

STOGNIY, I.I.; BOVSUNOVSKIY, A.I.; SHAPOVALOV, P.T., nauchnyy sotrudnik;  
KUDARENKO, F.F., nauchnyy sotrudnik; ZELINSKIY, A.A., nauchnyy sotrudnik;  
SOROCHINSKAYA, N.F., nauchnyy sotrudnik

Farm management system on sugar beet growing collective farms.  
Zemledelie 7 no.12:21-29 D '59. (MIRA 13:3)

1. Predsedatel' kolkhosa imeni Lenina Zhashkovskogo rayona (for Stogniy). 2. Inspektsiya po sel'skomu khozyaystvu Zhashkovskogo rayona (for Bovsunovskiy). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly (for Shapovalov, Kudarenko Zelinskiy, Sorochinskaya).

(Sugar beets) (Collective farms)

MEL'NIK, Viktor Danilovich; BOVSUNOVSKIY, Anton Ivanovich; KOZLOVSKIY, N.I., nauchnyy red.; CHIRKOV, A.V., red.; PEREDERIY, S.P., tekhn. red.

[New technology for growing sugar beets] Novaia tekhnologiya  
vzdelevaniia sakharnoi svekly. Moskva, Proftekhizdat, 1962.  
61 p. (MIRA 16:1)

1. Mekhanizator kolkhoza "Bol'shevik" Zhashkovskogo rayona  
Cherkasskoy oblasti (for Mel'nik).  
(Zhashkov District—Sugar beets)

BOVSUNOVSKIY, A.I.; SHAPOVALOV, P.T., kand. sel'skokh. nauk

Intensive system of agriculture in action. Zemledelie 25  
no.6:13-20 Je '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly. 2. Glavnyy agronom Zhashkovskogo proizvodstvennogo upravleniya, Cherkasskaya oblast' (for Bovsunovskiy).  
(Zhashkov region—Agriculture)

KARTAVOV, Sergey Alekseyevich, prof.; LEVCHENKO, Andrey Matveyevich, kand. tekhn. nauk; RUDNIK, Sergey Sergeevich, doktor tekhn. nauk; BOVSUNOVSKIY, Yakov Ivanovich, kand. tekhn. nauk; BAZHENOV, Ivan Ivanovich, kand. tekhn. nauk; KOVALENKO, Vladimir Vladimirovich, kand. tekhn. nauk; LOMACHENKO, Zinaida Nikolayevna, kand. tekhn. nauk; MIL'SHTEYN, Mark Zel'manovich, kand. tekhn. nauk; RADCHENKO, Yuliya Gavrilovna, kand. tekhn. nauk; REZNICHENKO, Mikhail Petrovich, kand. tekhn. nauk; TRUBENOK, Aleksandr Davidovich, kand. tekhn. nauk; KHRISTICH, Zakhar Dem'yanovich, kand. tekhn. nauk; SHNAYDERMAN, Isay Yakovlevich, kand. tekhn. nauk; GOLUBOV, N.P., kand. tekhn. nauk, retsenzent; DUMANSKAYA, V.A., kand. tekhn. nauk, retsenzent; MAKSIMOV, G.D., kand. tekhn. nauk, retsenzent; YAKOVENKO, G.A., kand. tekhn. nauk, retsenzent

[Technology of the manufacture of machinery] Tekhnologiya mashinostroeniia. [By] S.A.Kartavov i dr. Kiev, Tekhnika, 1965. 526 p. (MIRA 18:7)

1. Kafedra tekhnologii mashinostroyeniya Kiyevskogo politekhnicheskogo instituta (for all except Golubov, Maksimov, Yakovenko).

BOVSUNOVSKIY, Yakov Ivanovich; SVECHNIKOV, Lev Vasil'yevich; NEVSKIY,  
B.N., inzh., retsenzent; SOROKA, M.S., red.izd-va; GORNOSTAYPOL'SKAYA,  
M.S., tekhn. red.

[Mechanization and automation of control operations in the manufac-  
ture of machines and instruments] Mekhanizatsiia i avtomatizatsiia  
kontrol'nykh operatsii v mashinostroenii i priborostroenii. Mo-  
skva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 313 p.  
(MIRA 15:2)

(Automation) (Machinery industry)  
(Instrument manufacture)

TOL'SKIY, A.A.; BAZILEVSKIY, A.R.; V rabote prinimali uchastiye: BUSHNEV,  
V.Ya.; BOVT, I.I.

Using kaolin wastes in making converter bottoms. Ogneupory 25 no.8:  
357-359 '60. (MIRA 13:9)

1. Yenakiyevskiy metallurgicheskiy zavod. (for Tol'skiy, Basilevskiy).  
(Kaolin) (Metallurgical furnaces)

BOVT, T.

~~Multiple-purpose brigades using cutter-loaders in stopes of the~~  
Kuznetak Basin. Mast. ugl. 4 no.1:12-13 Ja '55. (MLRA 8:6)

1. Upravlyaushchiy trestom Leninugol' kombinata Kuzbassugol'.  
(Kuznetak Basin--Coal mines and mining)

BOYTENKO, D.V., vetvrach

Treating necrobacillosis in cattle with bioycin. Veterinariin  
35 no.3:59 Mr '58. (MIRA 11:3)

1. Kasharskiy spirtsovkhozkombinat, Belgorodskoy oblasti.  
(Cattle--Diseases and pests) (Aureomycin)



BOVT, T.Z.

Activity of the technical and economic council of the Kuznetsk Basin  
Economic Council. Biul. tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.  
i tekh.inform. 17 no.7:86-89 J1 '64.  
(MIRA 17:10)

1-43936-63

ACCESSION NR: AR4046576

S/0271/64/000/008/2012/2012

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SOURCE: Ref. zh. Avtomat., telemekh. i vychisl. tekhn. Svodnyy ton, Abs. 8B88

AUTHOR: Bovtun, V. G.; Kuprik, B. K.; Skerskiy, K. K.

TITLE: Outfit for observing and reporting amplitude characteristics of quadripoles

CITED SOURCE: Sb. Tekhn. kibernetika. Kiyev, Gostekhizdat USSR, 1963, 116-119

TOPIC TAGS: quadripole, curve plotter

TRANSLATION: The point-by-point measuring of amplitude characteristics of various computer elements (amplifiers, function generator, multiplication-division circuits, transistors, semiconductor diodes, etc.) results in large errors and requires much time. An outfit is described which permits obtaining quadripole amplitude characteristics automatically and recording them on chart paper with an error of 1% or less. The outfit comprises a variable-parameter sawtooth-voltage (SV) generator, a scale divider, and an indicating voltmeter. Recording is performed on EPP-09 potentiometer; observation, on an electron oscilloscope. The voltage SV divider is required for selecting the recording scale which is attained by varying the SV applied to the test quadripole. In the SV generator, the rate of voltage rise is attained by

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varying the time constant of the charge-discharge circuit and also by varying the input voltage. Both rising and falling SV's are recorded which permits determining the hysteresis properties of the quadripole. A principal circuit based on electron tubes is supplied. Bibliography: 2 titles.

