BOROS, Mihaly, dr.; GAL, Gyorgy, dr.; KAISER, Gabriella, dr.; FAZEKAS, Sandor, dr.; NEMETH, Andras, dr.

Some blood coagulation problems in the treatment with "artificial kidney". Orv. hetil. 105 no.13: 595-598 29 Mr '64.

1. Szegedi Orvostudomanyi Egyetem, I.Sebeszeti Klinika.

TANCS, B.; PETRI, G. prof.; CZIPOTT, Z.; ABRANDY, E.; BORCS, M.; Techn. assistance: SZABO I.; VOROS, J.

Haemodynamic and metabolic response of dogs to the simultaneous occlusion of the carotid and vertebral arteries. Acta chir. acad. sci. Hung. 6 no.2:187-199 '65.

1. First Department of Surgery (Director: Prof. G. Petri), University Medical School, Szeged.

KAHAN, Agost, dr.; KAHANNE, IASZLO, Ilona, dr.; BOROS, Marta, dr.; CSAPO, Gabor, dr.

On the etiology of thrombosis of the fundus oculi. Orv. hetil. 106 no.19:871-876 9 My '65

1. Szegedi Orvostudomanyi Egyetem, Szemklinika es I. Belklinika.

L 13505-66

ACC NR: AP6007041 SOURCE CODE: HU/0018/65/017/003/0263/0266

AUTHOR: Boros, Mihaly--Borosh, M.; Barankay, Andras--Barankai, A.; Simon, Laszlo--Shimon, L. 15 B

ORG: Medical University of Szeged, I. Surgical Clinic (Szegedi Orvostudomanyi Egyetem, I. sz. Sebeszeti Klinika)

TITLE: Comparative study of the fibrinolysis activated by urokinase and streptokinase in man and in the dog

SOURCE: Kiserletes orvostudomany, v. 17, no. 3, 1965, 263-266

TOPIC TAGS: man, dog, animal physiology, hematology, blood, enzyme

ABSTRACT: The fibrinolytic system of man and of the dog have been compared, in vitro, by means of thrombelastograms (TEG). 1) The fibrinolysis activated by urokinase is similar in the two species. 2) The fibrinolytic system of the dog plasma could not be activated with streptokinase. On the basis of the characteristically "narrowed" TEG noted in the majority of the dogs, it is assumed that the failure of activation is due to a rapid inhibition of the streptokinase- activated fibrinolysis rather than to a lack of the proactivator. Orig. art. has: 4 figures and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Jul64 / OTH REF: 010

Card 1/1 HW

BOROS, Margit

Derivatographic studies on the capability of clay minerals to rehydration. Epitoanyag 16 no. 2:54-62 F '64.

1. Epitoanyagipari Kozponti Kutato Intezet, Budapest.

LAUB, Margit W., dr.; BOROS, Maria, dr.; TOROK, Lajos

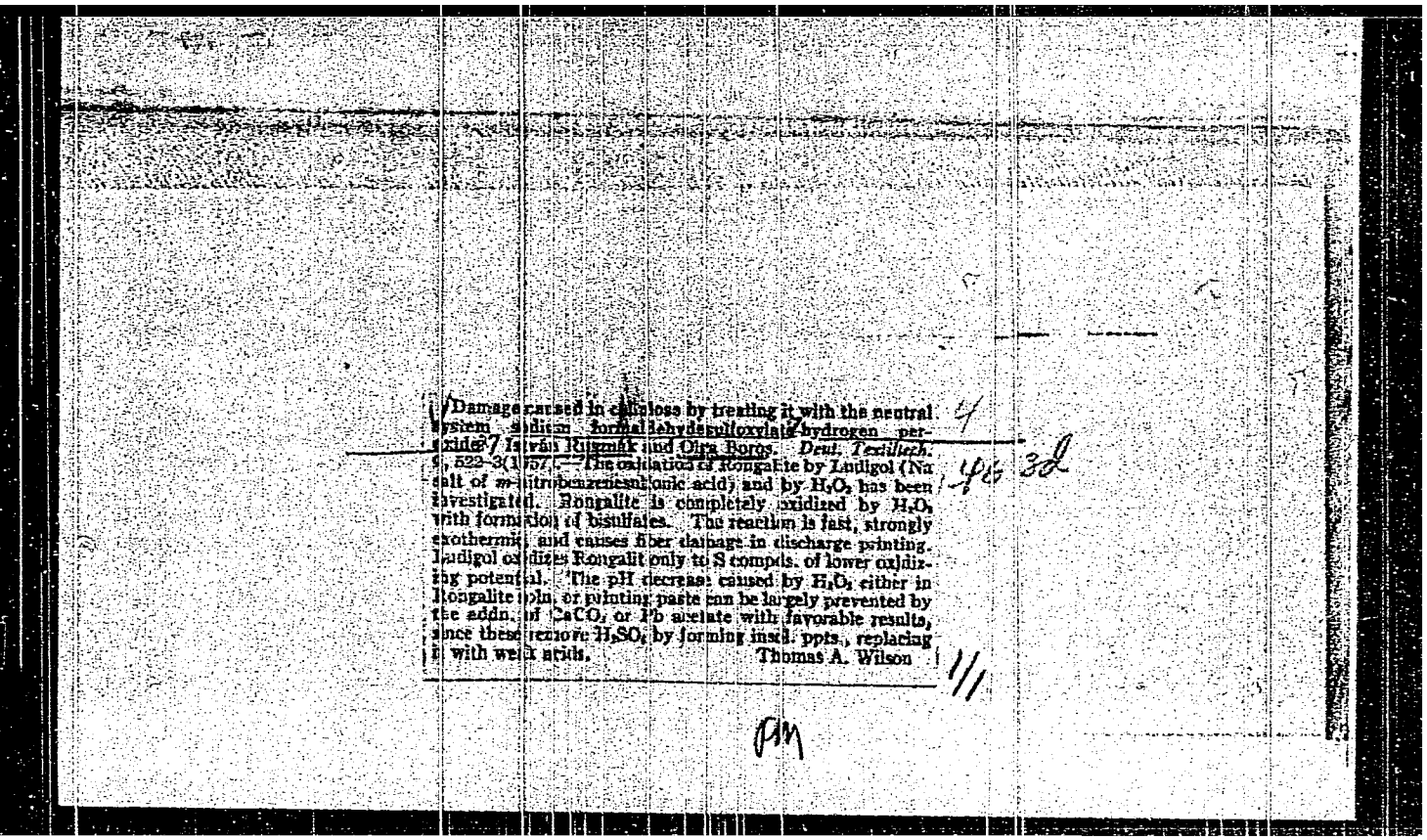
Our experiences in blood sugar determination with O-toluidine. Orv. hetil. 106 no. 49:2331-2333 15 D '65.

