

HUSZAR, G.

Mathematical Reviews  
Vol. 15 No. 1  
Jan. 1954  
Analysis

\*Huszár, Géza. Sur une méthode nouvelle d'interpolation. Comptes Rendus du Premier Congrès des Mathématiciens Hongrois, 27 Août-2 Septembre 1950, pp. 727-730. Akadémiai Kiadó, Budapest, 1952. (Hungarian. Russian and French summaries)

If  $L(y_i)$  is Lagrange's interpolation formula for a function whose values at the points  $x_i$  are  $y_i$ , the author's interpolation formula may be written  $[L(y_i)^{m+n}/L(y_i)^n]^{1/m}$ . The author states that in many cases an adroit choice of the exponents  $m$  and  $n$  results in a tremendous accuracy.

A. Erdélyi (Pasadena, Calif.)

②

HUSZAR, Gyorgy, dr.

On the history of the development of oral surgery in Hungary.

Fogrov. szemle 47 no.5:145-148 May 54.

(SURGERY ORAL, history  
Hungary)

HUSZAR O. dr

SCHRANZ, Denes, dr; HUSZAR, Gyorgy, dr

Diseases of the teeth in a primitive man. Fogorv. szemle 47 no.7:  
218-226 July 54.

1. A Budapesti Stomatologiai Klinika közleménye (Igazgató: Balogh  
Károly dr., egyet tanár)  
(DENTAL CARIES,  
in primitive man)  
(ANTHROPOLOGY,  
dent. caries in primitive man)

HUSZAR, Gyorgy, dr., egyetemi tanarseged.

Denture damages in plants using acids. *Hepregeszseguy* 36 no.3:  
72-73 Mar 55

1. Koslemeny a budapesti Stomatologiai Klinikarol (igazgato:  
Balogh Karoly dr. egyetemi tanar)

(TEETH, diseases

occup. in workers with teeth exposed to acids)

(ACIDS, injurious effects

teeth dis. in workers using teeth in contact with  
filter appar. exposed to acids)

(OCCUPATIONAL DISEASES

teeth in workers using teeth in contact with filter  
appar. exposed to acids)

HUSZAR, GY.

Problems of constructing stables for collective farms. p. 16. (Magyar Mezőgazdaság, Vol. 11, no. 3, Feb. 1956 Budapest)

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

HUSZAR, GY.

A communication by the Ministry of Agriculture on the first bimonthly results of the 2d National Milking Contest. p. 17. (Magyar Mezőgazdaság, Vol. 11, no. 3, Feb. 1956 Budapest)

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

HUSZAR, Gyorgy, dr.

Henrik Salamon; 1865-1944. Fogorv. szemle 58 no.6:161-169  
Ja '65

1. Kozlemeny a Budapesti Orvostudomanyi Egyetem Fogpotlastani  
Klinikajarol (igazgato: Molnar, Laszlo, dr., egyetemi tanar).

CSIZMADIA, Janos, tanarseged; HUSZAR, Istvan, dr., docens; MOLNAR, Laszlo, adjunktus  
NAGY, Sandor, tanarseged

Strength tests on roll stands. Koh lap 97 no.11:497-503 N '64.

1. Chair of Mechanics (Head of Chair: Professor Dr. Istvan Salyi)  
Technical University of Heavy Industry, Miskolc.



HUSZAR, Istvan

Optical stress analysis of the steering arm of motor vehicles.  
Jarmu mezo gep 4 no.2:87-93 Je '57.

HUSZAR, Istvan, dr.; BODOR, Janos, dr.

Electric pressure gauge for a particular task. Meres automat  
11 no.11:343-344 '63.

HORVATH, A.; HADNAGY, Cs.; SZOCS, G.; URSACE, L.; ERDELYI, A.; LUKACSY, I.;  
HUSZAR, I.; ZSIGMONDOVICS, E.

Considerations on the relationships between body weight and  
cardiovascular diseases in diabetics. Studii cercet. endocr.  
16 no.2:181-185 '65.

HUSZAR, I.

Symmetrical strengthening of loaded bars by bending. P. 227  
KOZLEMENYEI Budapest, Vol. 18, no. 1/4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956

ACC NR: AT6025142

SOURCE CODE: HU/2504/65/051/01-/0149/0161

AUTHOR: Huszar, I.--Khusar, I. (Candidate of technical sciences); Bodor, J.--  
Bodor, Ya.

ORG: [Bodor] Ganz Electrical Works, Budapest

TITLE: Calculation of the forces on the commutator riser

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 51, no.1-2,1965,149-161

TOPIC TAGS: electric motor, quality control

ABSTRACT: Methods for calculating the forces on the commutator riser in electrical motors were developed with the aim of establishing procedures for more precise quality control in manufacture. The mechanical load characteristics are governed mainly by design and assembling parameters, by the power effects developing during rotation, and by the effects of warming-up during start-up. The method consists of calculating the forces independently and then superimposing them in an appropriate manner. The approximate results obtained with the aid of this technique may be used for designing purposes. Orig. art. has: 8 figures and 2 formulas. [Orig. art. in Eng.] [JPRS: 33,544]

SUB CODE: 09, B / SUBM DATE: 14May63 / ORIG REF: 003 / SOV REF: 001 / OTH REF: 002

Card 1/1

HUSZAR, Ilona, dr.; GABOR, Istvan, dr.

Crime committed during pondez psychosis. Orv. hetil. 106 no.34:  
1614-1615 22 Ag'65.

