

LOGVINENKO, N.V.; KARPOVA, G.V.; KOSMACHEV, V.G.; SHAPOSHNIKOV, D.P.

Genesis of flysch deposits of the Tauric formation in the Crimea.
Dokl.AN SSSR 145 no.4:879-882 Ag '62. (MIRA 15:7)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akademikom N.M.Strakhovym.
(Crimea--Flysch)

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

Some remarks concerning V.S.Sasinovych's article "Significance of
markings in the Taurian formation of the Crimean Mountains." Geol.zhur.
23 no.1:98-101 '63. (MIRA 16:4)

1. Khar'kovskiy gosudarstvennyy universitet im. Gor'kogo.
(Crimean Mountains—Paleontology)
(Sasinovych, V.S.)

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

Recent data on the composition and stage variations of the Mesozoic deposits of southwestern Ciscaucasia. Dokl. AN SSSR 148 no.6: 1370-1373 F '63. (MIRA 16:3)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
Predstavleno akademikom A.L.Yanshinyim.
(Caucasus, Northern--Geology, Structural)

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

Organic carbon in the Taurian flysch formation of the Crimea. Dokl.
AN SSSR 150 no.5:1140-1143 Je '63. (MIRA 16:8)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogò.
Predstavleno akademikom N.M.Strakhovym.
(Crimea--Bitumen)

KOSMACHEV, V. I., Cand Med Sci -- (uiss) "Comparative evaluation of the results of treating a perforating ulcer of the stomach and duodenum by sewing and by primary resection of the stomach," Minsk, 1957, 16 pp, (Minsk State Medical Institute)

(KL, 40-60, 124)

PLISAN, O.G., dotsent; KOSMACHEV, V.I., assistant

Diseases of the surgically treated stomach. Zdrav.Belor. 5 no.1:
9-13 Ja '60. (MIRA 13:5)

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy - professor
P.N. Maslov) Minskogo meditsinskogo instituta.
(STOMACH--DISEASES)

PLISAN, O.G., dotsent; KOSMACHEV, V.I., assistant

Late results following repeated stomach surgery in peptic ulcer.
Zdrav. Bel. 7 no. 4:35-38 Ap '61. (MIRA 14:4)

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy professor
P.N. Maslov) Minskogo meditsinskogo instituta na baze khirurgiche-
skogo otdeleniya 2-oy klinicheskoy bol'nitsy (glavnyy vrach
B.V. Drivotinov).

(PEPTIC ULCER)

KOZLOVSKIY, P.A., kand.med.nauk; KOSMACHEV, V.I., kand.med.nauk

Primary isolated lymphogranulomatosis of the gastrointestinal tract. Khirurgiia no.3:84-88 '62. (MIRA 15:3)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. P.N. Maslov) Minskogo meditsinskogo instituta.
(HODGKIN'S DISEASE) (ALIMENTARY CANAL--DISEASES)

S/081/60/000/019/003/012
A006/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 19, p. 338, # 78028

AUTHOR: Kosmachev, V. P.

TITLE: On the Problem of Electrolytical Gold and Silver Deposition From Cyanide Solutions

PERIODICAL: Sb. nauchn. tr. Kazakhsk. gorno-metallurg. in-ta, 1959, No. 20, pp. 365-376

TEXT: T The author studied basic characteristics of the process of extracting Ag and Au from cyanide solutions. The potentials of Ag deposition out of cyanide solutions on Pb- and Cu-cathodes are similar and equal to 0.6 v and on Hg-cathodes - 0.5 v; potentials of Au deposition on Pb- and Cu-cathodes are 1.1 v. Without stirring the solution, 100% deposition of Ag is obtained within 60 minutes and of Au within 120 minutes. When stirring and heating up to 60°C, a 100% deposition of Ag and Au can be obtained within 45 minutes, whereas during carburizing 2 - 3 hours are spent. Current efficiency of Ag is 70 - 80% at $D_{cath} = 0.046 \text{ amp/dm}^2$. Studies of the process of anode oxidation of amalgams showed that full separation of Au from other impurities can be attained. Z. Solov'yeva
Translator's note: This is the full translation of the original Russian abstract.
Card 1/1

KOSNACHEV, Z.Ye.

Defence of dissertations. Mikrobiologiz 27 no.6:755-759
N-D '58. (MIRA 12:1)

(BACTERIOLOGY)

KOSMACHEVA, L.G.; SHMAYS, I.I.

Bitumen luminescence study of upper Paleozoic sediments in
the Aktyubinsk portion of the Ural Mountain region. Trudy
Inst.nefti AN Kazakh.SSR 3:158-163 '59. (MIRA 13:1)
(Aktyubinsk Province--Bitumen)

AVROV, P.Ya., KOSMACHEVA, L.G.

Mechanism of the formation of salt domes in the northern Caspian
Lowland. Izv. AN Kazakh. SSR. Ser. geol. no.1:19-33 '60.
(MIRA 13:8)

(Caspian Lowland--Geology, Structural)

AVROV, Petr Yakovlevich; ~~KOSMACHEVA, Lyudmila Gavrilovna; SEMENOV,~~
M.N., red.; KHUDYAROV, A.G., tekhn. red.

[Geology, and oil and gas potentials of the Ural Mountain
region of Aktyubinsk Province and in the western part of the
Mugodzhar Hills region] Geologicheskoe stroenie i perspektivy
neftegazoznostnosti Aktiubinskogo Priural'ia i Zapadnogo Pri-
mugodzhar'ia. Alma-Ata, Izd-vo AN KazSSR, 1963. 162 p.
(MIRA 16:9)

(Aktyubinsk Province--Petroleum geology)
(Aktyubinsk Province--Gas, Natural--Geology)
(Mugodzhan Hills--Petroleum geology)
(Mugodzhan Hills--Gas, Natural--Geology)

KOSMACHEVA, M.F.

Studies on the preservation of raw fruits, berries and semiprocessed
products. Trudy VNIIPP no.2:100-112 '59. (MIRA 14:1)
(Fruits--Preservation)

FROM, A.A.; KOSMACHEVSKAYA, G.A.; YURKOV, A.S.

Mechanism of the disintoxicating effect of low molecular poly-
vinylpyrrolidone. Probl. gemat. i perel. krovi no.10:44-49 '62.
(MIRA 17:12)

1. Iz tsitologicheskoy laboratorii (zav. - prof. E.I. Terent'yeva)
i khirurgicheskoy kliniki (zav. - prof. D.M. Grosdov) Tsentral'nogo
ordena Lenina instituta gematologii i perelivaniya krovi (direktor -
dotsent A.Ye. Kiselev).

KOSMACHEVSKIY, A., prof.

Armyworm *Cirphis unipuncta* Naw. in North Vietnam.
Zashch. rast. ot vred. i bol. 10 no.8:52 '65.

