

CSAKANY, Gyorgy, dr.; VITAY, Pal, dr.; VOLNI, Gyorgy, dr.; BARSY, Gyula, dr.

Therapeutic radiation injury in the population of Budapest.
Orv.hetil. 101 no.46:1632-1634 13 N'60.

1. Orszagos Rontgen- es Sugorfizikai Intezet.
(RADIOTHERAPY compl)

CSAKANY, Gyorgy, dr.

Post-stenotic dilatation in a case of isolated pulmonary valvular stenosis. Magy radiol. 13 no.2:65-72 Mr '61.

1. Az Orszagos Kardiologiai Intezet (igazgato: Gottsegen Gyorgy dr. egyetemi tanar) Rontgenosztalyanak (vezeto: Csakany Gyorgy dr.) kozlensege.

(PULMONARY STENOSIS)

CSAKANY, Gyorgy, dr.; ALMOS, Sandor, dr.; VARGA, Lasslo, dr.

Significance of the adjustment in the roentgenological examination
of systolic expansive pulsation of the hilar vessels. Orv.hetil.
102 no.11:497-500 12 Mr'61.

1. Orszagos Kardiologiai Intezet es a Budapesti Orvosudomanyi
Egyetem, IV. sz. Belgyogyaszati Klinika.
(ANGIOGRAPHY)
(LUNGS blood supply)

CSAKANY, Gyorgy, dr.; VARGA, Laszlo, dr.

Radiological manifestations in the calcification of thrombi in the left auricular wall. Orv.hetil. 102 no.34:1603-1604 20 Ag '61.

1. Orszagos Kardiologiai Intezet, Rontgenosztaly.

(CORONARY DISEASE radiog)

CSAKANY, Gyorgy, dr.

Roentgeno-diagnostic significance of Kerley's septum lines. Orv.
hetil. 102 no.39:1840-1844 24 S '61.

1. Országos Kardiológiai Intézet és Budapesti Orvostudományi Egyetem,
IV Belgyógyászati Klinika Röntgenosztálya.

(HEART radio)

CSAKANY, Gyorgy, dr.; SIMON, Ferenc

A simple and inexpensive method for the reproduction of roentgenograms. Magy. radiol. 14 no.2:117-120 Mr '62.

1. Az Országos Kariológiai Intézet és a Budapesti Orvostudományi Egyetem IV sz. Belgyógyászati Klinikája (igazgató: Gottsegen György dr. egyetemi tanár) Röntgenosztályának (főorvos: Csakany György dr.) közleménye.

(RADIOGRAPHY)

CSAKANY, Gyorgy, dr.

Roentgenographic symptoms of pulmonary hypertension. Tuberkulozis 15
no.2:33-42 F '62.

1. Az Országos Kardiológiai Intézet (igazgató: Gottsegen György dr.
egyetemi tanár) Röntgenosztályának közleménye.

(HYPERTENSION PULMONARY radiog)

CSAKANY, Gyorgy, dr.

Examination of the left ventricle, aorta and arteries originating from the aorta with the catheter introduced into the femoral vein through the skin. Magy. sebész. 15 no.3:167-176 Je '62.

1. Az Országos Kardiológiai Intézet és a BOTE IV sz. Belgyógyászati Klinikája (Igazgató: Gottsegen György dr. egyetemi tanár.) Röntgenosztályának (Főorvos: Csakany György dr.) közleménye.

(HEART CATHETERIZATION)

BALASSA, Sandor, dr.; CSAKANY, Gyorgy, dr.; TEMESVARI, Antal, dr.;
WAGNER, Marta, dr.

Coarctation of the descending aorta. Orv. hetil. 103 no.21:969-980
27 My '62.

1. Orszagos Kardiologiai Intezet es a Fovarosi Margit korhaz,
Belgyogyaszati Osztaly. (AORTIC COARCTATION case reports)

SZAM, Istvan, dr.; HANKOVSKY, Maria, dr.; CSAKANY, Gyorgy, dr.

Data on the occurrence, character and therapy of pulmonary tuberculosis associated with pulmonary artery stenosis. Tuberkulozis no.8:236-239 Ag '62.

1. A Budapesti Orvostudományi Egyetem IV. Beliklinikája, Országos Kardiológiai Intézet (Igazgató: Gottsegen György dr. egy. tanár) és a Fővárosi Úzsoki u.-i kórház Tudóosztálya (Igazgató főorvos: Szántó Sándor dr.) közleménye.

(PULMONARY STENOSIS) (TUBERCULOSIS, PULMONARY)
(TETRALOGY OF FALLOT)

CSAKANY, Gyorgy, dr.

Functional roentgenographic examination of the regulation of pulmonary circulation (effect of adrenalin and serotonin). Magy. Belorv. arch. 15 no.3:85-89 Je '62.

1. As Orszagos Kardiologiai Intezet es a BOTE IV. sz. Belgyogyaszati Klinikaja (igazgato: Gottsegen Gyorgy dr. egyetemi tanar) Rontgenosztalyanak (vezeto: Csekany Gyorgy dr.) kozlemenye.

(EPINEPHRINE pharmacol) (SEROTONIN pharmacol)
(BLOOD CIRCULATION pharmacol) (LUNGS blood supply)

VARGA, Laszlo, dr.; GAL, Gyula, dr.; CSAKANY, Gyorgy, dr.

X-ray findings on degenerative changes in the sterno-costal joint.
Orv. hetil. 103 no.25:1165-1167 24 Jo '62.

1. Orszagos Kardiologiai Intezet, Rontgenosztaly on Fovarosi Istvan
Korhaz, