

NEMEC, Pavel, clen koresp.; BETINA, Vladimir, prom.biol.; KOVACICOVA, Ludmila, inz.

Study of antibiotics from mushrooms by means of chromatographic analysis. Biologia 16 no.5:375-381 '61.

1. Katedra technickej mikrobiologie Slovenskej vysokej školy technickej v Bratislave (for Nemeč and Betina) 2. Biologický ústav Slovenskej akadémie vied, Boleraz (for Kovacicova)

(MUSHROOMS) (CHROMATOGRAPHY)

BETINA, Vladimir, inz., C.Sc., premenovany biolog

pH Chromatography of antibiotics. Part 2: Antibiotics of acidic character. Chem zvesti 15 no.10:750-759 0 '61.

1. Katedra technickej mikrobiologie a biochemie Slovenskej vysekej skoly technickej, Bratislava. Author's address: Bratislava, Kellarevo nam. 2, Chemicky pavilon Slovenskej vysekej skoly technickej.

BALAN, J.; NEMEC, P.; BETINA, V.

Chromatographic study of antibiotics from soil fungi. Folia microbiol.
7 no.4:243-246 '62.

1. Department of Technical Microbiology, Institute of Biology,
Slovak Academy of Sciences, and Department of Technical Microbiology
and Biochemistry, Faculty of Chemistry, Slovak Polytechnical University,
Bratislava.

(SOIL - microbiology)
(FUNGI - chemistry)

(ANTIBIOTICS - chemistry)
(CHROMATOGRAPHY)

BETINA, V.; NEMEC, P.; DOBIAS, J.; BARATH, Z.

Cyanein, a new antibiotic from penicillium cyaneum. Folia microbiol.
7 no.6:353-357 '62.

1. Department of Technical Microbiology and Biochemistry, Faculty of
Chemistry, Slovak Technical University, Bratislava.
(ANTIBIOTICS)

BETINOVA, M.; BETINA, V.

Penicillin after 20 years. Bratisl. lek. listy 42 no.4:234-241 '62.

1. Z Ustavu epidemiologie a mikrobiologie v Bratislave, veduci doc. MUDr. J. Karolcek, a z Katedry technickej mikrobiologie a biochemie Chemickej fakulty Slovenskej vysokej skoly technickej v Bratislave, veduci clen koresp. SAV P. Nemec.

(PENICILLIN)

BETINA, V.; NEMEC, P.; STRMENOVA, Helena

Investigation of submerged production of the antibiotic cyanein.
Folia microbiol. 8 no.2:125-127 '63.

1. Department of Technical Microbiology and Biochemistry, Faculty of
Chemistry, Slovak College of Technology, Bratislava.
(ANTIBIOTICS) (PENICILLIUM) (FERMENTATION)
(GLUCOSE) (FRUCTOSE) (SUCROSE) (STARCH)
(CULTURE MEDIA)

NEMEC, P.; BETINA, V.

Determination of Cyanein by the Microbiological Diffusion Method
Folia microbiol. 8 no. 4:251-253, 1963

1. Department of Technical Microbiology and Biochemistry, Faculty of
Chemistry, Slovak Technical College, Bratislava
(ANTIBIOTICS) (CANDIDA) (SACCHAROMYCES) (BACTERIOLOGICAL TECHNIQUES)
(FERMENTATION) (PENICILLIUM)

NEMEC, P.; BARATH, Z.; BETINA, V.; KUTKOVA, Marta

Antibiotic activity of fungi isolated from soil samples from
Indonesia. Folia microbiol. (Praha) 9 no.6:383-386 N '64.

1. Department of Technical Microbiology and Biochemistry, Faculty
of Chemistry, Slovak Technical College, Department of Microbiology,
Institute of Biology, Slovak Academy of Sciences, Bratislava.

BETINA, Vladimir, inz., promovany biolog, CSc.; NEMEC, Pavel, prof. dr., promovany farmaceut; KUTKOVA, Marta, promovany biolog; BALAN, Jozef, inz., CSc.; KOVAC, Stefan, doc., dr., inz. CSc.

Citrinin isolation from *Penicillium notatum* Westling. Chem zvesti 18 no.2:128-139 '64.

1. Department of Technical Microbiology and Biochemistry, Slovak Higher School of Technology, Bratislava, Kollarovo namesti 2 (for Betina, Nemeč, Kutkova).
2. Biological Institute, Slovak Academy of Sciences, Department of Technical Microbiology, Bratislava, Dubravska cesta (for Balan).
3. Department of Organic Chemistry, Slovak Higher School of Technology, Bratislava, Kollarovo namesti 2 (for Kovac).
4. Corresponding member of the Slovak Academy of Sciences (for Nemeč).

BETINQVA, Milena; KAROLCEK, Jan

A contribution to evaluation of hemagglutination in the serological diagnosis of dysentery. Cesk. epidem. mikrob. imun. 10 no.5:302-308 1961.

1. Ustav epidemiologie a mikrobiologie v Bratislave.
(DYSENTERY BACILLARY immunol.) (HEMAGGLUTINATION)

BEPTINCOVA, Milena

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Institute of Epidemiology and Microbiology (Ustav epidemiologie a mikrobiologie), Bratislava

Source: Bratislava, Nasa Veda, Vol VIII, No 9, 1961, pp 520-526.

Data: "The Good and Bad Aspects of the Treatment with Antibiotics."

GRU 681643

BETINOVA, M.; BETINA, V.

Penicillin after 20 years. Bratisl. lek. listy 42 no.4:234-241 '62.

1. Z Ustavu epidemiologie a mikrobiologie v Bratislave, veduci doc. MUDr. J. Karolcek, a z Katedry technickej mikrobiologie a biochemie Chemickej fakulty Slovenskej vysokej skoly technickej v Bratislave, veduci clen koresp. SAV P. Nemec.

(PENICILLIN)

BETINOVA, M.; NEMEC, J.

Presence of pathogenic staphylococci in a paediatric clinic and their sensitivity to antibiotics. Cesk. epidem. 13 no.5:279-285 S '64.

1. Ustav epidemiologie a mikrobiologie, Bratislava a Oddelenie mikrobiologie Biologického ustavu Slovenskej akademie ved, Bratislava.

BETINOVA, M.; NEMEC, P.^A

Study of the sensitivity of antibiotics of staphylococci from patients, personnel and the environment of a surgical clinic.
Bratisl. lek listy 44 no.6:336-344 '64.

1. Ustav epidemiologie a mikrobiologie v Bratislave (veduci doc. MUDr. J. Karolcek) a Oddelenie mikrobiologie Biologickeho ustavu SAV [Slovenska akademia vied] v Bratislave (veduci clen koresp. SAV [Slovenska akademia vied] P.Nemec).