1. Heves megyei Tanacs Korhaza, Laboratorium, Eger (foorvos: Ringelhann, Bela, dr.)

BOROS, Mihaly, dr.

Local fibrinolysis caused by stasis. Orv. hetil. 106 no.39: 1840-1841 26 S '65.

1. Szegedi Orvostudomanyi Egyetem, I. Sebeszeti Klinika es Mutettani Intezet (igazgato: Petri, Gabor, dr.).



Damage caused in cellulose by treating it with the neutral system sodium formaldehydesulfoxylate-hydrogen peroxide. István Rusznák and Olga Borgs. *Deut. Textiltech.* 9, 522–3(1957).—The oxidation of Rongalite by Ludigol (Na salt of *m*-nitrobenzenesulfonic acid) and by H_2O_2 has been investigated. Rongalite is completely oxidized by H_2O_2 with formation of bisulfates. The reaction is fast, strongly exothermic, and causes fiber damage in discharge printing. Ludigol oxidizes Rongalit only to S compds. of lower oxidizing potential. The pH decrease caused by H_2O_2 either in Rongalite soln. or printing paste can be largely prevented by the addn. of $CaCO_3$ or Pb acetate with favorable results, since these remove H_2SO_4 by forming insol. ppts., replacing it with weak acids. Thomas A. Wilson

EOKOS, P.

"Remarks on the article "Automatic, Load-Dependent Star-Delta Switchgear"; also, a commentary by L. Kocsis, F. Lomb, and P. Lomb." Elektrotechnika, Budapest, Vol. 47, No. 5, May 1954, p. 153.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

BOROS, P.

Prevention of electric shock is a broad field for innovations. p. 5.
UJITOK LAPJA, Budapest, Vol. 7, no. 21 June 1955.

SO: Monthly List of East European Accessions, (LEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

BOROS, F.

Choosing voltage for electromotors. p.250. MAGYAR ENERGIAGAZDASAG. Budapest. Vol. 9, no. 7, July 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress Vol. 5, No. 12, December 1956

BOROS, P.

TECHNOLOGY

VILLAMOSSAG. (Magyar Elecktrotechnikai Egyesulet) Budapest.

BOROS, P. Remark on Gyorgy Turan's article "MOdern Idle-Current Economy in Power-Distribution Networks and Factories." p. 222.

Vol. 6, no. 7, July 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3
March 1959, Unclass.

BOROS, P.

More important innovations of the National Electric-Power Supervision. p. 7. (UJITOK LAPJA. Vol. 9, no. 16, Sept, 1957, Budapest, Hungary)

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

BOROS, Pal, okleveles gepesz- es elektromernok

Remark about Endre Kuczogi's article entitled "Contact protection measurement of industrial plants." "Villamossag" 8 no.10:301 O '60.

BOROS, Pal, okl.gepesz- es elektromernok

Checking protective devices against electric schocks. Villamossag 9 no.5:119-126 My '61.

BOROS, Pal, okl.gepesz- es elektromernok

Remark on Dezso Csapkay's article "Selection, operation and maintenance of magnetic switches and contactors with special considera ion for Hungarian oil-filled switches."
Villamossag 9 no.11:344-345 N '61.

BOROS, Pal, okl. gepesz- es elektromernok.

Remark on Endre Kuczogi's article "Measuring methods of cyclical impedance." Villamossag 9 no.12:377 D '61.

BOROS, Pal, okl.gepesz- es elektromernok

Are the prescriptions of the Hungarian standard No.MSz 2100 concerning operating voltages justified? Villamossag 10 no.3: 89 Mr '62.

BOROS, Pal, okleveles gepesz- es elektromernok

Application of new methods for contact protection and control devices. Villamossag 10 no.5:151 My '62.

BOROS, Pal, okleveles gepesz- es elektromernok

Remark about the contact electricity aspects of Sandor Holbok's article "Some questions relating to the power supply of roentgen installations." Villamossag 10 no.6:185 Je '62.

BOROS, Pal, oklevelos ~~gepesz- es~~ elektromernok

Remark about Frigyes Lomb's article entitled "Selection and start of high-power electric motors." Villamossag 11 no.8:244-246 Ag '63.

BOROS, Pal, okleveles gepesz-es elektromernok

Notes on automation. Villamossag 11 no.5:143-144 My '63.

BOROS, Pal, oklevelos gepesz - es elektromernok

Is it necessary to apply twin cables? Villamossag 11 no.12: 373-375 D'63.

BOROS, Pal, okleveles gepesz- es elektromernok

Remark about Frigyes Lomb's article entitled "Contact protection in electrical household appliances." Villamossag 10 no.12: 367-371 D '62.

BOROS, Pal, oklevelez gepesz- es elektromernok

Some antecedents of the MSZ 172-62 Protection Regulations.
Villamossag 12 no.6:164-169 Je '64.

BOROS, Sandor, dr.; MAGY, Laszlo, dr.

The effect of overstress on the crown and root of the tooth.
Fogorv. szemle 47 no.5:134-138 May 54.
(TEETH
eff. of mechanical strain on crown & root)
(PERIODONTIUM, physiol.
eff. of mechanical strain on root & radical periodontium)

VANDOR, F.; BOROS, S.

Radionecrosis of mandible. Acta med. hung. 10 no.1-2:147-170 1956.

1. Rontgenklinik und stomatologische Klinik der medizinischen Universitat, Budapest.
(MANDIBLE, dis.
radionecrosis, etiol., pathogen. & prev. (Ger))
(RADIATION, inj. eff.
necrosis of mandible, etiol., pathogen. & prev. (Ger))

BOROS, T.; RUSZNAK, L.

Investigations of cellulose diacetatemonophthalate. I. Investigation of the molecular weight distribution in celluloseacetatephthalate. p.72

MAGYAR KEMIAI FOLYOIRAT. Budapest, Hungary. Vol. 65, no. 2, Feb. 1959

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

MAKARESZ, Denes, dr.; BOROS, Tibor, dr.; JUTASI, Irma, dr.

Frequency of peritenonitis in the industrial establishments of Pecs. Munkavedelem 10 no.7/9:30-32 '64.

