

TIBOLDI, T.; JULESZ, M.; SZALMA, J.; KOVACS, K.; BALAZS, V.; FROHLICH, Margit;
LASZLO, Ilona; TOTH, I.

Experience with Selye's granuloma pouch technique. Acta physiol.
acad. sci. Hung. 25 no.1:61-70 '64.

1. First Department of Medicine and Department of Ophthalmology,
University Medical School, Szeged.

BALAZS, V.

The protein content of the gastrointestinal juices under normal and pathological conditions. Immunochemical studies on the gastric juices in achlorhydria and pernicious anaemia. Acta med. acad. sci. Hung. 21 no.1:1-17 '65.

1. First Department of Medicine (Director: Dr. M. Julesz)
University Medical School, Szeged.

9765-66

ACC NR: AP6001958

SOURCE CODE: HU/0018/65/017/001/0077/0081

AUTHOR: Balazs, Viktor

27
23

ORG: I. Medical Clinic, Medical University of Szeged, Szeged (Szegedi Orvostudományi Egyetem I. sz. Belgyógyászati Klinikája)

TITLE: Pathogenicity of intestinal bacteria and their resistance to the bactericidal effect of the alimentary fluids

SOURCE: Kiserletes Orvostudomány, v. 17, no. 1, 1965, 77-81

TOPIC TAGS: bacteria, bacteriology, pathology, biochemistry, gastroenterology, digestive system, bactericide, immunology

ABSTRACT: The destruction of intestinal bacteria in different fluids of the alimentary canal (primarily in the gastric fluid of achlorhydric patients and in the intestinal fluid of healthy and achlorhydric patients) has been studied under acid conditions (pH 2). It has been determined that all of the E. coli strains freshly isolated from pathological processes show a considerable resistance to the bactericidal effect of the acid, in achlorhydric gastric fluids. This resistance is lost after serial culture passages and returns only after inoculation into animals. Only a fraction (about one-half to one-third) of the freshly isolated Shigella, Klebsiella and Proteus strains possessed resistance similar to that of E. coli. The Salmonella strains examined, however, became do-
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ACC NR: AP6001958

stroyed under acid conditions within minutes in achlorhydric gastric fluids, adjusted to pH 2, and intestinal fluids as well regardless of whether they had been freshly isolated from patients or had undergone serial culture passages. Orig. art. has: 1 figure and 2 tables. [JPRS] 0

SUB CODE: 06 / SUBM DATE: 24Mar64 / ORIG REF: 005 / OTH REF: 008

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Internal Medicine

HUNGARY

SZALMA, Jozsef, Dr. BALAZS, Viktor, Dr; Medical University of Szeged, I. Medical Clinic (director: JULESZ, Miklos, Dr) (Szegedi Orvostudományi Egyletem, I. Belklinika).

"Immunothyroiditis Cases."

Budapest, Orvosi Hetilap. Vol 107, No 11, 13 Mar 66, pages 491-494.

Abstract: [Authors' Hungarian summary] The more important observations related to the symptomatology, pathomechanism and diagnosis of immunothyroiditis are described in connection with a case observed. The interest in the case was evoked by the simultaneous presence of some other autoimmune process as well and by the accompaniment of the immunothyroiditis by a thyrotoxic crisis. 4 Hungarian, 41 Western references.

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10

HUNGARY/Analytic Chemistry. Analysis of Organic Substances. E

Abs Jour: Ref Zhur-Khin., No 23, 1958, 77368.

Author : Szekeres, László; Dalazsalfalvyné, Zergenyi Margit;
Molnar, Idszlo O.

Inst :

Title : Arsenometric Determination of Oxalate Ions.

Orig Pub: Magyar kem. folyoirat, 1958, 64, No 3, 96-97.

Abstract: An arsenometric method of oxalate ion determination based on the oxidation of oxalate ions with bromine and the titration of the excessive bromine with arsenite solution was developed. 10 ml of 2 n. HCl is added to 10 to 20 ml of 0.1 n. bromidebromate solution containing 15 to 20 g of KBr per liter, after which 7.5 ml of 5 n. NaOH solution, the oxalate solution under study (about 5 to 10 ml of 0.1 n

Card : 1/2

Balassi, B.; Regale, Z.

Increasing the load capacity of piles by soil stabilization. p.413

MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes-es Kozlekedesepitestudományi Egyesulet)
Budapest, Hungary. Vol.9, no.9, September 1959

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November 1959
Unol.

KHEMEN, K.; KNOLL, J.; BALAZSI, I.; KNOLL, B.

Elaboration of a nonterminating conditioned protective motor reflex in rat. Acta physiol. hung. Suppl. no.6:41-42 1954.

1. Pharmakologisches Institut der Medizinischen Universität, Budapest.

(REFLEX, CONDITIONED
protective motor, in rats)

2104 Preparation of cardiotonic extracts from tissues and their
 assays. J. Knoll, L. Tardos, E. Kocskos, K. Kelemen and I. Balázs
Acta Physiol Acad Sci Hung. 1955 & 1957: 208 (Pharmacol Inst
 Med Univ Budapest Hungary). The tissues are extracted with
 hot water, the extract evaporated in a small flask and the residue
 added to 10% NaCl solution. The amount of the prep. is
 modifications of the basic procedure are described. The results
 was analyzed in the Ekgodynamy frog heart and heart lung prep.
 There were great variations in the activity of the prep. Best results
 were obtained from spleen, liver and rib. Cats and dogs yielded
 more active prep. than horses. Some of the prep. were active on
 both others on one of the 2 ready objects. The active prep. contain
 Ca. When Ca is removed the prep. lose its activity. The addition
 of Ca restores activity. Large Ca in quantities equal to the Ca
 content of the prep. has little or no effect. (German)

Mat 5

A. B. L. HENKAR

KNOLL, J.; KNOLL, B.; KELEMEN, K.; HALAZSI, I.

Regulation of ion balance between cells and surrounding fluids in isolated frog heart. Acta physiol. hung. 11(Suppl):27-28 1957.

1. Pharmakologisches Institut der Medizinischen Universtita, Budapest.
(HEART, physiol.
electrolyte balance between cells & surrounding fluids
in isolated frog heart, adaptation mechanisms (Ger))
(ELECTROLYTES, metab.
heart, balance between cells & surrounding fluids in
isolated frog heart (Ger))

MOSONYI, Laszlo; CSIKY, Tivadar; RETSAGI, Gyorgy; LENGYEL, Anna; BALAZSI, Imre; Szemere, Pal

Experimental studies concerning the virus susceptibility of the organism following antibiotic therapy. Magy. belorv. arch. 12 no.1: 3-8 Feb 59.

1. Budapesti Orvostudományi Egyetem II. sz. Belklinikájának és Mikrobiológiai Intézetének (igazgató: dr. Alföldi Zoltán egyetemi tanár) közleménye.

(ANTIBIOTICS, inj. eff.

increased susceptibility to virus dis. (Hun))

(VIRUS DISEASES

increased susceptibility to virus dis. after antibiotic ther. (Hun))

SZEPLAKI, Ferenc, dr.; BALAZSI, Imre, dr.

Myocardial infarct in a 26-year-old male. Orv. hetil. 102 no.37:
1758-1759 10 S '61.

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(MYOCARDIAL INFARCT case reports)

BALAZSI, Imre, dr.