BETINOVA, M.

The incidence of pathogenic staphylococci in urban and rural populations in Slovakia and their antibiotic sensitivity.
Bratisl. lek. listy 45 no.3:147-152 15 F '65.

1. Vyskumny ustav epidemiologie a mikrobiologie v Bratislave
(riaditel: doc. MUDr. J. Karolcek).

STANCOVA, M.; HEMET, F.; BORISKA, J.

Relationships between antibiotic resistance and staphylococcal phage types in hospitals. Czech. epidem. 14 no.3:170-176 My '65.

1. Ústav epidemiologie a mikrobiologie, Bratislava. Oddelenie mikrobiologie Biologického ústavu Slovenskej Akadémie vied, Bratislava.

14822-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6008348

SOURCE CODE: CZ/0049/65/000/004/0274/0279

AUTHOR: Betinova, Milena (Graduate physician; Bratislava); Nemets, Pavel—Nemec, P.
(Corresponding member SAV; Professor; Doctor; Bratislava)

ORG: Institute of Epidemiology and Microbiology, Bratislava; Department of
Microbiology, Institute of Biology SAV, Bratislava

TITLE: Resistant Staphylococci found on personnel attending domestic animals
receiving food with chlorotetracyclin additives

SOURCE: Biologia, no. 4, 1965, 274-279

TOPIC TAGS: man, bacteria, bacteriology, antibiotic

ABSTRACT:

130 attendants working with pigs and cattle were examined to find the presence of strains of Staphylococcus aureus in their noses. Isolated strains positive to coagulase were subjected to tests to determine their sensitivity to 8 antibiotics. 6.5% of the strains resisted penicillin, 2.1% streptomycin, and 19.1% chlorotetracyclin. The resistant strains do affect the attendants. The standard preparations were from the Research Institute of Antibiotics, Rostok. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 30Sep64 / ORIG REF: 003 / OTH REF: 004

Card 1/1

L 34536-66 T JK

ACC NR: AP6024717

SOURCE CODE: CZ/0049/66/000/002/0109/0117

AUTHOR: Betinova, Milena (Graduate physician; Candidate of sciences; Bratislava);
Nemec, Pavel—Nemets, P. (Professor; Doctor; Corresponding member SAV; Bratislava)²⁶

ORG: [Betinova] Research Institute of Epidemiology and Microbiology, Bratislava^B
(Vyskumny ustav epidemiologie a mikrobiologie); [Nemec] Department of Microbiology,
Biological Institute, SAV (Oddelenie mikrobiologie Biologickeho ustavu SAV)

TITLE: Study of the resistance to antibiotics shown by staphylococcal groups
isolated from personnel working in the production of antibiotics⁶

SOURCE: Biologia, no. 2, 1966, 109-117

TOPIC TAGS: antibiotic, erythromycin, streptomycin, penicillin, bacteriology

ABSTRACT: 128 groups of staphylococci were isolated from employees of a plant producing antibiotics. Their resistance to 8 antibiotics was studied: benzylpenicillin (PNC), streptomycin (STM), chlorotetracycline (CTC), chloramphenicol (CHL), erythromycin (ERY), bacitracin (BAC), kanamycin (KAN), and vancomycin (VAN). In groups isolated from employees in penicillin production 42% were resistant to PNC, 17 to STM, 15 to CTC, 2 to CHL and 2 to ERY. In CTC production the figures were 28% PNC, 24 to STM, 24 to CTC; where employees worked in fermentation the corresponding % were 45, 71, and 63. Standard preparations were made at the Research Institute of Antibiotics, Rostok. Orig. art. has: 3 figures and 4 tables. /JPRS: 35,814/

SUB CODE: 06 / SUBM DATE: 30Jun65 / ORIG REF: 003 / SOV REF: 002 / OTH REF: 005
Card 1/1 *dy* 0915 2541

BETKA, Cenek; STRACHOTA, Antonin, inz.; CIHAK, Radim

On standardization of thermal treatment techniques.
Pod org 17 no.5:204-207 My '63.

1. Tovarny na obrabeci stroje Celakovice (for Betka)
2. Statni vyzkumny ustav materialu a technologie, Praha
(for Strachota)
3. Technicko-organizacni vyzkumny ustav strojirensky (for Cihak).

BETKA, J.; ZIEKA, J.

Treatment of glass with silicon. p. 29. SKLAD A KERAMIK. (Ministerstvo
lehkeho prumyslu) Praha. Vol. 5, no. 11, Nov. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

PRIBYLOVSKIY, B.A., inzh.; RYABINSKAYA, L.A., inzh.; BETKER, L.I., inzh.

Ultrasonic testing of uncleaned surfaces of R18 steel. Stal' 23 no.4:
364 Ap '63. (MIRA 16:4)

1. Chelyabinskiy metallurgicheskiy zavod.
(Ultrasonic testing) (Steel ingots—Testing)

BETKHER, F.

to

BEKHTER, F., Cand Biol Sci -- (diss) "^{Methods} ~~Acceptances~~ ^{ed} of directed ~~and~~
^{cultivation} ~~breeding~~ of potato seedlings." Mos, 1958. 16 pp; 1 sheet of
tables. (Mos State Univ im M. V. Lomonosov), 130 copies. (KL,
9-58, 115)

- 41 -

BETTER G.T.
BETKHER, F.

Controlled modification of the stolon length in interspecific potato hybrids. Agrobiologia no.1:44-55 Ja-F '58. (MIRA 11:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova,
Kafedra genetiki i selektsii.

(Potato breeding) (Roots (Botany))

L 4103-66 EWT(d)/EEC(k)-2

ACC NR: AP5028877

SOURCE CODE: CZ/0042/65/000/002/0085/0092 32

AUTHOR: Betko, Julius (Engineer)

ORG: Electrical Engineering Institute, SAV, Bratislava (Elektrotechnicky ustav SAV)

TITLE: Contribution to the analysis of the accuracy of measuring the magnetic field in quadrupole lenses by means of Hall generators

SOURCE: Elektrotechnicky casopis, no.2, 1965, 85-92

TOPIC TAGS: magnetic field measurement, ^{qvm} magnetic quadrupole lens, Hall generator

ABSTRACT: An analysis is given of the error caused by the deviation and displacement of the Hall generator plane in relation to the main plane of the quadrupole lense when measuring the magnetic inductance in this plane. The analysis shows that in the case of measurements on lenses with an aperture in the order of 10^2 mm, this error outside the region of the magnetic axis is less than 0.4 percent if the position of the Hall generator is traced by means of a precise optical apparatus. The work was presented by L. Cesnak. The author thanks Member of the Electrotechnical Institute of the Czechoslovak Academy of Sciences Engr. I. Hlasnik, Candidate of sciences, for valuable remarks in discussions, Engr. M. Polak for assistance with the measurements, and M. Bir for the construction of a suitable Hall generator. The author further thanks the Laboratory of High Energy of the Joint Institute of Nuclear Research in Dubne for making possible the measurements on the quadrupole lens and the workers of this institute for the careful compiling of the preparations for the

Card 1/2

L 4103-66

ACC NR: AP5028877

measurements. Orig. art. has: 3 formulas, 1 figure, and 1 table. [JPRS]

SUB CODE: OP, EE / SUBM DATE: 27Feb64 / ORIG REF: 002

BVK

Card 2/2

BETKOVA, A.