1. Division of Surgery of the Pecs City Medical Clinic.

HUNGARY

BENKO, Gyorgy, M.D., BIBOR, Zoltan, M.D., BURGER, Tibor, M.D., FABIAN, Imre, M.D., BOROS, Tibor, M.D., CZURKO, Geza, M.D., TOTH, Imre, M.D., PINTER, Andras, Senior Medical Student, and SARDI, Ferenc, Senior Medical Student, of the Complex Brigade at the Medical Univerisity (Orvostudomanyi Egyetem Komplexbrigadja) in Pecs. (Director: BENKO, Gyorgy, M.D.).

"Clinical Findings of the Screening Tests on the Workers in the Production Collectives in Jaras Sellye - Internal Medicine and Surgical"

Budapest, Orvosi Hetilap, Vol 104, No 19, 12 May 1963, pp. 868-872.

Abstract: The incidence and distribution of various internal and surgical diseases was described. Goiters, ulcers, hernia, hypertonia, sclerosis of the arteries, pulmonar emphysema, and motor disturbances were discussed in more detail. Seven references, including 3 Hungarian and 4 Western.

1/1

BOROS, Tiborne, dr.

Cosmetics: science of beauty treatment. Elet tud 16 no.24:743-746 11 Je '61.

*

RUSZNAK, Istvan; BOROS, Tiborne

Cellulose diacetate monophthalate investigations. Pt.1. Magy kem folyoir 65 no.2:72-78 F '59.

1. Budapesti Muszaki Egyetem Gyakorlati Kemiai Tanszeke.

BARDOS, L.; BORCS, Z.

Experiences with the Daniels method of biopsy of the so-called scalene lymph nodes. Bratisl. lek. listy 43 Pt. 2 no.8:453-459 '63.

1. Chirurgicka klinika Lek. fak. Univerzity P.J. Safarika v Kosiciach, veduci prof. MUDr. J. Knazovicky Plucna klinika Lek. fak. Univ. P.J. Safarika v Kosiciach, veduci MUDr. L. Sobel.

(LUNG NEOPLASMS) (SARCOIDOSIS)
(TUBERCULOSIS, PULMONARY) (LYMPHADENITIS)
(SILICOTUBERCULOSIS) (BIOPSY)
(LYMPH NODES) (BRONCHOSCOPY)
(LUNG DISEASES) (CARCINOMA, BRONCHOGENIC)

L 1197-66 EPF(c)/EPF(n)-2/EWP(j)/T/EWA(h)/EWA(l) GG/RM
ACCESSION NR: AP5025815 HU/0005/65/071/006/0254/0257

AUTHOR: Hardy, Gyula; Boros-Gyevi, Janosne

TITLE: Studies in the field of solid-state radiation polymerization. Part 8: γ-Radiation-initiated radiation polymerization of vinyl chloride-acetate in liquid, solid, and supercooled state

SOURCE: Magyar kemiai folyoirat, v. 71, no. 6, 1965, 254-257

TOPIC TAGS: radiation polymerization, solid state, gamma radiation, polymerization kinetics, vinyl chloride, polyvinyl chloride, polyvinyl acetate

ABSTRACT: The kinetic behavior of the γ-radiation initiated polymerization of vinyl chloride-acetate was studied in the liquid, solid, and supercooled state. The kinetics of the polymerization were of an accelerating character in all states, while in the liquid and supercooled-liquid states the process was inhibited by inhibitors for radical-type polymerization. Vinyl chloride-acetate has a greater tendency for polymerization in the solid state than has vinyl acetate. Orig. art. has: 9 graphs, 1 table.

Card 1/2

L 1197-66

ACCESSION NR: AP5025815

3

ASSOCIATION: Muanyagipari Kutato Intezet, Budapest (Research Institute for the Plastics Industry) 44 55

SUBMITTED: 01Dec64 ENCL: 00 SUB CODE: GC, SS

NR REF SOV: 000 OTHER: 006 JPRS

Card 2/2

BOROSHNEV, P.A.

Two books on the establishment of technical norms in the lumber industry ("The establishment of technical norms in logging and ratting" by A.Zhukov; "The establishment of technical norms in sawing and woodworking" by Kh.Fabritskii. Revieved by P. Boroshnev). Sots.trud.no.11:120-127 N '56. (MLRA 10:1)

(Lumbering--Production standards)

(Zhukov, A.) (Fabritskii, Kh.)

BOROSHNEV, P.A., red.; IPPOLITOV, K.A., red.; MAKAROVA, L.V., red. izd-va; KORNYUSHINA, A.S., tekhn.red.

[Manual of classification and qualifications for operations and occupations in logging, log-rafting, and tree tapping] Tarifno-kvalifikatsionnyi spravochnik rabot i professii rabochikh na lesozagotovkakh, lesosplave i podsochke lesa. Moskva, Goslesbumizdat, 1960. 145 p. (MIRA 13:4)
(Lumbering) (Tree tapping)

BOROSHNEV, P.

Reference manual on labor laws and legislation ("Guide on the application of basic regulations of labor legislation in the lumber industry" by N.Spizharnyi, V.Kamyshev, I.Firov. Reviewed by P.Boroshnev). Sots.trud 5 no.1:151-154 Ja '60. (MIRA 13:6)
(Lumbering) (Labor laws and legislation)
(Spizharnyi, N.) (Kamyshev, V.) (Firov, I.)

BOROSHNEV, P.A.; IPPOLITOV, K.

New wage schedule in the lumber industry. Sots.trud. 5 no.2: 56-64 F '60. (MIRA 13:6)
(Lumbering) (Wages)

BOROSHNEV, Petr Alekseyevich; IPPOLITOV, Konstantin Andreyevich; NEVOLIN, N.P., red.; PROTANSKAYA, I.V., red. izd-va

[Manual on wages for workers in the lumbering industry] Spravochnik po zarabotnoi plate dlia rabotnikov lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 193 p. (MIRA 15:5)
(Wages--Lumbering)

BOROSHNEV, P.

New book on establishing technical standards ("Establishing technical standards in lumber camps, logging camps, and woodworking production" by L.D. Chulitskii. Reviewed by P. Boroshnev). Sots. trud 6 no.3:154-156 Mr '61. (MIRA 14:3)
(Lumbering--Production standards)
(Woodworking industries--Production standards)
(Chulitskii, L.D.)