SUB CODE: EC

ENCL: 00

*llc*  
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2/2

*Bovtuta, N.V.*

136-10-12/13

**AUTHORS:** Malkin, Ya.Z., Sergiyenko, V.Ya., Bovtuta, N.V.,  
Yudelevich, I.G.

**TITLE:** Extraction of Tellurium from Some Lead-Industry Products  
(Iz vlecheniye tellura iz nekotorykh produktov svintsovogo  
proizvodstva)

**PERIODICAL:** Tsvetnyye Metally, 1957, Nr 10, pp.80-87 (USSR)

**ABSTRACT:** The authors describe results of work carried out at the Chimkent lead works with the object of finding the concentration of tellurium in various materials involved in lead production and of determining methods for its recovery. The concentrates received at the works have 0.005-0.700% Te and the distribution of the element in different products (Tables 1 and 2) showed that some contained increased concentrations, particularly alkali skimmings from the oxygen refining of bismuth. A method for recovering elementary tellurium from these is described; and it is shown that the element can also be recovered from slag from the melting of sodium antimonate. Details are given of two new spectroscopic methods developed for determining tellurium in lead (1-0.006%), bismuth (1-0.003%), tin (1-0.01%) and antimony (1-0.005%) and also in

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Extraction of Tellurium from Some Lead-Industry Products.

stannate and antimonate. Personnel from the Institute of Metallurgy and Beneficiation of the AN Kaz SSR (Institut metallurgii i obogashcheniya AN Kaz SSR) and the Mintsvetmetzoloto organization participated in this work. There are 3 figures, 5 tables and 2 Slavic references.

ASSOCIATION: Chirkent Lead Works (Chirkentskiy Svintsovy Zavod)

AVAILABLE: Library of Congress.

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SOV/136-58-8-8/27

AUTHORS: Malkin, Ya.Z., Sergiyenko, V.Ya., Bovtuta, N.V., and  
Yudelevich, I.G.

TITLE: Extraction of Tellurium and Indium from Antimony Slags  
(Izvlечeniye tellura i indiya iz sur'myanistykh shlakov).

PERIODICAL: TsvetnyyeMetally, 1958, Nr.8, pp.34-39 (USSR)

ABSTRACT: The authors have previously shown (Ref.1) that at the  
Chimkent lead smelters the tellurium-content of the  
slag from re-smelting of sodium antimonate can reach  
0.2-0.8%. Since these slags also contain indium the  
authors carried out work to determine the nature of the  
distribution of this element in the various products of  
the lead industry (Table 1) as a preliminary to the  
development of a process to recover it and tellurium.  
It was found that the indium tends to concentrate in the  
dry dross during de-coppering of crude lead. This dross,  
dusts from the shaft smelting of sinter or circulating  
materials or antimony slag could be used for indium  
recovery. The last material, obtained from a pilot-  
plant, was chosen, its composition being 9.6% Sb;  
0.29% Pb, 0.05% Cu, 0.55% As, 0.65% Sn, 0.67% Fe, 0.99% Al,

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Extraction of Tellurium and Indium from Antimony Slags.

1.4% S (total), 0.5% S (sulphide), 5.64% SiO<sub>2</sub>, 10.87% NaOH, 54.65% Na<sub>2</sub>CO<sub>3</sub>, 0.3-0.9% Te, 0.01-0.02% In. It was found that tellurium and indium stay in the solid residue (Table 2). After a sulphatizing roast at 250-300°C the indium can be leached out by water at 85-90°C but the tellurium is practically insoluble. Based on this a flowsheet (Fig.) has been devised which gives elementary tellurium (by caustic-soda leaching of the insoluble residue from the indium leaching, followed by electrolysis) and an indium concentrate from which metallic indium can be obtained. There is 1 figure, 5 tables and 4 Soviet references.

ASSOCIATION: Chinkentskiy svintsovyi zavod (Chimkent lead smelters).

1. Slags--Properties 2. Indium--Separation 3. Tellerium  
--Separation 4. Electrolysis

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*BOVVA, DL*

ZHATOV, I.V.; PETROV, A.A.; AGEYEVA, V.A.; UKHANOVA, V.A.; BOVVA, D.L., red.;  
TYUTYAYEV, B.A., red.

[Novgorod Province during forty years of the Soviet regime, 1917-1957;  
a statistical manual] Novgorodskaya oblast' za 40 let Sovetskoi  
vlasti (1917-1957); statisticheskii sbornik. [Novgorod] Knizhnaya  
red. gazety "Novgorodskaya pravda," 1957. 501 p. (MIRA 11:3)

1. Novgorodskaya oblast'. Statisticheskoye upravleniye. 2. Nachal'-  
nik Novgorodskogo oblastnogo statisticheskogo upravleniya (for  
Bovva). 3. Novgorodskoye oblastnoye statisticheskoye upravleniye  
(for Zhatov, Petrov, Ageyeva, Ukhanova)  
(Novgorod Province--Statistics)



ZHAVORONKOV, N.M.; GIL'DENBLAT, I.A.; RAMM, V.M.; BOVVEN, V.S.

I'quid holdup in the packing of absorption columns. Trudy MKHTI  
no.33:75-83 '61. (MIRA 14:10)

(Packed towers)

SANDS<sup>o</sup>, N.M.; BOVIKIN, B.A.

Spectrophotometric and potentiometric study of isomeric  
ions of trithiosemicarbazide-cobalt (III). Uch.zap.Kish.un.  
68:15-19 '63 [cover '64]. (MIRA 18:12)

ABLOV, A.V., akademik; BOVYKIN, B.A.; SAMUS', N.M.

Co (III) ~~chloride~~ containing a water molecule and a molecule of ammonia or of organic amine in their inner sphere. Dokl. AN SSSR 163 no.3:635-637 J1 '65.  
(MIRA 18:7)

1. Kishinevskiy gosudarstvennyy universitet. 2. AN Moldavskoy SSR (for Ablov).

ABLOV, A.V.; BOVKIN, B.A.; SAMUS', N.M.

Detachment of protons from cobalt (III)dioximines containing thiourea. Zhur.neorg.khim. 11 no.1:60-66 Ja '66.