1. Budapesti Orvostudományi Egyetem, Pszichiatriai Klinika (igazgató:  
Nyiro, Gyula, dr.) és Igazságügyi Orvostani Intézet (igazgató:  
Okros, Sándor, dr.).

HORVATH, A.; PAPP, C.; OLOSZ, E.; HORGÁ, M.; MAKSAI, I.; HUSZAR, I.

Statistical findings on excess weight. Correlations between  
body weight and frequency of arterial hypertension. Stud.  
cercet. endocr. 16 no.3:285-291 '65.

MUSZAR, Istvan, a muszaki tudományok kandidátusa; BGDOR, Janos

Calculation of the direction of forces of the commutator bars.  
Muszaki kozl MTA 34 no.4:381-396 '65.

1. Ganz Electric Works, Budapest. Submitted May 14, 1963.



HUSZAR, I., Cand. of Techn.Sc.

25 years of photoelasticity in Hungary. Acta techn Hung 31 no.3/4:  
281-284 '60. (EEAI 10:4)

1. Department for Mechanics, Technical University, Miskolc (Hungary)  
(Hungary--Photoelasticity)

HUSZAR, Istvan, a muszaki tudományok kandidátusa; TELEKI, Elemer (Miskolc)

Shape factors of rods weakened by coupled notches. Műszaki közl MTA  
28 no.1/4:3-12 '61. (EAI 10:9)

1. Nehézipari Műszaki Egyetem, Mechanikai Tanszék, Miskolc. (for  
Teleki).

(Rods) (Strains and stresses)

L 47524-66 EWP(j) JW/RM  
ACC NR: AT6034998

SOURCE CODE: HU/2502/56/047/002/0115/0120

AUTHOR: Legrady, Laszlo, and Huszar, Jozsef --Gusar, Y. of Nitrokemia Industrial Works in Fuzfogyartelep

"Oxidation Methods in Organic Analysis. Part I: Determination of Phenylhydrazine in the Presence of Aniline"

31  
371

Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 47, No 2, 1966, pp 115-120.

**Abstract:** [English article] The method is based on the fact that phenylhydrazine is quantitatively oxidized by KBr in HCl solution to a diazonium salt, and that this reaction is not affected by the presence of aniline in the system. The end-point of the reaction is indicated by the discoloration of a starch-iodine solution through the formation of excess potassium bromide. The method described has an accuracy of  $\pm 0.3\%$ . The determination is adversely affected in the presence of hydrazine, hydroxylamine, or other reducing agents. Orig. art. has: 1 figure, 6 formulas and 2 tables.

[JPRS: 36,002]

TOPIC TAGS: phenyl compound, hydrazine derivative, iodine, aniline, quantitative analysis

SUB CODE: 07 / SUBM DATE: 24 Jul 64 / ORIG REF: 001 / OTH REF: 007

Card 1/14

1121 1511

SZEJTLI, Jozef, dr.; HOLLO, Janos, dr.; KOMLOS, Sander; GANTNER,  
Gyulane; HUSZAR, Jozsef; TOTH, Mihalyne

Laundry starching. Pt. 4. Magy textil 16 no. 2:78-80  
F '64.

1. Budapesti Muszaki Egyetem (for Szejtli and Holle).
2. Fovaresi Atyolat Vallalat (for Komlos).

LEGRADI, Laszlo; HUSZAR, Jozsef

Oxidation methods in organic chemistry. Magyar kemia folyoir 70  
no.9:411-413 S '64.

1. Nitrokemia Industrial Plants, Fuzfogyartelep.

HUSZAR, Jozsefne

"Comparing the investments of the Soviet Union and the United States of America" by L. Neszterov [Nesterov, L.] V. Csekmazova [Chekmazova, V.]. Reviewed by Mrs. Jozsef Huszar. Stat szemle 41 no.4:430-431 Ap '63.

TELEGDY, Gy.; MNDROCZI, E.; HUSZAR, L.

Further studies on the corticoid synthesis of the placenta.  
Acta physiol. hung. 17 no.1:57-61 '60.

1. Institute of Physiology, Medical University, Pecs.  
(PLACENTA physiol.)  
(ADRENAL CORTEX HORMONES physiol.)

*Huszar, T.*

RUMANIA

ILEA, T., Professor; BULLA, A., MD; GROSZ, G., Lecturer; COROI, V.,  
MD; ENACHESCU, D., MD; HUSZAR, T., MD.

Bucharest, Igiene, Vol XII, No 1, Jan-Feb 63, pp 1-10.

"Methodological Bases of Public Health."

(6)

~~HUSZCZA, Alfred~~

Exfoliation of the retina operated on by the method of shortening the  
eyeball. Klin. oczna 32 no.2:161-166 '62.

1. Z Kliniki Ocznej AM we Wroclawiu Kierownik: prof. dr med. W. J.  
Kapuscinski.

(RETINAL DETACHMENT surg)



KHRABOVSKI, Z. [Hrabovssky, Z.]; KHUSAR, L. [Huszar, L.]

Gonadal protection in examining thorax. Periodica polytechn electr 5  
no.3:296-305 '61.

TELEGDY, Gy.; HUSZAR, L.

The effect of FSH and HCG on the dog's ovarian progesterone and  $\Delta^4$ -androstene-3-17-dione secretion in vivo. Acta physiol. acad. sci. hung. 21 no.4:339-345 '62.

1. Institute of Physiology, Medical University, Pecs.  
(FSH) (ANDROGENS) (GONADOTROPINS, CHORIONIC)  
(PROGESTERONE) (OVULATION)

TELEGDY, Gy.; HUSZAR, L.; ENDROGZI, E.; LISSAK, K.