BORODSHNEV, Petr Alekseyevich

[Handbook on wages for workers of the forest industry] Spravochnik po zarabotnoi plate dlia rabotnikov lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 353 p. (MIRA 17:3)

BOROSHNEV, P.; NEVOLIN, N.

Wages for the workers of enterprises manufacturing reinforced concrete and concrete products. Sots.trud 7 no.7:68-71 Jl '62. (MIRA 15:8)

(Wages--Concrete plants)

Borodin, L. A.

SEMENYUK, Ivan Markovich, kandidat tekhnicheskikh nauk; BOROSHOK, Lev Abramovich, inzhener; PESTRYAKOV, A.I., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Repair of checkrow planters] Remont kvadratno-gnezdovykh mashin. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 159 p. (MLRA 10:4)
(Planters (Agricultural machinery))

BOROSHOK, L.A.

Determining wheel slide in testing agricultural machinery.
Sel'khozmashina no.12:11-12 D '56. (MLRA 10:2)

(Agricultural machinery--Testing)

BOROSHOK, L.A., naukovii spivrobitnik; ZABIYAKO, A.V. [Zabiiako, A.V.], naukovii spivrobitnik

Transporter for workers while thinning sugar beets. Mekh. sil'. hosp. 9 no.2:31-32 F '58. (MIRA 11:3)

1.Ukrains'kiy naukovo-doslidniy institut mekhanizatsii sil's'kogo gospodarstva.

(Farm equipment) (Sugar beets)

NASTENKO, M.M.; BOROSHOK, L.A.

For wider automatization of agricultural machinery. Mekh. sil'.hosp. 10 no.12:4-6 D '59. (MIRA 13:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Agricultural machinery) (Automatic control)

KAL'BUS, Grigoriy Levrent'yevich, kand.tekhn.nauk; BOROSHOK, Lev Abramovich, inzh.; KATSNEL'SON, S.M., red.; SAVCHENKO, Ye.V., tekhn.red.

[Mounted agricultural machinery] Navesnaia sel'skokhoziaistvennaia tekhnika. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.21). (MIRA 13:10)
(Agricultural machinery)

BOROSHOK, L., starshiy nauchnyy sotrudnik

Our good helper. Znan. ta pratsia no.9:3-4 S '60.
(MIRA 13:9)

1. Otdel avtomatiki Udrainskogo nauchno-issledovatel'skogo mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Tractors--Radio control)

BOROSHOK, L.A., inzh.

Automatic control of tractors in the U.S.A. Mekh. sil'. hosp. 11 no.7:28-29 Jl '60. (MIRA 13:10)
(United States-Tractors)

BOROSHOK, L.A., starshiy nauchnyy sotrudnik

Universal regulator for diesel engines. Mekh. sil'. hosp. 12 no. 6:26-29 Je '61. (MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.
(Diesel engines)

NASTENKO, Nikolay Nikolayevich; BOROSHOK, Lev Abramovich; DVOROVENKO, G.P., kand. tekhn. nauk, retsenzent; GOLOVIN, D.D., retsenzent; PILIPENKO, Yu.P., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Automation of production processes in agriculture] Avtomatizatsiia proizvodstvennykh protsessov v sel'skom khoziaistve. Moskva, Mashgiz, 1963. 194 p. (MIRA 16:7)
(Automation) (Agricultural machinery)

NASTENKO, N.N., doktor tekhn.nauk, prof.; BOROSHOK, L.A., kand.tekhn.nauk

Automatic height control of the position of the working parts of agricultural machines. Trakt. i sel'khozmash. 33 no.8:26-30 Ag '63. (MIRA 16:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva.

NASTENKO, N.N.; KOROSHOK, L.A.; GRUNAYER, A.A.; MORDUKHOVICH, M.M. kand. tekhn. nauk, retsenzent

[Regulators of tractor and combine engines; design, and calculations and testing] Reguliatory traktornykh i kombainovykh dvigatelei; proektirovanie, raschet i ispytanie. Moskva, Mashinostroenie, 1965. 250 p. (MIRA 18:4)

Borosic, Dura

Yugoslavia/Radiophysics - Radiation of Radio Waves. Antennas, I-5

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35286

Author: Borosic, Dura

Institution: None

Title: Asymmetrical T-shaped Antenna

Original Periodical: Radioamater, 1956, 10, No 5, 130-131, 140; Serbian

Abstract: Popular article

Card 1/1

BOROSIC, DURO

Category : YUGOSLAVIA / Radiophysics - Radiation of radio waves. Antennas I-5

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1859

Author : Borosic, Duro
Title : Half-Wave Antenna

Orig Pub : Radioamater, 1956, 10, No 6, 160-161

Abstract : No abstract

Card : 1/1

BOROSIC, D.

A 4-tube superheterodyne receiver for everybody. p. 296
(Radioamater, Vol. 10, no. 11, Nov. 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

POROSIC, D.

Rotary beams. p. 304
(Radioamater, Vol. 10, no. 11, Nov. 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

BOROSNYAY, Pal

Architects' remarks about educational buildings. Epuletgepeszet 8 no.2:46-50 '59.

BOROSOVA, A.

Epidemiology of child poliomyelitis in Slovakia in 1948. Pediat. listy 5 no.6:355-358 Nov-Dec 50. (CIML 20:5)

1. Of the State Health Institute Branch in Bratislava. (Head of the Fourth Department--Pavel Macuch,M.D.).

BOROSOVA, A.

Health education in Slovakia. Zdravot. rev. 25 no.5:109-112 20 May 50. (CLML 19:4)

1. Author's address: Bratislava.

BOROSS, Endre

Social insurance councils at the State Insurance Company. Munka 11 no.7:10 Jl '61.

(Hungary—Insurance, Social)
(Hungary—Trade unions)

BOROSS, Eva; HANDEL, Magda; HERMANN, Gyorgy; WEISZ, Pal

Effect of aneurin on expiremental neurogenic hypertension in rats. Magy. belorv. arch. 8 no.4:97-100 Aug 55.

1. Budapesti Orvostudomanyi Egyetem II. sz. Belklinikajanak (Igazgato: prof. Haynal, Imre) es Korelettani Intezetenek (Igazgato: Prof. Sos, Jozsef) kozlemenye.
(HYPERTENSION, experimental,
eff. of vitamin B1.)
(VITAMIN B1, effects,
on exper. hypertension.)

