

WESOLOWSKI, Stefan (Warszawa, ul. Piekna)

Polish & Czechoslovakian collaboration. Polski tygod. lek. 14 no.10:
453-454 9 Mar 59.

(MEDICINE

in Czech. & Poland (Pol))

MIERNOWSKI, Stanislaw; WESOŁOWSKI, Stefan; ZGLICZYŃSKI, Leszek; BOWKIEWICZ,
Janusz; KRZYSKI, Tadeusz

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

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

(ANGIOGRAPHY);

(VENAE CAVAE radiography)

WESOŁOWSKI, Stefan

Stenosis of the ureteral orifice. Polski przezl.chir. 31
no.11:1219-1226 N '59.

1. Z Oddziału Urologicznego Szpitala Wolskiego i Kliniki Urologicznej
A. M. w Warszawie Kierownik: prof. dr S. Wesolowski.
(URLETTERS 118)

WESOŁOWSKI, Stefan

Remote results of partial nephrectomy in tuberculosis. Gruzlica
27 no.8:943-945 S '59.

1. Z Oddziału Urologicznego Instytutu Gruzlicy. Kierownik: prof.
dr. S. Wesolowski. Dyrektor: prof.dr T. Kielanowski.
(TUBERCULOSIS RENAL surg.)

WESOLOWSKI, Stefan

Use of the ileum in plastic surgery in urology. Rozhl. chir. 38
no.10:657-665 0 '59

1. Urologicke oddeleni Ustavu pro tuberkulozu ve Varsave, prof.
dr. med. J. Misiewicz.
(ILEUM, transpl.)
(URINARY TRACT, surg.)

WESOŁOWSKI, Stefan

Origins of urology in Poland. Polski przegl.chir. 32 no.8/9:
795-800 '60.
(UROLOGY hist)

WESOŁOWSKI, Stefan, prof., dr. med. (Warsaw)

On Polish-Czechoslovak collaboration. Cas.lek.cesk 99 no.50:1570-1571
9 D '60.

(HISTORY OF MEDICINE) (PERIODICALS)

WESOŁOWSKI, Stefan

Restoration of the upper segment of the ureter and its implantation into the kidney pelvis with the aid of the appendix. Polski przegl. chir. 33 no.6:587-594 '61.

1. Z Kliniki Urologicznej AM w Warszawie Kierownik: prof. dr
3. Wesolowski.
(URETERS surg) (APPENDIX transpl)

WESOLOWSKI, Stefan

Use of the appendix in the replacement of the upper segment of the ureter and its implantation into the renal pelvis. Rozhl. chir. 40 no.6:358-362 Ja '61.

1. Urologicka klinika lekarske fakulty ve Varsave, prednosta prof. Stefan Wesolowski.

(URETERS surg) (APPENDIX transpl)

WESOLOWSKI, Stefan

Origins of urology in Poland. Rozhl. chir. 40 no.6:853-857 Je '61.

(UROLOGY hist)

WESOLOWSKI, Stefan

Use of the intestine in plastic operations in urology (ileocystoplasty or sigmocystoplasty?). Pol. tyg. lek. 17 no.17:621-627 23 Ap '62.

1. Z Kliniki Urologicznej AM i z Oddziału Urologicznego Instytutu Gruzlicy w Warszawie; kierownik: prof. dr med. S. Wesolowski.

(BLADDER surg) (SIGMOID transpo) (ILEUM transpl)

GROMADZKI, Wojciech i Stefan WESOLOWSKI.

An abnormally simulating so-called Rokitansky-Kuster syndrome and permanent transposition of the kidney pelvis with congenital absence of the contralateral kidney. Pol. tyg. lek. 18.no.43:1612-1614 21 0'63.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Gdansk; (kierownik: prof. dr.med. Wojciech Gromadzki) i z Kliniki Urologicznej AM w Warszawie (kierownik: prof.dr.med. Stefan Wesolowski).

*

WESOŁOWSKI, S.

Dr. Olgierd Cinieloz (Jan. 10, 1928 - Dec. 29, 1983). Pol.
przepl. chr. 36 no.10ssuppl. 1253-1255 0 164

WESOŁOWSKI, Stefan

Some notes on ureteroileocystoplasty. Ginek. Pol. 36 no.13
49-56 Ja '65

1. Z Kliniki Urologicznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. S. Wesolowski).

WESOŁOWSKI, Tadeusz; TETER, Jerzy; KUZNIK, Zdzisław;
JANCZEWSKI, Zygmunt

3 cases of extreme masculinization of adrenal origin in
women (with complete sex reversal). Endokr. pol. 14 no.4:
301-315 '63.

1. Klinika Urologiczna A.M. w Warszawie Kierownik: prof. dr
T. Wesolowski Oddział Endokrynologii (doc. dr J. Teter) I
Kliniki Położnictwa i Chorób Kobietych A.M. w Warszawie
Kierownik: prof. dr T. Bulski.

(ADRENOGENITAL SYNDROME) (VIRILISM)

WESOŁOWSKI, W; FRELL, S.

Wiepofama special machines at the 28th Poznan International Fair. p. 248.

MECHANIK. Warszawa, Poland. Vol. 32. no. 5, May 1959.

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

WESOŁOWSKI, W.; PRELL, S.

Multispindle machining of casings in the Polish machine-tool industry. P.546.

MECHANIK. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich)
Warszawa, Poland. Vol.32, No.9, Sept. 1959.

Monthly list of East European Accession (EEAI) LC, Vol.9, No.1, Jan.1960.

Uncl.

WESOŁOWSKI, Wiesław

The basis for modernization: mathematics. Przegl techn 85
no.2:9 12 Ja '64.

P/035/60/000/019/002/004
A076/A026

AUTHORS: Jasiński, Zdzisław; Wesołowski, Władysław; Engineers; Nawrocki, Tadeusz, Master of Engineering

TITLE: The Wielkopolska Mechanical Equipment Plant "Wiepofama"

PERIODICAL: Przegląd Mechaniczny, 1960, No. 19 - 20, pp. 589 - 591

TEXT: The authors review the production history of the Wielkopolska Fabryka Urządzeń Mechanicznych "Wiepofama" (Wielkopolska Mechanical Equipment Plant, "Wiepofama") in Poznań, they describe the products before and after WW II. The first two turning lathes produced after WW II were the TP-225 and the TU-210, which were followed by the TR-45 whose documentation was supplied by the Fabryka Urządzeń Mechanicznych Poręba (Mechanical Equipment Plant Poręba). The demand for the TR-45 turning lathe grew in the following years and the production of the TP-225 and the TU-210 was transferred to other plants. During 1950 - 55, the plant was expanded and during 1952 - 54, in spite of small production space, the plant employing 800 workers produced 500 turning machines annually. In 1953, production was started of the copying lathe Type TGA-18 capable of machining shafts 180-mm in diameter and 1,000-mm long. Series production of the above type was done by the Fabryka Urządzeń

Card 1/2

The Wielkopolska Mechanical Equipment Plant "Wiepofama"

P/035/60/000/019/002/004
A076/A026

Mechanicznych (Mechanical Equipment Plant) in Wrocław. For the needs of motor, textile and electrotechnical industries a new type multi-stand turning lathe type TWA-20 was produced in 1953 and was later stopped again as production of universal turning lathes Type TWB-20 and TWB-30 began. Due to the fact that the home demand for high-precision tool lathes increased in 1954, the TUB-32 turning-lathe was designed and produced. Further products of this plant were the TUB 32 high-speed universal turning lathe; the TWA-20 and the TWB-20 turning lathes; the TUK-40 universal lathe; drilling machines Type LP-1, LP-2, LP-3; lathes Type TUB-32; LU-1-7; JBN-3 and LU-1. There are 11 photographs.

ASSOCIATION: Wiepofama (Wiepofama)

Card 2/2

WESOLOWSKI, Z.

Electric Traction

DECEASED
C. '63

1964

WESOLOWSKI, Zbigniew

The isochronical pendulum. Pomiary 7 no.12:491-492 D '61.

(Pendulum)

WESOŁOWSKI, Zbigniew

Stability in some cases of tension in the light of the theory of finite strain. Archiw mechi 14, no.6:875-900 '62.

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

S/124/63/000/002/022/052
D234/D308

AUTHOR: Wesołowski, Z.

TITLE: Some stability problems of tension in the light of
the theory of finite deformationsPERIODICAL: Referativnyy zhurnal, Mekhanika, no. 2, 1963, 4,
abstract 2V23 (Bull. Acad. polon. sci. Ser. sci.
v. 10, no. 3, 1962, 155-160 (Eng.: summary in Rus.))TEXT: The author considers the problem of stability of a
strip subjected to tensile stress after finite deformation. It is
found that the critical elongation λ_1 is between the critical elon-
gation of an infinitely long strip λ_∞ and the critical elongation
of an infinitely short strip λ_0 ; also that $\lambda_\infty \leq \lambda_1 \leq \lambda_0$. It is
established that for an infinitely long strip λ_∞ corresponds to
the maximum of nominal stress.

[Abstracter's note: Complete translation]

Card 1/1

WESOLOWSKI, Z.

The axial-symmetric problem of instability in the case of tension of the elastic rod. *Bul Ac Pol tech* 11 no.2:81-86 '63.

1. Laboratory of the Finite Strain Theory, Institute of Fundamental Technical Problems, Polish Academy of Sciences, Warsaw. Presented by W. Nowacki.

WESOLOWSKI, Zbigniew

Experimental stability tests of thick-walled spheres under external hydrostatic pressure. Rozpr inz PAN 11 no. 4: 667-676 '63.

1. Zakład Mechaniki Osrodkow Ciaglych, Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa.

WESOLOWSKI, Zbigniew

The axially symmetric problem of stability loss of an elastic bar subject to tension. Archiw mech 15 no.3:383-395 '63

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

WESOLOWSKI, Zbigniew

An inverse method in stresses for solving problems of large elastic strain. *Archiw mech* 15 no.6:857-869 '63

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.

WESOŁOWSKI, Zbigniew

Equations for elastic materials with thermogeometric constraints.
Mechan teor stosow 2 no. 1:25-38 '64.

1. Department of Mechanical Continuous Media, Institute of
Basic Technical Problems, Polish Academy of Sciences, Warsaw.

WESOŁOWSKI, Z.

Joint invariants of two asymmetric matrices of the second and third order. *Bul Ac Pol tech* 12 no. 2:109-115 '64

1. Department of Mechanics of Continuous Media, Institute of Fundamental Technical Problems, Polish Academy of Sciences, Warsaw. Presented by W. Olszak.

WESOŁOWSKI, Z.

The stability of an elastic orthotropic parallelepiped subject to finite elongation. Bul Ac Pol tech 12 no. 3:181-186 '64.

1. Department of Mechanics of Continuous Media, Institute of Basic Technical Problems, Polish Academy of Sciences, Warsaw.
Presented by W. Olszak.

WESOŁOWSKI, Zbigniew, dr.

Plans problem of the loss of stability under tension. Aplikacje mat
to no.1:1-14 '65.

1. Institute of Basic Technical Problems of the Polish Academy
of Sciences, Warsaw, Swietokrzyska 21, Submitted January 17, 1963.

ACC NR: AT7005406

SOURCE CODE: PO/2547/66/008/004/0335/0345

AUTHOR: Wesolowski, Z. -- Vcsolovski, Z. (Warsaw)

ORG: Institute of Basic Problems of Technology, PAN, Warsaw (Instytut Podstawowych Problemow Techniki PAN); The John Hopkins University, Baltimore, Md., U.S.A.

TITLE: Deformation of surface and linear elements in mechanics of continuous media

SOURCE: Polska Akademia Nauk. Instytut Matematyczny. Zastosowania matematyki, v. 8, no. 4, 1966, 335-345

TOPIC TAGS: mechanics, continuous medium, deformation, material deformation

ABSTRACT: The deformation of the surface and linear elements of a continuous medium is decomposed into a rotation and a deformation with a mean rotation equal zero. After constructing equations for finite deformation, an analysis of some special cases of element position is given. For small deformations, the complete solution is given. It is shown that (a) the rotation vector of the surface element with

Card 1/2

ACC NR: AT7005406

respect to the volume element is either equal to zero or lies in the plane of the surface element, and (b) the rotations of the surface, linear, and volume elements are equal if, and only if, the normal vector to the surface element and the tangent vector to the linear element are the eigenvectors of the matrix of small deformation of the volume element. Orig. art. has: 65 formulas. [Author's abstract] [DR]

SUB CODE: 12, 20/SUBM DATE: 18Mar65/ORIG REF: 001/OTH REF: 001/

Card 2/2

KOBA, Stanislaw; MESOLOMSKI, Zenon

A case of agranulocytosis after pyrazidone. Wiad. lek. 18
no. 21:51-59--15. 1. 65.