The effect of sexual hormones on the function of the pituitary-adrenocortical system in the female rat. Acta physiol. acad. sci. hung. 22 no.2:171-177 '62.

1. Institute of Physiology, Medical University, Pecs.  
(PITUITARY GLAND) (ADRENAL CORTEX)  
(CASTRATION) (ESTRONE) (PROGESTERONE)

JANOSSY, Lajos; HUSZAR, Miklos

Double frequency scattering. Koz fiz kozl MTA 11 no.2:77-87 '63.

1. "A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezetenek Kozlemenyei" felelos kiadoja (for Janossy).

JANOSSY, Lajos; HUSZAR, Miklos

Data on two relativistic experiments. Fiz szemle 14 no.4:  
114-116 Ap '64.

1. Central Research Institute of Physics, Hungarian  
Academy of Sciences, Budapest.

ACQUISITION NO: A10012542

RR/2502/64/04/3/002/01/1/01/02

TITLE: Interactions between production technology and the application of additives in the manufacture of engine lubricating oils

SOURCE: Academiae scientiarum hungaricae. Acta chimica, v. 42, no. 2, 1964, 161-172

TOPIC TAGS: lubricating oil, fuel additive

(Eschelon Petroleum Refinery) *11/26*

HUSZAR, T.

Magyar Textiltechnika - No. 4, Arp. 1955.

Development of the wool industry in the 10 years since the liberation. p. 128.

SO: Monthly list of East European Accessions, (KEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.



PIUKOVICH, Istvan; SZELL, Istvan; FOLDES, Jozsef; JAKOBCVITS, Antal; LUDWIG,  
Andras; HUSZARI, Janos; GABOR, Miklos

Serum proteins, protein-bound carbohydrates and the Middlebrook-  
Dubos reaction in experimental tuberculosis of the uterine horn.  
Tuberkulozis 17 no.4:119-122 Ap '64.

1. A Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati  
Klinikájának (igazgató: Szontagh Ferenc dr. egyetemi tanár és  
Mikrobiológiai Intézetének (igazgató: Ivanovics György dr. egye-  
temi tanár) közleménye.

HUSZCZA A.

HUSZCZA A.

Zjawiska depresyjne w medycynie lotniczej; zestawienie poglądowe. /Decompression in aviation medicine/ Lek. wojsk., Warszawa Vol. 25 Dec 49 p. 111-23.

1. HAI

CIML Vol. 19, No. 2 Aug. 1950

HUSZCZA, Alfred

Investigation on complement titer in focal diseases of the eye before and after typhoid vaccine therapy. Klin.oczna 25 no.2: 113-122 1955.

1. Z Kliniki Ocznej A.M. we Wroclawiu. Kierownik: prof.dr med. W.J. Kapuscinski.

- (EYE, diseases,  
focal infect.,ther.,typhoid vaccine, eff. on  
complement titer)
- (COMPLEMENT,  
titer, in focal infect. of eye, eff. of typhoid  
vaccine ther.)
- (FOCAL INFECTION,  
eye, ther. typhoid vaccine, eff. on complement  
titer.)
- (VACCINES AND VACCINATION,  
typhoid vaccine, ther. of focal infect.of eye eff.  
on complement titer)
- (TYPHOID FEVER, immunology,  
typhoid vaccine, ther. of focal infect. of eye,eff.  
on complement titer)

KAPUSCINSKI, Witold J.; ANDRZEJEWSKI, Feliks; BRODZIAK-KRZESIEKOWA, Kazimiera;  
oraz wspolpr.: DROZDOWSKA, S.; HANCZYC, P.; HUSZCZA, A.; ILCZYZYNSKA, H.;  
CZEREK-JAGUCZANSKA, H.; KRUDYSZ, J.; PACYNSKA, J.; WOZNIAKOWA, I.

Problem of the evolution of some eye diseases in Poland according to  
material of the Wroclaw clinic. Klin.oczna 31 no.4:411-422 '61.

1. Z Kliniki Ocznej AM we Wroclawiu Kierownik: prof. dr med. W. J.  
Kapuscinski Z Katedry Maszyn Elektrycznych Politechniki Wroclawskiej  
Kierownik: prof. dr inz. F. Andrzejewski.

(OPHTHALMOLOGY)

HUSZCZA, Alfred

Studies on the spectrum of proteins isolated from rabbit and human corneas by the agar microelectrophoretic method. Klin. oczna 33 no.3/4:367-372 '63.

1. Z Kliniki Ocznej AM we Wroclawiu Kierownik: prof. dr med. W.J. Kapuscinski.

(EYE PROTEINS) (CORNEA) (ELECTROPHORESIS)

HUSZCZA, Alfred

Experimental transplantation of the human cornea into the rabbit cornea. Klin. oczna 35 no.3:417-421 '65.

1. Z Kliniki Ocznej AM we Wroclawiu (Kierownik: prof. dr. med. W.J. Kapuscinski).

LESIAK, Tadeusz; HUSZCZA, Danuta; SUJKOWSKA, Krystyna

Studies on the utilization of o-nitroethylbenzene. Pt. 1. Reduction of o-nitroethylbenzene i solutions of electrolytes. Przem chem 40 no.9: 506-509 S '61.

1. Katedra Chemii Organicznej, Uniwersytet im. Mikolaja Kopernika, Torun.

HUSZKA, E.