(MIRA 18:11)

1. Krasnodarskiy pedagogicheskiy institut.

KOSMACHEVSKIY, A. S.

"Ecology and Distribution Areas of Some Scarabaeidae Species," Dokl.
AN SSSR, 40, No.1, 1943

Dept. Zoology and Entomology, Kirghiz Agric. Inst.

KOSMACHEVSKIY, A.S., professor, doktor biologicheskikh nauk.

Observations on darkling beetles (Tenebrionidae). Est. v shkole no.5:78-80
S-0 '53). (MLRA 6:8)

1. Krasnodarskiy pedagogicheskiy institut imena 15-letiya Vsesoyuznogo
Leninskogo Kommunisticheskogo Soyuza Molodshi. (Beetles)

USSR / General and Specialized Zoology. Insects. P
Forest Pests.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78334

Author : ~~Koamachevskiy, A. S.~~
Inst : Krasnodar State Ped. Institute
Title : Dependence of the Development and Behavior of
Some Scarabaeid Beetles on the Temperature.

Orig Pub : Uch. zap. Krasnodarsk. gos. ped. in-ta, 1957,
fasc. 19, 3-17

Abstract : For the development of *Melolontha hippocastani*,
the sum of the effective temperature (3768°) was
established which makes it possible to determine
the number of generations of this species in the
different parts of the area. At optimal temper-
atures, the development is uninterrupted and is
accomplished in 317 days. A lack of food slows

Card 1/3

USSR / General and Specialized Zoology. Insects. P
Forest Pests.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78334

down the development 20-40%. For egg-laying,
the females prefer open lots covered with bushes.
Middle-aged and ripe pine plantations are readily
populated to a plentitude of 0.4 - 0.6. The fe-
males avoid wet soils. The distributions of the
larvae in the soil is determined by the temper-
ature, humidity, aeration and conditions of
feeding. In the autumn, the larvae descend to
the depth of 100-150 cm., but in the active
feeding condition they prefer to stay in the up-
per layer of the soil. The eastern limit of the
West May beetle is determined by the low winter
temperatures which kill the larvae of this species,
which winter at a small depth (20-50 cm). Briefer
data are given for other species of the beetles.

Card 2/3

Card 3/3

KOSMACHEVSKIY, A.S.

Information on the work of zoologists of Krasnodar Territory.
Zool.zhur. 36 no.10:1594-1595 0 '57. (MIRA 10:11)
(Krasnodar Territory--Zoological research)

KOSMACHEVSKIY, A.S., prof., doktor biol. nauk

Determining the age of wireworms. Zashch. rast. ot vred. i bol.
3 no.5:39-40 S-0 '58. (MIRA 11:10)
(Wireworms)

KOSMACHEVSKIY, A.S.

Larval nutrition of click beetles (Coleoptera, Elateridae)
[with summary in English]. Ent.oboz. 37 no.4:798-806 '58.
(MIRA 11:12)

1. Kafedra zoologii Krasnodarskogo pedagogicheskogo instituta.
(Wireworms)

KOSMACHEVSKIY, Andrey Semenovich, prof.; TSVITKOVA, V.A., red.; KAPYSHEVA,
V.S.; DEYEVA, V.M., tekhn.red.

[Injurious soil insects and measures for their control] Vrednye
pochvennye nasekomye i mery bor'by s nimi. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1959. 82 p. (MIRA 13:1)
(Insects, Injurious and beneficial)

KOSMACHEVSKIY, A.S., prof., doktor biol.nauk

Insect pests found in soil as material for practical work of students. Biol. v shkole no.2:61-64 Mr-Apr '59. (MIRA 12:4)

1. Krasnodarskiy gosudarstvennyy pedagogicheskiy institut.
(Entomology--Study and teaching)

KOSMACHEVSKIY, A.S.

Biology of the click beetles *Agriotes litigiosus* var, *tauricus* Heyd.
and *Agriotes sputator* L. (Coleoptera, Elateridae). Ent. oboz. 38
no.4:738-749 '59 (MIRA 13:3)

1. Kafedra zoologii Krasnodarskogo gosudarstvennogo pedagogicheskogo
instituta, Krasnodar.
(Wireworms)

KOSMACHEVSKIY, A.S.

Method of studying injurious soil insects. Zool.zhur. 39 no.3:
459-461 '60. (MIRA 13:6)

1. Krasnodar Pedagogical Institute.
(Soil fauna)
(Entomological research)

ATABEKOV, I. G.; RAZVYAZKINA, G. M.; ANDRYUSHCHENKO, M. D.;
KOSMACHEVSKIY, A. S., doktor biolog. nauk.

Brief reports. Zashch. rast. ot vred. i bol. 6 no.6:56-57
Je '61. (MIRA 16:4)

1. Nauchnyy rabotnik Izmail'skoy opytnoy stantsii (for
Andryushchenko). 2. Krasnodarskiy pedagogicheskiy institut
(for Kosmachevskiy).

(Plants, Protection of)

KOSMACHEVSKIY, A.S., doktor biolog. nauk; GAYVORONSKAYA, G.M.

Age-related characteristics of the click beetle *Agriotes
obscuris*. Zashch. rast. ot vred. i bol. 7 no.9:45 S. '62.
(MIRA 16:8)

1. Krasnodarskiy pedagogicheskiy institut.
(Click beetles)

KOSMACHEVSKIY, A.S., prof.

Harmful insects in Vietnam. Zashch. rast. ot vred. i bol. 8 no.11:
51-52 N '63. (MIRA 17:3)

KOSMACHEVSKIY, A.S., prof. (Krasnodar)

Strawberry leaf roller. Zashch. rast. ot vred. i bol. 8 no.12:
38 D '63. (MIRA 17:3)

SOLIYENKO, V.O.; BELYAVSKIY, V.Ye.; KOSMACHEVSKIY, B.P.

Selecting the materials for lining ball mills used in pain manufacture.
Lakokras.mat. i ikh prim. no.2:55-57 '63. (MIRA 16:4)
(Milling machinery)

SOLIYENKO, V.O.; BELYAVSKIY, V.Ye.; KOSMACHEVSKIY, B.P.

Selecting nonmetallic grinding bodies for the ball mills used
in the manufacture of paints. Lakokras.mat. i ikh prim. no.4:
59-62 '62. (MIRA 16:11)

BELYATSKIY, D.P., dotsent, kandidat meditsinskikh nauk; KOSMACHEVSKIY,
V., redaktor; ALEKSANDROVICH, Kh, tekhredaktor.

[Concern of the Communist Party and Soviet government for the
health of the people] Zabota Kommunisticheskoi partii i
Sovetskogo gosudarstva o zdorov'e naroda. Minsk, Izd-vo Akademii
nauk BSSR, 1954, 30 p. (MLBA 8:11)
(PUBLIC HEALTH)

KOSMACHEVSKIY, V. K.