1. 2 Oddzialu Zakaznego Szpitala Wojakowego w Kielcach
(Ordynator: dr. med. S. Koba).

KOMOROWSKA, A.; KROLIKOWSKA, M.; WESSE-PALINSKA, Z.; ARMATYS, J.

Dyserginoma ovarii (gonocytoma). Ginek. pol. 33 no.6:773-781 '62.

1. Z I Kliniki Chorob Kobięcych i Poloznictwa AM w Lodzi. Kierownik:
prof. dr J. Sieroszewski i z Kliniki Chirurgii Dziecięcej AM w Lodzi.
Kierownik: prof. dr A. Maciejewski.

(DISGERMINOMA) (OVARIAN NEOPLASMS)

BEGHCINSKA, Bozena; WESSE-PALINSKA, Zofia; TORZECKI, Zenon

Pulmonary mycosis in newborn infants. Pat. pol. 14 no.3:
409-415 '63.

1. Z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik:
prof. dr med. A. Pruszczyński Z I Kliniki Chorob Kobięcych i
Poloźnictwa AM w Lodzi Kierownik: prof. dr med. J. Sieroszewski.
(INFANT, NEWBORN, DISEASES)
(LUNG DISEASE, FUNGAL)
(AUTOPSY)

BARNA, K.; HRADSKY, E.; WESSELA, I.

Acetylation ability of the human body during the course of normal labor. Cesk. gyn. 23 no.3:157-160 Ap '63.

1. Ustav pre lek. chemiu Lek. fak. UPJS v Kosiciach, ved. doc. K. Barna.

(LABOR) (PLACENTA) (UMBILICAL CORD)
(AMNIOTIC FLUID) (URINE) (METABOLISM)

WESSELY, E.

Chemical-physical test, evaluation, manufacturing technology and the use of
trass, a hydraulic complementary binding material. (To be contd.) p. 397.

EPITOANYAG. (Epitoanyagipari Tudományos Egyesület), Budapest, Hungary, Vol. 11,
no. 11, Nov. 1959.

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

Uncl.

Antibiotics

CZECHOSLOVAKIA

UDC 615.779.93-033

BARNA, K.; BARNOVA, E.; BELOVA, V.; ~~WESSELA, E.~~ Chair of Medical Chemistry, Medical Faculty, P.J. Safarik University (Katedra Lokarskej Chemie Lekarskej Fakulty Univerzity P.J. Safarika), Kosice, Head (Veduci) Docent Dr K. BARNA

"Distribution of Antibiotics in Blood. V. Tetracyclines and Erythrocytes."

Prague, Casopis Lekaru Ceskych, Vol 105, No 27-28, 4 Jul 66, pp 726-731

Abstract [Authors' English summary modified]: The bond of tetracycline to intact bovine erythrocytes and to isolated erythrocytes fractions -- hemoglobin and stroma- in vitro was investigated. Erythrocytes have greater affinity for oxytetracycline, followed by tetracycline, and finally chlortetracycline. The bond is established immediately and alters during incubation period. Part of the chlortetracycline and tetracycline is irreversibly bound to red blood cells; oxytetracycline is bound by a labile bond. Chlortetracycline and tetracycline have a great affinity for stroma, oxytetracycline has a greater affinity for hemoglobin than for the stroma. 5 Fig., 4 Tab., 12 West., 5 East., 1 Jap. ref. (Ms. rec. Nov. 65).

1/1

CSANADI, Gyorgy, dr., egyetemi tanar; FASKERTI, Sandor; SZABO, Dezso, dr.,
 a kozlekedestudomanyok kandidatusa, okl.mernok; CSUHAY, Denes;
 TAKACS, Endre; CSABAI, Rudolf; NAGY, Rudolf; KUTAS, Laszlo, mernok;
 VASARHELYI, Boldizsar, dr., a muszaki tudomanyok doktora, tanszek-
 vezető egyetemi tanar; KOLLER, Sandor, megyetemi adjunktus; KALNOKI
 KISS, Sandor; GYOMBER, Sandor; TALLO, Gyula; KOZARY, Istvan; SZILAGYI,
 Lajos; HEGYI, Kalman, okl.mernok; BERCZIK, Andras; MARKI, Laszlo; PALFI,
 BUDINSZKI, Endre; NAGY, Enire, okl.mernok; SZATMARY, Ferenc; MAGORI,
 Judit; CSIKHELYI, Bela; MESZLERI, Zoltan; VEROSZTA, Imre; ZSIGA, Sandor;
 TOROK, Istvan; KONGZ, Laszlo; WESSELY, Ferenc; SZABO, Bela; KOMOROCZI,
 Lajos; GINTL, Jozsef; CSONTOS, Dezso; JAKAB, Sandor; LOVASZ, Istvan,
 mernok; KISS, Karoly; ~~RODASZ, Karoly~~

The City Transportation Conference in Szeged. Kozl tud sz 12 no.2:
 49-54 F '62.

1. Akademiai levelezo tag, a kozlekedes- es postaugyi miniszter
 elso helyettese, es "Kozlekedestudomanyi Szemle" szerkeszto
 bizottsagi tagja (for Csanadi) 2. Kozlekedes- es Postaugyi Miniszterium
 Muszaki Felugyeleti Oszalyanak vezetője (for Faskerti) 3. Fovarosi
 Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti
 Oszalyanak munkatarsa, es "Kozlekedestudomanyi Szemle" szerkeszto
 bizottsagi tagja (for Szabo)

(Continued on next card)

~~BUVATI~~, Gyorgy --- (Continued) Card 2.

4. Fomernok, Kozlekedes- es Postaugyi Miniszterium Kozlekedespoli-
tikai Osztalyanak munkatarsa (for Csuhay) 5. Kozlekedes- es Postaugyi
Miniszterium Autokozlekedesi Vezeregazgatosaganak szakosztalyvezetoje
(for Takacs) 6. MAV fointezo, a Kozlekedestudomanyi Egyesulet miskolci
teruleti szervezetenek titkara (for Csabai) 7. Fomernok, a Fovarosi
Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaga helyettes
vezetoje (for Nagy) 8. Fovarosi Tanacs Vegrehajto Bizottsaga
Kozlekedesi Igazgatosaganak fejlesztési eloadoja (for Kutas)
9. "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for
Vasarhelyi) 10. Csoportvezeto fomernok, Debrecen m.j. Varosi Tanacs
Vegrehajto Bizottsaga Ipari es Kozlekedesi Osztaly (for Kalnoki Kiss)
11. Rendorornagy, Csongrad Megyei Rendorfokapitanysag Kozrendvedelmi
Osztalya (for Gyomber) 12. Fomernok, Miskolc m.j. Varosi Tanacs
Vegrehajto Bizottsaga Epitesi es Kozlekedesi Osztaly (for Tallo)
13. Fomernok, Kozlekedes-es Postaugyi Miniszterium Utosztalya (for
Kozary) 14. Fovarosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi
es Epiteszeti Osztalyanak vezetoje (for Szilagyi) 15. Ut-Vasutervezo ~~Vallalat~~
Kozlekedesi Osztalya vezetoje (for Hegyi) 16. BUVATI Kozlekedesi es
Kozmushozastalyanak vezetoje, Budapest (for Berczik) 17. Pecs m.j.
varos Tanacs BV Epitesi es Kozlekedesi Osztalyanak vezetoje (for
Marki)

(Continued on next card)

CSANADI, Gyorgy ---- (Continued) Card 3.