(MIRA 19:1)

1. Kishinevskiy gosudarstvennyy universitet, Kafedra neorganicheskoy khimii. Submitted June 8, 1964.

137-58-6-12026

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 120 (USSR)

AUTHORS: Okunev, A.I., Bovykin, V.S.

TITLE: Behavior of Cadmium During Fuming of Slags (Povedeniye kadmiya pri f'yumingovanii shlakov)

PERIODICAL: Tr. i materialy. Ural'skiy n.-i. i proyektn. in-t medn. prom-sti, 1957, Nr 2, pp 361-364

ABSTRACT: An analysis of the behavior of Cd in the process of fumigation of Zn slags shows that practically 100% of the Cd are driven off within the first few minutes of slag blowing. The extraction of Cd into sublimates reaches the value of  $\sim 100\%$ . Thus, at the Flin-Flon plant the content of Cd in the initial and in the waste slags amounts to 0.0036% and 0.0008% respectively, while the Cd content in sublimates constitutes 0.066%. The extraction of Cd into the sublimates constitutes 80%, and in excess of 100% when taken in terms of the Cd driven off into the sublimates. 1. Cadmium--Separation 2. Zinc ores--Processing 3. Slags--Properties G.S.

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27 27 27  
Activity of zinc oxide in lead-antimony lead

W. M. Sturtevant

1. Ural'skiy nauchno-issledovatel'skiy i proizvodstvennyy  
kombinat promyshlennosti Khabarovskaya oblast' i Ussuriyskiy

BOWBELSKA, IRENA

WIERZBICKI, Josef; BOWBELSKA, Irena

Water, electrolyte and protein metabolism in the early postoperative stage in partial gastrectomy. Polski tygod.lek. 10 no.12:354-360 21 Mar 55.

1. Z I Kliniki Chirurgicznej Akademii Medycznej w Poznaniu; kierownik: prof. dr St.Nowicki. Otrzymano: 1.III. 1954; adres: Poznan, ul. Długa 1.

(STOMACH, surgery,

excis., partial, postop. water, electrolyte & protein metab.)

(BODY FLUIDS,

water-electrolyte balance, changes in postop. gastrectomy)

(PROTEINS, metabolism,

in postop. gastrectomy)

PISKORZ, A.; BOWBELSKA I.

Effect of hypothermia induced by largactil on acute ischemia of the extremities. Polski przegl.chir. 27 no.7:641-646 July '55.

1. Z I Kliniki Chirurgicznej A.M. w Poznaniu, Kierownik: prof. dr St. Nowicki.

(BODY TEMPERATURE,

hypothermia, exper. induced by chlorpromazine, eff. on peripheral blood circ. in rabbits)

(BLOOD CIRCULATION

peripheral, insuff., eff. of hypothermia induced by chlorpromazine in rabbits)

(CHLORPROMAZINE

in induced hypothermia, eff. on peripheral blood circ. in rabbits)



~~BOWBELSKA, IRENA~~

~~BOWBELSKA, Irena; BRODZINSKA, Kazimiera~~

Auto-agglutination in Raynaud's disease. Polski tygod. lek. 12 no.41:  
1561-1564 14 Oct 57.

1. Z I Kliniki Chirurgicznej A. M. w Poznaniu; kierownik prof. dr  
St. Nowicki. Adres: Poznan, Długa 1/2.

(RAYNAUD'S DISEASE; blood in,  
auto-hemagglut. (Pol))

(HEMAGGLUTINATION, in var. dis.  
auto-hemagglut. in Raynaud's dis. (Pol))

PERZYNA, Tadeusz, BOWBELSKA, Irena, SOJKA, Stanislaw

Effect of hypothermia on the behavior of electrophoretic fractions of  
blood proteins in rabbit. Polski przegl. chir. 30 no.2:103-110  
Mr '58

1. Z I Kliniki Chirurgicznej A.M. w Poznaniu. Kierownik: prof. dr.  
St. Nowicki. Adres autorow: Poznan, ul. Długa 1, I Klinika Chirurgiczna  
A.M.

(BLOOD PROTEINS, determ.  
electrophoresis, eff. of hypothermia in rabbits (Pol))  
(HYPOTHERMIA, eff.  
on blood protein electrophoresis in rabbit (Pol))

BOWBELSKA, Irena

Observations on French anesthesiology. Polski przegl. chir. 33  
no.10:1155-1164 '61

1. Z I Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr  
St. Nowicki.

(ANESTHESIOLOGY)

BOWBELSKA, Irena

Effect of deep hypothermia induced with cooled circulating  
blood on the oxygen utilization. Poznan. tow. przyjac. nauk  
wydz. lek. 31:5-37 '65

BOWBELSKA, Irena

Danger of explosion in surgery. Pol. przegl. chir. 37 no.6:  
646-654 Je '65.

1. Z I Kliniki Chirurgicznej AM w Poznaniu (Kierownik: prof.  
dr. S. Nowicki).

BONENNA, Zawirska (Wroclaw, ul. Chalubinskiego 5.)

Congenital listeriosis. Pat. polska 10 no.1:103-118 Jan-Mar 59.

1. Z Zakladu Anatomii Patologicznej A.M. we Wroclawiu Kierownik:  
prof. dr Z. Albert.

(LISTERIA, infections,  
congen., autopsy (Pol))

BOWKIEWICZ, Janusz; HAN KIU LON

Kaschin-Beck disease. Polski przegl. radiol. 20 no.4:203-215  
July-Aug 56.

1. Z. Pracowni Radiolog. Szpitala PCK w Ham Hynie--Korea  
Zakl. Rad. Lek. A.M.--W-wa, Chalubinskiego 5.  
(BONE DISEASES, radiography  
Kaschin-Beck dis. (Pol))  
(JOINTS, diseases  
Kaschin-Beck dis., x-ray (Pol))

Bowkiewicz

ZGLICZYNSKI, Leszek; CZECHOWSKA, Zofia; Han-Kiu-Uon; BOWKIEWICA, Janusz

Paragonimiasis pulmonum; comparative studies on anatomopathological and radiological changes in experimental animals and in humans. Polski przegl. radiol. 21 no.1:51-62 Jan-Feb 57.

1. Z Zakładu Radiologii Szpitala P.C.K. w Hamhynie (K.R.L.D.)  
Kierownik: doc. dr. Zgliczynski. Dyrektor: doc. T. Orłowski.  
Adres: Warszawa 45, Zeromskiego 64-40.