Ulcerative colitis concomitant with general candidiasis. Orv. hetil.
103 no.43:2037 28 0 '62.

1. Budapesti Orvostudományi Egyetem, III. Belgyógyászati Klinika.
(COLITIS, ULCERATIVE) (MONILIASIS) (PREDNISOLONE)
(ANTIBIOTICS) (VITAMIN K) (AMPHOTERICIN B)

ERDELYI, G.; KELLER, L.; BALAZSI, I.

I-131-labeled triolein studies in atherosclerotics. Acta med. acad. sci. hung. 19 no.1:85-94 '63.

1. III. Medizinische Klinik der Medizinischen Universität Budapest
(Direktor: Prof. Dr. S. Gero).
(ARTERIOSCLEROSIS) (IODINE ISOTOPES, DIAGNOSTIC)
(TRIOLEIN)

ERDELYI, Gabor, dr.; KELLER, László, dr.; BALÁCSI, Imre, dr.

Studies on atherosclerotics using iodine 131-labelled triolein.
Orv. hetil. 104 no.16:722-735 21 Ap '63.

1. Budapesti Orvostudományi Egyetem, III. Belklinika.
(ARTERIOSCLEROSIS) (IODINE ISOTOPES, DIAGNOSTIC)
(LIPID METABOLISM) (BLOOD) (TRICHLOROACETIC ACID)
(TRIOLEIN)

BRETAN, Miklos, dr., SZABO, Zoltan, dr., JAKAB, Lajos, dr.; BALAZSI, Lare, dr.

Effect of treatment with nor-androstenolone and decanoate on
diabetic retinopathy. Orv. hetil. 105 no.25:1171-1174
21 Je'64

1. Budapesti Orvostudományi Egyetem, III. Belklinika és I.
Szemeszeti Klinika.

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1. Budapesti Orvostudományi Egyetem, III. Belklinika.

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KETSAGI, Gyorgy, dr.; KELLER, László, dr.; BALAZS, Imre, dr.

Late prognosis of myocardia infarct (based on a 9 year follow-up).
I. Criteria of survival. Orv. hetil. 105 no.16:721-724; 19 Ap'64.

1. Budapesti Orvostudományi Egyetem, III. Belklinika.

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BALAZSOVICH, Boldizsar; MARKUS, Miklos

Construction of distance heating pipelines. Magyar ipar 13
no.8/9:497-503 '64

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ep ipar 13 no.8/9:503-504 '64

BALAZSOVICS, Gesa

Testing gas-permeable, porous furnace walls from the point of view
of heat engineering. Epitanyag 14 no.11:407-413 N '62.

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BALAZSY, Bela

Newpile foundations. Musz elet 15 no.21:6 0 '60.
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Up-to-date methods for the consolidation of foundations.
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1. Epitesugyi Miniszterium Foldmero es Talajvizsgalo Vallalat
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Significance of quality concrete from the point of view of the national economy. *Műsz. Elet* 18 no.6:5 14 Mr '63.

Mr. [Name], [Address]

[Faded text]

[Faded text]

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MAZSY, OY.; ██████████

Discussion on simplification of wage accounting. p. 64. TOBSTERNELES.
Budapest. Vol. 9, No. 8/9, Aug./Sept. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

BALAZSY, GY.

Investigation of calculation for foundries. p. 134 (Kohaszati Lapok. Budapest
Vol. 11, no. 6, June 1956 Ontode. Vol. 7, no. 6)

SO: Monthly List of East European Accessions (SEAI) IC., Vol. 6, no. 7, July 1957 Uncl.

ACTA MEDICA SOC. 9 Vol. 11/5 Surgery May 1957
BALÁZSY L.

2225. (481) BALÁZSY L., Inst. für Anat., Histol. und Embryol., Med. Univ., Debrecen, Ungarn. • Experimentelle Beeinflussung der Gewebequalität des Amputationsstumpfes. Beiträge zur Wirkung äusserer Faktoren auf die Regeneration. Experimental influence on the quality of the tissue of the amputation stump. The effect of external factors on regeneration ACTA BIOL. ACAD. SCIENT. HUNG. (Budapest) 1955, 6/1-2 (133-147) Tables 1 Illus. 11
- In 47 rats, either high amputations halfway the femur or low amputations at the level between the lower and middle third of the tibia were carried out in the left posterior leg. The rats which underwent the latter operation walked on their stumps 3 to 4 days postoperatively. Young rats of 3 to 4 weeks are compared with adult specimens of more than 2 months. In a first series (A), muscles and skin were firmly sutured after amputation. In group B, only the skin is sutured, but firmly, and in groups C the skin alone is loosely sutured. These different types of suturing were applied to study the effect of the pressure brought about by the suture. None of the high-amputation rats showed chondrogenesis at the stump; in 80% of the high-amputation rats, adult as well as young rats, there was chondrogenesis. In a second series, which served as a control examination, low amputation was applied, and the limb sutured to the abdominal wall to prevent walking on the stump. There was no chondrogenesis at the stump. In a last series, E (5 rats aged 12 days), amputation was carried out 2 mm. above the

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distal growing centre of the femur according to Lacroix. In 3, there was no chondrogenesis at all, in 1 slight chondrogenesis and in 1 chondrogenesis as described by Lacroix. The conclusion is reached that chondrogenesis at the end of the amputation stump of the leg is due to external factors, such as pressure. In group E, the enchondral bone formation is explained by residual epiphyseal cartilage in the region of the stump.

Van den Berghe - Louvain

ARVAY, A.; BALAZSY, L.

Changes in the gonadotropic function of the adenohypophysis in response to nervous stress. Acta physiol. hung. 14 no.4:317-325 1958.

1. Department of Gynecology, Medical University, Debrecen.
(STRESS, eff.

increased gonadotropin secretion of anterior pituitary in rats)

(PITUITARY GLAND, ANTERIOR, physiol.

increased gonadotropin secretion in rats under stress)

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Effect of severe nervous stimulation on the morphology and function of the adrenal cortex. Acta physiol.hung. 16 no.4: 267-284 '59.

1. Department of Gynaecology, Medical University, Debrecen.
(ADRENAL CORTEX physiology)
(NERVOUS SYSTEM physiology)

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"Some Problems of Analyzing, Evaluating and Planning Unfinished
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No. 1, Jan. 1955, Incl.

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Summary of the debate on our planning methods. p. 34.

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The fungus *Cephalosporium (Acrostalagmus) lecanii* Zimm., the pathogen of the larvae of beetles. Acta soc botan Pol 32 no.1:69-80 '63.

1. Stacja Entomo-Fitopatologiczna Pomorskiej Wyższej Szkoły Rolniczej, Siemianice.

BALAZSY, Sandor (R.P. Ungara)

Some present problems of the economic efficiency of the
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The parasitic Hymenoptera of the (Coleoptera, Scolytidae)
occurring in Poland. Prace nauk roln i lesn 13 no.1:71-141
'62.

BALBACHAN, I.P.

Calculation of the soil-compaction zone in drifting by means
of enlarging boreholes with blasting energy. Trudy TSNIIPod-
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(Blasting) (Soil stabilization)

BALBACHAN, I.P., insh.