18. Szeged m. j. Varosi Tanacs Epitesi es Kozlekedesi Osztalyanak
fomernoke (for Palfi Budinszki) 19. Budapest Fovarosi Tanacs Melyepitesi
Tervezo Vallalat iranyito tervezoje (for Endre Nagy) 20. Debreceni
Kozlekedesi Vallalat igazgatoja (for Szatmary) 21. Budapest Fovarosi
Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Magori)
22. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke
(for Csikhelyi) 23. Miskolci Kozlekedesi Vallalat fomernoke (for Meszleri)
24. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Focszalyanak
fomernoke (for Veroszta) 25. Szegedi Kozlekedesi Vallalat fomernoke
(for Zsiga) 26. Miskolci Kozlekedesi Vallalat fokonyveloje (for Torok)
27. Debreceni Kozlekedesi Vallalat fomernoke (for Konez) 28. Penzugy-
miniszterium foeladoja (for Wessely) 29. Pecsai Kozlekedesi Vallalat
igazgatoja (for Szabo) 30. Epitesugyi Miniszterium Varosrendezesi
Focszalyanak mernoke (for Komoroczi) 31. Fovarosi Villamosvasut
Fomernoke (for Gintl)

(Continued on next card)

CSANADI Gyorgy --- (Continued) Card 4.

32. 51-es Autokozlekedesi Vallalat munkatarsa (for Csontos).
33. Ut-Vasutteryezo Vallalat irodavezeto fomernoke (for Jakab).
34. Budapesti Helyierdeku Vasutak osztalyvezetoje (for Lovasz).
35. Magyar Allamvasutak igazgathelyettese (for Kiss, Karoly).
36. Magyar Allamvasutak vezeregazgathelyettese (for Rodonyi).

WESSELY, I.

WESSELY, I. Use of foundry slag, boiler slag, and loose cinders in the building materials industry. p. 222.

Vol. 7, No. 6, June 1955.

EPITCANYAG.

TECHNCLCGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

WESSELY, I.

History of the technological evolution of portland cement manufacture. p. 56.
Vol. 8, No. 2 Feb. 1956. EPITCANYAG, Budapest, Hungary.

SOURCE: East European List, (EEL) Library of Congress Vol. 6, No. 1
January 1956.

WESSELY, Imre, dr.

Chemicophysical investigation, appraisal, production technology
and use of the trass hydraulic supplemental binding material.
Epitoanyag 12 no.1:39-40 Ja '60.

WESSELY, Imre, a kémiai tudományok kandidátusa

Hungarian aspects of the development in the production technology of hydraulic binders. *Műszaki közl. MTA* 33 no.1/4:411-419
'64

EXCERPTA MEDICA Sec 5 Vol 12/7 General Path. July 59

1693. LYMPH CIRCULATION OF DOGS IN EXPERIMENTAL THERMAL, HAEMORRHAGIC AND TOURNIQUET SHOCK - Wessely J. Inst. for Exp. Med. Res., Hungarian Acad. of Scis, Dept. of Pathophysiol., Budapest - ACTA PHYSIOL. ACAD. SCI. HUNG. 1958, 14/4 (327-351) Graphs 15 Tables 5

In haemorrhagic, thermal and tourniquet shock, central lymph flow was found to decrease parallel to the progression of shock. The main reason for this decrease was a diminution of lymph production. The finding that lymph flow decreases in shock supports the view that generalized increase in capillary permeability does not figure in the pathomechanism of shock. Changes in central lymph flow and the pressure in the portal vein were parallel in haemorrhagic shock. The parallelism was abolished by *N*-(2-chloroethyl)dibenzylamine; on its administration portal pressure decreased, while lymph flow increased. This drug enhanced lymph flow both in 'normal' animals and in those subjected to shock. The main reason for this was the elevation in filtration pressure owing to arteriolar dilatation. The presence of a lymphangial spasm in shock was not substantiated. The regional oedema in thermal and tourniquet shock was due to an increase in regional capillary permeability, as well as to a local failure of lymph circulation. (II, 5)

HUNGARY

GOTSZOGH, György, M.D., WESSELY, János, M.D., ARVAY, Attila, M.D., and TELLESVARI, Antal, M.D., of the Fourth Medical Clinic, Institute for Cardiology, at the Medical University (Orvostudományi Egyetem, IV. Belklinika, Kardiologiai Intézet) in Budapest.

"Chamberal Myxoma Showing the Symptoms of Pulmonal Stenosis"

Budapest, Orvosi Hetilap, Vol 104, No 19, 12 May 1963, pp. 888-891.

Abstract: The third case of myxoma in the right-side chamber is reported which involved the removal by surgery of the growth. The case differed from the usual type associated with congenital constriction of the pulmonal orifice in that asystolic unconsciousness, a progressive and non-stoppable cardiac insufficiency, and suspected intraventricular growth was evident. The hemodynamical findings indicated valvular or infundibular stenosis. Favorable treatment was possible only by surgical intervention before irreversible damage occurred in the myocardium. Fourteen references, including 3 German and 11 Western.

1/1

DOMOTOR, Laszlo, dr.; WESSELY, Junos, dr.

Isolated visceral Kaposi's sarcoma. Orv. hetil. 105 no.11:
502-505 15 Mr '64

1. Fovarosi Istvan Korház, Kóronctani Osztály, Budapesti
Orvostudományi Egyetem, IV. Belgyógyászati Klinika és Or-
szágos Kardiológiai Intézet.

*

GOTTSEGEN, Gy.; WESSELY, J.; KAMARAS, J.

Aortic valve insufficiency and patent ductus Botallo. Acta
paediat. 6 no.2:199-203 '65.