(DISTOMIASIS,

lungs, histopathol. & x-ray changes in clin. & exper. cases (Pol))

(LUNG DISEASES,

paragonimiasis, histopathol. & x-ray changes in clin. & exper. cases (Pol))



ZLICZYŃSKI, Leszek, BOWKIEWICZ, Janusz

Radiodiagnosis technic applied to the peripheral arteries with special reference to arteriosclerosis. Polskie arch.med.wewn. 28 no.2:265-275 1958

1. Z Zakładu Radiologii Lekarskiej Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich w Warszawie Kierownik; prof. dr. nauk med. W. Zawadowski  
Adres autora: Warszawa 45, ul. Zeromskiego 64 m. 40.

(VASCULAR DISEASES, PERIPHERAL, diagnosis  
arteriography, technic & results (Pol))  
(ARTERIOSCLEROSIS, diagnosis  
arteriography, technic & results (Pol))

BOWKIEWICZ, Janusz; ALEKSANDROWICZ, Teresa

Radiodiagnosis of an acute bowel obstruction (ileus). Polski przegl.  
22 no.3:169-186 May-June 58.

1. Z Zakładu Radiologii Lekarskiej A. M. w Warszawie Kierownik: prof. dr  
nauk med. W. Zawadowski i z I Kliniki Chirurgicznej A. M. w Warszawie  
Kierownik: prof. dr T. Butkiewicz.

(INTESTINAL OBSTRUCTION, diag.  
acute, x-ray diag. (Pol))

BOWKIEWICZ, Janusz; ZGLICZYNSKI, Leszek; MARZINEK, Boleslaw; NIEJUBOWICZ, Jan

Technic and diagnostic possibilities of splenoportography. Polski przegl. radiol. 23 no.3:175-190 May-June 59.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski Z I Kliniki Chirurgicznej Akademii Medycznej w Warszawie Kierownik: prof. dr nauk med. T. Butkiewicz.

(ANGIOGEOGRAPHY,

splenoportography, technic & diag. value (Pol))

BOWKIEWICZ, Janusz

Collateral circulation in cases of obstruction of the abdominal aorta and arteries of the pelvis and lower extremities. Polski przeegl.radiol. 23 no.4:229-249 J1-Ag '59.

1. Z Zakladu Radiologii Lekarskiej A. M. w Warszawie Kierownik prof. dr nauk med. W. Zawadowski.

(ANGIOGRAPHY)

(LEG blood supply)

(PELVIS blood supply)

(AORTA dis)

MIERNOWSKI, Stanislaw; WESOLOWSKI, Stefan; ZGLICZYNSKI, Leszek; BOWKIEWICZ,  
Janusz; KRZESKI, Tadeusz

Phlebography of the lower vena cava (preliminary communication).  
Polski przeegl.radiol. 23 no.4:251-256 J1-Ag '59.

1. Z Zakladu Radiologii Lekarskiej A. M. w Warszawie Kierownik:  
prof. dr nauk med. W. Zawadowski Z Kliniki Urologicznej A.M. w  
Warszawie Kierownik: prof. dr med. S. Wesolowski.

(ANGIOGRAPHY);

(VENAE CAVAE radiography)

BONKIEWICZ, Janusz; ZGLICZYNSKI, Leszek; MIERNOWSKI, Stanislaw; TOCZEK, Stanislaw; HUDNICKI, Stanislaw; HAFTEK, Jan

Cerebral angiography in the region of the internal carotid artery (preliminary communication). Polski przeegl.radiol. 23 no.5:283-297 S-0 '59.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski i z Kliniki Neurochirurgicznej A.M. w Warszawie Kierownik: prof. dr med. J. Chorobski.  
(CEREBRAL ANGIOGRAPHY)

BOWKIEWICZ, Janusz; ZGLICZYNSKI, Leszek; NIELUBOWICZ, Jan

Abdominal aortography. Indications, technic, studies and prevention of complications. Polski przeegl.radiol. 23 no.5:299-311 S-0 '59.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski z I Kliniki Chirurgicznej A.M. w Warszawie Kierownik: prof. dr med. T. Butkiewicz.  
(ANGIOGRAPHY)

ZGLICZYNSKI, Leszek; NOWKUNSKI, Jerzy; BOWKIEWICZ, Janusz; RUDZINSKI, Jerzy;  
MIERNOWSKI, Stanislaw

Clinical application of pelvic arteriography in obstetrics and  
gynecology. Polski przeegl.radiol. 23 no.6:419-426 N-D '59.

1. Z Zakladu Radiologii Lekarskiej Instytutu Doskonalenia, i  
Specjalizacji Kadr Lekarskich Kierownik: prof. dr nauk med.  
W. Zawadowski Z Kliniki Poloznictwa i Chorob Kobietych Instytutu  
Matki i Dziecka w Warszawie Kierownik: prof. dr med. J. Lesinski.  
(ANGIOGRAPHY)  
(PELVIS blood supply)



BOWKIEWICZ, Janusz; MIERNOWSKI, Stanislaw

A new bronchographic contrast medium propylidon-Cilag.  
Polski presegl.radiol. 23 no.6:443-446 H-D '59.

1. Z Zakladu Radiologii Lekarskiej A. M. Kierownik: prof.  
dr nauk med. W.Zawadowski.

(CONTRAST MEDIA)  
(BRONCHIA radiogr)

MIERNOWSKI, Stanislaw; ZGLICZYNSKI, Leszek; BOWKIEWICZ, Janusz

Role of angiography in cases of tumors of the lower extremities.  
Polski przegl.radiol. 24 no.5:295-303 S-O '60.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie, Kierownik:  
prof. dr nauk med. W. Zawadowski.  
(LEG neoplasms)  
(ANGIOGRAPHY)

ZGLICZYNSKI, Leszek; BOWKIEWICZ, Janusz; MIERNOWSKI, Stanislaw

Arteriovenous anastomoses and fistulae. Polski tygod. lek. 16 no.47:  
1804-1809 20 N '61.

1. Z Zakladu Radiologii Akademii Medycznej w Warszawie; kierownik:  
prof. dr med. W. Zawadowski.  
(FISTULA ARTERIOVENOUS radiog) (ANGIOGRAPHY)

BOWKIEWICZ, Janusz

Arteriography of the lower extremity with the application of a special seriograph. Polski przegl. radiol. 25 no.2:195-201 '61.

1. Z Zakladu Radiologii Lekarskiej A.M. w Warszawie Kierownik: prof. dr nauk med. W. Zawadowski.

(ANGIOGRAPHY)

ZGLICZYNSKI, L.; BOWKIEWICZ, J.

A simple device for hanging pictures on the negatoscope. Pol.  
przeł. radiol. 27 no.1:97 '63.