USSR/Nuclear Physics - Ionization 21 Jun 53

"Dependence of Relative Primary and Full Ionizations of μ -mesons on Energy," G. P. Yeliseyev, V. K. Kosmachevskiy and V. A. Lyubimov

DAN SSSR, Vol 90, No 6, pp 995-998

Criticize previous works by Western scientists as unreliable; and present spectra, obtained by two different methods, of, respectively, primary (cf. S. Nikitin, ZhETF 18 (1948)) and full ionization for μ -mesons and a method for analyzing measurements of ionization, which authors consider most accurate.

269790

Indebted to A. I. Alikhanov and A. S. Kronrod.
Presented by Acad A. I. Alikhanov 22 Apr 53.

LYUBIMOV, V.A.; YELISEYEV, G.P.; KOSMACHEVSKIY, V.K.

Investigation of cosmic rays at sea level with the aid of the mass-spectro-meter by measuring the impulse and ionizing capacity of individual particles. Izv.AN SSSR.Ser.fiz.19 no.6:720-731 N-D '55.
(MLRA 9:4)

1.Akademiya nauk SSSR.

(Cosmic rays) (Nuclear physics)

LYUBIMOV, V.A.; YELISEYEV, G.P.; KOSMACHEVSKIY, V.K.; KOVDA, A.V.

Pulse dependence of the probability of ionization induced by
 μ -mesons. Izv. AN SSSR.Ser.fiz.19 no.6:753-757 N-D '55.
(MIRA 9:4)

1.Akademiya nauk SSSR.

(Cosmic rays) (Nuclear physics)

KOSMACHOVSKIY, V. K.

USSR/ Physics

Card 1/1 Pub. 22 - 11/49

Authors : Lyubinov, V. A., Eliseev, G. P., Kosmachovskiy, V. K. and Kovda, A. V.

Title : Probable ionization of μ^- -mesons in g.s in the impulse range between $2 \cdot 10^8$ and $1.2 \cdot 10^9$ *ev/c*

Periodical : Dok. AN SSSR 100/5, 883-886, Feb 11, 1955

Abstract : Experiments with relativistic μ^- -mesons are described. The experiments were conducted for the purpose of ascertaining the effect of the velocities of μ^- -mesons (of the energy range between $4 \cdot 10^8$ - $1.2 \cdot 10^9$ *ev/c*) on their ionizing characteristics. The experiments were conducted with the help of a 4-layer proportional counter and of a modern mass-spectrograph. Twelve references: 2 USA, 2 German, 3 British and 5 USSR (1932-1953). Graphs.

Institution :

Presented by: Academician A. A. Alikhanov, July 27, 1954

KOSMACHEVSKIY, V. K.

USSR/ Physics - Cosmic radiation

Card 1/1 Pub. 22 - 14/49

Authors : Lyubimov, V. A.; Kliseev, G. P.; and Kosmachevskiy, V. K.

Title : Measuring the masses by impulse and ionization and the spectra of the impulses of various particles of cosmic radiation at sea level

Periodical : Dok. AN SSSR 102/1, 57-60, May 1, 1955

Abstract : A new method for measuring the masses of particles of cosmic radiation is described. Basically, the new method consists of measuring impulses of ionization produced by a cosmic radiation particle in the free mass of the 4-layer proportional counter inserted between the magnetic poles of the instrument. The complete spectra of nucleous-active particles were constructed with the help of this new method. Three USSR references (1951-1954). Tables; diagrams.

Institution :

Presented by : Academician A. I. Alikhanov, January 28, 1955

KOSMACHEVSKIY, VIK
USSR/Physics - π - mesons
Card 1/1 Pub. 22 - 15/59
Authors : Lyubimov, V. A.; Eliseev, G. P.; and Kosmachevskiy, V. K.
Title : Spectra of the π -Mesons under lead filters of various thicknesses at sea level
Periodical : Dok. AN SSSR 102/2, 249-251, May 11, 1955
Abstract : Experiments with π -mesons, conducted with the help of a spectrograph equipped with a 4-layer proportional counter, are described. The experiments were conducted to obtain π -meson spectra measuring the ionization and pulses of nuclear stops in the catching filters for which 2, 5, 10 and 40 cm lead films were used. Five references: 1 French and 4 USSR (1952-1955). Graphs.
Institution :
Presented by : Academician A. I. Alikhanov, January 28, 1955

Kosmachevskiy, V. K.

INSTRUMENTATION: SCINTILLATORS

"Procedure for Preparing Plastic Scintillators of Large Dimensions",
by V.K. Kosmachevskiy and M.S. Aynutdinov, Pribory i Tekhnika Ekspe-
rimenta, No 3, November-December 1956, pp 49-51.

Description of a procedure for the preparation of flat plastic
scintillators measuring 300 x 100 x 20 mm with small interval absorp-
tion of the intrinsic fluorescent spectrum. Reference is made to an
article by Buch and Swank in Nucleonics, November 1953, p 48.

Card 1/1

KOSMACHEVSKY, V. K.

RESEARCH INTO THE NATURE AND SPECTRA OF
PARTICLES PRODUCED BY HIGH ENERGY NUCLEONS

A. I. Alikhanov, A. V. Khrimyan, V. K. Kosmachevsky
V. L. Avakyan, K. S. Eghtyan, Yu. P. Korotkov, N. A.
Nalbandyan

The nature and the momentum spectra of secondary particles produced in lead by fast cosmic nucleons were studied at an altitude of 3,250 m. above sea level by means of a magnetic mass-spectrometer, five-layer proportional counter and five-layer scintillation counter.

The momentum spectra of π^- -mesons, K-mesons, protons and deuterons, generated by the charged and neutral components of cosmic radiation, are presented.

The spectra of π^\pm -mesons produced by neutrons do not differ from the spectra of π^\pm -mesons produced by fast charged particles. The N_{π^+}/N_{π^-} ratio for π^\pm -mesons generated by protons differs from that for π^\pm -mesons generated by neutrons.

Among the products of stars with momenta up to 720 Mev/c, the number of K-mesons is of the order of 10% of the π^- -mesons. In the 720-1,000 Mev/c range, $N_K/N_p > 0.2$.

In the momentum range up to 1,000 Mev/c, an increase in the number of K-mesons is observed with increase in momentum. An evaluation of the G_n/G_p ratio was undertaken where G_n, G_p are the cross sections of K-meson production by neutrons and protons.

Data are presented on the number of neutrons and protons of different energies

In the momentum range up to 1,000 Mev/c, an increase in the number of K-mesons is observed with increase in momentum. An evaluation of the $\frac{n}{p}$ ratio was undertaken where n, p are the cross sections of K-meson production by neutrons and protons.

