberration, electrostatic analyzer, nonuniform electric field

ABSTRACT: This paper reports a continuation of earlier work presented in a series of papers by two of the present authors (ZhTF 34,1285, 1964; ZhTF 32,840,1962; PTE 3,21,1959; Tr.Khar'kovsk.politekhn. inst., ser.inzh.-fiz.85, No.3,43,1959). The aberrations of a 180° electrostatic analyzer of special construction due to the angular divergences of the beam in the radial and axial directions were investigated experimentally with a 1 keV electron beam. The construction and theory of the analyzer are discussed in the references cited above. The electrodes were laminated and the potential on them varied linearly

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L 54761-65

ACCESSION NR: AP5015630

in the axial direction. In the present work the 180° sector was replaced by two identical 90° sectors of which the fields could be independently adjusted. The aberrations were minimized by separately adjusting the fields of the two sectors in accordance with the theory presented in the earlier papers. It was found that the resolving power could be increased by a factor of 3 over that attainable with the one-sector instrument, and that the luminosity could be increased by an order of magnitude while decreasing the resolving power by a factor 1.7. It is concluded that other aberrations can also be corrected by employing more independently adjustable sectors. Orig.art.has: 1 formula, 3 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 17Aug64

ENCL: 00

SUB CODE: EM,NP

NR REF SOV: 004

OTHER: 000

Card 2/2

L 10216-66 EWT(1)

ACC NR: AP5028471

SOURCE CODE: UR/0286/65/000/020/0044/0044

AUTHORS: ^{44,55} Zashkvara, V. V.; ^{44,55} Korsunskiy, M. I.; ^{44,55} Kosnachev, O. S.

30
B

ORG: none

TITLE: Analyzer of charged particles by their kinetic energies. Class 21, No. 175584

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 44

TOPIC TAGS: ^{21,44,55} particle detector, particle physics, kinetic energy

ABSTRACT: This Author Certificate presents an analyzer of charged particles by their kinetic energies. The analyzer contains two electrodes and a receiver (see Fig. 1). To increase the sensitivity, the electrodes have the form of two coaxial cylinders. The outer cylinder carries a charge of the same sign as the charge of the particles. The internal cylinder has two annular slits located between the source of the particles and the receiver. The source and the receiver, in turn,

Card 1/2

UDC: 621.384.83

L 10216-66

ACC NR: AP5028471

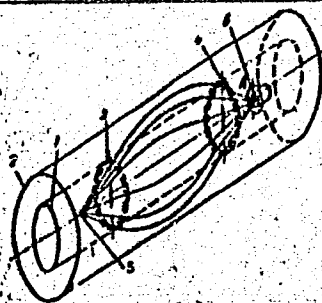


Fig. 1. 1 and 2 - Electrodes;
3 and 4 - slits; 5 - particle
source; 6 - receiver.

are placed on the axis of the cylinders. Orig. art. has: 1 figure.

SUB CODE: 20, 14/

SUBM DATE: 31Aug64

Card 2/2

STRONGIN, S.G., inzhener; KOSMACHEV, S.Ye., inzhener.

Precast reinforced concrete bunkers for electric power stations.
Stroi.prom. 34 no.5:31-33 My '56. (MLRA 9:8)
(Precast concrete) (Hoppers)

BOGOLYUBSKIY, N.; BORISOV, S.; GRIGOR'YEV, N.; GUSAROV, M.; GUSEV, L.;
ZHAROV, S.; ZHETVIN, N.; ZALOGIN, S.; ZOLOTOV, G.; IHOZEMTSEV, H.;
KLEMENT'YEVA, A.; KOMAROV, A.; KOSMACHEV, V.; LAPTEV, V.; LOMONOSOV, V.;
MIKHAYLOV, A.; NOVIKOV, I.; PERTSEV, M.; PROKOPOVICH, P.; ROMANOV, I.;
RUBLINSKAYA, R.; SVIRIDOV, G.; SOTNIKOV, G.; SUBBOTIN, A.; TURANOV, I.;
CHESNOKOV, S.; CHICHKIN, K.; CHIKHANOV, I.

Grigori Markelovich Il'in; an obituary. Metallurg 3 no.10:36 0 '58.
(MIRA 11:10)

(Il'in, Grigori Markelovich, 1894-1958)

KOSTOGLODOV, R ; GORBATOVSKIY I.; KOSMACHEV, V.; PICHUGIN,
A.A., kand. tekhn. nauk, red.

[Plant's second youth] Vtoraya molodost' zavoda. Novo-
sibirsk, Novosibirskoe knizhnoe izd-vo, 1962. 66 p.
(MIRA 18:5)

KOSMACHOV, V.G. [Kosmachov, V.H.]

Characteristics of mineral formation during the diagenesis of
the flysch sediments of the Taurian formation in the Crimea.
Dop. AN URSR no.10:1351-1354 '64. (MIRA 19:12)

1. Khar'kovskiy gosudarstvennyy universitet. Predstavleno
akademikom AN UkrSSR O.S. Vyalovym.

LOGVINENKO, N.V.; KARPOVA, G.V.; KOSMACHEV, V.G.

Genesis of carbonates in terrigenous flysch layers. Izv. vys.
ucheb. zav.; geol. i razv. 6 no.4:77-87 Ap '63. (MIRA 16:6)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
(Carbonates) (Flysch—Analysis)

LOGVINENKO, N.V. [Lohvynenko, M.V.]; KARPOVA, G.V. [Karpova, H.V.];
KOSMACHEV, V.G. [Kosmachov, V.H.]; SHAPOSHNIKOV, D.P.
[Shaposhnykov, D.P.]

Facies of the Taurean terrigenous flysh formation of the
Crimea. Dop. AN URSR no.10:1342-1345 '62.

(MIRA 18:4)

1. Khar'kovskiy gosudarstvennyy universitet.

KOSMACHEV, V.G. [Kosmachov, V.H.]; LAGUTIN, A.A. [Lahutin, A.A.]

Distribution of organic carbon in the Middle and Upper Jurassic terrigenous sediments in the northwestern margin of the Donets Basin and the western part of the Dnieper-Donets Lowland. Dop. AN URSR no.3:372-375 '64.

(MIRA 17:5)

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