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(MIRA 16:5)

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institut podzemnogo shakhtnogo stroitel'stva.
(Blasting) (Polymers)

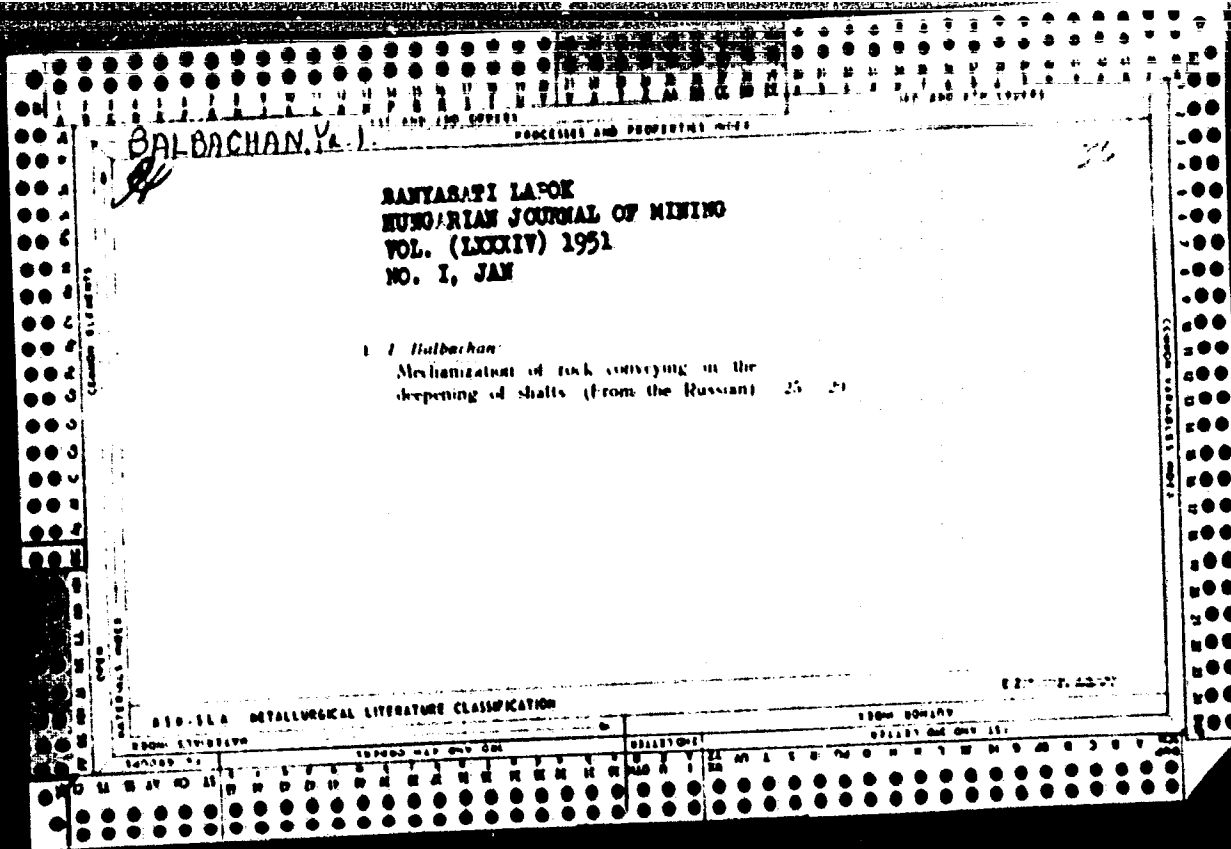
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BABOKIN, I.A., redaktor; BALBACHAN, Ya.I., redaktor; BARABANOV, F.A., redaktor; BUCHNEV, V.K., redaktor; VLADIMIRSKIY, V.V., redaktor; GRIGOR'YEV, S. Ye., redaktor; DOKUKIN, A.V., redaktor; ZHABO, V.V., redaktor; ZADRIDKO, A.N., redaktor; ZAITSEV, A.P., redaktor; IL'ICHEV, A.S., redaktor; KAGAN, V.Ya., redaktor; KRASHNIKOVSKIY, G.V., redaktor; KRASOZOV, I.P., redaktor; KRIVONOGOV, K.K., redaktor; LALAYANTS, A.M., redaktor; MOGILEVSKIY, N.M., redaktor; ONIKA, D.G., redaktor; OSTROVSKIY, S.B., redaktor; OSTROVSKIY, S.M., redaktor; PRYSAKHOVICH, G.I., redaktor; POCHENKOV, K.I., redaktor; SIRYACHENKO, F.N.; redaktor. SKOCHINSKIY, A.A., redaktor; STUGAREV, A.S., redaktor; SKORKIN, K.I.; SKURAT, V.K., redaktor; SOBOLEV, G.G., redaktor; TERPITOREV, A.M., redaktor; KHUDOCOVTSYEV, N.M.; redaktor; TSYPKIN, V.S., redaktor; SHEVYAKOV, L.D., redaktor; SHEKOV, A.A., redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor.

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207 p. (MLRA 9:1)

1. Russia (1923- U.S.S.R) Ministerstva ugol'noy promyshlennosti.
(Coal mines and mining-Safety measures)



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[Reconstruction of the mining industry and the improvement of the surface complex of mines in the Donets Basin; proceedings of a conference in Stalino, November 19-21, 1951.] Rekonstruktsiia gornogo khoziaistva i sovershenstvovanie poverkhnostnykh kompleksov ugol'nykh shakht Donbassa; trudy soveshchaniia v g. Stalino, 19-21 noiabria 1951 g. Moskva, Ugletekhizdat. 1952. 245 p. [Microfilm] (MLRA 9:2)