Data are presented on the number of neutrons and protons of different energies in cosmic radiation flux at an altitude of 3,250 metres above sea level.

report presented at the International Cosmic Ray Conference, Moscow, 6-11 July 1959.

S/058/61/000/010/021/100
A001/A101

AUTHORS: Khrimyan, A.V., Kosmachevskiy, V.K., Avakyan, V.V., Gorodkov, Yu.V.,
Yegikyan, K.Sh.; Nalbandyan, N.A.

TITLE: Investigation of the nature and spectra of particles produced by
high-energy nucleons

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 97, abstract 10B507 ("Tr.
Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 1", Moscow, AN
SSSR, 1960, 183 - 187)

TEXT: The authors present the results of investigating particles with mo-
menta up to 900 Mev/c produced in lead by high-energy nucleons of cosmic radia-
tion at an altitude of 3,200 m above sea level (the Aragats mountain, Armenia).
The ionizing capability of individual particles was determined with an average
accuracy of $\pm 14\%$ by means of a gas counter and of $\pm 10\%$ by means of five scintil-
lation counters.

L. Dorman

[Abstracter's note: Complete translation]

Card 1/1

KOSMACHEVSKIY, V. V.

Kosmachevskiy, V. V. "Clinical classification of scarlet fever," Sbornik nauch. trudov (Irkut. in-t epidemiologii i mikrobiologii), Issue 4, 1948, p. 209-16

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statel', No. 3, 1949)

KOSMACHEVSKIY, V. V.

Kosmachevskiy, V. V. "Treatment of scarlatinous necrotic angina with bioguinol,"
Sbornik nauch, trudov (Ikut. in-t epidemiologii i mikrobiologii), Issue 4, 1948, p. 217-21

SO: U-3264, 10 April 1953, (Letopis Zhurnal 'nykh Staty, No. 3, 1949)

USSR / Zooparasitology. Parasitic Worms. Helminths of G
Man.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24256.

Author : Kosmachevskiy, V. V., Bondareva, N. V., Savich,
T. Ye.

Inst : Belorussian Institute for the Advanced Training
of Physicians.

Title : Clinical and Epidemiological Peculiarities in
Belorussia.

Orig Pub: Sb. nauchn. rabot Belorussk. in-t usoversh.
vrachey, 1958, 1, 180-184.

Abstract: No abstract.

Card 1/1

KOSMACHEVSKIY, V.V.; BONDAREVA, N.V.; SAVICH, T.Ye.

Clinical aspects of Trichinella infection. Med. paraz. i paraz. bel. 27
no.4:492 J1-Ag '58. (MIRA 12:2)

1. Iz kafedry infektsionnykh bolezney Instituta usovershenstvovaniya
vrachey Belorusskoy SSR.

(TRICHINOSIS, case reports,
clin. course (Rus))

KOSMACHEVSKIY, V.V.

Differential diagnosis of epidemic hepatitis. Trudy LSGMI 46:
54-62 '59. (MIRA 13:11)

1. Kafedra infeksionnykh bolezney Leningradskogo sanitarno-
gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof.
V.V. Kosmachevskiy).

(HEPATITIS, INFECTIOUS)

KOSMACHEVSKIY, Vyacheslav Viktorovich, doktor med. nauk, prof.; ALISOV, P.A.,
prof., nauchnyy red.; VOROB'YEV, G.S., red., izd-va; GURDZHIYEVA, A.M.,
tekh. red.

[Infectious diseases and how to prevent them] Infektsionnye bolezni
i kak ikh predupredit'. Leningrad, Ob-vo po raspr. polit. i
nauchn. znaniy RSFSR, 1961. 42 p. (MIRA 14:12)
(COMMUNICABLE DISEASES—PREVENTION)

KOSMACHOVA, M.F.

Conservation of Vitamin C in the intermediate confectionery products
in the presence of various preservation substances. Kharch.prom. no.
4:46-50 O-D '63. (MIRA 17:1)

KOSMAENKO, K.

KOSMAENKO, K. Problems of highly skilled technicians in the textile industry. p.508

Vol. 4, No. 5, May 1955

TEKSTIL
TECHNOLOGY
Zagreb

SO: MONTHLY LIT OF EAST EUROPEAN ACCESSIONS, (EEAL), VOL. 4, no. 9
Sept. 1955

KOSMAENKO, KONSTANTIN.

YUGOSLAVIA / Chemical Technology. Chemical Products and Their Application. Dyeing and Chemical Treatment of Textiles.

H-34

Pub Jour : Ref Zhur - Khim., No 3, 1958, No 10, 110

Author : Kosmaenko, Konstantin; Vosovic, Branko

Inst : Not given

Orig Pub : Tekstilna ind. 1956, 4, No 2, 59-65

Title : Elementary Calculations for Textile Chemists and Typical Examples of Their Practical Application.

Abstract : Elementary formulas which are used in chemical and technological calculations in the textile industry are gathered. Illustrative examples are given which show calculations of the ratio of components in the bath; the amounts of dyes and chemicals to be charged; the necessary volume from the value of the specific gravity; the specific gravity of mixtures and solutions in degrees Beaume. Examples of stoichiometric calculations, etc., are also given.

Card 1/1

27

KOSMAENKO, K.; KOSMAENKO, V.

Art and technology of our national carpet making. p. 251. TEKSTIL.
(Društvo inženjera i tehničara tekstilaca Hrvatske) Zagreb. Vol. 5, no. 4,
Apr. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

KOSMAENKO, K.

The problem of the protection of materials against moths in the textile industry.

p. 56 (Tekstilna Industrija) Vol. 5, no. 2, Feb. 1957, Belgrade, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) IC, VOL. 7, NO. 1, JAN. 1958

Kosmaenko

YUGOSLAVIA / Chemical Technology. Dyeing and Chemical Treatment of Textiles. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75949.

Author : Kosmaenko.

Inst : Not given.

Title : The Study of the Physical Chemical Properties of Herzegovinian Cotton and its Behaviour in a Treatment Process.

Orig Pub: Tekstilna ind., 1957, 5, No. 12, 425-427.

Abstract: A study was made on the chemical composition of the Herzegovinian cotton in a ripe and semi-ripe state, the fiber and seed yield, the fiber length and the behaviour of cotton in processes of boiling, bleaching and dyeing. The Herzegovinian cotton contains 88.7% of cellulose, its fiber length and amount of impurities make it suitable for the production of coarse cotton fabrics and it is easily dyed by direct dyes.

Card 1/1

Yugoslav rugs. Tekst.prom. 17 no.2:69-70 F '57. (MLRA 10:2)

1. Vysshaya pedagogicheskaya shkola, Sarajevo.
(Yugoslavia--Rugs)

22(1)

YUG/2-59-4-3/16

AUTHORS: Kosmaenko, K.I., Engineer and Professor and
Beljajev, M. Sergije, Engineer and Assistant

TITLE: Methodological Teaching Principles of the Subject
"Processes and Installation of the Chemical Industry"
in Professional Schools (Metodološki principi nastave
predmeta "Procesi i aparati kemijske industrije" u
stručnim školama).