1
Trimethylchlorosilane. Jaroslav Žižka and Alena Betková. *Chem. průmysl* 9, 65-8 (1959). Me_3SiCl , b. 57.7, d_4^{20} 0.858, was prepd. by direct synthesis and also by direct methylation of a mixt. of methylchlorosilanes. The Hurd method (C.A. 40, 50⁹) was a stepwise methylation of MeSiCl_2 with Al as a catalyst in a vertical reactor equipped with a spiral agitator. The reaction took place below 350° to give primarily Me_2SiCl . Treating 0.5 mole Me_2SiCl with 0.5 mole MeCl and Al at 130 to 150° gave Me_3SiCl .

Jos. Lodere

3

4E3

HEZC

9-9

BETKOVA, A.; ZIZKA, J.

Preparation of trimethylchlorosilane by methylation of dimethyldichlorosilane according to D.T. Hurd. p. 65

CHEMICKÉ PRŮMYSLI. (Ministerstvo chemického průmyslu) Praha, Czechoslovakia
Vol. 9, No. 2, Jan. 1959

Fil

Monthly List of East European Accessions, (EEAI) LC, Vol. 8, No. 7, July 1959
Uncl.

CHERNOVA, I.A.; BETKOVA, M.A.

Therapeutic use of antibiotics in typhoid bacilli carriers.
Sov.med.18 no.3:40-41 Mr '54. (MLRA 7:2)

1. Iz poliklinicheskogo otdeleniya (zaveduyushchiy O.P.Mat-
veyev) Instituta infektsionnykh bolezney Akademii meditsinskikh
nauk SSSR i kliniko-diagnosticheskoy laboratorii (zaveduyushchiy
A.M.Mar'yasheva). (Antibiotics) (Typhoid fever)

BETKOWSKI, Andrzej; SOBANSKI, Tadeusz

Intracranial complications during the course of otitis media in infants. Polski tygod.lek. 15 no.37:1409-1410 12 S '60.

1. Z Kliniki Laryngologicznej Sl. A.M. w Zabrze; kierownik: prof.
dr med. T.Ceypek i z Kliniki Chorob Dzieci Sl. A.M. w Zabrze; kierownik:
prof. dr med. A.Chwalibogowski
(OTITIS MEDIA compl)
(BRAIN dis)

KUSNIERCZYK, Wacław; BETKOWSKI, Andrzej; KWIATKOWSKA, Anna;
LEPKOWSKA, Halina; SWIATNICKA, Jolanta

Late postradiation injury of the larynx in relation to the intensity of local reaction during x-ray treatment of the cancer of larynx and lower pharynx. Nowotwory 15 no.2:173-179 Ap-Je '65.

1. Z Kliniki ORL Slaskiej AM w Zabrze (Kierownik: prof. dr. med. T. Ceypek) i z Instytutu Onkologii w Gliwicach (Dyrektor: dr. med. J. Swiecki).

BETKOWSKI, J.

Supplying the market with tools. p. 449

MECHANIK Warszawa, Poland Vol. 32, no. 8, Aug. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2,
Feb. 1960
Uncl.

BETKOWSKI, W.

Beuthen and the demands concerning its landscape gardening. p. 30

CHRONMY PRZYRODE OJCZYSTA. (Panstwowa Rada Ochrony Przyrody)
Krakow. Vol. 15, no. 1, Jan./Feb. 1959

Poland

Monthly List of East European Index (EEAI), IC, Vol. 8, no. 6, June 1959
Uncl.

BETKOWSKI, W.

Still more on the Turkish turtle dove. Wszechswiat no.6:168 Je '62.

BETLACH, Jaroslav, inz.

Examination of combination capacities of some selected tomato varieties. Rost výroba 11 no.1:61-70 Ja '65.

1. Research Institute of Vegetables, Olomouc. Submitted July 6, 1964.

BETLEJ, Sándor; HAJOS, László; SZEKELY, Zoltan

Testing motor vehicles by tensiometer. Jarmu mezo gep 8
no.9:322-034 S '61.

1. Jarmufejlesztési Intezet kutatomernoke.

HAJOS, Laszlo, okl.gepeszmernok; BETLEJ, Sandor, okl.gepeszmernok.

From the experiences of the 1961 Budapest Conference on Modern
Gaugin. Jarmu mezo gep 9 no.4:133-142 Ap ' 62

1. Jarmufejlesztési Intezet.

BETLEJEWSKA, Barbara; SZCZUROWNA, Marta

Rare complications in early and late anterior acute poliomyelitis.
Polski tygod. lek. 16 no.19:717-719 8 My '61.

1. Z I Kliniki Chorob Dziecięcych w Gdansk; kierownik: prof. dr
Kazimierz Erecinski.

(POLIOMYELITIS compl)

KLAJMAN, Stanislaw; BETLEJEWSKI, Stanislaw

A project for air conditioning for post-laryngectomy patients.
Otolaryng. Pol. 19 no.1:23-28 '65.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej w Gdansk
(Kierownik: prof. dr. med. J. Iwaszkiewicz) i z Katedry Medy-
cyny Morskiej Wojskowej Akademii Medycznej w Lodzi (Kierownik:
prof. dr. med. A. Dolatkowski).

BETLEJEWSKI, Stanislaw

2 cases of burns of lips and oral cavity by electrical current.
Otolaryng. pol. 16 no.4:657-659 '62.

1. Z Kliniki Otolaryngologicznej AM w Gdansk Kierownik: prof. dr
J. Iwaszkiewicz.
(BURNS, ELECTRIC) (FACIAL INJURIES) (MOUTH) (LIPS)

BETLEJEWSKI, Stanislaw

Congenital cervical cysts and fistulae according to data of
the Gdansk Clinic. Otolaryng. pol. 17 no.1:73-76 '63.