HUSZKA, E. Quantitative determination of Thomson's formula with the cathode  
oscilloscope in high schools. p. 114.

Vol. 5, no. 4, July 1955  
FIZIKAI SZEMLE  
SCIENCE  
HUNGARY

So: East European Accessions, Vol. 5, No. 9, Sept. 1956



VARRO, Vince, dr.; BAJUSZ, Gyula, dr.; HOFFMANN, Janos, dr.; HUSZKA,  
Endre, dr.; JUNG, Ibolya, dr.; KARTAL, Bela, dr.

Gastric cancer --- experiences and thoughts. Orv. hetil. 105  
no.11:481-484 15 Mr'64.

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HUNGARY / Analytical Chemistry. Analysis of Organic Substances. E

Abs Jour: Ref Zhur-Khim, No 12, 1959, 42178.

Author : Beck, M. T.; Czaszar, J.; Huszka, T.  
Inst : Not given.  
Title : Paper Chromatography of Amino Acid-Copper (II) Complexes.

Orig Pub: Acta phys. et chem. Szeged, 1958, 4, No 1-2, 35-37.

Abstract: For separating complex compounds of amino acids (I) and Cu by means of paper chromatography, an aqueous solution of I, with a pH of about 8, is agitated for 15 min. with CuCO<sub>3</sub> with slight heating, filtered, and 0.003 ml. of solution (6 mcg. of I) is transferred to Schleicher and Schuell 2043a paper. The chromatogram is then developed with phenol or with o-cresol, saturated with water at 27°, and treated

Card 1/2

*Univ Szeged, Hung.*

HUNGARY / Analytical Chemistry. Analysis of Organic Substances. E 310

Abs Jour: Ref Zhur-Khim, No 12, 1959, 42178.

Abstract: as follows: a) with ninhydrin (II) after decomposition of the complex with ethylenediaminetetraacetic acid (staining with I); b) with rubeanic acid (III) or with 0.2% solution of 8-oxyquinoline (IV) in C<sub>2</sub>H<sub>5</sub>OH (staining with Cu); or, c) after treatment with solutions of III or IV, the chromatogram is treated with a solution of II. Determined are the values of R<sub>f</sub> for Cu complexes of 13 different I. -- Yu. Lyande.

Card 2/2

HUCZTIK, I.

"Determination of the Minimum Acceleration Time of Rotative Mass Systems",  
P. 492, (KCHASZATI LAPCK, Vol. 9, No. 11, November 1954, Budapest, Hungary)

SC: Monthly List of East European Accessions (EEAI), LC, Vol. 4, No. 3,  
March 1955, Uncl.

HUSZTHY, Laszlo, okleveles gepeszmernok

New Hungarian-manufactured expansion circuit breakers.  
Elektrotechnika 56 no.11/12:544-549 K-D'63.

1. Villamosgép- és Kábelgyár osztályvezetője, Budapest, X.,  
Gyomroi ut 128.

SECRET

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HUSZTHY, Laszlo, dr.

Approximate construction of evolvent curves with a large base  
circle radius. Gep 15 no.8:317-320 Ag '63.

HUSZTHY, Laszlo, dr., adjunktus

Analytical investigation of velocity and acceleration conditions of steering cams. Gep 16 no. 4:135-140 Ap '64.

1. Technical University of the Heavy Industry, Miskolc.

HUSZTHY, P.

HUSZTHY, P. - No. 14, Summer 1954. - Hungarian Heavy Industries

The Hungarian transformer; a review of recent developments. p. 11.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

L 13510-66

ACC NR: AP6007036

SOURCE CODE: HU/0018/65/017/003/0238/0242

AUTHOR: Lazar, Gyorgy--Lazar, D.; Husztk, Erzsobet--Khustik, E. 18 B

ORG: Medical University of Szeged, Institute of Pathophysiology and Anatomy  
(Szegedi Orvostudományi Egyetem, Korelettani és Anatómiai Intézet)

TITLE: Hemorrhagic skin reaction in the rat without endotoxin

SOURCE: Kiserletes orvostudomány, v. 17, no. 3, 1965, 238-242

TOPIC TAGS: rat, pathology, serum, antigen, allergic disease, dermatology

ABSTRACT: In the course of the present experiments, a hemorrhagic skin reaction was developed, with rabbit serum antagonistic to rat kidney, in rats strongly refractory toward the Schwartzman reaction. The reaction obtained was characterized by the mass infiltration of neutrophil granulocytes localized in the subcutis, erythrocyte extravasation, in some places with eosinophilic granulocytes and mononuclear cells.

Orig. art. has: 4 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 29Jun64 / ORIG REF: 002 / OTH REF: 021

Card 1/1 HW

HUSZTY, Denez

Data on the theory of sound radiation. Magy hir techn 11  
no.1:6-9 F'60.

1. Villamossagi-, Televizio- es Radiokeszulekek Gyara,  
Szekesfehervar.

HUSZTY, D.

- "Mass Production of Dynamic Loudspeakers" p. 134
- "Radio Apparatus of Intermediate Courses" p. 136
- "The Simplest Instrument for Measuring Resistance and Capacity" pp. 138
- "Part of the Second Hungarian Radio Amateurs Exhibition" p. 142
- (Radiotekhnika, Vol. 3, No. 6, June, 1953, Budapest)

SO: Monthly List of East European Accessions / Library of Congress, March 1954 / 1953, Uncl.

HUSZTY, B.

HUSZTY, B. Technological problems of authentic sound transmission. (To be contd.) p. 252.