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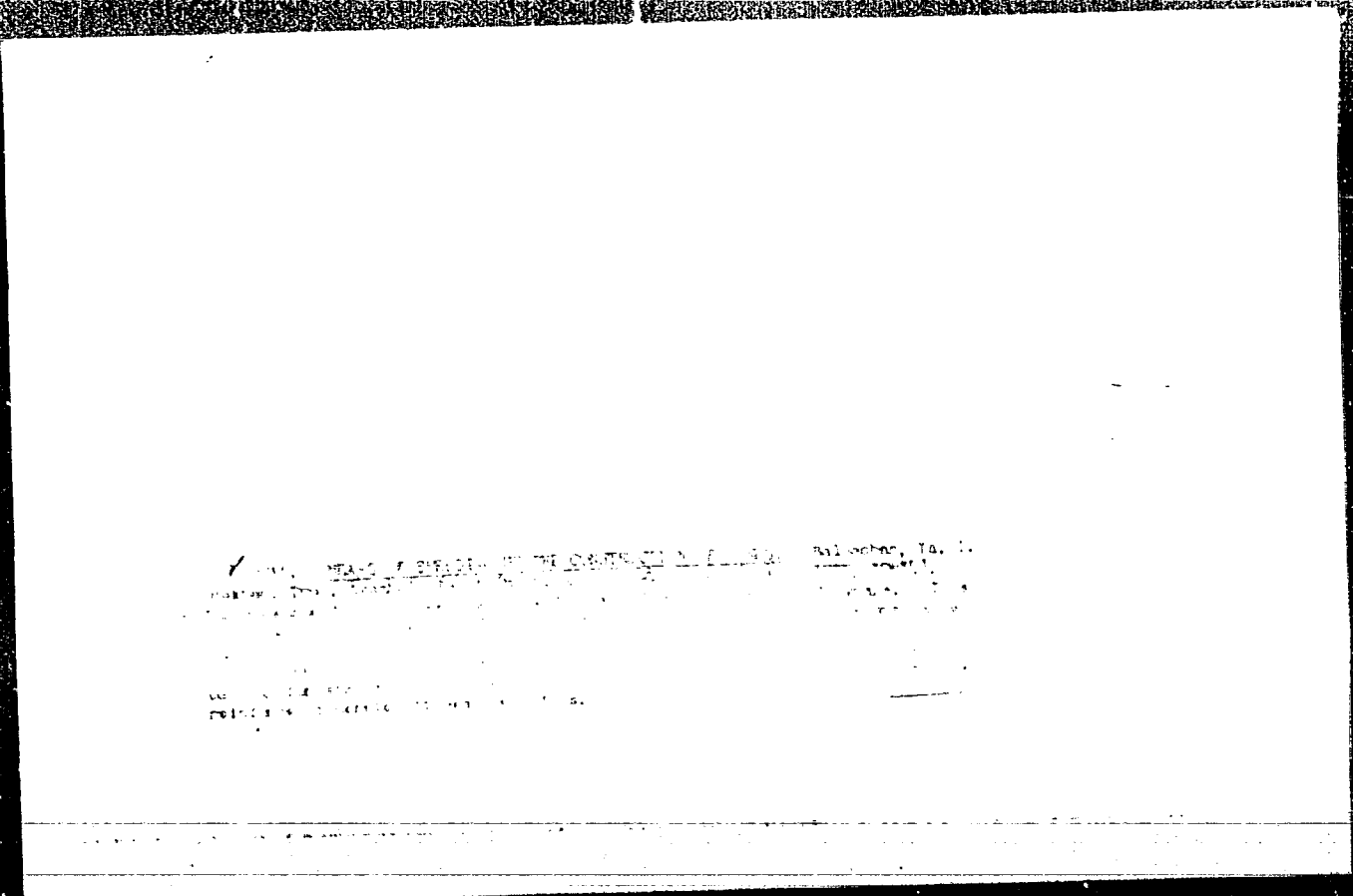
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1. *Upravleniye kapital'nogo stroitel'stva*

Way of improving shaft sinking techniques. Ugol' 29 no.6:7-11 Jo '54.
(MLRA 7:6)

1. Glavnoye upravleniye kapital'nogo stroitel'stva.
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Significance of the work experience acquired by "Butovskaya-
Glubokaya" mine in increasing average rates of shaft sinking.
Shakht.stroi. no.6:1-4 Je '57. (MLRA 10:7)
(Donets Basin--Shaft sinking)

BALBACHAN, Ya.I., gornyy inzhener.

First plan for an extended coal conduit. Ugol' 32 no.8:38-40 Ag '57.
(Hydraulic mining) (Coal handling) (MLRA 10:9)

SATPAYEV, K.I., akademik, otv.red.; BALBACHAN, Ya.I., kand.tekhn.nauk, red.;
BOGATYREV, A.S., red.; ZYKOV, D.A., red.; ONIKA, D.G., doktor tekhn.
nauk, red.; CHOKIN, Sh.Ch., akademik, doktor tekhn.nauk, red.; ZA-
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[Productive forces of central Kazakhstan; studies of the Karaganda
Joint Academic Session which took place on November 17-22, 1958]
Proizvoditel'nye sily Tsentral'nogo Kazakhstana; trudy Karagan-
dinskoi Ob"edinennoi nauchnoi sessii, sostoiavsheisia 17-22 noiabria
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[Plenary session] Plenarnye zasiedaniia. 1958. 218 p. (MIRA 12:9)
(Continued on next card)

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1. Karagandinskaya Ob'yedinennaya nauchnaya sessiya. Alma-Ata, 1958. 2. President Akademii nauk KazSSR (for Satpayev). 3. Predsedatel' Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov Kazakhskoy SSR (for Balbachan). 4. Ministr geologii i okhrany neдр Kazakhskoy SSR (for Bogatyrev). 5. Predsedatel' Karagandinskogo sovmarkhosa (for Onika). 6. Akademiya nauk Kaz.SSR; Institut energetiki AN KazSSR; akademik-sekretar' Akademii nauk KazSSR (for Chokin).

(Kazakhstan--Economic conditions)

BALBACHAN, Ya. I., prof.

Technical progress in Kazakhstan coal mining in 1958. Ugol'
34 no.4:18-21 Ap '59. (MIRA 12:7)
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BALBACHIAN, Ya.I., prof.

Modern effective materials and possibilities for their use in
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(MIRA 14:2)

(Plastics) (Textile fibers, Synthetic)
(Mining engineering)

SEYDAKIMATOV, O.; STARODUBTSEV, V.; BALBAKOV, M.

[Labor productivity in the agriculture of Kirghizistan] Pro-
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L.A.; BALBAKOV, M.; LEVITUS, B.I., red. izd-va; ORUZBAYEVA,
A.U., kand. ekon. nauk, red.; ANOKHINA, M.G., tekhn. red.

[Distribution and specialization of agriculture in the
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sel'skogo khoziaistva prigorodnoi zony g.Frunse. Frunze,
Izd-vo Akad. nauk Kirg.SSR, 1962. 181 p. (MIRA 16:7)
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[Dictionary of hydraulic engineering and land improvement terminology] Slovar' terminov po gidrotekhnike i melioratsii; proekt. Frunse, Izd-vo AN Kirgizskoi SSR, 1960. 124 p.
(Hydraulic engineering--Dictionaries) (MIRA 14:6)
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BAL'BARER, Yo. G.

"Results of the Treatment of Early Congenital Syphilis with Penicillin in
Combination with Other Antisyphilitic Agents," Vest. ven. i derm., No.2, 1952

NEFEDOV, P.Ya.; CHERNOBROVKIN, V.P.; KATARIN, V.P.; ANAN'IN, A.A.;
BALBASHEV, V.K.; RYVKIN, I.Yu.; TSYNOVNIKOV, A.S.; KUZ'MIN, I.V.;
YAKOVLEV, S.Ye.; SHULAYEV, V.I.; MATSEVICH, S.I.; NARNITSKIY, A.P.;
BOKOV, O.K.; CHEREPANOV, V.Ye.

Coke briquets for cupola furnaces. Lit. proizv. no.3:6-7
Mr '65. (MIRA 18:6)

SOV/137-57-1-1448

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 192 (USSR)

AUTHORS: Balbasheva, N. M., Bocharov, S. P.

TITLE: Effect of Impurities and of the Heat-treatment Process on the Mechanical Properties of the AL9 Alloy (Vliyaniye primesey i rezhima termicheskoy obrabotki na mekhanicheskiye svoystva splava AL9)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1956, Nr 4, pp 22-27

ABSTRACT: The authors investigated the effect of Cu, Fe, Mn, and Zn on the properties of AL9 alloy. After quenching from 535°C and aging at 160° σ_b does not change with an increase in the Cu content from 0.08 to 0.84%; the hardness increases insignificantly; δ decreases from 5 to 2% upon an 0.08 to 0.35% increase in Cu content, but does not change thereafter. The mechanical properties of the specimens in the cast state are virtually identical with those obtaining after quenching. An increase in Fe content > 0.65% brings about a sharp decrease in δ and σ_b which phenomenon is explained by the separation of Fe silicide. Mn content up to 0.75% has no effect on the mechanical properties of the alloy.