1. IV. Medizinische Klinik und I. Kinderklinik der Medizinischen
Universität Budapest. Submitted January 7, 1965.

WESSELY, L.

Chemical-physical test, evaluation, manufacturing technology, and the use of trass, a hydraulic complementary binding material. p. 441.

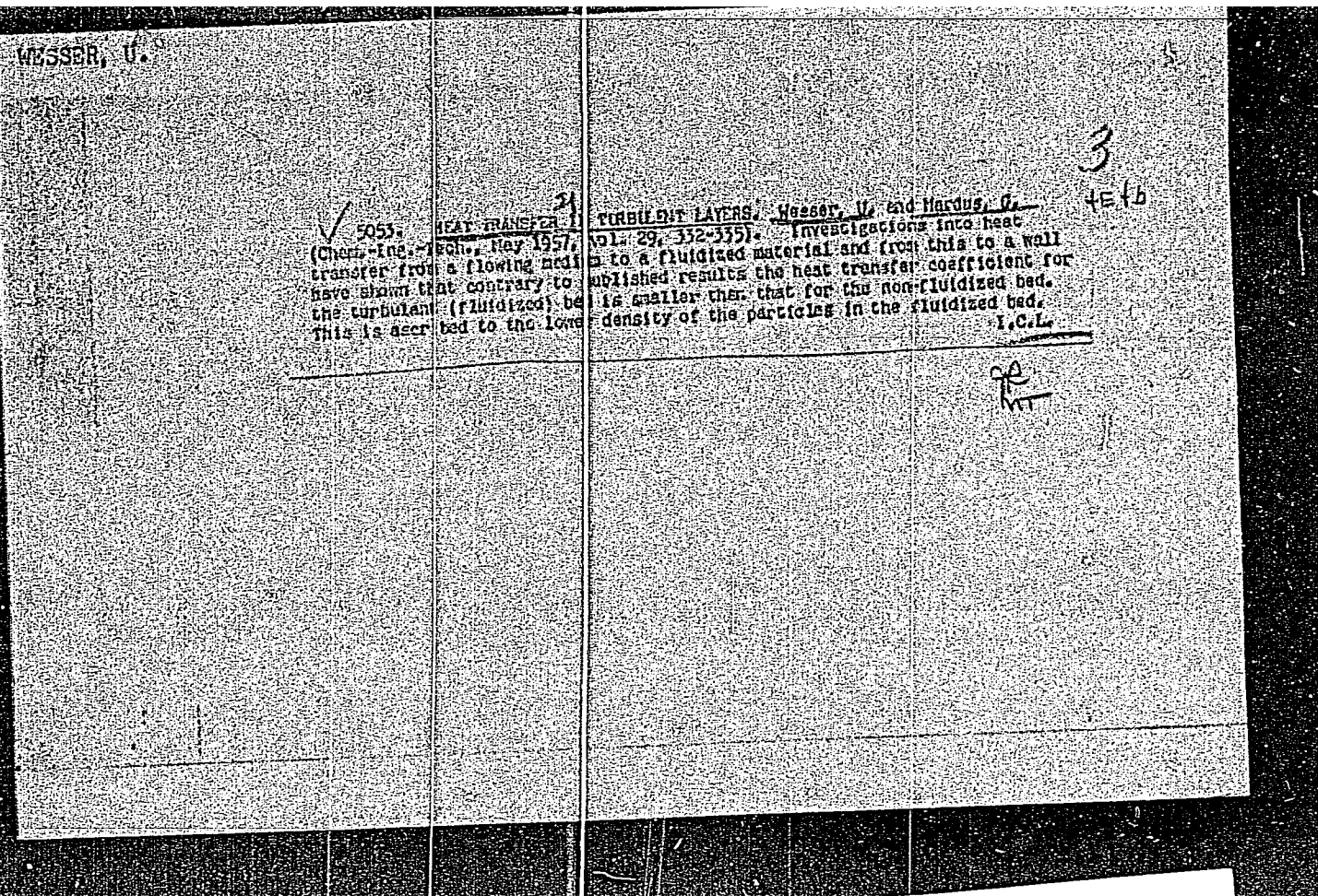
EPITOANYAG. (epitoanyagipari Tudományos Egyesület) Budapest, Hungary.
Vol. 11, no. 12, Dec. 1959.

Monthly list of East European Adhesion (EEA-I) LC Vol. ~~65 XXXX 65 AUG 1960~~
9, no. 2, Feb. 1960
uncl.

WESSELY, V.

Prevention and liquidation of the
formation of hidden reserves. p. 28.
TOBBTERMELES. (Uzemi Tervgazdasagi es
Szervezesi Tudomanyos Egyesulet)
Budapest.
Vol. 10, no. 5, May 1956.

SOURCES: EEAL - LC Oct. 1956. Vol. 5 No. 10



WEST, H.

"Importance of a Dispatching System for the Development of Socialized Establishments in the German Democratic Republic," P. 59. (PRZEGLAD TECHNICZNY, Vol. 75, No. 2, Feb. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

WESTFAL, I.

Metabolism of Mycobacterium tuberculosis cultured on Sauton's and nitrogen carbon synthetic culture media. Med.dow.Mikrob. 2 no.2: 233-234 1950. (GLML 20:6)

1. Summary of the report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdansk, Sept. 1949. (Gdansk-Poznan.)

WESTFAL, I.

Effect of PAS on metabolism in Mycobacterium tuberculosis. Med.
dosw. mikrob., Warsz. 4 no. 3:405-406 1952. (GLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish
Microbiologists held in Krakow May 1951. 2. ~~Posumma~~

~~WESTFAL, I.~~

Effect of thiosemicarbazones on metabolism in Mycobacterium tuberculosis. Gruslica 20 no. 5:639-645 Sept-Oct 1952. (CLML 24:2)

1. Of the Clinic of Tuberculosis (Head--Acting Prof. J. Jurkowski, M.D.), Poznan. Work done for the Institute of Tuberculosis.