1. Z Kliniki Otolaryngologicznej AM w Gdansku Kierownik: prof.
dr J. Iwaszkiewicz.

(THYROGLOSSAL CYST) (BRANCHIOMA) (STATISTICS)

BETLEJEWSKI, Stanislaw; KLAJMAN, Stanislaw

A case of congenital neurogenic deafness. Otolaryng. Pol.
17 no.3:331-335 '63

1. Z Kliniki Otolaryngologicznej AM w Gdansk; kierownik:
prof.dr. J.Iwaszkiewicz.

*

L 00875-67 T SCTB DD/JK

ACC NR: AP6021856

(A,N)

SOURCE CODE: PO/0082/66/000/003/0062/0069

AUTHOR: Betlejewski, Zdzislaw (Lieutenant commander, Doctor)

ORG: None

TITLE: Prevention of epidemics among ships crews

SOURCE: Przegląd morski, no. 3, 1966, 62-69

TOPIC TAGS: ship, epidemiology, preventive medicine, *NAVAL MEDICINE*

ABSTRACT: The author discusses the special hygienic and sanitary problems encountered on shipboard. Various preventative methods are discussed for avoiding the outbreak of epidemics among ships crews² as well as for preventing diseases from spreading. These include examinations, vaccinations, research facilities and adherence to sanitary and hygienic procedures. Treatment of contagious illnesses is discussed as well as means for isolation and quarantine. It is pointed out that proper organization of facilities for prevention of epidemics on military vessels is one of the most important factors which determine the fighting condition of the ship.

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 004

Card 1/1 *LC*

RETLHEIM, Stjepan, doc. dr.

Indications of psychotherapy. Med. glasn. 8 no.11-12:411-415
Nov-Dec 54.

1. Neurolosko-psihijatrijska klinika Medicinskog fakulteta u Zagrebu
(predstojnik prof. dr. R.Lopasic)
(PSYCHOTHERAPY
indic.)

BETHELM. Stieren

Genetic aspects of manifestations of neuroses. Neuropsihijatrija
3 no.2:109-116 1955.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u
Zagrebu. Pred: Prof. Dr. R. Lopasic).
(NEUROSES, heredity,)

BETLHEIM, Stjepan, Doc., dr.

Sigmund Freud; 100th anniversary of his birthday. Med. glasn.
10 no.9:372-375 Sept 56.

1. Neurolosko-psihijatrijska klinika Medicinskog fakulteta u
Zagrebu (predstojnik prof. dr. R. Lopasic).

(BIOGRAPHIES

Freud, Sigmund (Ser))

BETLHEIM, S.

Operations and diseases of genitalia and their relation to psychic impotence. Neuropsihijatrija 4 no.3-4:157-170 1956.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu (Predstojnik: Prof. dr. R. Lopasic).

(GENITALIA,

surg. & dis. in relation to psychic impotence (Ser))

(IMPOTENCE, etiol. & pathogen.

dis. & surg. of genitalia (Ser))

BETLHEIM, Stjepan, Doc., dr.

Viewpoints on problems of psychosomatic medicine. Med. glas.
11 no.1:3-7 Jan 57.

1. Neurolosko-psihijatrijska klinika Medicinskog fakulteta u Zagrebu
(Predstojnik: prof. dr. R. Lopasic).
(PSYCHOSOMATIC DISEASES,
review (Ser))

BETLHEIM, Stjepan, Dr.; BLAZEVIC, Duska, dr.

Experiences and problems of a psychotherapeutical ward.. Lijec.
vjes. 79 1-2:16-24 Jan-Feb 57.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u
Zagrebu.

(CLINICS

psychother. dispensary of neuro-psychiatric Clinic of
Zagreb (Ser))

BETLHEIM, Stjepan, dr.; BUCAN, Neda, dr.; KOPORCIC, Petar, dr.

On psychotherapy of psychical impotence. Lijec. vjes. 81 no.7-8:
493-502 '59.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u
Zagrebu.

(PSYCHOTHERAPY)
(IMPOTENCE ther.)

BETLHEIM, S.; BLAZEVIC, D.; BECK-DVORZAK, M.; BUCAN, N.; CIVIDINI, E.;
KATIVIC, N.; RADOSEVIC, Z.

Role of psychological tests during psychotherapy of neurotic patients.
Neuropsihijatrija 8 no.4:254-260 '60.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta
Sveucilista u Zagrebu - Psihoterapijski odjel (Predstojnik, Prof.
dr. R. Lopasic).

(PSYCHOTHERAPY) (PSYCHOLOGICAL TESTS)

BETLHEIM, Stjepan
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: Professor Dr.

Affiliation: Zagreb

Sources: Belgrade, Narodno zdravlje, No 7-8, 1961, pp 221-226.

Data: "Planning of Scientific Research on Mental Health."

(1)

12

BETLHEIM, Stjepan, prof., dr.

On planning scientific-research activities in the field of mental health in our country. Med. glasn. 15 no.2/2a:45-47 F '61.

1. Neurolosko-psihijatrijska klinika Medicinskog fakulteta u Zagrebu
(Predstojnik: prof. dr R. Lopasic).

(MENTAL HYGIENE)

BETLHEIM, S.; BLAZEVIC, D.; BUCAN, N.; PERSIC, N.; RADOSEVIC, Z.

On the attitude toward psychiatric patients. Neuropsihijatrija 9
no.4:273-285 '61.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu
(Predstojnik: Prof. dr R. Lopasic)

(MENTAL DISORDERS)

BETLHEIM, S.; BLAZEVIC, D.; BECK-DVORZAK, M.; BUCAN, N.; CIVIDINI, E.

Effect of physical injuries on the etiology and structure of neuroses. Neuropsychiatria 11 no.2:143-149 '63.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu (Predstojnik: Prof. dr. R. Lopasic).

BEILHEIM, Stjepan, prof. dr.

Preventive possibilities of physicians in the field of neuroses.
Med. glas. 18 no.12:401-404 D 1971

1. Neurolosko-psihijatrijska klinika Medicinskog fakulteta u
Zagrebu (Predstojnik: prof. dr. A. Lopasic).

PERSIC, Nikola, dr.; BETLHEIM, Stjepan, dr.; BLAZEVIC, Duska, dr.;
BECK-DVORZAK, Maja, dr.; BUCAN, Neda, dr.; CIVIDINI, Eugenija, dr.;
RADOSEVIC, Zlata, prof.

Attitude of the milieu toward the mentally ill. Lijecn. vjesn.
87 no.4:385-395 Ap '65.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta
u Zagrebu.

TIKHOMIROV, N.; BETOKHOV, M.

Characteristics of navigation in the section Kama estuary -
Golaktionovo. Rech.transp. 20 no.6:41-43 Je '61. (MIRA 14:6)

1. Nachal'nik Kazanskogo tekhnicheskoy puti (for Tikhomirov).
2. Starshiy inspektor Kazanskogo uchastka sudokhodnoy inspeksii (for Vetokhov).