Vol. 4, No. 11, Nov. 1955.

HAFIOTECHNIKA

TECHNOLOGY

Budapest, Hungary

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

HUSZTY, D.

HUSZTY, D. Rigid sound emitter with a circular ring built into a limitless wall.  
p. 309

Vol. 4, no. 4, 1956  
Magyar Fizikai Folyoirat  
SCIENCE  
Budapest, Hungary

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



HUSZTY, I.

HUSZTY, D. Technological problems of authentic sound transmission. p. 8.

Vol. 6, No. 1, Jan. 1956.

RADICTECHNIKA

TECHNOLOGY

Budapest, Hungary

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

HUSZTY <sup>DRAVES</sup>  
HUNGARY/Acoustics - Electroacoustics and Technical Acoustics

J-6

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18851

Author : Husztly Denes

Inst : Not Given

Title : Certain Data on the Characteristics of Loudspeakers

Orig Pub : Kep-es hangtechn., 1957, 3, No 5-6, 131-133

Abstract : No abstract

Card : 1/1

HUNGARY/Acoustics - Elektroacoustics and Technical Acoustics

J-6

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 9127

Author : Husztly Deves

Inst : ..

Title : Loudspeakers

Orig Pub : Kep-es hangtechn., 1958, 4, No 3, 89-92; No 4, 125-128

Abstract : No abstract

Card : 1/1

HUNGARY/Acoustics - Sounds Waves and Oscillations. J

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4316

Author : Husztly, D.

Inst : VT-Fabriks, Szekes fechervar, Hungary

Title : On a Rigid Radiating Ring Placed in an Infinite Reflecting Screen

Orig Pub : Acta techn. Acad. scient. hung., 1959, 25, No 1-2, 119-157

Abstract : The author considers the problem of the radiation of a rigid ring, placed in an infinite reflecting screen, with allowance for the width of the ring. An exact solution is given for the pressure on the symmetry axis of the radiator and in the plane of the screen. It is shown that the results of the approximate calculation, performed under the assumption that the ring widths is

Card 1/3

HUNGARY/Acoustics - Sound Waves and Oscillations. J

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4316

small compared with the wavelength and with external radius of the ring  $r$ , deviate considerably from the exact equations in the case when  $\alpha = s/r > 0.5$ , and  $kr > 1$ , where  $k$  is the wave number. This deviation increases with increasing  $kr$ . It is shown that the boundaries of the near field, which has a character of a standing wave, depend on the width of the rings; with increasing width of the ring, the boundaries of the near field are reduced. Starting with the exact solution, the radiation impedance is calculated, and the reactive component of this resistance can be quite large at certain values of  $kr$ . The action of the ring radiator is compared with the action of a rigid radiating disk of the same radius. Limiting cases of an infinitely narrow ring and a solid disk are considered; it is shown that in the limiting cases the exact solution goes over into the known forms for these cases. The exact

Card 2/3

HUSZTY, Denes; PENKOV, Georgi; WALTSCHEW, Iwan

Directional characteristic curves of nonlinear distortion of loudspeakers. *Kep hang* 10 no.4:105-109, 118 Ag '64.

1. Electroacoustic Factory, Budapest (for Huszty). 2. Film and Radio Scientific Research Institute, Sofia (for Penkov and Waltshew).

HUSZTY, Denes; PENKOV, Georgi; WALTSCHEW, Iwan

Data on the directional characteristic curves of harmonics causing the nonlinear distortion of loudspeakers. Kengonang 10 no.5:129-134,144 0 '64.

1. Electroacoustic Factory Budapest (for Huszty). 2. Film and Radio Scientific Research Institute, Sofia (for Penkov and Waltshew).

HUSZTY, Denes

Report on the Prague conference of the Technical Committee,  
International Radio and Television Organization. Hir techn  
15 no.10:314-317 0 '64.

HUSZTY, Denes

Conference on electroacoustics in Berlin. Hir techn 16 no.3:92-  
93 Mr '65.

HUSZTY, Denes

An unsolved problem of applied acoustics. Kép hang 6 no.1:17-19  
F '60.

1. VT radiogyar, Szekesfehervar.



HUSZTY, Denes

On an unsolved problem of applied acoustics: excerpts from an  
article. Musz elet 15 no.7:14 Mr '60. (EEAI 9:7)  
(Loud-speakers)

S/196/62/000/024/006/014  
E194/E155

AUTHORS: Papp, István; Kerpely, Kálmán; Huszty, Dénes; and Kerkay, Andorné

TITLE: A method of preparing anisotropic permanent magnets from barium ferrite

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no. 24, 1962, 4, abstract 24 B 29 P. (Hung. pat. no. 148045, February 15, 1961)

TEXT: The blank of  $Ba_{0.6}Fe_{2}O_{7}$  is heat-treated in granular form with a mean particle size greater than 6 microns, the fraction of 6 - 12 microns size being less than 50% by weight. The powder is shaken in a periodically varying but unidirectional magnetic field not exceeding 500 Oe. After pressing in a magnetic field of the same direction and magnitude, the blank is demagnetised in a decreasing alternating field and heat-treated. Sintering is carried out at 1300-1350 °C for more than one hour, with subsequent heat-treatment for 3 - 15 hours at 600-1000 °C.

Card 1/1 [Abstractor's note: Complete translation.]

HUSZTY, Denes

Measuring device for the determination of magnetic properties of hard ferrites. Magy hir techn 12 no.3:94-101 Je '61.