EXCERPTA MEDICA Sec.15 Vol.10/3 Chest Disease Mar57

779. WESTFAL I. and GRZANKOWSKA J. *Miedodma w leczeniu zapadowym gruźlicy płuc. Atelectasis in the collapse therapy for pulmonary tb GRUŻLICA 1956, 24/6 (435-453) Graphs 12 Tables 3 Illus. 2 481 tuberculous patients (211 males and 270 females) were treated with artificial pneumothorax from 1946 to 1954. In 216 cases, atelectasis, tending to evolve into cirrhosis, developed during pneumothorax therapy. The following localizations of the infiltrative lesions in the phase of destruction were observed: apical and posterior lung segments: 60% of the cases; posterior segment of the right upper lobe: 20% of the cases; posterior segment of the left lung: 8%. The lesions of other segments were less frequent. The extent of the lesions in 1946-1947 varied from 5 to 10 segments (average \pm 4 segments), while in 1953-1954 it was from 2 to one segment (average \pm 1.5 segment). Parallel to the decrease in the extent of the lesions in pneumothorax patients, the extent of atelectasis as well as its incidence decreased (from 6 segments to 1.5 segment, and from 76% to 19%). The incidence of pleural effusion was also related to the extent of the pulmonary lesions. Antimicrobial drugs administered before and during pneumothorax treatment did not influence the in-

Z Kliniki Gtyzjatrycznej A. M. w Poznaniu Kierownik: doc. dr. J. Jurkowski, Poznan, ul. Przybyszewskiego 49.

779

CONT

idence of either atelectasis and its extent or pleural effusion. This observation was confirmed statistically. Pneumothorax treatment in patients in whom the extent of the lesions did not exceed 2 segments was practically without complications. It is concluded that the lesions exceeding two segments should not be qualified for pneumothorax therapy.

HIEROWSKI, M.; WESTFAL, I.

Amino acids activation in tuberculosis bacilli of various anti-bacillar drugs sensivity. Bull. Soc. amis sc. Poznan [med] Ser. no.12:17-23 '63.

*

HIEROWSKI, Marian; WESTFAL, Irena

Activation of amino acids and the influence of streptomycin on
this process in Mycobacterium tuberculosis H₃₇ Rv. Acta microbiol.
pol. 12 no.2:125-130 '63.

1. From the Department of Physiological Chemistry and the
Phthisiatric Clinic, School of Medicine, Poznań.
(STREPTOMYCIN) (MYCOBACTERIUM TUBERCULOSIS)
(PROTEIN METABOLISM)

WESTFAL, Irena; PAWLOWICZ, Barbara

Social aspects of tuberculosis control among university students in Poznan. Gruzlica 31 no.6:684-686 Je'63.

1. Klinika Ftizjatryczna AM, Poznan.

*

HORNUNG, Stanislaw; POLONCZYK, Mieczyslaw; DELOFF, Leonard; DERUBSKA, Barbara; GARNUSZEWSKI, Zbigniew; JAROSZEWICZ, Wiwa; JAWORSKI, Jan; MYSAKOWSKA, Helena; PARYSKI, Edwin; PECAK, Wladyslaw; PREGOWSKI, Wladyslaw; SOSNOWSKI, Wacław; WESTFAL, Irena; ZIERSKI, Marian

Primary resistance to basic antitubercular drugs in pulmonary tuberculosis patients observed in Poland during the period of 1961-1962. Gruzlica 32 nc.8:629-636 Ag '64.

WESTFRIED, F.

Detrimental effect of limestone scale in steam boilers. p. 135

ENERGETICA, Bucuresti, Vol 4, No. 3, 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

WESTFRIED, F.

TECHNOLOGY

PERIODICAL: STUDII SI CERCETARI DE ENERGETICA. Vol. 8, no. 4, 1958

WESTFRIED, F. Functions of exchange and factors of form in thermal-radiation systems. p. 511.

Monthly List of East European Accessions (ECAI) LC, Vol. 8, No 4
April 1959, Unclass.

WESTFRIED, F.; BICLESANU, D.; CARABOGDAN, I.

Nomograms for the computation of combustion heat in furnaces and boilers. p. 63

REVISTA CAILOR FERATE. (Cailor Ferate Romine) Bucuresti, Rumania; Vol. 7, no. 2,
Feb. 1959

Monthly List of East European Accessions (EEAI) IC Vol. 8, no. 9, Sept. 1959

Uncl.

WESTFRIED, F.; BICLESANU, D.; CARACOGDAN, L.;

Nomograms for the calculation of combustion processes in industrial furnaces. p. 205.

Academia Republicii Populare Romine. Institutul de Energetica.
STUDII SI CERCEIARI DE ENERGETICA. Bucuresti, Rumaiia. Vol. 8,
no. 2, 1958.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7,
July, 1959.

Uncl.

WESTFRIED, F.

SOV/96-59-4-17/21

AUTHOR: ~~Westfrid~~, F., Engineer (Roumania)

TITLE: Radiant Heat Exchange in Cylindrical Casings
(O luchistvom teploobmene v tsilindricheskikh obolochkakh)

PERIODICAL: Teploenergetika, 1959, Nr 4, pp 86-87 (USSR)

ABSTRACT: The equation for the thermal flux between two isothermal radiating surfaces is first given. Analytical solutions of this expression have been published. However, the analytical method can be applied successfully only to calculating the functions and angular coefficients of plane-parallel or perpendicular surfaces. General exchange functions of the system may be derived on the basis of the additive law of uniform flows, other authors prefer graphical methods of integrating equation 1. The object of this article is to give formulae for the heat exchange function and angular coefficients of cylindrical casings that are suitable for practical purposes and which have not been hitherto published. The requisite formulae are then very briefly given, first for a single cylindrical casing and then for a double cylindrical casing. As required by the particular case the formulae

Card 1/2

Rumynskaya Narodnaya Respublika

SOV/96-59-4-17/21

Radiant Heat Exchange in Cylindrical Casings

are cylindrical type integral solutions but they can also be used to solve certain types of elliptic integrals. There are 3 figures and 6 references of which 4 are Soviet, 1 German and 2 Roumanian.

Card 2/2

KRZYSZKOWSKA, Anna; BIALOKOZ, Michal; CYGANZUK, Janusz; DUWINSKA-SLIWINSKA, Bozena; FIRKO-STEPNIEWSKA, Otylia; GURTAT, Bronislaw; KANDZIORA, Stanislaw; KUEIT, Stanislaw; MOKRZYCKI, Mikolaj; POLKOSZEK, Mieczyslaw; ROMANOWSKA, Izabella; WASOWSKA, Janina; WESTRYCH, Feliks; WISNIEWSKI, Henryk.

Tuberculin reaction in recruits. Gruzlica 32 no.2:131-139 F'64

1. Z Zakladu Epidemiologii Instytutu Gruzlicy; Kierownik: doc. dr. med. O. Buraczewski.

*

WESTRYCH F.