(~~Kama River~~—Navigation)

9.2540 (1020, 1138, 1159)

26. 2351

21202
H/012/60/008/006/001/002
B122/B227

AUTHORS: Drashev, M., Dershanski, A., and Betov, B., Members of the
Institute (see Association)

TITLE: Electronically stabilized voltage source (0-2500 v, 40 ma)
of high stability and low internal resistance

PERIODICAL: Mérés és Automatika, v. 8, no. 6, 1960, 179-182

TEXT: The direct-voltage source described is electronically stabilized, its output voltage is of high stability and adjustable within wide limits (0-2500 v), and it supplies a current of relatively high intensity (0-40 ma). The reference voltage source is also electronically stabilized. The stabilization factor is higher than 1000 within the entire working range, and the internal resistance of the voltage source is about 1 ohm. When the loading current has reached a certain value, the output voltage is automatically switched off. Voltage sources meeting these specifications are needed for research on the discharge characteristics of various gases, where the phenomena in question appear within very narrow voltage ranges. A series-regulated stabilizer is used for the required current

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Electronically stabilized voltage ...

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B122/B227

intensity, and an auxiliary source is necessary for the reference voltage because of the wide range of output voltages. The auxiliary voltage source is also electronically stabilized because it has to supply a sufficiently high negative voltage for cutting off the series regulating tubes. Fig. 1 is a block diagram of the stabilized voltage source. Because of the limited load capacity of series tubes, the entire output range is divided into two voltage ranges: 0-1000 v and 1000-2500 v. In the first range, the voltage of the rectifier unit is about 2600 v, and in the second about 4600 v. From known formulas for series stabilizers regulated on the output side, the following values are computed: amplification of the regulating amplifier: 3360. This can be attained easily by a two-stage amplifier. Output resistor of the supply unit: 0.5 ohm. For the reference-voltage source, a stabilization factor of 10,000 is assumed. As the regulating amplifier of the voltage stabilizer is supplied from the reference voltage source, a low internal resistance of the latter is desirable. Therefore, a series-type circuit is expedient here, too. To avoid dependence on filament supply, part of the tubes of the regulating amplifier are heated by an electromagnetic stabilizer which also supplies the a-c input of the reference source. The necessary stabilization factor

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of the direct-voltage stabilizer part is calculated to be: 500. The amplification of the two-stage amplifier of the direct-voltage stabilizer of the reference source is about 1000. The output resistor of the reference source is rated at 1 ohm. The mains transformer supplies an effective voltage of 1800 or 3200 v according to the setting of the output voltage. The reference source is supplied by a transformer which receives pre-stabilized voltage from a mains transformer. A relay included in the stabilizer assures that, when the load reaches a certain value, negative voltage is switched on the tube grids, and the output voltage is reduced to zero. Characteristic curves are presented in Figs. 3-6. There are 6 figures. X

ASSOCIATION: A Bulgár Tudományos Akadémia Fizikai Intezete (Physical Institute of the Bulgarian Academy of Sciences)

SUBMITTED: January 14, 1960

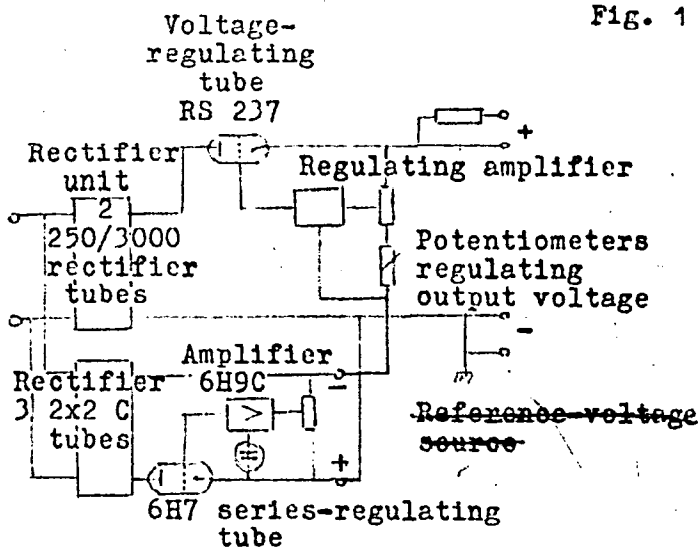
Card 3/6

21202

Electronically stabilized voltage ...

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Fig. 1



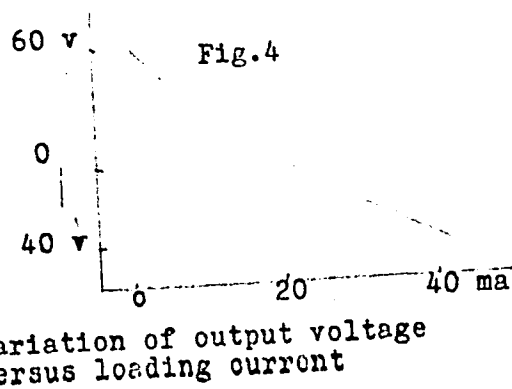
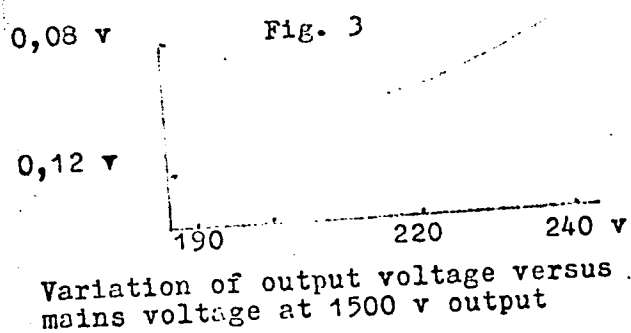
Card 4/6

Fig. 1

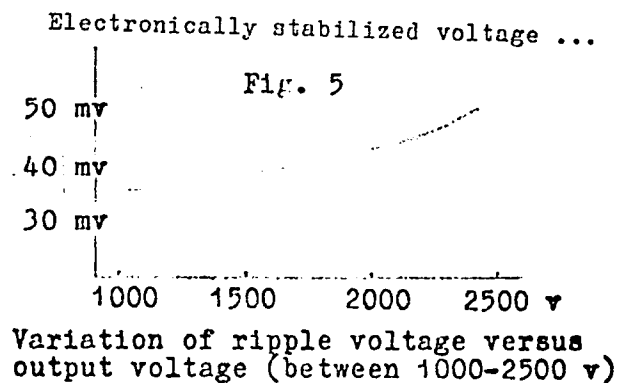
Electronically stabilized voltage ...