Card 1/2

SOV/137-57-1-1448

Effect of Impurities and of the Heat-treatment Process (cont.)

Upon an increase in Zn content $>0.3\%$ δ decreases, while strength and hardness remain unchanged.

Ye V.

Card 2/2

BALBASHEVA, N. M.

Experience of a Plant (Cont.) 355
Metallographic Laboratory, Moscow, Maghiz, Coll. of Articles, ed. Sagaradze, V.S., 1957
Bocharov, S. P.; Balbasheva, N. M. The Causes of Breakage in Bronze Parts and its Elimination 82 pp. 80

The authors describe methods used by the Urals RR.-car plant for eliminating porosity and leakage defects revealed by hydraulic pressure tests.

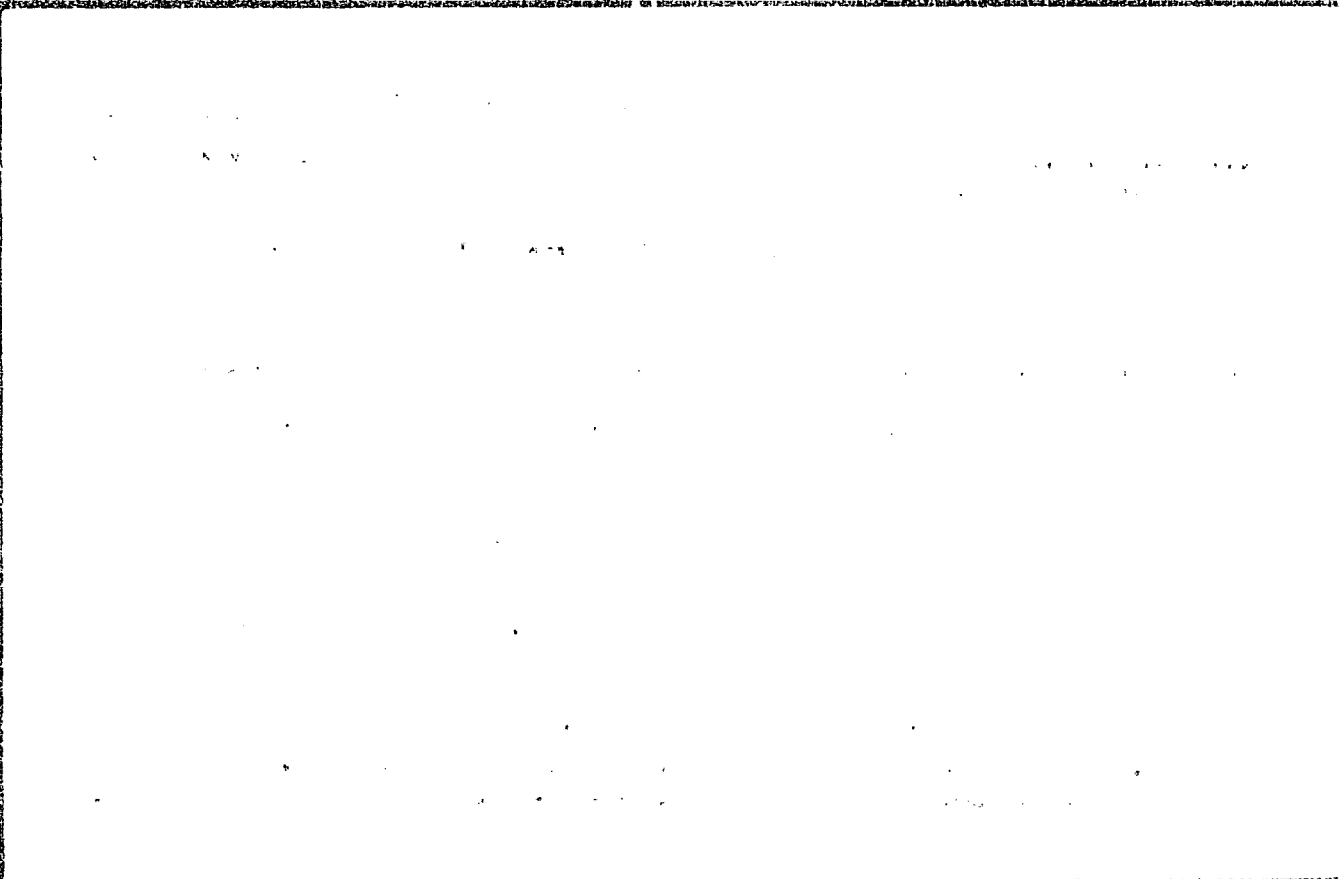
Zenkov, M. F. Attachment for the Rockwell Hardness Tester for Computing Errors in Hardness Measurement 82

The author describes his invention for computing hardness-measurement errors arising from the unsatisfactory character of the bearing surface of the tested part.

Card 5/5

AVAILABLE: Library of Congress

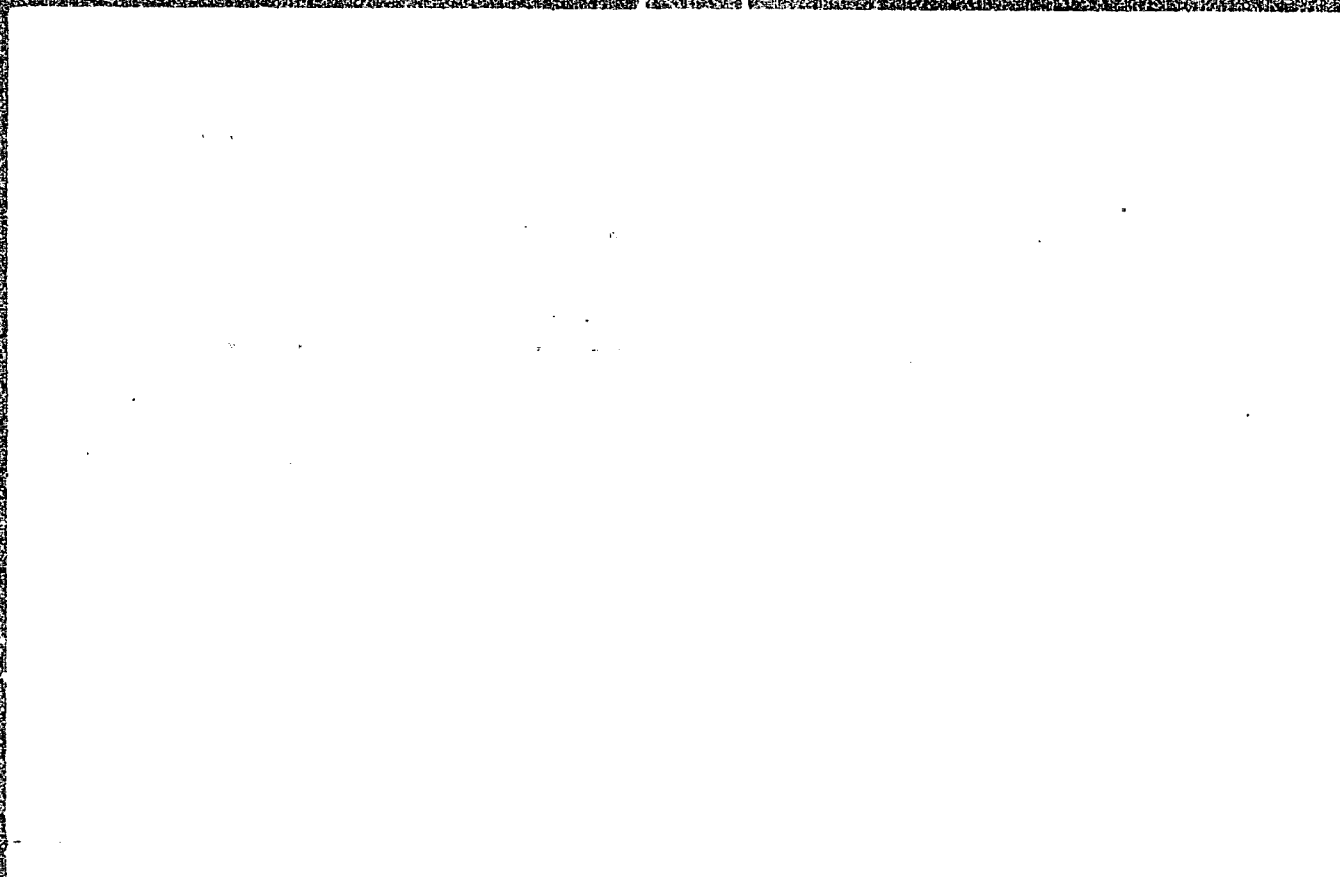
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6-18-58