PERIODICAL: Kemija u industriji, 1959, Nr 4, pp 95-96 (YUG)

ABSTRACT: The article emphasizes the need to introduce new
teaching methods for the subject "Processes and In-
stallations of the Chemical Industry". Since purely
descriptive teaching is not sufficient and practical
teaching by visiting individual plants inconvenient in
most cases, new methods should be introduced which
would include theoretical lectures on basic technolo-
gical processes and practical demonstrations on models

Card 1/2

YUG/2-59-4-3/16

Methodological Teaching Principles of the Subject "Processes and
Installation of the Chemical Industry" in Professional Schools

of standard equipment and installations used in these
processes. Suggestions have been made on the type
of basic technological processes which should be taught,
i.e. raw materials processing, such as grinding, sieving,
etc., thermal processing, hydromechanical processing
and special processing methods which are not specialized,
but do not fall into one of the three standard types
mentioned.

ASSOCIATION: Viša pedagoška škola (Teacher's College), Sarajevo.
Zavod za poljoprivredna istraživanja (Institute of
Agricultural Research), Sarajevo.

Card 2/2

KOSMAENKO, Konstantin, prof. dipl. inz. (Sarajevo)

Finishing of kneatwear according to literature. Tekstil
ind Beograd 12 no.12:660-666 '64.

~~✱~~
KOSMAENKO, V.; KOSMAENKO, K.J.

Art and technology of our national carpet making. p. 261. TEKSTIL.
(Društvo inženjera i tehničara tekstilaca Hrvatske) Zagreb. Vol. 5, no. 4,
Apr. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

KOSMAK, A., gornyy dispatcher

Brigade, brigade leader, and mine foreman. Sov. shakht. 12
no.6:27-29 Je '63. (MIRA 16:9)

1. Shakhta No.6 - 6-bis "Bryanka" tresta Kadiyevugol'.
(Coal mines and mining--Management)

KOSMAK, B.

Treatment of tuberculous spondylitis at the Masaryk Therapeutic Center in Vysne Hagy in 1941-1950. Acta chir. orthop traum.cech. 19 no. 1:19-23 1952. (GLML 22:2)

1. Of Masaryk Therapeutic Institute (Head--Kosmak, M. D.) of UNP, Vysne Hagy.

KOSMAK, I.; SANNHOLZER, V.

Certain biophysical characteristics of ultrasonic therapy.
Cas. lek. cesk. 94 no.50:1374-1377 9 Dec 55.

1. VLA v Hradci Kralove.
(ULTRASONICS, therapeutic use,
biophysical aspects)

KOSMAK, I.

Thermal and molecular physics principles and their biological application. Cesk. fysiол. 7 no.4:341-342 July 58.

1. Ustav lekárske fyziky VIA, Hradec Kralove.

(TEMPERATURE,

biol. application of thermal principles (Cz))

(NUCLEAR PHYSICS,

biol. application of principles (Cz))

KOSMAK, I.; MACKU, J.; KALVODA, R.

"Methods of electric measurement in chemistry. II. Feelers for electric measurements in chemistry. (To be contd.)"

p. 222 (Chemie, Vol. 10, no. 3, Mar. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,
September 1958

KOSMAK, I.;PETRLE, M.

Supplementary appliance for clinical registration equipment for
graphic representation of dilution curves. Cesk. fysiolo. 8 no.6:
548-550 N '59

1. Ustav lekarske fysiky Lek. fak. KU a I. interni klinika Lek. fak.
KU, Hradec Kralove.
(HEMATOLOGY, equip. & supply)

KOSMAK, I.

Stable one-way amplifier with a transistorized switch. Cesk.
fysiol.9 no.6:553-556 H '60.

1. Katedra lekarske fysiky lek.fak. KU, Hradec Kralove.
(PHYSIOLOGY equip & supply)

KOSMAK, Ivan

Methods for direct registration of dye dilution curves and their basic use in cardiological diagnosis. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad. Kral.) 4 no.2 suppl.:79-105 '61.

I. Katedra lekarske fyziky; prednosta prof. RNDr. V. Santholzer
II katedra vnitr. lekarstvi; prednosta prof. MUDr. V. Jurkovic.

(HEART DISEASES diag) (DYES)

CZECHOSLOVAKIA

KOSMAK, Ivan; BELOBRADEK, Zdenek; ENDRYS, Jiri; JURKOVIC, Vito; PETRLE, Miroslav; PROCHAZKA, Jaroslav; REHBOR, Jan; and STEINHART, Leo; Center for Heart Surgery of Faculty Hospital (Kardiologické středisko fakultní nemocnice,) Hradec Kralove.

"Dilution Curves and Their Significance."

Prague, Vojenske zdravotnicke listy, Vol 32, No 1, Mar 63; pp 24-28.

Abstract : Detailed description of use of dye indicators in cardiovascular diagnostics and interpretation of dye dilution sequences; normal curve is compared with that in 4 different pathological conditions. Six Czech references.

1/1

PETRLE, Miroslav; KOSMAK, Ivan; ENDRYS, Jiri; BELOBRADEK, Zdenek;
MATEJA, Frantisek.

Congenital isolated pulmonary insufficiency. Sborn.ved.prac.
lek.fak.Karlov.Univ.(Hrad.Kral.) 6 no.3:319-323 '63.

I. I. interni klinika (prednosta:prof., MUDr. F.Cernik);
II.interni klinika (prednosta: prof., MUDr. V.Jurkovic)
a Chirurgicka klinika (prednosta: prof., MUDr.J.Prochazka),
Universita Karlova.

*

KOSMAK, I.; PETRLE, M.; ENDRYS, J.; BELOBRADEK, Z.; JURKOVIC, V.; STEINHART,
L.; SLEZAK, P.

On the methodology of intracardiac phonocardiography. Cor Vasa
6 no.4:281-287 '64.

1. IInd Internal Clinic, Ist Internal Clinic, Surgical Clinic,
Centre for Cardiac Surgery and Radiological Departments, Faculty
of Medicine of the Caroline University, Hradec Kralove,
Czechoslovakia.

SLEZAK, Premysl; STEINHART, Leo; ENDRYS, Jiri; FRANK, Miroslav; KOSMAK, Ivan; BELOBRADEK, Zdenek; PROCHAZKA, Jaroslav, prof. MUDr., DrSc.; REZAC, Vaclav; JURIN, Ivan.

Morphological, hemodynamic and postoperative changes in atrial septal defects demonstrated by a simple X-ray picture. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:109-119 '64.

1. Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky, DrSc.); Chirurgicka klinika (Prednosta: prof. MUDr. J. Prochazka, DrSc.); II. interni klinika (prednosta: prof. MUDr. V. Jurkovic); Detska klinika (prednosta: prof. MUDr. J. Blecha, DrSc.) a I. interni klinika (prednosta : prof. MUDr. F. Cernak) University Karlovy v Hradci Kralove.

ENDRYS, J.; STEINHART, L.; KOSMAK, I.; PETRLE, M.; PROCHAZKA, J.;
BELOBRADEK, Z.; REZAC, V.; SLEZAK, P.

Catheterization of the left heart. Evaluation of experiences with
650 examinations. Vnitřní lek. 11 no.4:331-338 Ap'65.

1. Kardiochirurgické středisko, fakultní nemocnice a lékařská
fakulta Karlovy University v Hradci Králové.

BELOBRADEK, Zdenek; ENDRYS, Jiri; KOSMAK, Ivan; PETRLE, Miroslav;
STEINHART, Leo

Changes of indexes calculated from the left atrial pressure
curve during amyl nitrite inhalation. Storn. ved. prac. lek.
fak. Karlov. Univ. 7 no.5:653-660 '64.

1. II. interni klinika (prednosta: prof. MUDr. V. Jurkovic, DrSc.);
Kardiochirurgicke stredisko (prednosta: prof. MUDr. J. Prochazka,
DrSc.); Vyzkumny ustav experimentalnej terapie, Praha-Krc (pred-
nosta: MUDr. O. Snahel, DrSc.) a Radiologiccka klinika (prednosta:
prof. MUDr. J. Bastecky, DrSc.).

ENDRYS, Jiri; STEINHART, Leo; PROCHAZKA, Jaroslav; SLEZAK, Premysl;
KOSMAK, Ivan; KVASNICKA, Jiri; REZAC, Vaclav.

The degree of mitral insufficiency. Comparison of dilution
technics. Angiography and operative findings. Sborn. ved. prac.
lek. fak. Karlov. Univ. 8 no.4:461-465 ' 65.

1. Kardiochirurgicke stredisko (prednosta: prof. MUDr.
J. Prochazka) Karlovy University v Hradci Kralove.

KOSMAK, Ivan; ENDRYS, Jiri; PETRLE, Miroslav; FRANK, Miroslav;
BELOBRADEK, Zdenek; STEINHART, Leo; SLEZAK, Premysl

The intracardial phonocardiogram in aortic stenosis. Sborn. ved.
prac. lek. fak. Karlov. Univ. 7 no.5:661-664 '64.

1. II. interni klinika (prednosta: prof. MUDr. V. Jurkovic, DrSc.)
Kardiochirurgicke stredisko (prednosta: prof. MUDr. J. Prochazka,
DrSc.); Vyzkumny ustav exper. terapie, Praha-Krc (prednosta: MUDr.
O. Smahel, DrSc.) a Radiologicka klinika (prednosta: prof. MUDr.
J. Bastecky, DrSc.).

PROCHAZKA, Jaroslav, prof. MUDr., DrSc.; BRZEK, Vladimir; ENDRYS, Jiri;
KOSMAK, Ivan; STEINHART, Leo; JURIN, Ivan; SLEZAK, Premysl;
FINGERLAND, Antonin, prof. MUDr., DrSc.

Experience with surgical treatment of congenital aortic stenosis.
Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:85-96 '64.

I. Kardiochirurgicke stredisko a chir. klinika (prednosta: prof. MUDr. J. Prochazka, DrSc.); II. interni klinika (prednosta: prof. MUDr. V. Jurkovic); Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky, DrSc.) a Patologicko-anatomicky ustav (prednosta: prof. MUDr. A. Fingerland, DrSc.) Karlovy University v Hradce Kralove.

ENDRYS, Jiri; KOSMAK, Ivan; SLEZAK, Premysl; PROCHAZKA, Jaroslav, prof. MUDr., DrSc.; STRINHART, Leo; JURIN, Ivan; FRANK, Miroslav.

Early systolic snap in aortic stenosis. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:97-108 '64.

I. Kardiochirurgicke stredisko a chir. klinika (prednosta: prof. MUDr. J. Prochazka, DrSc.); II. interni klinika (prednosta: prof. MUDr. V. Jurkovic); Radiologicka klinika (prednosta: prof. MUDr. J. Bastecky, DrSc.) a Detska klinika (prednosta: prof. MUDr. J. Elecha, DrSc.) University Karlovy v Hradci Kralove.

STEINHART, L.; ENDRYS, J.; SLEZAK, P.; PROCHAZKA, J.; DITE, B.; PETRLE, M.;
BELOBRADEK, Z.; KOSMAK, I.; FRANK, M.

Transseptal levography in congenital and acquired diseases of
the heart and of the large vessels. Cesk. radiol. 19 no. 4/5:
253-259 Ag '65.

1. Radiologicka, chirurgicka, I. interni, II. interni a detska
klinika lekarstve fakulty Karlovy University v Hradci Kralove,
CSSR.

KOSMAK, Ivan, MUDr. (Hradec Kralove, Pospisilova tr.); SKRANEC, Oldrich;
HAVEL, Vladimir.

A simple pulse counting device. Prac. lek. 17 no.3:107-109
Apr'66.

I. II. interni klinika (prednostar prof. dr. V. Jarkovic);
katedra fyziologie (vedouci: prof. dr. J. Hejka) lekarske
fakulty Karlovy University v Hradci Kralove.

PETRLE, M.; PROCHAZKA, J.; ENDRYS, J.; BELOERADEK, Z.; KOSMAK, J.; STEINHARDT, L.;
VIZDA, J.

Recurrent tight mitral stenosis. Cor. vasa 6 no. 2:104-111'64

1. 1st and IIInd Internal Clinics, Surgical Clinic and Radio-
logical Clinic, Faculty of Medicine, Caroline University,
Hradec Kralove, Czechoslovakia.

X

KREJCI, V., inz.; KOSMAK, J.