Starzyk, J., and Westrych, F., Porownawcze badania nad kilku preparatami jak DDT, Delicia, Lausepuder Pyretrum przy zwalczaniu wszawicy Comparative studies on some disinsectant preparation used for combating lousiness Przegląd Epidemiologiczny, Warsaw 1948, 2/3-4 (219-236) Graphs 4 Tables 11

Investigations were carried out on the efficacy of the following disinsectant preparations used in Poland for combating lousiness in cases of typhus fever: DDT, the German preparation 'Lausepuder', the German preparation 'Delicia', and pyrethrum. Lausepuder destroys lice much quicker than DDT and also destroys nits, in contrast to DDT which affects lice only. Lausepuder also repels lice. The effect of pyrethrum upon lice is somewhat stronger than that of the delicia powder. The delicia powder effect upon lice is considerably weaker than that of the other disinsectants mentioned.

Kozar - Gdansk

SO: Medical Microbiology & Hygiene Section IV Vol. 3, No. 7-12

WESTRYCH F. KILKA uwag na temat organizacji i przebiegu szczepień przeciwgruźliczych BCG w województwie Krakowskim Some remarks on the organization and carrying out of BCG vaccination in the district of cracow Przegląd Lekarski, Cracow 1949, 5/4 (138-143) Graphs 2 Tables 8

Vaccination centres were not more than 5 km. apart, During six months 82,101 children (up to 18 years of age) were vaccinated intracutaneously (0.05 mg. of BCG bacilli in 0.1 ml.). Undesirable incidents due to vaccinations are rare and not very serious. In some children a transitory rise in temperature occurred with increased local reaction and enlarged regional lymph nodes 4-5 weeks after vaccination. According to Scandinavian authors vaccination of individuals with a low and therefore undetected tuberculin sensitivity is not dangerous and is even desirable, leading to higher degrees of allergic resistance. Makower - Wroclaw (XV,4)

SO: Medical Microbiology & Hygiene Section IV, Vol 3, No 7-12

HORNUNG, S.; WESTRYCH, F.

Tuberculosis among school children in 1947-1949 according to data of the Central Regional Tuberculosis Consultation Center in Krakow. Gruzlica, Warszawa 18 no.2:254-262 Apr-June 1950. (CLML 20:7)

1. National Institute of Tuberculosis Branch in Krakow (Director-Docent Stanislaw Hornung, M.D.).

WGRZYNOWSKA, K.; WESTRYCH, P.; ZAIKZWESKI, J.

Results of the treatment of pulmonary tuberculosis with Csala's method.
Przegl. lek., Krakow 9 no. 46-47 1953. (CML 24:5)

1. Of the Surgical Department of the Third Internal Clinic (Head--Prof.
Julian Aleksandrowicz, M.D.) of Krakow Medical Academy.

WESTRYCH, Otto Feliks

Epidemiological analysis of tuberculosis in the Katowice region during 1955-1958. Gruzlica 27 no.11:1113-1126 H '59.

1. Z Wojewodzkiej Przychodni Przeciwgruzliczej w Katowicach.

Dyrektor: dr.med. O. Westrych.

(TUBERCULOSIS epidemiol.)

HORNUNG, Stanislaw; KONONOWICZ, Irena; MROMLINSKA, Maria; WESTRYCH, Otto

Individual factor in the evaluation of radio-photographic pictures
according to the classification NICTAM. Gruzlica 27 no.10: 1035-1044
0 '59.

1. Z Zespolu Naukowo-Badawczego Instytutu Gruslicy w Krakowie. Kis-
rownik: prof.dr. St. Hornung.
(LUNGS radiogr.)

WESTRYCH, Otto Feliks

Radiographic studies in the Katowice Region in 1955-1961.
Gruzlica 31 no.2:145-150 '63.

1. Z Wojewodzkiej Poradni Przewodniczkiej w Katowicach
Dyrektor: dr med. O.F. Wostrych.
(MASS CHEST X-RAY) (STATISTICS)

WESTRYCH, Otto Feliks

Development of epidemiological indices in the Katowice Region
in 1955-61. Gruzlica 31 no.3:227-239 '63.

1. Z Wojewodzkiej Poradni Przeciugruzielczej w Katowicach
Dyrektor: dr med. O.F. Westrych.
(TUBERCULOSIS) (EPIDEMIOLOGY)

WESTSIK, Gyorgy, okleveles közlekedési üzemmérnök, tervező

Making economical cable designs for railroad safety appliances
by means of the graphic and analytic method. Köz. tud. sz. 13
no. 7:327-334 JI '63.

L. MAV Vasútervező Üzemi Vállalat.

WESTSIK, V.

WESTSIK, V. Fertilization of the potato on loose sandy soil. p. 99.

Vol. 8, no. 3, Mar. 1956

AGRARTUDOMANY.

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

HUNGARY/Soil Science. Organic Fertilizers.

J-4

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24788.

Author : Westsik, Vilmos.

Inst :

Title : Sunflower as a Green Manure.

Orig Pub: Agrartudomány, 1956, 8, No 7, 295-298.

Abstract: Application of lupine in the capacity of green manure is limited in Hungary, since it strongly suffers from infection by insect and fungal diseases. In connection with this, sunflower was tested for green manure. In 1951, the weight of the crop of sunflower per various standard quantities of seed per hectare constituted 221; 242 and 211 c/ha. The yield of corn cobs in 1952 correspondingly constituted ~ 22 c/ha., while after

Card : 1/2

HUNGARY/Soil Science. Organic Fertilizers.

J-4

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24788.

lupine .. 30. The lower yield of maize after sun-
flower can be explained by the poverty of the soil.

Card : 2/2

WESTSIK, V.

WESTSIK, V. How deep should we plant corn? p. 3

Vol. 11, no. 8, Apr. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 3, March 1957

WESTSIK, V.

WESTSIK, V. Increasing the rye crop by mineralogical fertilization. p. 4.

Vol. 11, no. 17, Sept. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

WESTSIK, V.

Experiments with the dense planting of corn. p. 10. (Magyar Mezőgazdaság, Vol. 11, no. 7, Apr. 1956 Budapest)

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

WETSIK, V.

Effect of the system of manuring on the produce from crop rotation. p. 4. (Magyar Mezőgazdaság, Vol. 11, no. 4, Feb. 1956 Budapest)

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

WESZPOTÉLMY, B.