BRUTYO, Janos; TENYI, Ferenc, technologus; MARTIN, Janos; KIS SZABO, Laszlone; ARADI, Tibor; HOFFMANN, Nandor; KIRALY, Albert; BOROSS, Istvan, mernok

National conference of socialist brigade leaders. Munka 15 no.4: 10-17 Ap '65.

1. Secretary General of the Central Council of Hungarian Trade Unions, Budapest (for Brutyo). 2. Lang Machine Factory, Budapest (for Tenyi). 3. Tatabanya Coal Mining Trust, Tatabanya (for Aradi). 4. Kobanya Drug Factory, Budapest (for Hoffmann). 5. Research Institute of Heavy Chemical Industry (for Kiraly). 6. Csepel Automobile Factory, Budapest (for Boross).

BOROSS, Jeno

Let us continue discussing the Punto Franco. Kozleked kozl 19 no.39:662-664 29 S '63.

BOROSS, L.

FEUER, G.; BOROSS, L.; KREKES, L.

The effect of thyroid hormones on the mechanism of the acetylation reaction. Acta physiol. hung. 13 no.4:291-300 1958.

1. Biochemical Institute of the Hungarian Academy of Sciences, Budapest.
(THYROID GLAND, hormones
eff. on acetylation of p-aminoazobenzene)
(BENZENE, related compounds
p-aminoazobenzene acetylation reaction, eff. of thyroid hormones)

BISZKU, Etelka; BOROSS, L.; SZABOLCSI, Gertrude

Formation of a partially active aldolase by tryptic digestion. Acta physiol. acad. sci. Hung. 25 no.2:161-167 '64.

1. Institute of Biochemistry, Hungarian Academy of Sciences, Budapest.

BOROSS, L.

Physical and technological problems related to the drying of lignites.
p. 560.

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet.)
Budapest, Hungary. Vol. 12, no. 9, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

BOROSS,L.; KELETI,T.; TELEGDI, Marianna

Studies on D-glyceraldehyde-e-phosphate dehydrogenase. XII. Studies of the enzyme with ion exchange chromatography. Acta physiol.hung 17 no.2:153-159 '60.

1. Institute of Biochemistry of the Hungarian Academy of Sciences, Budapest.
(DEHYDROGENASES chem.)

BOROSS, Laszlo (Budapest, XI., Karolina ut 29)

Isolation and identification of the antibacterial substance of Kniphofia uvaria. Acta chimica [redacted] no.2:195-198

1. Institute of Chemistry, Medical University, Pecs, Hungary,

BOROSS, Laszlo; SAJGO, Mihaly; DEVENYI, Tibor

Ion-exchanging chromatography of phosphoglycerolaldehyde-dehydrogenase. Magy kem folyoir 65 no. 6:235-237 Je '59.

1. Magyar Tudomanyos Akademia Biokemiai Kutato Intezete.

L 1984-66

ACCESSION NR: AT5024292 HU/2505/64/025/002/0149/0159

AUTHOR: Szabolcsi, Gertrude; Boross, Laszlo; Biszku, Etelka

TITLE: Secondary reactions following blocking of enzyme SH groups

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 25, no. 2, 1964, 149-159

TOPIC TAGS: enzyme, biochemistry

ABSTRACT: [English article, authors' English summary modified] 1. It has been shown that the increase in digestibility following mercaptidation of the reactive and masked SH groups of aldolase follows an exponential curve with inflection points reflecting different conformational states of the protein. 2. The distribution of the mercury reagent between the SH groups of aldolase of the same average reactivity is statistical. Despite the structural changes induced by the blocking of the SH groups, the statistical distribution remains unchanged during incubation, and mercaptidated aldolase

Card 1/2

L 1984-66

ACCESSION NR: AT5024292

does not undergo "disproportionation" as does mercaptidated GAPD. 3. The fate of the PCMB-treated enzyme molecules is discussed in relation to the differences in structure and motility of the enzymes.

"The authors wish to express their sincere thanks to Prof. F. B. Straub for valuable discussions. Thanks are due to Miss M. Vas and Miss M. Halacsy for helpful technical assistance." Orig. art. has: 2 formulas, 4 graphs.

ASSOCIATION: Institute of Biochemistry, Hungarian Academy of Sciences, Budapest

SUBMITTED: 00 ENCL: 00 SUB CODE: LS

NR REF SOV: 001 OTHER: 025 JPRS

Card 2/2 DP

L 1985-66

ACCESSION NR: AT5024293 HU/2505/64/025/002/0161/0167

AUTHOR: Biszku, Etelka; Boross, Laszlo; Szabolcsi, Gertrude

TITLE: Formation of a partially active aldolase by trypsin digestion

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 25, no. 2, 1964, 161-167

TOPIC TAGS: biochemistry, enzyme, digestion

ABSTRACT: [English article, authors' English summary modified] The digestion of enzymatically fully-active aldolase-$(SH_2)_{10}$ with small amounts of trypsin results in the formation of a product with high molecular weight which retains about 50 per cent of the original enzymatic activity. The digestion product is different from the undigested enzyme insofar as it has a reduced susceptibility to trypsin and an increased levorotation. Since the K_m value of hexose diphosphate remains uncharged, it is supposed that the catalytic site of the enzyme is affected during digestion.

Card 1/2

L 1985-66

ACCESTION NT: AT5024293

0

1

"The authors are indebted to Prof. F. B. Straub for his interest in this study and for valuable discussions. Thanks are due to Dr. P. Elodi for the optical rotation measurements, to Mr. P. Zavodszky for the sedimentation constant determination, and to Miss M. Vas and Mrs. G. Kerese for excellent technical assistance." Orig. art. has: 4 graphs.

ASSOCIATION: Institute of /Biochemistry, Hungarian Academy of Sciences, Budapest

SUBMITTED: 00 ENCL: 00 SUB CODE: LS

NR REF SOV: 000 OTHER: 015 JPRS

Card 2/2

BOROSS, L.; KELETI, T.

Stability of the ternary complex with Ag ion of D-glyceraldehyde-3- phosphate dehydrogenase. Acta physiol. acad. sci. Hung. 27 no.4:397-400 '65.

1. Institute of Biochemistry, Hungarian Academy of Sciences, Budapest.

BOROSS, Sandor (Budapest)

Dwelling houses damaged by soil humidity and possibilities of their protection. Term tud kozl 6 no.6:270-272 Je '62.