1. Z Zakładu Radiologii AM w Warszawie Kierownik: prof. dr  
W. Zawadowski i z Pracowni Radiologicznej Szpitala Bielańskiego  
w Warszawie Kierownik: dr med. J. Bowkiewicz.  
(EQUIPMENT AND SUPPLIES) (TECHNOLOGY, RADIOLOGIC)

BOWKIEWICZ, Janusz; FURMAN, Włodzimierz; SŁONIEWICZ, Witold;  
TUBIELEWICZ, Jarosław; ZALUSKA, Józef

Lymphography with the use of oily contrast media. Pol. przegl.  
radiol. 27 no.6:493-499 '63.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala  
Bielńskiego w Warszawie Kierownik: dr med. J. Bowkiewicz  
Z Oddziału Chirurgii Ogólnej Miejskiego Szpitala Bielńskiego  
Ordynator: doc. dr med. W. Wiechno.

(LYMPHOGRAPHY) (CONTRAST MEDIA)

BOWKIEWICZ, Janusz; FUJMAN, Włodzimierz; SŁONIEWICZ, Witold; ZAŁUSKA, Józef

Radiological anatomy of the iliac and lower lymphatic system.  
Pol. przegl. radiol. 28 no.5:389-392 S-0 '64

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala  
Bielńskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz)  
i z Oddziału Chirurgii (ogólnej Miejskiego Szpitala Bielńskiego  
w Warszawie (Kierownik: doc. dr. med. W. Wisłomo).

BONKIEWICZ, Janusz; BULSKA, Malgorzata; FURMAN, Wlodzimierz; KOBUSZEWSKA-  
FARYNOWA, Maria; KUCHARCZYK, Kazimierz; SZUCKA, Halina; ZALUSKA,  
Jozef,

Lymphography in cases of early cancer of the cervix uteri (preliminary communication). Pol. przegl. radiol. 28 no.5:395-400  
S-O '64

1. Pracowni Rentgenodiagnostycznej Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. Bonkiewicz); z Katedry Położnictwa i Ginekologii Studium Doskonalenia Lekarzy w Warszawie (Kierownik: prof. dr. med. M. Bulska) i z Oddziału Chirurgii Ogólnej Szpitala Bielanskiego w Warszawie (Ordynator: doc. dr. med. W. Wiechno).



BOWKIEWICZ, Janusz; FURMAN, Włodzimierz; ZALUSKA, Józef

Adaptation of the bone table x-ray apparatus XD-12 for abdominal angiography. Pol. przegl. radiol. 28 no.5:491-494 8-9 62.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala Bielanskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz).

BOWKIEWICZ, Janus; HRYNIEWIECKI, Tadeusz; KRASZEWSKI, Włodzimierz

Transaortal catheterization and angiocardiocinematography  
of the left heart. Pol. przegl. radiol. 28 no.6:497-510  
N-D '64.

1. Z Katedry Kardiologii Studium Doskonalenia Lekarzy w  
Warszawie (Kierownik: prof. dr. med. E. Zera).

BOWKIEWICZ, Janusz; FURMAN, Włodzimierz; ZALUSKA, Jozef

Multiscope 10. Pol. przegl. radiol. 28 no.4:381-382 J1-Ag '64.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala  
Bielanskiego w Warszawie (Kierownik: dr med. J. Bowkiewicz).

BOWKIEWICZ, Janusz; FURMAN, Włodzimierz; ZALUSKA, Jozef

Remote control drum seriograph for arteriographic examination  
of extremities. Pol. przegl. radiol. 28 no.4:383-387 J1-Ag '64.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala  
Bielanskiego w Warszawie (Kierownik: dr med. J. Bowkiewicz).

BOWKIEWICZ, Janusz; HRYNIEWIECKI, Tadeusz; KRASZEWSKI, Włodzimierz

Cine-atriography in cases of atrial septal defects. Pol. przegl. radiol. 29 no.1:19-25 Ja-F'65.

1. Z Katedry Kardiologii Studium Doskonalenia Lekarzy w Warszawie (Kierownik: prof. dr. med. E. Zera).

BOWKIEWICZ, Janusz; FURMAN, Włodzimierz; ZAIUSKA, Jozef

The 4-compartment wall or mobile negatoscope. Pol. przegl.  
radiol. 29 no.3:349-351 My-Je '65.

1. Z Pracowni Rentgenodiagnostycznej Miejskiego Szpitala  
Bielanskiego w Warszawie (Kierownik: dr. med. J. Bowkiewicz).

BOWKIEWICZ, Janusz; KLAMUT, Marian; ZAKRZEWSKI, Mieczyslaw; ZALUSKA, Jozef

Automatic syringe for angiography. Pol. przegl. radiol. 29 no.4:  
445-454 J1-Ag '65.

1. Z Pracowni Rentgenodiagnostycznej Szpitala Bielanskiego w  
Warszawie (Kierownik: dr. med. J. Bowkiewicz).

BOWSZYC, C.

Error in measuring the function of correlation p. 87

LACZNOSC. (Politechnika Gdanska) Poznan, Poland. No. 2, 1959

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 9, Sept 1959  
uncla.



BCWSZIC, Jerzy

Analysis of syphilis morbidity in the Gdansk Region during 1955-1959. Przegl.derm. Warsz. 47 no.5:399-408 S-O '60.

1. Z Kliniki Dermatologicznej A.M. w Gdansku Kierownik: prof. dr Fr.Miedzinski i z Wojewodskiej Przychodni Dermatologicznej w Gdansku Dyrektor: dr A.Makriewicz-Szumka.  
(SYPHILIS epidemiol)

BOWSZYC, Jerzy; SAMET, Alfred

Studies on the level of benzathine G penicillin in the blood of patients with early syphilis. Przegl. dermat. 49 no.2:127-136 '62.

1. Z Kliniki Dermatologicznej AM w Gdansk Kierownik: prof. dr F. Miedzinski Z Zakladu Mikrobiologii AM w Gdansk Kierownik: prof. dr S. Krynski.

(PENICILLIN blood) (SYPHILIS ther)

MIEDZINSKI, Franciszek; BOWSZYC, Jerzy

Modern treatment of syphilis in the light of clinical observations  
and laboratory studies. Przegł. derm. 49:247-256 '62.

1. Z Kliniki Dermatologicznej AM w Gdansk w Kierownik: prof. dr  
F. Miedzinski.

(SYPHILIS)

BOWSZYC, Jerzy

Treatment of early syphilis penicillin for prolonged action (dibenzyl-  
ethyldiamino-penicillin). Preliminary communication. Przegł. dermat. 48  
no.3:227-234. '61.

1. Z Kliniki Dermatologicznej A.M. w Gdansk Kierownik: prof. dr  
F. Miedziński.

(SYPHILIS ther) (PENICILLIN ther)

KOZAKIEWICZ, Jerzy; BOWSZYC, Jerzy

Studies on artificial blister test in various diseases of the skin.  
Przegl. dermat. 49:41-44 '62.