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B122/B227

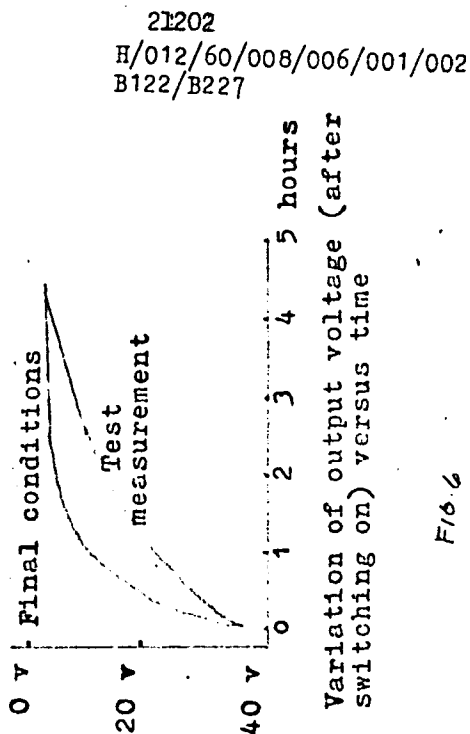
Characteristic curves



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Card 6/6



BETOWSKI, Andrzej; KUSNIERCZYK, Wacław

A case of early cerebrospinal meningitis as a complication of acute otitis media. Otolaryngologia 14 no.1:141-143 '60.

1. Z Kliniki Otolaryngologicznej Sl. A.M. w Zabrze, Kierownik:
prof. dr. T. Ceypek.

(MENINGITIS etiol.)

(OTITIS MEDIA compl.)

BETRAKOV, V.F.

"Chronicle. The Conference upon Corrosion of Metals in Sea Water",
Iz ak Nauk SSSR Otdel. Khim Nauk 3, 1949

BOHACEK, N.; BOLCIC-WICKERHAUSER, J.; HERCEG, N.; BETRIANI, M.

Mitigated electroconvulsive therapy. Neuropsihijatrija 8 no.4:271-277
'60.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu
(Predstojnik: Prof. dr. R. Lopasic) Iz Kirurske klinike Medicinskog
fakulteta u Zagrebu (Predstojnik: Prof. dr. D. Juzbasic).

(SHOCK THERAPY ELECTRIC)

PERSIC, N.; VINEK, Z.; PALMOVIC, R.; ARKO, K.; BETRIANI, M.

On some modifications of electric shock therapy. Neuropsihijatrija
9 no.2/3:166-177 '61.

1. Iz Neurolosko-psihijatrijske klinike (Predstojnik: Prof. dr
R. Lopasic) i Kirurske klinike Medicinskog fakulteta u Zagrebu
(Predstojnik: Prof. dr D. Juzbasic).
(SHOCK THERAPY ELECTRIC)

KOVATS, Tibor, dr.,; BETRO, Janos, dr.,; BODA, Liva.,; SZURGENT,
Sandor.

Research on the enterotoxic properties of Staphylococcus isolated
in food poisonings. ~~Nepegessegy~~ 36 no.3:73-77 Mar 55.

1. Kozlemeny a Szegedi Orvostudományi Egyetem Kozegeszsegiani
Intezetebol (igazgato: Kanyo Bela dr. egyetemi tanar) es az
Orszagos Kozegeszsegugyi Intezet szegedi allomasvezeto: Vetro
Janos dr.)

(FOOD POISONING, bacteriology

Micrococcus pyogenes, enterotoxic properties)

(MICROCOCCLUS PYOGENES

enterotoxin in food posi.)

BETROV, S. G.

"Contribution to the chromosome map of Gallus domesticus. II. Linkage relation of the Genes Sune and Todi." Department of Genetics and Selection (Chief: S. G. Betrov), Scientific Research Institute of Poultry Breeding HK3 RSFSR, Saratovsk, near Moscow. (p. 885) by Afonin, A. B.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 5

ACCESSION NR: AP4041974

Z/0055/64/014/007/0485/0500

AUTHOR: Betrzilka, V. A.; Teichmann, J.

TITLE: One possibility of HF sealing of magnetic trap with cusped field

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 14, no. 7, 1964, 485-500

TOPIC TAGS: magnetic trap, magnetic trap sealing, plasma field interaction, plasma field equilibrium, plasma field interface stability

ABSTRACT: The behavior of plasma in a region of cusped fields where the magnetostatic field near the plane of symmetry can be regarded as homogeneous has been investigated. A case was taken wherein the motion of the plasma along the lines of magnetostatic field force is limited by the effect of the high-frequency field of a simple mode. The investigation of the dynamics of electron and ion gas in a one-particle linear approximation shows that in the neighborhood of the plasma-vacuum interface, the plasma particles oscillate with a limited amplitude only at some values of plasma parameters and external fields.

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ACCESSION NR: AP4041974

When the gradients of the HF field are large, these regions of stationary plasma oscillations are relatively narrow and the interaction between the HF field and the plasma results in a nonstationary acceleration of plasma. The investigation of the stability of a plasma-vacuum interface for the case of stationary equilibrium between the plasma and the HF field, based on an MHD approximation, shows that the interface is a plane and the lines of force of magnetostatic field are perpendicular to the plasma boundary, the stability conditions in the first approximation agree with those when the magnetostatic field is parallel to the boundary. The dispersion relation, obtained by linearization of MHD equations for a plasma boundary of a form of an infinitely long cylinder has also been investigated. Orig. art. has: 5 figures and 32 formulas.

ASSOCIATION: Institute of Plasma Physics, Czechosl. Acad. Sci., Prague

SUBMITTED: 12Mar63

ATD PRESS: 3067

ENCL: 00

SUB CODE: ME

NO REF SOV: 001

OTHER: 009

Card 2/2

Deis, D.

3

Plasticization of butadiene-styrene rubber. B. Karmin
and B. Dets. *Izvestiya v Oblas Vysokomolekul.*

Sochineni, Doklady 6-oi Konf. Vysokomolekul. Soedineni-
yam. Akad. Nauk S.S.S.R. 1949, 120-37.—The kinetics of
plasticization of butadiene-styrene copolymers was studied
on cold microrolls. At 20-30° there is, with prolonged
treatment, a steady rise of plasticity, indicating a unidirec-
tional destructive process. Treatment of the copolymer in a
closed vessel at 140°, both with and without accelerators,
showed that, at high temp., the process is 2-fold: destruc-
tive action and structure-formation. The result is de-
scribed by: $P = P_0(1 + \alpha m)(1 - \beta n)$, where P is plasticity,
 P_0 original plasticity, m is the measure of the incidence of
destructive factors, and n is that of structure-forming factors
(i.e., chain reformation). The products made on cold rolls
are less readily reformatable than those prep'd. at high temp.
The former have greater tensile strength and greater max.
elongation than the latter. This indicates chain branching
in the high-temp. treatment. G. M. Kosolapoff

POLUKHIN, P.I.; KUDRYAVTSEV, A.S.; BETS, N.G.