1. Musaki revizor.

21205

H/012/60/008/003/001/001
B122/B227

9,5320 (incl 2105)

AUTHORS: Borossay, József, and Szőke, József, Doctor
(see Association)

TITLE: Metal interference filters

PERIODICAL: Mérés és Automatika, v. 8, no. 3, 1960, 83 - 85

TEXT: The author describes metal interference filters, preferred to all other filters because of their higher efficiency and handiness, for the production of monochromatic light from the ultraviolet to the infra region. Transmission metal interference filters are produced by the application of two well reflecting semi-transparent metal coatings - separated by a non-transparent layer of salt (dielectric) - to a transparent sheet, say glass. A proper choice of the reflection factors, of the material and thickness of the dielectric makes it possible for only a very narrow band of the wave range of the light (about 8-12 nm/m^{-9}/) to be transmitted. The characteristic data of the interference fringe transmitted by metal filters are: 1) the wave length of the light (λ_{max}) transmitted with

Metal interference filters ...

maximum intensity; the maximum transmission (T_{max}) of the filter, or the relative intensity of transmission measured at λ_{max}; 3) the half-fringe width (W), which is the yardstick of monochromatism measured at $T_{max}/2$. Less frequently used is the 1/10 fringe width measured at $T_{max}/10$. These parameters are computed from Maxwell's equations. The authors write down the simplified form of maximum transmission resulting from these equations: $T_{max} = T_f^2/(1 + R_f)^2$, where T_f and R_f are the transmission and reflection factors, respectively, of the metal layer. From this follows the expression of half-fringe width: $W = \frac{2\lambda_{max}}{(m\pi - y_f)\arcsin(1-R_f)/2\sqrt{R_f}}$, where y_f is the phase angle and m the order of interference = 1, 2, 3, ... These formulas hold for perpendicular incidence and a parallel light beam only. The field of application of metal interference filters is wide. They are used in various photometric, photochemical, colorimetric, etc.,

Card 2/4

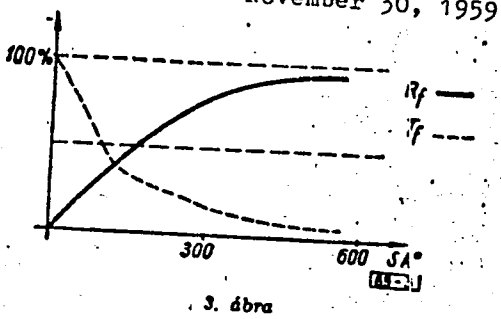
optical instruments and can be produced up to 100-mm diameter in various sizes and forms. Their importance is growing with the development of vacuum engineering, especially vacuum evaporation, applied in their preparation. The authors illustrate the method of calculation by an example (λ_{max} = 550 nm, W = 10 nm). λ_{max} is calculated from the approximative formula: $2d = m\lambda_{max}$, choosing the optical thickness (d) of the dielectric. R_f is calculated from the formula of relative fringe width: W/λ_{max}, and is found to be 96%. Knowing this, the thickness of the silver layer S is calculated from empirical data and is found to be 500 A. The results of calculation are illustrated in Figs. 3 and 4. The Gamma Optical Works have conducted research into the technological problems of the production of homogeneous metal interference filters. They have found that in the visible spectrum range (400-750 nm), filters of 25-35% maximum transmission can be produced on any wave length. There are 4 figures, 1 table, and 7 references: 1 Soviet-bloc.

21205

Metal interference filters ... H/012/60/008/003/001/001
B122/B227

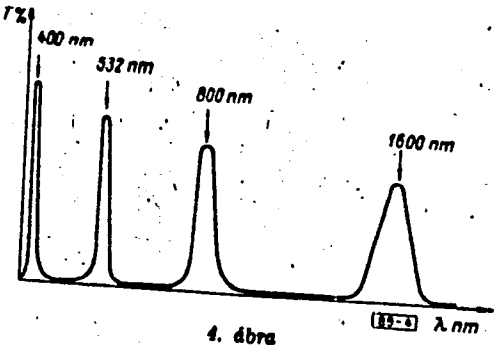
ASSOCIATION: Gamma Optikai Müvek (Gamma Optical Works)(József Borossay); Központi Fizikai Kutató Intézet (Central Research Institute of Physics)(József Szöke).

SUBMITTED: November 30, 1959



3. ábra

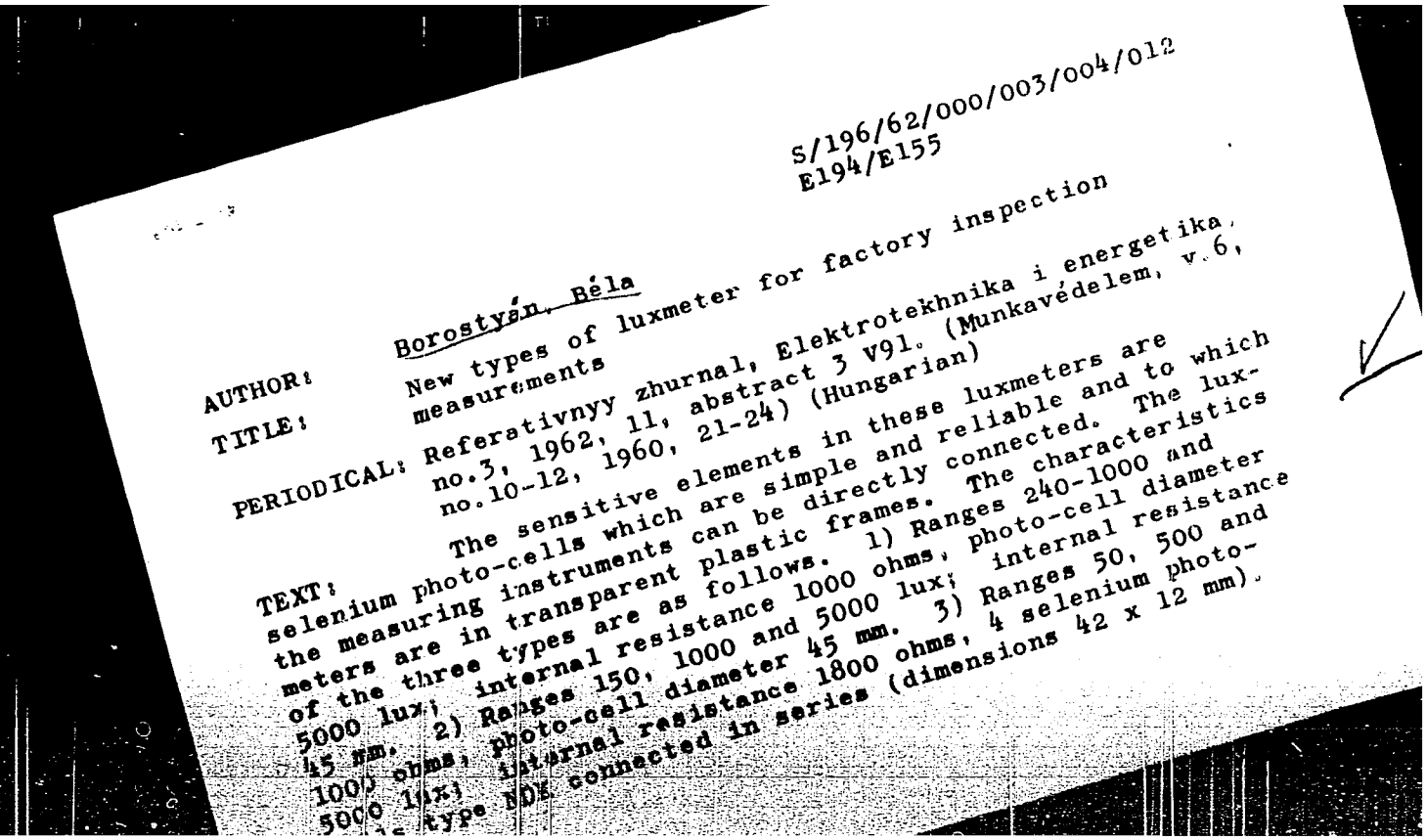
Fig. 3: R_f and T_f versus thickness of metal layer S in angstroms