Electromagnetic lamellar connection disk clutches. Strojirenstvi
14 no.4:306-311 Ap '64

1. Prerovske strojirny National Enterprise, Prerov, Research and
Development Department.

KREJCI, Vaclav, inw.; KUSMAK, Josef

Electromagnetic clutches with metal-ceramic friction material,
an important element in the automation of mechanical processes.
Zpravy pras metal Sumperk no.4:27-41 '62

1. Prerovske strojiny, narodni podnik, Prerov.

Kosnák, Ladislav

Kosnák, Ladislav. On certain sequences of sets of points on a circle. *Casopis Pěst. Mat.* 80 (1955), 299-307. (Czech)

1-FW

From a set $S^{(0)} = \{A_0^{(0)}, A_1^{(0)}, \dots, A_{n-1}^{(0)}\}$ of n points arranged, in this order, on a circle, a sequence of similar sets $S^{(k)} = \{A_0^{(k)}, A_1^{(k)}, \dots, A_{n-1}^{(k)}\}$ is defined recursively as follows: the i th point $A_i^{(k+1)}$ of $S^{(k+1)}$ divides the arc $A_i^{(k)}A_{i+1}^{(k)}$ in the ratio $b : (1-b)$, where $0 < b < 1$ ($A_n^{(k)} = A_0^{(k)}$). The author proves: (i) if $a_i^{(k)}$ is the angle subtended by $A_i^{(k)}A_{i+1}^{(k)}$ at the centre of the circle, then $\lim_{k \rightarrow \infty} a_i^{(k)} = 2\pi/n$; (ii) if b is a rational number p/q (p, q relatively prime), then the $A_i^{(k)}$ have exactly nq limit points, equally spaced round the circle; and (iii) if b is irrational, then every point on the circle is a limit point. This generalizes a result by J. Brejcha who considered the case $n=4, b=1/2$ [Prace Moravskoslezské Akad. Ved. Pírod., Brno 24 (1952), 347-358; MR 16, 277].

F. A. Behrend (Melbourne).

RUBIK, L.

Characterization of chordal and tangential polynomials. p. 454.

OLSKA PIS'HO MATEMATIKI PATEBARIKI vol. 80, no. 4, Nov. 1955

Czechoslovakia

so. ENSTI MATEMATIČESKIH NAUK vol. 9, no. 7 July 1956

5263:

Kosmák, Ladislav. Une note sur les fonctions convexes. Czechoslovak Math. J. 6.31 (1956), 420-425. (Russian summary)

Let f be a function continuous on the segment $\langle a, b \rangle$ and let $P_{\langle a, b \rangle}$ be the polynomial function of second degree which is the best approximation (supremum norm) to f on $\langle a, b \rangle$. Let

$$E_{\langle a, b \rangle} = \max_{a \leq x \leq b} |f(x) - P_{\langle a, b \rangle}|.$$

If $f \neq P_{\langle a, b \rangle}$ on $\langle a, b \rangle$ let $m_{\langle a, b \rangle}$ be the maximum number of elements in a finite sequence

$$a \leq \xi_1 < \xi_2 < \dots < \xi_k$$

such that $|f(\xi_i) - P_{\langle a, b \rangle}(\xi_i)| = E_{\langle a, b \rangle}$ and $f(\xi_i) - P_{\langle a, b \rangle}(\xi_i)$ alternates in sign with i . If $f = P_{\langle a, b \rangle}$ in $\langle a, b \rangle$ let $m_{\langle a, b \rangle}$ be

3. The author announces the following theorem. The function $f(x)$ defined and continuous on $\langle a, b \rangle$ is convex if and only if for every subsegment, $\langle \alpha, \beta \rangle$, of $\langle a, b \rangle$ one has

$$E_{\langle \alpha, \beta \rangle} \leq \frac{(\beta - \alpha)^2}{2(m_{\langle \alpha, \beta \rangle} - 1)^2} c_{\langle \alpha, \beta \rangle},$$

where $c_{\langle \alpha, \beta \rangle}$ is the coefficient of x^2 in $P_{\langle \alpha, \beta \rangle}$.

(In making the direct proof the author assumes that at a certain point x_1 of maximum distance the derivative of f exists and equals $P'_{\langle a, b \rangle}(x_1)$. The reviewer has not verified that this derivative exists although the author states that it is easily seen. It seems likely that a modification of the proof may be made even if the derivative does not exist.)

P. C. Hammer (Madison, Wis.)

Kosmaty, L

THE THEORY OF APPROXIMATION

518.8

V. Dolzhal and

L. Kosmaty

Maths 2

good

Some

2000

The uniform approximation is defined and its properties are stated in a number of theorems (without proofs). It is shown that the functions of the class $C(a, b)$, which are continuous and single-valued within a closed interval from a to b , can be approximated in a uniform manner either by the Bernstein algebraic polynomials or by the De la Vallée Poussin trigonometric polynomials. The problem of optimum uniform approximation is shown to lead, for some functions of the class $C(a, b)$, to the Chebyshev polynomials. The uniform approximation is considered in terms of the n -dimensional geometry, the approximated functions being of the class L^n . Here the approximation is carried out by orthogonal systems such as: trigonometric functions, Legendre, Chebyshev, Laguerre and Hermite polynomials and Bessel functions.

In Czech.
 are stated in a number of theorems (without proofs). It is shown that the functions of the class $C(a, b)$, which are continuous and single-valued within a closed interval from a to b , can be approximated in a uniform manner either by the Bernstein algebraic polynomials or by the De la Vallée Poussin trigonometric polynomials. The problem of optimum uniform approximation is shown to lead, for some functions of the class $C(a, b)$, to the Chebyshev polynomials. The uniform approximation is considered in terms of the n -dimensional geometry, the approximated functions being of the class L^n . Here the approximation is carried out by orthogonal systems such as: trigonometric functions, Legendre, Chebyshev, Laguerre and Hermite polynomials and Bessel functions.

KOSIAR, L.

N. I. Akhiezer's Theory of Approximations; a book review. p. 202

CASOPIS PRO PŘEDČASOVÁNÍ MATEMATIKY
Vol. 31, no. 2, May 1956

Czechoslovakia

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 11 Nov. 1956

KOSMAK, L.; KOUTSKY, K.; NOVOTNY, M.

Additive irreducible elements and additive bases in a combination. In German.
p. 165. (SPISY, No. 374, 1956, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KOSMAK, L.

Focus studies. I.

p. 160 (CASOPIS PRO PESTOVANI MATEMATIKY) Vol. 82, no. 2, May 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

SEDLAK, Frantisek (Radlicka 98, Praha XVI-Radlice); KOSMAK, Ladislav
(Kotlarska 2, Brno)

A study of focal curves. Part II. Cas pro pes. mat 86 no.3:352-357 '61.

1. Přírodovědecká fakulta university J. E. Purkyně, Brno.

KOSMAK, Ladislav (Kotlarska 2, Brno)

Note on the countable numbers in the plane. Cas pro pes mat 86 no.3:
358-359 '61.

1. Prirodovedecka fakulta university J. E. Purkyne, Brno.

BAUER, Jaroslav, inz., kandidat technických ved; HRICHOVA, Renata, inz.;
VOLAK, Ivo; KOSMAK, Milan

Possibilities of industrial use of pyrope waste from the
Česke středohori Mountains. Geol průzkum 6 no. 6:172-173
Je '64.

1. Chair of Mineralogy, Higher School of Chemical Technology,
Prague; Motorpal National Enterprise, Prague.

16.6500
16.2600

88895

S/044/60/000/007/052/058
C111/C222

AUTHOR:

Kosmakov, A.V.