1. Z Kliniki Dermatologicznej AM w Gdansk Kierownik: prof. dr  
F. Miedzinski.

(DERMATOLOGY) (UREA) (SKIN TESTS) (BLISTER)

BOWSZYC, Jerzy

Nelson's reaction in the evaluation of the results of treatment  
of early symptomatic syphilis. Przegl. dermat. 52 no.1:5-11 Ja-P'65.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Gdansk.  
(Kierownik: prof. dr. F. Mielinski).

BOWSZYC, Jerzy

Sensitization to chromium, cobalt and nickel compounds in patients with occupational eczema. Przegl. dermat. 52 no.3: 237-242 My-Je '65.

1. Z Kliniki Dermatologicznej AM w Gdansk (Kierownik: prof. dr. F. Miedzinski).

- Boxhinov, S.

BULGARIA/Pharmacology and Toxicology - Tranquilizers.

V.

Abs Jour : Ref Zhur - Biol., No 2, 1959, 9001

Author : Uzunov, G., Boxhinov, S., Georgiyev, I.

Inst : -

Title : Study of the Action of Largactil on Rabbits after Seizures Induced by Electric Current or Cardiazol

Orig Pub : S"vrem. med., 1958, 9, No 3, 23-27

Abstract : It was shown that Largactil (L), alongside with a hypnotic effect, also exerts an epileptogenic action. Intravenous administration of 5 mg/kg of 2% solution of L to rabbits after ten electroconvulsive seizures produces tonic and clonic spasms followed by a phase of sleep. 18-100 minutes after the cessation of electrically induced convulsive seizures, the epileptogenic effect of L disappears. -- From the authors' summary

Card 1/1

- 1 -



BOXOKI, G.; FENYVES, E.; FRENKEL, A.; GOMBOSI, Eva

On the quasi-elastic character of inelastic two-prong  $\pi^- - p$  interactions at 7 and 16 GeV/c. Acta phys Hung 16 no. 4:355-360 '64.

1. Central Research Institute of Physics, Budapest. Presented by Lajos Janossy.

L 43866-66 T

ACC NR: AP6032577

SOURCE CODE: BU/0011/65/018/012/1141/1144

AUTHOR: Elenkov, D.; Boyadjiev, H.

ORG: Institute of General and Inorganic Chemistry, BAN

TITLE: Absorption of sulfur dioxide in water and aqueous solutions of surface-active agents

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 12, 1965, 1141-1144

TOPIC TAGS: gas absorption, surface active agent, sulfur compound, chemical laboratory apparatus, water, aqueous solution

ABSTRACT: The present paper reports on the absorption of sulfur dioxide in water and aqueous solutions of surface-active agents in a nozzleless Venturi tube with aqiant feeding of the absorbent. The purpose was to investigate the course of absorption of a medium-soluble gas in this type of absorber and to check the effect of admixtures with surface-active behavior on the mass exchange. Investigations were carried out in the regions  $Re - 1.44 + 3.27 \cdot 10^4$ ; gas velocity in absorber neck - 40 to 120 m/sec; relative consumption -  $0.6-6.0 \cdot 10^{-3} \text{ m}^3/\text{m}^3$  of gas with bulk concentrations of sulfur dioxide - 0.67, 1.96, 4.62, and 6.79 per cent; water and  $10^{-3}$ ,  $10^{-2}$ ,  $10^{-1}$  aqueous solutions of Nekat BX. Results are presented in the form of graphs and a table. The article concludes with the establishment of several empirical formulas. This paper was presented by Academician D. Ivanov on 17 September 1965. Orig. art. has: 3 figures, 2 formulas and 1 table. [Orig. art. in Eng. / JPRS: 36, 4647

SUB CODE: 07 36, 4647 / ORIG REF: 001 / SOV REF: 002 / OTH REF: 004

Card 1/1

25  
B

0919 2430

BOYADJIEV, L. [Boiadzhiev, L.]

Mechanism of mass transfer in the presence of surface active agents. Doklady BAN 16 no. 2:145-148 '63.

1. Institute of General and Inorganic Chemistry, Bulgarian Academy of Sciences, Sofia. Submitted by Academician D. Ivanov.

L 37834-89

ACC NR: AP6028478

SOURCE CODE: BU/0011/65/018/011/1055/1058

AUTHOR: Boydjjeva, A.; Hadjiolov, D.

ORG: Institute of Morphology, BAN

TITLE: Histological and ultrastructural changes in the liver of rats fed 3'-methyl-4-dimethylaminoazobenzene

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 11, 1965, 1055-1058

TOPIC TAGS: rat, liver, histology, drug effect, tumor, organic azo compound, cytology, cytoplasm

ABSTRACT: A number of cancerogenic substances such as azo-dyes, nitrosamines, and aminofluorenes cause centrolobular parenchymal degeneration in the liver. However, the effect of large doses of azo-dyes or nitrosamines on the liver cell, followed in brief periods of time, can differ essentially from the conditions which occur upon receiving continuously small doses of the same cancerogens. The present work investigated the effect of continuous feeding of 3'-methyl-4-dimethylaminoazobenzene (3-Me-4-DAB) on the ultrastructure of the liver cell of male albino rats. Liver slices taken on the 30th, 60th, and 90th days after the start of the experiment were subjected to histological investigation using an electron microscope. The article contains a detailed description of the findings. It is emphasized that under the conditions of chronic intoxication with azo-dyes there is a marked simultaneous injury to the entire cytoplasm: endoplasmatic reticulum, ribosomes, and

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077 2036

ACC NR: AP6028478

mitochondria. However, the nucleus remains relatively intact even under conditions of distinct destruction of the cytoplasmatic structures. This paper was presented by Academician A. Hadjiolov on 2 August 1965. Orig. art. has: 5 figures. [Orig. art. in Eng.] [JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: 02Aug65 / OTH REF: 005

Card 2/2 mlf

DJALDETTI, A. [Dshadeti, A.]; BOYADJIKVA, M. [Boiadzhieva, M.]

Toward a precise methodological definition of mental diseases and related problems. Folia med. (Plovdiv) 6 no.2:104-107 '64

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv, Bulgarie (Directeur: prof. K. Tcholakov [deceased] et Institut de Hautes Etudes Medicales de Sofia, Bulgarie (Directeur. academicien G. Ouzounov [Uzunov.G.]).

GRIGOROV, N.L.; TRETYAKOVA, C.A.; SHESTOPEROV, V.J.; BABAYAN, C.P.;  
BOYADSYAN, B.S.; MASSALSKI, J.; NIZIOL.B.; OLES, A.