4. ábra

Fig. 4: T% versus λ [nm]

Card 4/4



S/196/62/000/003/004/012
E194/E155

AUTHOR: Borostyán, Béla

TITLE: New types of luxmeter for factory inspection measurements

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.3, 1962, 11, abstract 3 V91. (Munkavédelem, v.6, no.10-12, 1960, 21-24) (Hungarian)

TEXT: The sensitive elements in these luxmeters are selenium photo-cells which are simple and reliable and to which the measuring instruments can be directly connected. The luxmeters are in transparent plastic frames. The characteristics of the three types are as follows. 1) Ranges 240-1000 and 5000 lux; internal resistance 1000 ohms, photo-cell diameter 45 mm. 2) Ranges 150, 1000 and 5000 lux; internal resistance 1000 ohms, photo-cell diameter 45 mm. 3) Ranges 50, 500 and 5000 lux; internal resistance 1800 ohms, 4 selenium photo-type NDK connected in series (dimensions 42 x 12 mm).

New types of luxmeter for factory... S/196/62/000/003/004/012
E194/E155

A disadvantage of the luxmeters is the necessity to protect them carefully against the vapours of organic solvents; another is that they cannot operate with a relative humidity greater than 98% or in an ambient temperature above 80 °C.

[Abstractor's note: Complete translation.]

Card 2/2

S/194/62/000/004/013/105
D222/D309

AUTHOR: Borostyán, Béla

TITLE: A new type of shake-proof voltage relay

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-2-9i (Munkavédelem, 1961, 7, no. 1-3, 26-29)

TEXT: Existing voltage protecting relays, used mainly in workshops for touch protection, have a large operating current (about 50 mA) and are sensitive to vibration forces of about 2.5 g. The Work Protection Research Institute (Hungary) designed a new relay in which the energizing coil is located on the central column of an E-shaped iron core, and the air gap of the armature is 0.6 - 0.7 mm. The relay operates at 20 - 26 mA; the corresponding power is 0.5 - 0.55 VA. A spring device produces a contact pressure of 1 - 2 kg. The relay, which is in mass production at the Ganz Works, can withstand a vibration force of 10 g, and is also tested 10,000 times for a vibration force of up to 25 g without spurious relay operation. The

Card 1/2

A new type of ...

S/194/62/000/004/013/105
D222/D309

relay is hermetically enclosed and has a new type of push-button for switching and testing. The field of application is outlined, in particular for mobile current collectors. The prototype of a 3-phase voltage relay has been made; the operating current is 10 mA at 20 V. The dependence of the operating voltage of a single-phase relay on the earthing resistance is given. 8 figures. [Abstracter's note: Complete translation.]

Card 2/2

BOROSTYANKOI, F.

Method for clear evaluation of ECG findings. Orv. hetil. 94 no.5:132-134 1 Feb 1953. (CLML 24:3)

1. Doctor. 2. Istvan General Hospital (Director - Head Physician -- Dr. Jozsef Lendvai), Budapest.

BOROSTYANKOI, Ferenc, dr.; PILASZANOVICH, Tivadar, dr.

Unusually located multiple foreign bodies. Orv. hetil. 98 no.7-8:195-196 24 Feb 57.

1. A Tanasi Jarasi Tanacs Korhaza Pincehely, (Igazgato-Sebeszorvos: Pilaszanovich, Tivadar, dr.) Belosztalyanak (foorvos: Borostyankoi, Ferenc, dr.) es Sebeszetenek kozlemenye.
(FOREIGN BODIES
knitting needle fragments with unusual locations (Hun))

BOROTA, F.P. (Zaporozh'ye)

Approximate solution of the problem of drawing a plastic material through a conic die. Prykl.mekh. 7 no.3:321-325 '61. (MIRA 14:6)
(Plasticity)

[redacted]

AVERCHENKO, P.A.; BOROTA, F.P.

Electronic photocolorimeter. Zav. lab. 22 no.12:1506-1507 '56. (MLRA 10:2)

(Colorimeta)

BOROTA, F. P.

AVERCHENKO, P.A.; BOROTA, F.P.

Induction high-frequency device for detecting cracks. Zav.lab.23 no.2:243-246 '57. (MLRA 10:3)
(Metallography--Apparatus and supplies)

14(11)

AUTHORS: Averchenko, P. A., Borota, F. P.