Elastic deformation of rolls on sheet mills. Izv. vys. ucheb.
zav.; chern. met. 6 no.9:110-113 '63. (MIRA 16:11)

1. Moskovskiy institut stali i splavov.

POLUKHIN, P.I.; KUDRYAVTSEV, A.S.; BETS, N.G.; FARLADANSKIY, A.M.

Effect of chamfers on the elastic deformation of rolls of a
thin sheet mill. Izv. vys. ucheb. zav.; Chern. met. 7 no.9:
118-121 '64. (MIRA 17:6)

1. Moskovskiy institut stali i splavov.

L 63977-65 EMP(k)/EJA(c)/ET(d)/ET(m)/EMP(h)/EMP(h)/EJA(d)/EP(1)/EP(v)/EP(t)

ACCESSION NR: AP5013324

JD/HW

UR/0148/65/000/005/0085/0089

621.771.23

AUTHOR: Polukhin, P. I.; Kudryavtsev, A. S.; Bets, N. G.

TITLE: The effect of roll parameters and strip width on the rigidity of the roll system in plate mills. Report 2

SOURCE: IVUZ. Chernaya metallurgiya, no. 5, 1965, 85-89

TOPIC TAGS: rolling mill, sheet metal, elastic deformation

ABSTRACT: Variations in cross sectional thickness and profile of a strip during rolling on a four-high mill with cylindrical rolls is determined by the shape of the working rolls. The profile of these rolls is made up of the camber in the axis of the backing-up roll, the nonuniformity in convergence between the axes of the working and backing-up rolls, and nonuniformity in flattening of the upper half of the working roll along the roll body. It was found that the form of the stress-strain diagram for the roll convergence depends on both the width of the strip and the roll parameters (see figs. 1-4 of the Enclosure). The greatest flattening is observed toward the middle of the roll body, diminishing toward the edges. The mag-

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ACCESSION NR: AP5013324

nitute of deformations in the axis of the working roll (variations in strip thickness) is determined by the camber of the backing-up roll and by the nonuniformity in flattening, which depend on both strip and roll parameters. The effect which combined elastic deformation in the roll system of a four-high mill has on the variations in cross sectional strip thickness can be reduced only when both the factors pertaining to roll parameters (ratio of working to backing-up roll diameters, and ratio of width to diameter of the backing-up roll) and the strip width (B/L) are taken into account. The results obtained by the authors from modeling of the elastic interaction for the rolls of various stands may be used for analysis of the effect which the length of the body and the diameters of working and backing-up rolls have on the form and magnitude of combined elastic deformations in the roll system, and for selecting optimum roll parameters in mills which are being planned and redesigned. These results also give a qualitative and quantitative evaluation of the effect which elastic deformations in the rolls in various stands in the majority of Soviet and foreign plate mills have on the variations in strip thickness and profile when strips of various widths are rolled. Orig. art. has: 7 figures.

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L 63977-65

ACCESSION NR: AP5013324

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow Institute of Steel and Alloys) 3

SUBMITTED: 26Dec64

ENCL: 04

SUB CODE: MM, IE

NO REF SOV: 003

OTHER: 000

Card 3/7

L 63977-65

ACCESSION NR: AP5013324

ENCLOSURE: 01

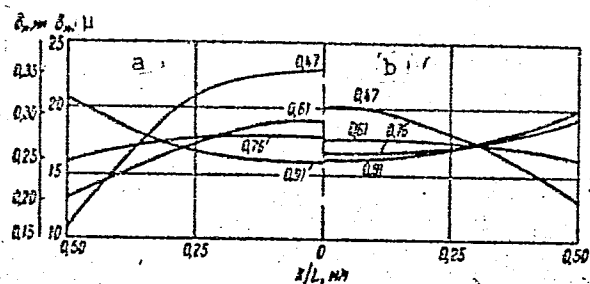


Fig. 1. Stress-strain diagrams for convergence of axes in models of the backing-up and working rolls of a system with $L/D_{b.u.} = 1.41$ and for rolls of the various stands on a 1700 mill: a-- $L/D_{b.u.} = 1.419$; $D_{wor.}/D_{b.u.} = 0.50$; b-- $L/D_{b.u.} = 1.41$; $D_{wor.}/D_{b.u.} = 0.61$. Figures near the curves refer to the B/L ratio.

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L 63977-65

ACCESSION NR: AP5013324

ENCLOSURE: 02

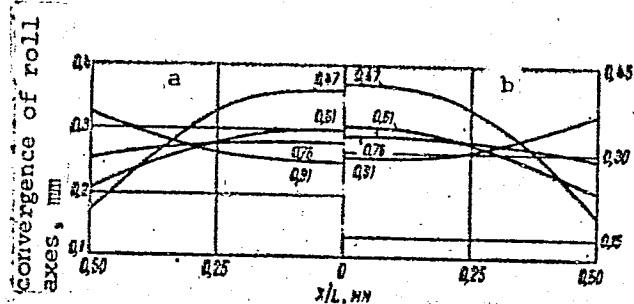


Fig. 2. Stress-strain diagrams for convergence of axes of the working and backing-up rolls in 1680 (a) and 1450 (b) mills. Figures near the curves refer to the B/L ratio.

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ACCESSION NR: AP5013324

ENCLOSURE: 03

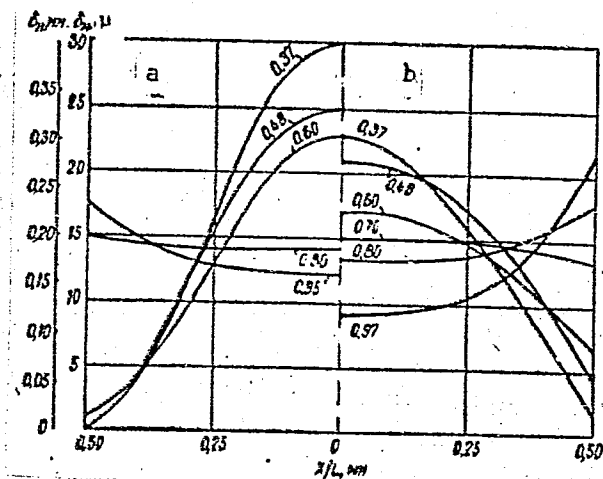


Fig. 3. Stress-strain diagrams for convergence of axes in models of the working and backing-up rolls in a system with $L/D_{b.u.} = 1.79$ and rolls in the stands of a 2500 cold rolling mill and in the finish stands of a 2500 hot rolling mill: a-- $L/D_{b.u.} = 1.79$; $D_{wor.}/D_{b.u.} = 0.36$; b-- $L/D_{b.u.} = 1.79$; $D_{wor.}/D_{b.u.} = 0.50$. Figures near the curves refer to the B/L ratio.