1. Híradastechnikai Tudományos Egyesület Tagja; Villamossági, Televisio es Radíokészulekek Gyara.

HUSZTY, Denes

The latest dynamic loudspeakers made in Hungary. Kep hang  
8 no.2:40-43 Ap '62.

1. Villamossagi, Televizio- es Radiokeszulekek Gyara, Szekesfe-  
hervar.

HUSZTY, Denes

New Hungarian dynamic loudspeakers. Pt.2. Kep hang 8 no.3:84-89 Je  
'62.

1. Villamosagi, Televisio- es Radiokessulekek Gyara, Szekes-  
fehervar.

HUSZTY, Denes

Some aspects of the design and manufacture of up-to-date, direct radiating, dynamic loudspeakers. Hir techn 13 no,3:90-100 Jo '62.

1. Villamossagi, Televizio- es Radiokeszulekek Gyara; es az Optikai, Akusztikai es Filmtechnikai Egyesulet tagja.

HUSZTY, Depoa

~~Development of the Bulgarian electroacoustic industry. Ksp~~  
hang 9 no.3:89-90 Je '63.

HUSZTY, Denez

News of the Section of Acoustics. Kép hang 10 no.6:175-176  
D '64.

1. Electroacoustic Factory, Budapest.



HUSZTY, Denes

An account of the Warsaw conference on acoustics. Kép hang  
11 no.1:26-27 F '65.

1. Acoustic Research Group of the Hungarian Academy of Sciences,  
Budapest.

HUSZTY, Denes

Measuring air gap induction and electromechanical force functions of electrodynamic sound transducers. Képzőművészeti Lapok no.1:1-11 F '65.

1. Electroacoustic Factory, Budapest.

HUSZTY, Denes

Probable trends of development of sound radiators and loudspeakers.  
Kep hang 11 no.2:33-36 Ap 65.

A visit to two East German research institutes. Ibid.:52-54

1. Electroacoustic Factory, Budapest.

L 09031-67

ACC NR:

AT6032814

SOURCE CODE: PO/0000/66/000/000/0057/0066

AUTHOR: Husztly, D. (Budapest)

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ORG: Research Group for Acoustics, Hungarian Academy of Sciences, Budapest  
(Forschungsgruppe für Akustik, Ungarische Akademie der Wissenschaften)

TITLE: Wave propagation in viscoelastic rods

SOURCE: Conference on Acoustics of Solid Media. Warsaw, 1964. Proceedings.  
Warsaw, PWN, 1966, 57-66

TOPIC TAGS: wave propagation, oscillation, elastic oscillation, longitudinal  
oscillation, viscoelastic rod, elastic rod/Love's differential equation

ABSTRACT: Longitudinal oscillation in infinitely long, linearly viscoelastic rods  
was discussed on the basis of Love's differential equation for elastic rods, and it  
was found that a usable approximation of wave propagation values in viscoelastic  
rods can be obtained if their lateral dimensions are smaller than wavelengths.  
The effects of rod diameter variation can be investigated using a hypothetical  
frequency-dependent rod modulus. Orig. art. has: 6 figures and 4 formulas.

SUB CODE: 20/ SUBM DATE: 14Jun65/ OTH REF: 010/

Card 1/1 nst

HUTA, A.

An Improvement in the Runge-Kutta-Nyström Method for the Numerical Solution of  
Differential Equations of the First Order <sup>iv</sup>

22  
11

Huta, A. Une amélioration de la méthode de Runge-Kutta-Nyström pour la résolution numérique des équations différentielles du premier ordre. Acta Fac. Nat. Univ. Comenian. Math. 1 (1956), 201-224. (Slovak and Russian summaries).

2  
1-F1W

HUTA, A., doc. dr. CSc.

Observation on the decomposition of natural numbers. *Acta r nat*  
Univ Com 9 no.11:57-62 '64.

CAPOVA, H.; DUBANSKA, H.; HAHN, P.; HUTAK, D.; JILEK, J.; KOLDOVSKY, O.;  
NECAS, O.; NOVAK, P.; SEJNOHA, L.; SPACEK, J.

The amount of total body fat determined by skin fold thickness in  
males from 16 to 35 years. Cesk. gastroent. vyz. 15 no.7:540-555  
N '61.

1. Fyziologický ústav CSAV - Praha, Ústav leteckého zdravotnictví -  
Praha, Vojenský ústav hygieny, epidemiologie a mikrobiologie - Praha.  
(ADIBOSE TISSUES)

HUTAK, D.; PERLIN, C.; NOVAK, P.

Observation of the nutritional status of soldiers. Riboflavin saturation. Cesk. gastroent. vyz. 19 no.6:355-358 S '65.

1. Vojensky ustav hygieny, mikrobiologie a epidemiologie v Praze.



010 356.33:613.294:577.16

HUTAK, D.; KRYSA, I.; TRETERA, V.; PERLIN, G.; KLAUS, K.; [Affiliation not given].

"The Question of Supplying Vitamin in the Form of Ascorbic Acid to Soldiers."

Prague, Vojenske Zdravotnicke Listy, Vol 35, No 4, Aug 66, pp 158 - 162

Abstract [Authors' English summary modified]: Soldiers suffered from a large seasonal deficiency of vitamin C in the part of the army in which an investigation was made. 100 mg per day was administered daily for a period of 3 months to a group of soldiers; this group had a serum level of 0.5 mg% against 0.21-0.29 mg % found in the control group. In a group which received 600 mg of ascorbic acid once a week for 3 weeks the level was kept at 0.7 mg%. Such rapid administration should be made only when the normal supply (100 mg daily) cannot be administered. 3 Figures, 3 Tables, 4 Western, 10 Czech, 4 Russian, 1 Egyptian reference.