SOV/32-25-1-40/51

TITLE: Automatic Machine for Controlling the Hardness of Steel Products (Avtomat dlya kontrolya tverdosti stal'nykh izdeliy)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 1, pp 112-114 (USSR)

ABSTRACT: This machine serves for controlling the hardness of fastening pins and similar articles according to the coercive force. L. G. Doropey, D. T. Yushchenko, Ye. I. Shkolenko and A. S. Kosik took part in the construction of this machine. The test pin is conveyed from a container via a distributing device into a vertical pipe (850 mm long). During this stage the pin is completely magnetized (in a magnet coil), demagnetized (in a demagnetizing coil) and induces an electromotive force in the form of a single sinusoid in the measuring coil. Dependent on the polarity and the magnitude of the amplitude of the sinusoid the pin is conveyed into one of the cells (for hard, soft or normal articles) by means of a special electron scheme. The number of controlled pins is recorded by a counter. This automatic machine can control 7000 short or 3000 long pins per hour. According to the hardness of the pins the test is carried

Card 1/2

Automatic Machine for Controlling the Hardness of Steel Products

out following the method of the "sure" "coercitimetry" (by measuring the coercive force) or "coercimetrically - remanentoscopically" (by measuring the coercive force and the remanent magnetism). A detailed description of the machine and a diagram (Fig 1) as well as its electric scheme (Fig 2) are given. Wire lines PE-0.18mm, PE-0.06 mm, a milliamperemeter M-24, an amplifier 6N9, a thyratron TG-205, an electromagnetic relay U1719399, F6690031 and a lamp 5Ts S are mentioned in the description. There are 2 figures.

1.1350

S/198/61/007/003/010/013
D264/D303

AUTHOR: Borota, F.P. (Zaporizhzhya)

TITLE: An approximate solution to the problem of drawing plastic material through a conic die

PERIODICAL: Prykladna mekhanika, v. 7, no. 3, 1961, 321 - 325

TEXT: The author remarks that the solution of the axisymmetric case of the problem has been carried out by V.V. Sokolovskiy (Ref. 2: Teoriya plastichnosti (The Theory of Plasticity) GITTL, 1950). This article gives an approximate solution based on the differential inequalities of S.A.Chaplygin (Ref. 1: Novyy metod priblizhennogo integrirovaniya differentsial'nykh uravneniy (A New Method of Approximate Integration of Differential Equations) GITTL, 1950). The axisymmetric equilibrium of plastic material being drawn through a conical die of vertical angle 2γ is considered. A spherical polar coordinate system with origin at the axis of the cone is adopted, $\theta = 0$ being the axis of symmetry. It follows at once that the tangential stresses $\tau_{\varphi\rho} = \tau_{\theta\varphi} = 0$ and that the components of stress σ_ρ,

Card 1/4

An approximate solution to ...

σ_θ, σ_φ, $\tau_{\rho\theta}$, are functions of ρ and ϑ. [Abstractor's note: Symbols not explained]. The differential equations of equilibrium give rise to a system of three equations in three unknowns

$$\frac{\partial\sigma_\rho}{\partial\varrho}+\frac{1}{\varrho}\frac{\partial\tau_{\rho\theta}}{\partial\vartheta}+\frac{1}{\varrho}[2(\sigma_\rho-\sigma_\theta)+\tau_{\rho\theta}\operatorname{ctg}\theta]=0;$$
$$\frac{\partial\tau_{\rho\theta}}{\partial\varrho}+\frac{1}{\varrho}\frac{\partial\sigma_\theta}{\partial\vartheta}+\frac{3\tau_{\rho\theta}}{\varrho}=0; \qquad (5)$$
$$\frac{1}{3}(\sigma_\rho-\sigma_\theta)^2+\tau_{\rho\theta}^2=1.$$

$\tau_{\rho\theta} = \tau$, it follows easily that

$$\frac{d\tau}{d\theta}+\tau\operatorname{ctg}\theta+2\sqrt{3}\sqrt{1-\tau^2}=C, \qquad (7)$$

where C is an arbitrary constant, and the boundary conditions are

Card 2/4

An approximate solution to ...

$$\tau(0) = 0; \quad \tau(\gamma) = t \quad 0 \leq t \leq 1. \tag{8}$$

Using Chaplygin's method, (7) is written in the form

$$\frac{d\tau}{d\vartheta} = C - \tau \operatorname{ctg}\theta - 2\sqrt{3}\sqrt{1-\tau^2} = f; \tag{9}$$

where f satisfies $f_1 > f > f_2$. Hence

$$\frac{d\tau_1}{d\vartheta} = f_1; \quad \frac{d\tau_2}{d\vartheta} = f_2. \tag{11}$$

Solving these equations, substituting the boundary conditions, and writing $\tau = \frac{\tau_1 + \tau_2}{2}$ results finally in

$$f_1 = C - \tau \operatorname{ctg}\theta - \beta(a\tau + b_1); \; f_2 = C - \tau \operatorname{ctg}\theta - \beta(a\tau + b_2)$$

$$\beta = C_{min} = 2\sqrt{3}.$$

Also, from (5) and (7) differential equation can be obtained for

Card 3/4

An approximate solution to ...

σ_ρ and σ_θ, which solved give

$$\sigma_\rho = - C \ln \rho + \omega(\theta); \qquad \sigma_\theta = - 3 \int \tau d\theta + \alpha(\rho), \qquad (21)$$

where $\alpha(\rho)$ and $\omega(\theta)$ are arbitrary functions. Further substitution gives

$$\frac{1}{3} [- C \ln \rho + 3 \int \tau d\theta + \omega(\theta) - \alpha(\rho)]^2 + \tau^2 = 1 \qquad (22)$$

and hence it follows that

$$\sigma_\rho = \frac{2}{\gamma} \ln \frac{b}{\varrho} + \sqrt{3} \sqrt{1 - \frac{\theta^2}{\gamma^2}}; \qquad \sigma_\theta = \frac{2}{\gamma} \ln \frac{b}{\varrho}; \qquad \tau = \frac{\theta}{\gamma}, \qquad (26)$$

There are 2 figures and 4 Soviet-bloc references.

SUBMITTED: March 6, 1960

Card 4/4

BOROTA, J.

Stand density, or stand density, crown density, and density of undergrowth? p. 32.

LES. Bratislava. Vol. 1, no. 5, May 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

BOROTA, Jan, inz., CSc.

"Dendrometry" by J.Pardé. Reviewed by Jan Borota. Les cas 9 no.7:676 Jl'63.

1. Lesnicka fakulta, Vysoka skola zemedelska, Praha.

BOROTA, Jan, inz., CSc.

Local tariff for spruce. Les cas 9 no. 12: 1158 D '63.

1. Lesnicky ustav, Vysoka skola zemedlska, Praha.

BOROTA, Jan, inz. CSc.

Forests of India. Les cas 10 no. 4:421-429 Ap '64.

1. Institute of Forestry, Higher School of Agriculture, Prague.