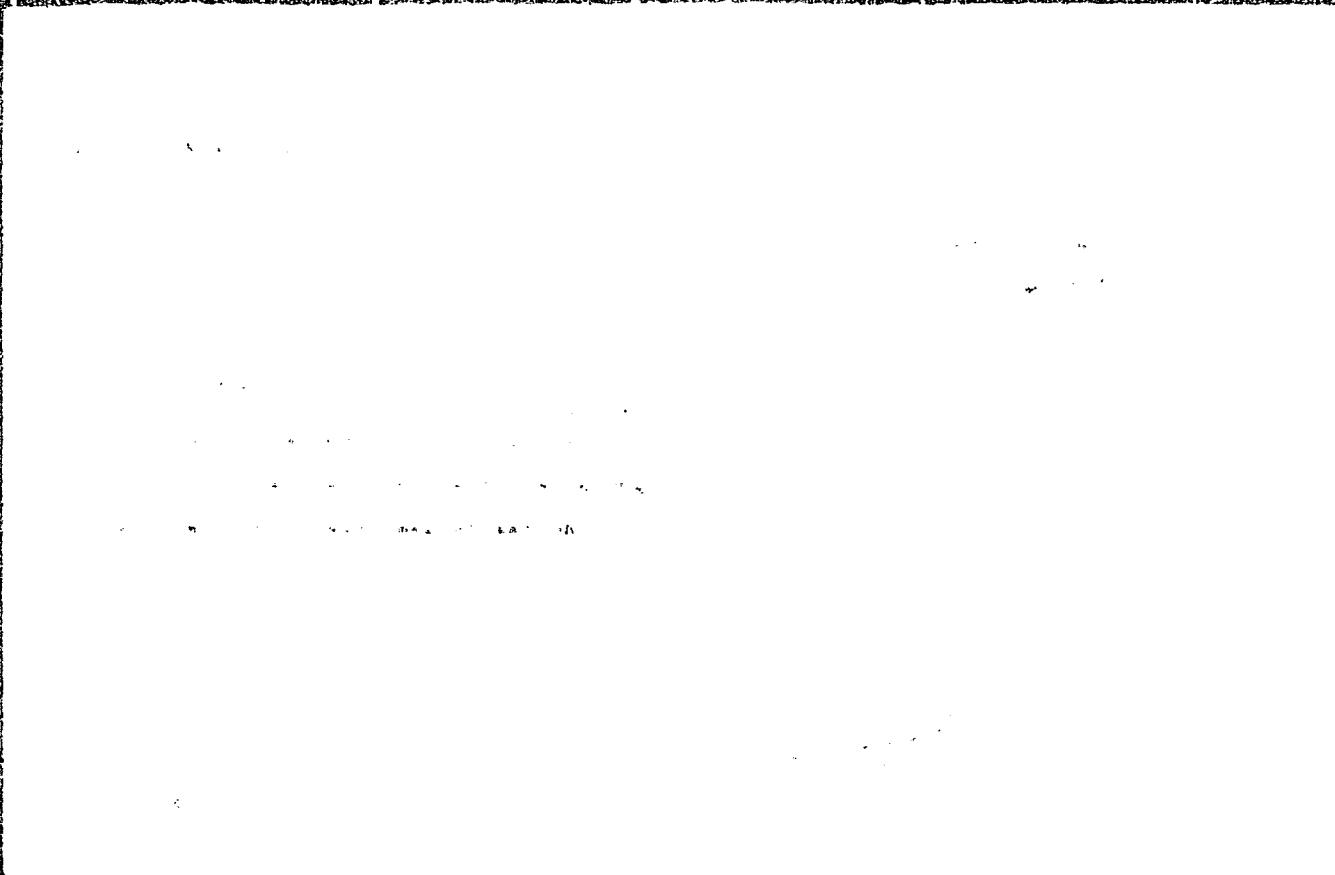


1 61501-66

crystals in the direction of the field. The resulting density was less than that

for Barroth's (5.00 x 10¹⁶ cm⁻³) in the same





BALHAYVA, Z. A., TSYGANKOV, A. A. and PAICHUK, N. G.

"On the Specificity of Coccidia of Sheep, Goats and Male Saiga."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Kazakh Pedagogical Institute, Ural'sk

BALBAYEVA, Z.A.

Materials for the nematode fauna of winter wheat in Alma-
Ata Province. Vest. AN Kazakh. SSR 18 no.4:79-83 Ap '62.
(MIRA 16:11)

TSYGANKOV, A.A.; PAYCHUK, N.G.; BALBAYEVA, Z.A.

Specificity of Coccidia of sheep, goats and saigas. Trudy Inst.
zool. AN Kazakh. SSR 19:55-57 '63. (MIRA 16:9)
(Coccidium) (Ruminantia—Diseases and pests)

EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

6270. THE EFFECTIVENESS OF MEDICAL GYMNASTICS IN THE TREATMENT SCHEDULE OF SCIATICA AT THE HEALTH RESORT OF KEMERI (Russian text) - Halbeko

V. P. - TRUD, INST. EKSPER. MED. AKAD. NAUK LATV. SSR 1956, 12 (89-111)

227 patients with sciatica were investigated. The treatment prescribed was: hydrogen sulphide baths (on alternate days), mud applications (for 2 days in succession followed by an interval of 1 day), medical gymnastics, massage (in some cases), injections of proserine, and physiotherapeutic procedures. In prescribing a treatment one has to be guided by the pathogenesis and the duration of the disease. In cases with a recent exacerbation (not more than 6 months ago) one has to be careful. In sciatica of traumatic origin or resulting from an influenzal infection the results of treatment are better than in cases resulting from chills. The medical gymnastics heighten considerably the effect of balneotherapy. A differentiated system of treatment schedules is recommended; 1st schedule - for patients who have incurred an exacerbation not later than 6 months before admission; 2nd schedule - for patients of the 1st group after the reaction to balneotherapy has worn off and also for patients with a mild pain syndrome; 3rd schedule - is ordered for patients of the two preceding groups who have improved considerably after treatment and also for patients admitted with only residual manifestations of sciatica and a mild pain syndrome. (5)

BALBEKOV, S.