1/1

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HUTAN, L.

KRATOCHVIL, M.; SIMKOVIC, I.; HUBKA, M.; HUTAN, L.

Technic of portacaval anastomosis with Eck's and Pavlov's fistulas  
experimental studies. Bratisl. lek. listy 34 no.7:727-740 July 54.

1. Z Ustavu usitej anatomie, prednosta dr. M.Kratochvil, s I.  
chirurgickej kliniky, prednosta prof. dr. K.Garsky, a s II. chirurgickej  
kliniky LFSU v Bratislave, prednosta clen corresp. SAV K.Siska.

(FISTULA, experimental,

Eck's & Pavlov, technic of portacaval anastomosis in)

(VENS, PORTAL SYSTEM, surgery,

portacaval anastomosis in Eck's & Pavlov's fistulas)

(VENAE CAVAE, surgery,

portacaval anastomosis in Eck's and Pavlov's fistulas)

HUTAN, L.

KRATOCHVIL, M.; SIMKOVIC, I.; HUBKA, M.; HUTAN, L.

Problem of utilisation of nitrogen from protein hydrolysates.  
Bratisl. lek. listy 34 no.7:741-757 July 54.

1. 3 I. Chirurgickéj kliniky, prednosta prof. dr. K.Carsky, s II.  
chirurg. kliniky, prednosta qlen korespondent SAV K.Siska, a s Ustavu  
usitej anatomie v Bratislave, prednosta dr. M.Kratochvil.

(NITROGEN, metabolism,  
utilisation from protein hydrolysates in dogs, determ.  
with Eck's & Pavlov's fistulas)

(PROTEINS,  
hydrolysates, utilisation of nitrogen from protein  
hydrolysates, determ. with Eck's & Pavlov's fistulas)

HUTAS, Iare, dr.; NYIREDI, Geza, dr.; FERENCZY, Sandor, dr.;  
VASAROS, Maria, dr.

Respiratory function tests in bronchial dyskinesia. Tuberku-  
lozis 16 no.4/5:149-153 Ap-My '63.

1. A Budapesti Orvostudományi Egyetem Tudományegészségügyi Kliniká-  
jának és a János Kórház Rendelőintézetének közleménye.

(RESPIRATORY FUNCTION TESTS)

(BRONCHIAL SPASM) (TRACHEAL STENOSIS)

(PULMONARY EMPHYSEMA) (BRONCHOSCOPY)

KESZLER, Pal, dr.; HUTAS, Imre, dr., PINTER, Endre, dr.; PAPOLCZY,  
Antal, dr.

Late functional results of pulmonary resection in childhood.  
Orv. hetil. 105 no.14:631-635 5 Ap'64

1. Janos Korhaz, Mollkassebeszeti Osztaly, Legzesfunctio  
Laboratorium es Budapesti Orvostudomanyi Egyetem, IV.Se-  
beszeti Klinika.

\*

HUTAS, Imre, dr.; VASAROS, Maria, dr.

Heparin ointment in the prevention of artificial venous thrombosis caused by PAS infusion. Tuberkulozis 16 no.9: 267-268. S 163.

1. Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinika  
(Igazgató: Miskovits Gusztáv dr. egyetemi tanár) közleménye.  
(HEPARIN) (AMINOSALICYLIC ACID)  
(THROMBOPHLEBITIS) (INJECTIONS, INTRAVENOUS)  
(OINTMENTS)

HUTAS, IMRE

BIRO, Ferenc, dr.; HUTAS, Imre, dr.

Cranium lacunare congenitum. Gyermekgyógyászat 5 no.9:283-287  
Sept. 54.

1. Vasmege Tanácsa Korhaza (Igazgató-foorvos: Szvoboda Jenő dr.)  
Gyermekosztályának (Foorvos: Frank Kalman, dr.) és Röntgen-  
osztályának (Foorvos: Hutás Imre dr.) közleménye.

(CRANIUM, abnorm.  
cranium bifidum)  
(ABNORMALITIES  
cranium bifidum)

HUTAS, Imre, dr.

Arteriovenous aneurysms of the lungs. *Magy. radiol.* 6 no.3:103-109 July 54.

1. Vas Megyei Tanács Kórház (igazgató-főorvos: Szvoboda Jenő dr.)  
Röntgenosztályának (főorvos: Hutás Imre dr.) közleménye.  
(LUNGS, aneurysm  
arteriovenous, x-ray)  
(FISTULA ARTERIOVENOUS  
lungs, x-ray)



KOVATS, Ferenc, dr.; MISKOVITS, Gusztav, dr.; HUTAS, Imre, dr.

Experimental studies on the formation of tuberculous abscesses,  
following intramuscular injections. Orv. hetil. 96 no.41:1126-1129  
9 Oct 55.

1. A Budapesti Orvostudományi Egyetem Tudományegyetemi Klinikájának  
(igazgató: Kovats Ferenc dr. egyet. tanár)

(TUBERCULOSIS, experimental

eff. of vegetable oils in intramusc. inject. on action  
of antituberculous agents in tuberc. infected guinea  
pigs & on form. of tuberc. abscesses)

(OILS

vegetable oils in intramusc. inject., eff. on action  
of antituberculous agents in tuberc. infected guinea  
pigs & on form. of tuberc. abscesses)

HUTAS, Imre, dr.; NYIRÉDY, Géza, dr.; VARGHA, Géza, dr.