Integral spectrum of nuclear active particles at mountain altitudes from the investigation of high ionization pulses. Acta physica Pol 24 no.3:357-371 S'63.

1. Institute of Nuclear Physics, University, Moscow (for Grigorov, Tretyakova, Shestoperov). 2. Institute of Nuclear Physics, Armenian Academy of Sciences, Yerevan (for Babayan, Boyadshyan). 3. Institute of Nuclear Research, Laboratory of High Energy Physics, Krakow, and II Department of Physics, Academy of Mining and Metallurgy, Krakow (for Massalski, Niziol and Oles).

BOYADZGUEV, E.

Drum Switch. "RADIO" Ministry of Communication, #9:42: Sept 55



BOYADZHAN, A. (Yerevan)

Design of a voltage regulator. Radio no.6:48-49 Je '65.

(MIRA 18:10)

BOYADZHAN, A.s., inzh.

Cascoded preamplifier. Radio no.11:34 N '65.

(MIRA 18:12)

BOYADZHAN, G.K., aspirant

Origin and course of tuberculosis in chicks kept in infected buildings.  
Veterinariia 35 no.10:54-56 O '58. (MIRA 11:10)

1. Vsesoyuznyy institut eksperimental'noy veterinarii...  
(Tuberculosis in poultry)

**BOYADZHAN, G.K., aspirant**

Resistance to experimental tuberculosis of chicks from good  
and poor eggs. Veterinariia 35 no.11:25-28 N '58. (MIRA 11:11)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.  
(Tuberculosis in poultry)

BOYADZHYAN, G. K.: Master Vet Sci (diss) -- "Problems of the epizootiology and prophylaxis of tuberculosis in hens". Moscow, 1959. 18 pp (All-Union Inst of Experimental Vet Med VASKhNIL), 150 copies (KL, No 15, 1959, 118)

BOYADZHAN, V.A.

Transactions of the 55th meeting of the Moscow and Moscow Province  
Oncological Society, September 1, 1960. Vop. onk. 7 no. 4:124-  
125 '61. (MIRA 14:4)

(MOSCOW PROVINCE—ONCOLOGICAL SOCIETIES)

SHABAD, L.M., prof.; NOVIKOV, A.N., prof. BOYADZHAN, V.A., kand. med. nauk;  
KHARCHENKO, V.P., kand. med. nauk

Proceedings of the 94th meeting of the Scientific Society of  
Oncologists of Moscow and Moscow Region. Vop. onk. 11 no.2:  
103-105 '65. (MIRA 18:7)

NOVIKOV, A.N., prof.; BOYADZHAN, V.A., kand.med.nauk; KHARCHENKO, V.P.

The 95th meeting of the Scientific Society of Oncologists of  
Moscow and Moscow region. Vop. onk. li no.4:116-117 '65.

(MIRA 18:8)



MILONOV, B.V., dotsent; BOYADZHAN, V.A.

Proceedings of the 68th meeting of the Scientific Society of  
Oncologists of Moscow and Moscow Province, November 30, 1961.  
Vop. onk. 8 no.9:118-119 '62. (MIRA 17:6)

BOYADZHAN, A.

Aperiodic high-frequency amplifier. Radio no. 1138-39 Ja '65.

(MIRA 18:4)

BOYADZHAN, A.A.; SONTIS, M. Ya.; ARMAQANYAN, A.S.

Automatic control of conveyors in the closing shops. Kozh.-obuv.  
prom. 7 no. 10:12-14 0 '65 (MIRA 19:1)

SHABAD, L.M., prof.; BOYADZHAN, V.A., kand.med.nauk

Minutes of the 101st Conference of the Scientific Society  
of Oncologists of Moscow and Moscow Province. Vop.onk. 11  
no.11:107-109 '65. (MIRA 1961)

1. Deystvitel'nyy ohlen AMN SSSR (for Shabad).

KOSTOGLODOV, Vladimir Fedorovich; BOYADZHI, Georgiy Khristoforovich;  
ALEKSEYEVA, R.L., red.

[Book for the beekeeper] Kniga pchelovoda. Rostov-na-Donu,  
Rostovskoe knizhnoe izd-vo, 1965. 210 p. (MIRA 18:8)

KOSTOVETSKIY, D.L., kand. tekhn. nauk; BOYADZHI, K.I., inzh.

Double-flow main steam supply line. Energomashinostroenie  
10 no.4:9-12 Ap '64. (MIRA 17:6)

BARASHENKOV, V.S.; BOYADZHIYEV, A.V.; KULYUKINA, L.A.; MALP'SEV, V.M.

Cascade interactions between particles and nuclei in the high-energy region. Atom. energ. 16 no.6:515-517 Je '64.

(MIRA 17:7)

BELYAKOV, V.A.; BOYADZHIYEV, A.; VIRYASOV, N.M.; MAL'TSEV, V.M.

[Mechanism of particle production and interaction in the carbon nucleus] Mekhanizm obrazovaniia i vzaimodeistviiia chastits v iadre ugleroda. Dubna, Ob"edinennyi in-t iadernykh issl. 1963. 23 p. (MIRA 17:7)



ACCESSION NR: AP4037568

S/0056/64/046/005/1586/1597

AUTHORS: Belyakov, V. A.; ~~Boyadzhiev, A. V.~~; Wang, Yung-ch'ang;  
Veksler, V. I.; Viryasov, N. M.; Kim Khi In; Kladnitskaya, Ye. N.;  
Kuznetsov, A. A.; Mal'tsev, V. M.; Nguyen Din Ty\*; Penev, V. N.;  
Solov'yev, M. I.

TITLE: Production of  $\Lambda(\Sigma^0)$  hyperons and  $K^0$  mesons in interaction  
between 7 GeV negative pions and carbon

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1586-1597

TOPIC TAGS:  $\Lambda$  hyperon,  $\Sigma^0$  hyperon, neutral kaon, negative pion  
carbon interaction, hyperon production, kaon production, pion proton  
interaction, bubble chamber, secondary interaction fraction, angular  
distribution, momentum distribution, cascade model

ABSTRACT: The production of  $\Lambda(\Sigma^0)$  hyperons and  $K^0$  mesons by negative  
pions on carbon was investigated and compared with earlier results

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ACCESSION NR: AP4037568

(ZhETF v. 40, 464, 1961) from  $\pi^-p$  interactions at the same pion momentum. A 24-liter propane bubble chamber in a constant field of 13,700 Oe was used in accordance with a procedure described before (ZhETF, v. 38, 426, 1960). The purpose of the experiment was to estimate the fraction of the secondary interactions. An estimate was made for the first time of the fraction of strange particles produced in the secondary processes. The momentum spectrum of the  $\Lambda$  hyperons (in the pion-nucleon center of mass system) was compared with the spectrum for the  $\pi^-p$  interactions. The following distribution of events over the reaction channels was obtained