Spectroscopic determination of boron in aluminum. B. Weszprény and T. Torok (Csepel Iron and Metal Works, Budapest). *Acta Chim. Acad. Sci. Hung.* 19, 357-81 (1959) (in German).—Traces of B (0.01-0.60%) in Al alloys are detd. spectroscopically by using the method of soln. analysis according to Scheibe-Rivis (C.A. 30, 63027) with spark excitation. The pair of lines B 2497.72/Al 2537.98 is employed; the mean quadratic error is $\pm 3.8\%$. Routine analysis is carried out with these samples, and the samples are employed as secondary standards in the electrode technique at low-voltage excitation, with the pair of lines B 2497.72/Al 2459.82. The mean quadratic error is $\pm 5.7\%$. To eliminate interference from an Fe line overlapping that of B, a selected control line of Fe (2486.35) is used, applying the method of background correction. D. A. Rivis

1676
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8711

PUNGOR, Erno; WESZFREMY, Barna; KOVACSNE PALYI, Marta

Investigations by a Zeiss flame photometer equipped with a fog chamber. Magyar folyoir 66 no.12:518-520 D '60.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es Analitikai Kemiai Intezet, Budapest, es Csepel Vas- es Femuvek Kozponti Anyagvizsgalo Laboratoriuma, Budapest.

HEGEDUS, Zoltan; KOVACS, Gyulane; WESZPREMY, Barna

Effect of heat treatment on the spectrometric and X-ray
fluorescent spectrum analysis of steels. Magyar folyoir
70 no.12:559-561 D '64.

1. Csepel Iron and Steelworks, Budapest.

WESZPREMY, Barna, dr.

Economic significance of spectrum analysis in the steel industry.
Koh lap 96 no.2:74-78 F '63.

1. Csepel Vas- es Fennuvek Kozponti Anyagvizsgalo Osztalya.

WETTSTEIN, F.

HUNGARY / Farm Animals. Domestic Fowls.

U-10

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 72159

Author : Wettstein, F.

Title : The Quantity of Heterozois Chickens in Urban and Suburban Hatcheries.

Orig Pub : Magyar Mezogazd., 1956, 11., No 15-16, 30

Abstract : The use of bird hybridization in Hungary is applied to the cross-breeding of the inbred generations of the same or of different breeds. Highly productive breeds (legorns, Rhode Islands, New Hampshire and others) are used for hybridization. Local Hungarian breeds may be used for inbreeding with the aim of further heterozois. According to the Hungarian investigations the crossing of loca yellow and spotted breeds with selected breeds has been successful. The selection of breeds and its inbreeding and its subsequent hybridization represent a complex selective assignment and its execution

Card : 1/2

- 52 -

HUNGARY / Farm Animals. Domestic Fowls.

U-10

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 72179

Abstract : demands qualified personnel and considerable expense. Such a job is suitable only for larger institutions, and was started last year. Day-old hybrid chicks (female) are sent to the small urban and suburban hatcheries, which deliver their excess produce (eggs, meat) to the city. In such a way, small hatcheries may utilize the advantages of hybridization without partaking in the complicated selective activity.

See: EEAL, Vol. 6, No. 5, May 1957

Card : 2/2

- 53 -

WETTSTEIN, F.

WETTSTEIN, F. Improving our poultry stock. p. 31.

Vol. 11, no. 17, Sept. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

WETTSTEIN, F.

Organizational tasks in developing poultry farming on a large commercial basis. p. 23.
(Magyar Mezőgazdaság, Vol. 11, no. 1, Jan. 1956 Budapest)

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

HUNGARY/ Farm Animals - Domestic Fowls.

Q-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30991
Author : Wettstein Ferenc
Inst : -
Title : The Feeding of Chickens.
(Kormleniya tsylyat).
Orig Pub : Magyar mezogasd., 1957, 12, No 6, 22.
Abstract : No abstract.

Card 1/1

- 55 -

L-25730-65 EWT(1) IJP(c)
ACCESSION NR: AP4045924

G/0016/64/000/004/0259/0268

AUTHOR: Wetzel, Rolf (Doctor) (Berlin-Buch)

10
7
B

TITLE: The generation and determination of magnetic pulse fields

SOURCE: Experimentelle Technik der Physik, no. 4, 1964, 259-268

TOPIC TAGS: magnetic field generation, magnetic pulse field, magnetic field coil

ABSTRACT: The generation of short-duration, strong magnetic fields by means of the discharge of a capacitor battery over a magnetic field coil is discussed. In this case, the strength of the field generated is dependent, to a large degree, on the properties of the magnetic field coil. The equations which illustrate this technique are presented and analyzed, and attention is called to the fact that in the generation of powerful magnetic fields great attention must be given to the mechanical stability of the coil. The author describes equipment which he developed for the generation of short-duration, high-intensity magnetic fields according to the principle described in the opening paragraphs of the article. A five-capacitor battery with a total capacity of 9.8 microfarads is charged over a transformer and rectifier to a maximum value of 10 kilovolts, and discharged over a spark gap and magnetic field coil. Various types of coils were employed having helical windings. The

Card 1/3

L-25730-65

ACCESSION NR: AP4045924

coils described in the article are claimed to have successfully withstood voltages up to 8,000 volts. A table of coil data is included in the article. A formula is given for the field distribution in the direction of the coil axis, and diagrams are presented illustrating the behavior of the field strength in this direction for several of the coils used. The optical unit of the equipment is schematically portrayed. This unit comprises a lamp, cooling bath, interference filter, diaphragms, magnetic field coil with cuvette, polarizer and analyzer. A formula for the measurement of the Verdet constants is given, and it is mentioned that the coil integral value was tested directly by means of the Faraday effect. An HBO 200 mercury lamp was used as a light source. Field distributions in the direction of the coil axis were calculated according to an expression given in the paper for $U = 1,000$ volts. The results of these measurements are presented in diagrammatic form. The author found that the greatest field intensities are reached when the a_2/a_1 ratio is smallest and when the wire gauge is greatest (a_1 is the inner radius and a_2 the outer radius of the coil). Further details are discussed in the article. The mechanical stability of the coils was found to be sufficiently great to permit the generation of fields of 100,000 to 150,000 amperes/cm, corresponding to a pressure of the order of 700 to 1,400 $\text{kp} \cdot \text{cm}^{-2}$. "I wish to extend my gratitude to Prof. Dr. Lange for his valuable encouragement, and also to

Card 2/3

L 25730-65

ACCESSION NR: AP4045924

Messrs H. Torge and H. Baronick for their technical assistance in carrying out the work." Orig. art. has: 4 tables, 20 figures and 10 formulas.

ASSOCIATION: None

SUBMITTED: 18Nov63

NO REF SOV: 000

ENCL: 00

SUB CODE: EM

OTHER: 006