TITLE:

On the question on the general graphical-analytic method for the determination of the first approximate values of the complex roots of algebraic equations of higher order.

PERIODICAL: Referativnyy zhurnal. Matematika, no.7, 1960, 226. Abstract no.8312. Uch.zap.Irkutskiy finans.-ekon.in-t, 1958, vyp.7, 3-51

TEXT: The principal idea of the article consists in the following. Given e.g. the algebraic equation of fourth degree with real coefficients: $x^4 + p_1x^3 + p_2x^2 + p_3x + p_4 = 0$. Let this equation in fancy be replaced by: $(x^2 + ax + b)(x^2 + a_1x + b_1) = 0$. Putting each of these two factors equal to y then one obtains the equations of two parabolas: $y = x^2 + ax + b$ and $y = x^2 + a_1x + b_1$. But if the given equation is replaced by the equation $-(x^2 + ax + b)(x^2 + a_1x + b_1) = 0$ and each of the factors is put equal to y^2

Card 1/2

88895

S/044/60/000/007/052/058
C111/C222

On the question on the general...
then one obtains two equations: $y^2 = -(x^2+ax+b)$ (equation of a circle)
and $y^2 = x^2+a_1x+b_1$ (equation of a hyperbola).

With the aid of this scheme, basing on numerical examples the author gives a rule for the determination of the abscissa of the center and the square of the radius of the mentioned circle (in the case of complex roots the radius is purely imaginary); that gives the possibility to write the polynomial x^2+ax+b . In some places the representation is confused and unintelligible. There are inaccuracies.

[Abstracter's note: The above text is a full translation of the original Soviet abstract.]

KOSMAKOV, G.P.; NESHEL'M, Ye.V.

Case of diaphragmatic hernia of traumatic origin. Vest.rent.1
rad. 35 no.1:64-65 Ja-F '60. (MIRA 13:10)

1. Iz kafedry rentgenologii (zav. - prof. D.G. Rokhlin) i kafedry
fakul'tetskoy terapii (zav. - prof. T.S. Istamanova) I Leningradskogo
meditsinskogo instituta imeni akademika I.P. Pavlova (dir. A.I. Ivanov).
(HERNIA DIAPHRAGMATIC radiogr.)

KRUTENKO, Ye.G., kand.sel'skokhozyaystvennykh nauk; KOSMAKOVA, I.A., agronom

Buckwheat in Sverdlovsk Province. Zemledelie 24 no.5:56-57
My '62. (MIRA 15:7)

1. Nizhne-Tagil'skiy pedagogicheskiy institut.
(Sverdlovsk Province--Buckwheat)

3(2)

AUTHOR:

Kosmakova, O. P.

SOV/6-59-4-8/20

TITLE:

Editorial Work in the Preparation of Maps on a Scale of
1 : 25000 at the Vostochno-Sibirskoye Aerogeodetical Enterprise
(Redaktsionnaya rabota pri sozdaniy kart masshtaba 1 : 25000
v Vostochno-Sibirskom AGP)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 4, pp 24-30 (USSR)

ABSTRACT:

In 1950 the Vostochno-Sibirskoye aerogeodesicheskoye pred-priyatiye (Vostochno-Sibirskoye Aerogeodetical Enterprise) started the topographical survey on a scale of 1:25000. The first sections of these maps showed big errors as the work was carried out without an editor. The further sections are growing better. For this purpose, technical training was introduced in workshops and for the field squads. Besides, the students (candidates for diplomas) of the Irkutskiy universitet imeni Zhdanova (Irkutsk University imeni Zhdanov), who worked as trainers in the service, developed concrete types of representation for the characteristic landscapes. Since 1953, technical conferences of the editors have been taking place every year in winter. On the basis of editorial instructions by the editors of the field squads and the instructions of the GUGK,

Card 1/3

Editorial Work in the Preparation of Maps on a Scale of 1 : 25000
at the Vostochno-Sibirskoye Aerogeodetical Enterprise

SOV/6-59-4-8/20

the chief editor gives the editorial instructions for the whole service. In the field work, the editors take care that the instructions are followed by the topographers. In the work of map composition, the editorial plan is set up by the map editor or by the chief editor. The editing method depends on the methods of topographical survey and of map composition. The different methods possible are described in short. The activity of a field editor in the East Siberia Aerogeodetical Service is then described in detail here. The area of Siberia is poorly described in publications, and the regions to be cartographed are therefore mainly studied by the editor on the map on a scale of 1 : 100000. In advance, he sets up a scheme for the photographic flights. He compares the data of the photographic flights with the phenological and hydro-meteorological data. Then he sets up the scheme of landscapes and the hydrographic scheme. One of the most difficult tasks is the coordination of the water levels. There is a lack of water gauge stations; levels vary between 3 and 8 m in height and 2 - 3 km in length; the longitudinal profile of the rivers is mostly irregular. The major part of these regions are swampy (mari and poymy), the vegetation in them comprises up

Card 2/3

SOV/6-59-4-8/20
Editorial Work in the Preparation of Maps on a Scale of 1 : 25000
at the Vostochno-Sibirskoye Aerogeodetical Enterprise

to 11 kinds of plants. The editors, in common with the students, have established the definitions and marks for the different kinds and stages of these swamps and for the different plants. They are described in short here and shown in figure 3. In connection with forest fires, uprootings and the subsequent return to a wild state, the most different varieties of landscapes arise. Recommendations for representing the fire places and uprootings are given here. V. P. Aref'yeva, Editor, suggested a procedure for distributing marks for rocky areas to represent the exit places of mother rock. V. A. Drushinina, Editor, worked out this procedure (Fig 4). There are 4 figures.

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KOSMAKOVA, O.P.

Editorial work in representing vegetation on topographic maps.
Geod.1 kart. no.1:43-49 Ja '60. (MIRA 13:6)
(Maps--Symbols)

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B116/B202

AUTHOR: Kosmakova, O. P.

TITLE: Cols and their representation on the topographic map on a scale of 1 : 25,000

PERIODICAL: Geodeziya i kartografiya, no. 2, 1961, 27-30

TEXT: The author deals only with those cols which she studied in the areas of the Vostochno-Sibirskoye aerogeodezicheskoye predpriyatiye (East Siberian Geodetical Enterprise). She discusses the representation of cols on large-scale topographic maps and criticizes mechanical drawing. A survey of the various forms of cols is given by means of figures. They can be divided into symmetrical and asymmetrical forms. The former comprise cols with symmetric position of the same contour lines on opposite sides, the latter comprise those with asymmetric position of the contour lines. The symmetric cols were formed on basic rocks with homogeneous geological structure under the action of erosion processes, mainly processes of progressive erosion. They are either narrow or wide (width signifying the distance between the high sides of the col), or long or

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