Therapy of hypoventilation, occurring with hemoptysis. Tuberk.  
kardesai 8 no.6:169-173 Dec 55.

1. A Budapesti Orvostudományi Egyetem Tudományegészségügyi Klinikája  
(igazgató: Kovács Ferenc dr. egy. tanár közleménye.

(ATELECTASIS

posthemoptysic, surg. (Hun))

(HEMOPTYSIS, compl.

atelectasis, surg. (Hun))

VARGHA, G.; HUTAS, I.

Successful isoniazid therapy of tumorous peritoneal tuberculosis. Orv.  
hetil. 94 no.26:723-724 28 June 1953. (GIML 25:1)

1. Doctors. 2. Tuberculosis Clinic (Director -- Prof. Dr. Ferenc  
Kovats), Budapest Medical University.

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HUPAS, I.; VAJDA, G.

The changes in phagocyte activity in the course of isonicid therapy.  
Orv. hetil. 94 no.28:771-774 12 July 1953. (GLML 25:1)

1. Doctors. 2. Clinic for Pulmonary Diseases (Director -- Prof. Dr. Ferenc Kovacs) of Budapest Medical University and the Laboratory (Head Physician -- Dr. Lasso Gorecsky) of Budapest Hungarian State Railroads Hospital.

EXCERPTA MEDICA Sec.14 Vol.12/5 Radiology May 1958

*Hutás I.*  
886. CHONDRO-OSTEOPLASTIC TRACHEOPATHY - Tracheopathia chondro-  
osteoplastica - Hutás I. and Zsámbéky P. Vas megyei Tanács Kór-  
háza, Szombathely, Hungary - MAG. RADIOL. 1957, 9/1 (17-22) illus. 4  
In a male aged 48, with cor pulmonale tracheography revealed a stricture at the  
level of the jugulum. Tracheo-bronchoscopy confirmed this finding and in addition  
there was noticed a rigidity of the tracheal wall caused by rough calcified hard  
plaques bulging into the tracheal lumen and not removable for biopsy.  
Györgyi - Budapest

HUTAS, Imre.

VARGHA, Gosa, dr.; HUTAS, Imre, dr.

Gastrectomy and tuberculosis. Tuberkulosis 10 no.1-2:24-27  
Jan-Feb 57.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinikájának  
(igazgató: Kovacs, Ferenc, dr. egyet. tanár) közleménye.  
(GASTRECTOMY, compl.  
tuberc., pulm., case reports (Hun))  
(TUBERCULOSIS, PULMONARY, etiol. & pathogen.  
gastrectomy, case reports (Hun))

HUTAS, Imre, Dr.

Tomographic pictures in the detection of mediastinal teratomas.  
Orv. hetil. 98 no.43:1184-1186 27 Oct 57.

1. A Vas Megyei Tanacs Markusovszky Korhaza (igazgato-foorvos: Szvoboda  
Jeno dr.) Rontgenosztalyanak (foorvos: hutas Imre dr.) kozlemenye.  
(MEDIASTINUM, neoplasms  
teratoma, diag., tomography (Hun))  
(TERATOMA, diag.  
tomography in mediastinal teratoma (Hun))

HUTAS, Imre, Dr.; ZSAMBEKY, Pal, Dr.; VARGA, Zsuzsa, Dr.

Data on the diagnosis and therapy of solitary liver abscesses. Orv. hetil.  
99 no.33:1147-1150 17 Aug 58.

1. A Vas Megyei Tanacs "Markusovszky" Korhaza I. sz. Belgyogyaszati  
Osztalyanak (foorvos: Vasarhelyi Bela dr.) es Rontgenosztalyanak (foorvos:  
Hutas Imre dr.) kozlemenye.

(LIVER, abscess

solitary, diag. & ther., case reports (Hun))



HUTAS, Imre, dr.; NYIRKDY, Geza, dr.

Trypsin aerosol therapy of chronic pulmonary diseases.  
Tuberkulózis 12 no.11:258-260 N '59.

1. A Budapesti Orvostudományi Egyetem Tudományegyetemi  
Klinikájának (Igazgató: Kovács Ferenc dr., egyetemi tanár,  
az orvostudományok doktora) közleménye.  
(BRONCHITIS ther)  
(TRYPSINS ther)

HUTAS, Imre

Paradoxical oxygen effects in the diagnosis of chronic respiratory insufficiencies. Orv. hetil. 100 no.6:210-212 8 Feb 59.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinikájának (igazgató: Kovács Ferenc dr. Egyetemi tanár, az orvostudományok doktor közleménye.

(RESPIRATION

insuff., chronic, admin. of oxygen causing extensive hypoventilation, diag. significance (Hun))

HUTAS, Imre, dr.; MANDI, Andras, dr.

Significance of respiratory functional examinations in case of silicosis. Munkavedelem 6 no.7/9:32-35 '60.

1. Budapesti Orvostudományi Egyetem Tudorgyógyászati Klinikája és Országos Munkaegészségügyi Intézet.

KOVATS, Ferenc, dr.; MIHOCZY, Jaszlo, dr.; HUTAS, Imre, dr.

Ecclid therapy of cor pulmonale. Tuberkoluzis 13 no.5:130-132  
Ap '60.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinika  
(Igazgató: Kovats, Ferenc, dr. egyetemi tanár, az orvostudományok  
doktora) közleménye.

(PULMONARY HEART DISEASE ther.)  
(AUTONOMIC DRUGS ther.)