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ACCESSION NR: AP5013324

ENCLOSURE: 04

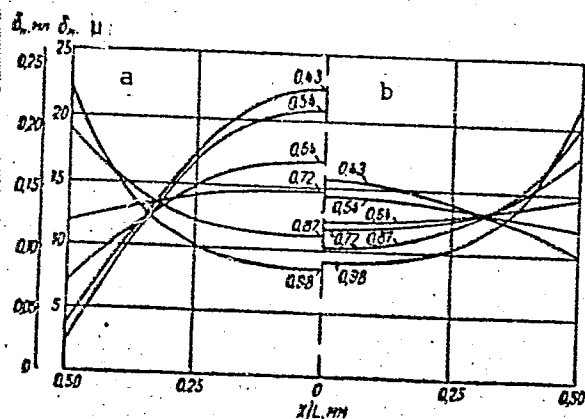


Fig. 4. Stress-strain diagrams for convergence of axes in models of the backing-up and working rolls in a system with $L/D_{b.u.} = 2.00$ and the rolls of various stands in the 2800 mill: a-- $L/D_{b.u.} = 2.0$; $D_{wor.}/D_{b.u.} = 0.30$; b-- $L/D_{b.u.} = 2.0$; $D_{wor.}/D_{b.u.} = 0.64$. Figures near the curves refer to the B/L ratio.

rolling

Card *KC* 7/7

BETS, V. A.

Anatomicheskie i Gistologicheskie Issledovaniia (Izbrannye Trudy)
(Study of Anatomy and Histology (Works of Author), 299 p., Moscow and Medgiz, 1950.

BETS, V. A.

"Two centers in the cortical stratum of the human brain", Izbr. trudv (Selected Works), p 223, 1950.

POPA, Hazil', inzh.; LAZER, Yakob, inzh.; KIRILE, Aurel, inzh.; BETSAGA,
Nikolay, inzh.; GOKAN, Gavriil, inzh.

Concrete heating devices with asbestos-cement pipe. Vod. 1
san. tekhn. no.7:29-31 J1 '62. (MIRA 15:9)
(Rumania--Radiant heating)
(Rumania--Pipe, Asbestos-cement)

USSR/Human and Animal Physiology. Internal Secretions.

T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36662.

Author : Baksheev, N.S , ~~Betsanich, Y.I.~~

Inst : Yzhgorodsk University.

Title : The Effect of Prolan, Progesterone and Folliculin on
the Function of the Thyroid Gland.

Orig Pub: Dokl. i soobshch. Yzhgordsk. un-ta, Sep. med., 1957,
No 1, 6-8.

Abstract: Rabbits were injected with progesterone (5 mg),
gonadotropic hormone (10 ml of urine of pregnant
women in the first half of pregnancy) or synestrol
(10000 units), and the following day the absorption
of I^{131} by the thyroid gland (TG) was determined
following injection of 5 microcuries. The absorp-
tion of I^{131} by the TG was increased after 3 hours

Card : 1/2

PETRUS, V.S.; KASATKINA, A.P. [Kasatkina, O.P.]; BETSANICH, Yu.I.
[Betsanych, IU.I.]

Assimilation of radioactive elements by bacteria. Report No.1:
Penetration of radioactive elements through the bacterial membrane.
Mikrobiol. zhur. 23 no.2:63-67 '61. (MIRA 14:7)

1. Uzhgorodskiy gosudarstvennyy universitet, Kafedra mikrobiologii.
(RADIOISOTOPES) (BACTERIA)

NETSINSKI, P.; DEMITROV, D.

On the study of underground water in Bulgaria. p. 66
Khidrologiia i meteorologiia No. 2, 1958, Sofia, Bulgaria

Monthly Index of East European Accessions (EEA1) LC, Vol. 7, No. 10,
Oct. 58

BETSINSKI, P.

"Filtration of the water under the wall of the G. Dimitrov Dam."

KHIDROLOGIIA I METEOROLOGIIA., Sofia, Bulgaria., No. 1, 1959

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), IC, Vol. 8, No. 7, July 1959, Unclass

BETSINSKI, P.

On the question of determining the coefficient of water output
of the water-bearing layers. Khidro i meteorolog no.6:3-13 '60.
(EEAI 10:6)

(Water)

BETSINSKI, P.A.

Wells with horizontal drain pipes according to the Ranei system.
Khidro i meteorolog no.4:17-28 '60. (EEAI 10:2)
(Wells)

BETSINSKI, Petko A., k. t. n. inzh.

Methods of controlling seepage walls in one-pile planking
dams. Khidrotekh i melior 6 no.10:305-307 '61.

BETSINSKI, Petko Ang.

Filtration rate of the curtain of the G. Dimitrov Dam. Khidro
i meteorolog no. 4:18-24 '62.

BETSINSKI, Petko, inzh.

Filtration estimate for the screen of the G. Dimitrov Dam. Khidrotekh
i melior 7 no.7:205-207 '62.

~~BETSINSKI~~, Petko, k.t.n. inzh.

Underground waters in the irrigation and drainage system of Sofia region.
Khidrotekh i melior 7 no.8:227-229 '62.

BETSINSKI, P.

Filtration of water at the Studena Dam. Khidro i
meteorolog no.6:29-42 '62.

BETSINSKI, P. Ang.

Underground waters in the region of irrigation systems,
and their state and conditions. Khidro i meteorolog 5
13-18 '63.

BETSINSKI, P.A.

Influence of irrigation on the state of underground water in the area
of the Sofia irrigation system. Trud Inst khidro meteoz 14:183-250
'63.

BEISINSKI, Petko, k. t. n. inzh.

Determining the cutoff-wall depth in single-sheet pile dams.
Khidrotekh i melior 9 no. 4:102-104 '64.

БЕТСКИНАШВИЛИ, З.С.

BETSKINASHVILI, Z.S., kand.tekhn.nauk.

~~Estimating the condition of road surfaces in order to establish~~
the type of repair necessary. Avt.dor. 20 no.6:16-17 Je '57.

(MIRA 10:10)

(Roads--Maintenance and repair) (Pavements)

BETSKIY, L.I., inzh.; SHUTOV, S.A., inzh.

Outline of ship repair and operational bases and a basic index
of their work. Rech.transp. 18 no.5:37-38 My '59.
(MIRA 12:9)

(Ships--Maintenance and repair)