1995 BALBEKOV, S. Podrugi iz Kupavny. [Opyt tekstil' — shchits M. Rozhnevoy i
L. Kononenko. Ocherk]. Smena, 1949, No. 11, s. 5.

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

POSTOVALOV, I.S.; BALBEKOV, S., redaktor.

[Newspaper coverage of industrial and transportation problems]
Osveshchenie v gazete voprosov promyshlennosti i transporta.
Moskva, Izd-vo Vysshaia partiinaia shkola pri TsK KPSS, 1953.
23 p. (Journalism) (Industry) (MLRA 7:11)

VOLYNSKIY, G. (Rostov-na-Donu); MINIBAYEV, A., bortmekhanik; BALBEKOV, V.

Readers' letters. Grahd.av. 19 no.9:29 S '62. (MIRA 16:1)
(Aeronautics, Commercial)

L 5076-66 EWT(m)/EPA(w)-2/EWA(m)-2 IJF(c) DM

ACCESSION NR: AP5022629

UR/0089/65/019/002/0126/0131
621.384.60

29
27
B

AUTHOR: Balbekov, V. I.; Kolumenskiy, A. A.

TITLE: Coherent instability of betatron oscillations in accelerators and particle collectors

SOURCE: ¹⁹Atomnaya energiya, v. 19, no. 2, 1965, 126-131

TOPIC TAGS: particle accelerator, particle beam

ABSTRACT: The purpose of this article is to present a theoretical analysis of coherent vertical oscillations initiated in the accelerator cycle. The causes provoking these oscillations and consequently a coherent instability were examined and the time needed for the development of these phenomena was evaluated. The problem of damping conditions was also considered. A dispersion equation was derived for coherent vertical oscillations with respect to the centre of gravity of accelerated particle beams. This disclosed that the finite

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ACCESSION NR: AP5022629

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limited conductivity of chamber walls could lead to a hazardous instability. In conclusion, the maximum admissible number of injected particles was considered from the point of view of the coherent vertical stability. It is stated that for the proton synchrotron of the Dubna Institute such number was about 10^{14} while for the synchrocyclotron of the Academy of Science Physics Institute this maximum number was about 10^{12} . Orig. art. has: 25 formulas

ASSOCIATION: None

SUBMITTED: 19Aug64

ENCL: 00

SUB CODE: NP

NO REF SOV: 006

OTHER: 002

Card 2/2 *hd*

L 00700-50 INT(1) IOP(6) AI

ACC NR: AP6020208 SOURCE CODE: UR/0056/66/050/006/1529/1536

AUTHOR: Balbekov, V. I.; Kolomenskiy, A. A.

87
85
B

ORG: none

TITLE: Stability of transverse oscillations of a focused charged beam in an absorbing medium

SOURCE: Zh eksper i teor fiz, v. 50, no. 6, 1966, 1529-1536

TOPIC TAGS: charged particle, ion beam focusing, betatron, plasma interaction, gas ionization, oscillation

ABSTRACT: The transverse stability of a focused beam of charged particles moving through an absorbing medium has been investigated. The various modes of coherent oscillations (center of gravity, size, and shape) have been determined and their frequencies and increments found. The possibility of stabilizing the beam by exploiting the energy and nonlinearity of the betatron oscillation has been analyzed.

Card 1/2

L 44266-56

ACC NR: AP6020208

The effect of the ^{2/}plasma produced as a result of ^{2/}gas ionization has been estimated. 2
These problems are of interest in developing and using accelerators and accumulators
with high beam intensity. Orig. art. has: 25 formulas. [Based on authors' abstract]
[NT]

SUB CODE: 20/ SUBM DATE: 06Nov65/ ORIG REF: 003/ OTH REF: 002/

Card 2/2 *fdk*

L 07060-67 EWT(m) IJP(c)

ACC NR: AP6021630

(N)

SOURCE CODE: UR/0089/66/020/003/0270/0271

AUTHOR: Balbekov, V. I.; Kolomenskiy, A. A.

ORG: none

TITLE: Influence of conductivity of the walls of an accelerating chamber or a storage ring on the oscillations of the dimensions and shape of the beam

SOURCE: Atomnaya energiya, v. 20, no. 3, 1966, 270-271

TOPIC TAGS: charged particle, particle accelerator, storage ring, electron beam, electric conductivity

ABSTRACT: The stability of an accelerated charged beam is analyzed in a chamber of rectangular cross section. By means of a method developed in an earlier paper (Atomnaya energiya v. 19, 126, 1965) it is shown that if the midplane of the beam coincides with the midplane of the chamber and the beam width is much larger than its thickness, the nonequilibrium charge density occurring under the influence of the beam's own field can be readily determined in terms of the charge, mass, and linear density of the particles and the parameters of the chamber. This makes it possible to obtain an equation for the longitudinal component of the electric field and the conditions under which instability sets in. The equations show that the higher-moment oscillations become significant if the beam thickness is comparable with the height of the chamber and their influence increases also on approaching nonlinear resonance. Consequently the higher-moment oscillations can become dangerous in strong focusing systems. The

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UDC: 621.384.60

L 07060-67

ACC NR: AP6021630

instability can be eliminated by producing energy scatter and nonlinearity in the oscillations, the same as in the case of the oscillations of the center of gravity of the beam. Orig. art. has: 4 formulas.

SUB CODE: 20/ SUBM DATE: 10Nov65/ ORIG REF: 002/ OTH REF: 001

Cord 2/2 LC

BORISOV, I., kand. tekhn. nauk; KUZ'MIN, V., kand. tekhn. nauk; REMEZOV,
V., aspirant; BALBEROV, Yu., aspirant

Durable rafts for the Volga-Baltic Sea Waterway. Rech. transp.
24 no.8:22-23 '65. (MIRA 18:9)

1. Gor'kovskiy inatitut inzhenerov vodnogo transporta.

Accelerating the tanning
BALBEROVA, N.A., Cand Tech Sci—(diss). "~~Speeding up of the tanning~~
~~of~~ ^{cattle} hides ^{into} used for the manufacture of sole leather." Mos, 1958.
17 pp (Min of Higher Education USSR. ~~Pop~~ Technological Inst of
Light Industry), 130 copies (KL, 25-58, 111)

-75-

BALBEROVA, N.A., insh,

Speeding up the liming of skins. Leg. prom. 18 no.2:15-16 F '58.
(Tanning) (MIRA 1:1?)

BALBEROVA, N.A., inzh.; SHESTAKOVA, I.S., doktor tekhn.nauk, prof.

Effect of liming reagents on albumins of hair follicles. Leg. pron.
18 no.4:36-37 Ap '58. (MIRA 11:4)
(Tanning)

KRASUKHIN, M.N., kand.tekhn.nauk; BALBEROVA, N.A., kand.tekhn.nauk;
KURAYTIS, S.A., kand.tekhn.nauk

Artificial drying of spruce bark, Kosh.-obuv.prom. 5 no.10:
15-17 0 '63. (MIRA 17:4)

Poland/Diseases of Farm Animals. Noninfectious Diseases R-2

Abs Jour : Ref Zhur-Biol., No. 2, 1958, 2773

Author : Balbierz H.