	$\gamma^*K^0$	$\gamma^*K^+$	$K^*K^0$	$K^*K^- + K^*K^{\bar{0}}$	$\Sigma^{\pm}K^0$	$\gamma^*\gamma^*KK^0$
Number of events	427±60	223±81	147±52	323±127	80±31 <sup>3)</sup>	4 <sup>4)</sup>
Cross section, mb	4,8±0,8	2,5±0,9	1,7±0,6	3,6±1,4	0,9±0,4	0,04

and the cross section for each interaction event with the carbon was calculated to be 0.0113 mb. This yielded the following cross

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ACCESSION NR: AP4037568

sections

$$\sigma(\pi^+K^0) = 7,3 \pm 1,2 \quad \text{and} \quad \sigma(K^0\bar{K}) = 5,3 \pm 1,5$$

The good agreement between the calculated and experimental values of the spectra of the  $\Lambda$  hyperons and  $K^0$  mesons gives grounds for assuming that the cascade model holds true for these phenomena. It also is concluded that the previously observed hard part of the momentum spectrum of the  $\Lambda$  hyperons in the pion-nucleon center of mass system in  $\pi$  p interactions is due to an admixture of carbon events, and that the role of the secondary processes which lead to the production of strange particles is quite appreciable even on the carbon nucleus. "The authors are grateful to I. Klugov and M. Shneyeberger for help at the beginning of the work, to V. S. Barashenkov, I. V. Chuvilo, and M. I. Podgoretskiy for discussion and valuable remarks, to Ye. P. Zhidkov, G. A. Ososkov, and K. N. Danilova for help with the calculations, and to the laboratory group for the measurements." Orig.

Card

3/6

ACCESSION NR: AP4037568

art. has: 5 figures, 7 formulas, and 1 table.

ASSOCIATION: Ob"yedinenny\*y institut yaderny\*kh issledovaniy  
(Joint Institute of Nuclear Research)

SUBMITTED: 02Dec63

DATE ACQ: 09Jun64

ENCL: 02

SUB CODE: PH

NR REF SOV: 013

OTHER: 008

Card

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ACCESSION NR: AP4037568

ENCLOSURE: 01

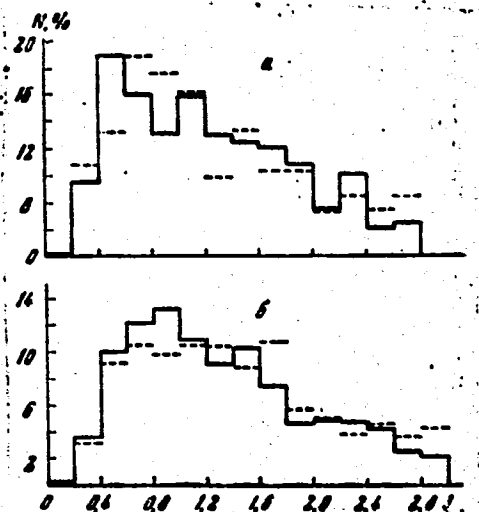
Particle type	Particle number	Particle type	Particle number
$\Lambda$	108	$\Lambda + \Lambda$	1
$K^0$	248	$K^0 + K^0 + \Lambda$	1
$\Lambda + K^0$	45	$K^0 + (\Lambda + K^0)$	5
$\Lambda + \bar{K}^0$	39	$\Lambda + (\Lambda + K^0)$	1
$K^0 + \bar{K}^0$	9	$\Lambda + \bar{K}^0$	3

Distribution of events

Card: 5/6

ACCESSION NR: AP4037568

ENCLOSURE: 02



Momentum distribution of Lambda hyperons (a) and kaons (b) from pion-carbon interaction at 7 GeV/c  
solid - experimental  
dashed - Monte Carlo calculation

Card: 6/6

BELYAKOV, V.A.; BOYADZHIYEV, A.V.; VAN YUN-CHAN; VEKSLER, V.I.; VIRYASOV,  
N.M.; KHIM KHI IN; Kladnitskaya, Ye.N.; Kuznetsov, A.A.;  
MAL'TSEV, V.M.; NGUYEN DIN TY; PENEV, V.N.; SOLOV'YEV, M.I.

Production of  $\Lambda$  ( $\Sigma^0$ )-hyperons and  $K^0$ -mesons in interactions  
between 7 Gev.  $\pi$ -mesons and carbon. Zhur. eksp. i teor. fiz.  
46 no.5:1586-1597 My '64. (MIRA 17:6)

1. Ob'yedinennyy institut yadernykh issledovaniy.

BELYAKOV, V.A.; BOYA'DZHIYEV, A.V.; VIRYASOV, N.M.; MAL'TSEV, V.M.

Formation and interaction mechanism of particles in a carbon nucleus. Acta physica Pol 25 no.6:781-796 Je '64.

1. Joint Institute of Nuclear Research, Laboratory of High-Energy Computer Center, Laboratory of Theoretical Physics, Dubna, U.S.S.R.



BOYADZHIEV, E.

An Amateur Short-Wave Receiver. In Radio Engineering, No. 2:17 Feb 55

3

Geriatrics

BULGARIA

MATEEV, Dr., VULNAROV, L., BOYADZHIEV, E., MANCHEVA, and KHUSTEVA, T.,  
Center of Gerontology and Geriatrics, MNZSO

"Changes in the Anthropometric and Hemodynamic Indices of Aged and Old  
People Under the Effect of Functional Loading with Physical Exercises"

Sofia, Ekperimentalna Medicina i Morfologiya, Vol 5, No 2, pp 114-118

Abstract: The anthropometric, physiological, and hemodynamic indices of persons with an average age of 75 yrs who exercised and participated in sports were compared with those of a control group of people of the same age who did not exercise systematically. The people who exercised systematically were divided into two subgroups, those who exercised regularly and those who did not exercise regularly, while the people in the control group were divided into a subgroup of active people and another of passive people. The comparison showed that beneficial changes took place in the group that exercised and that these changes were more pronounced for the subgroup that exercised regularly. Tables, 15 references (4 Bulgarian, 8 USSR, 3 Western). Manuscript received Jun 65. Russian and English summaries.

BOYADZHIEV, I.

Sericulture and the First Working of Cocoons by Messrs. T. DINEV and  
V. V'CHVAROV. Leka Promishlenost (Light Industry), #3:41: Mar 55

BOYADZHIEV, I.

Discontinuity with Raw Silk and Possibilities for its Elimination.  
LEKA PROMISHLENOST (Light Industry) 4:17:April 55