Inst : Not given

Title : Prophylaxis of Anemia in Suckling Piglets. Preliminary Report

Orig Pub : Med. weteryn. 1955, 11, No 1, 41-42

Abstract : Research was conducted to determine the cause of large scale morbidity among suckling piglets. Autopsies revealed acute pale color of the mucosa and the surrounding membranes, dilation of the heart, and modifications characteristic of exhaustion in older piglets. An investigation of the blood of suckling piglets has shown that a considerable drop in the Hb and erythrocytes in the blood takes place already during the first week

Card 1/2

Poland/Diseases of Farm Animals. Noninfectious Diseases R-2

Abs Jour : Ref Zhur-Biol., No 2, 1958, 2773

BALBIERZ, Henryk (Wroclaw)

The anemia of suckling pigs. Roczn. nauk roln. wet. 70 no.1/4:133-135
'60. (EEAI 10:9)

(Swine) (Anemia)

BALBIERZ, H.; KUPROWSKI, M.; SIĘLICKA, B. (Wrocław)

Isolation of the virulent *Candida albicans* strain in the course of
endemic *Lutreola lutreola*. Roczn. nauk roln. wet. 70 no.1/4:243-244
'60. (KEAI 10:9)

(Minks) (Candida albicans) (Lutreola)

BALBIERZ, H.; BARNECKI, W.; BIELICKI, Franciszek; CZYZEWSKI, Kazimierz;
NOWOSAD, R.; SKORA, Klemens

Concentration of I-131 in the thyroid after methylthiouracil,
vitamin A and potassium bromide. Endocr. pol. 13 no.1:81-86
'62.

1. I Klinika Chirurgiczna A.M. we Wrocławiu Kierownik: prof. dr
K.Czyżewski Katedra Fizjopatologii Wydz. Wet. Wyższej Szkoły Rolniczej
we Wrocławiu Kierownik: Zast. - prof. dr. W.Barnecki.

(THYROID GLAND metab) (IODINE metab)
(THIOURACIL pharmacol) (BROMIDES pharmacol) (VITAMIN A pharmacol)

BALBINA, A. I.

"Permanent scar from Ixodes bite," 1942 with V. S. Mironov.

Balbina, A. I., Dept. Entomology and/or Hospital Center
Central. Inst. Malaria & Med. Parasitol., Moscow.

BALBYSHEV, A. P., Cand Agric Sci (diss) -- "The growth, development, and productivity of dairy cows raised on two systems of fodder rations". Leningrad-Pushkin, 1959. 16 pp (Min Agric RSFSR, Leningrad Agric Inst), 150 copies (KL, No 11, 1960, 135)

BALBYSHEV, I.N. (Leningrad)

Review of book "Young friends of railroad men", by G.A. Baldin
and P.P. Soskov. Put' i put. khoz. 9 no.7:40 '65.

(MIRA 18:10)

1. Deystvitel'nyy chlen Geograficheskogo obshchestva SSSR.

BALBYSHNV, I.N.

Guard protective forest belts from fire. Pat' i put. khoz. no. 7:33-34 J1 '58. (MIRA 11:7)

1. Starshiy inzhener Proyektno-izyatel'skogo otryada po zashchitnym lesomazhdeniyam, g. Pushkin.
(Railroads--Fires and fire prevention)
(Forest fires--Prevention and control)

26-58-5-42/57

AUTHOR: Balbyshev, I.N., (Pushkin, Leningrad Oblast')

TITLE: "Weeping" of Plants ("Plach" Rasteniy)

PERIODICAL: Priroda, 1958, ^{Vol. 47,} Nr 5, pp 114 - 115 (USSR)

ABSTRACT: Maple and birch trees of the South Urals were observed in the area of the town of Asha in the Chelyabinsk Oblast' with respect to their sap flow. Similar conditions were found in the adjacent Gafuriy region of the Bashkir ASSR. The flow started between 22 March and 5 April on the south slopes when there was still deep snow. It ended between 24 April and 7 May. On the north slopes it began between 4 and 17 April and ended between 29 April and 12 May. The period of flow was 33 days on the south and 25 days on the north slopes. Also the total amount and sugar content of the south-slope maple sap is higher. The intensity of flow varies with the temperature. It is highest during the first afternoon hours of fine weather. Sunny days and cold nights are the most favorable condition. Sudden cold spells, fog and alternating cold and warm weather in daytime reduces the flow. The intensity of the flow also depends on the advanced stage of the

Card 1/2

"weeping" of Plants

26-58-5-42/57

opening of buds and leaves, and the presence of insects and butterflies. A wild sacharomycete was discovered in the sap under microscope. This explains why the sap turns sour and flocculates so soon. The *Endomyces vernalis* bacterium causes a slimy coagulation.

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Card 2/2 1. Plants - Physiology

AUTHOR: Balbyshev, I.N. SOV-26-58-8-50/51

TITLE: Dates of Development of the Plants of the North (Sroki razvitiya rasteniy severa)

PERIODICAL: Priroda, 1958, ⁴⁷Nr 8, pp 127-128 (USSR)

ABSTRACT: The article deals with the vegetative period of diverse plants of the tundra and forest tundra. It stresses the riches of these regions in mushrooms and many kinds of wild berries. Spring development sets in suddenly when there is still a snow cover everywhere. The summer high of temperature there is 35°, while frosts may start in the middle of August, although there are very warm September months on record. The compressed decisive period for the overground development of the plants of the North yields phenomena of quasi overnight growth, plants simultaneously without buds, with buds and in bloom and other particularities. There are 2 photos and 1 Soviet reference.

ASSOCIATION: Bol'shezemel'skaya tundra /stantsiya Vorkuta (The Bol'shezemel'skaya Tundra /Vorkuta Station).

1. Plants--Arctic regions 2. Plants--Climatic factors 3. Climate
--Arctic regions

Card 1/1

RALBYSHEV, I.N.

Afforestation in the Far North. Put' i put.khoz. 4 no.2:34-35
F '60. (MIRA 13:5)

1. Starshiy inzhener proyektno-izyskatel'skogo otryada po
sashchitnym lesonasashdeniyam, Leningrad.
(Railroads--Snow protection and removal)
(Afforestation)

RALBYSHEV, I.N.

Lengthening the life expectancy of pine trees. Put' i put.khoz.
4 no.8:34-35 Ag '60. (MIRA 13:7)

1. Starshiy inzhener proyektno-isyskatel'skogo otryada, Leningrad.
(Pine)
(Railroads--Snow protection and removal)

BALBYSHEV, I.N., insh.-lesovod

Fast and cheap ways of growing tree belts. Put' i put.khos. 5
no.10:33-35 0 '61. (MIRA 14:10)

1. Deystvitel'nyy ohlen Geograficheskogo obshchestva SSSR, §. Pushkin.
(Windbreaks, shelterbelts, etc.)

BALYSHEV, I.N.

Improve landscaping in tree planting. Put' i put. khoz. 7
no. 6:40-41 '63. (MIRA 16:7)

1. Deystvitel'nyy chlen Geograficheskogo obshchestva SSSR,
g. Pushkin.
(Roadside improvement)

BALBYSHEV, I.N.

Juice movement and its tapping in maple. Geog. sbor. no.16:156-166
63. (MIRA 16:6)

(Sugar maple)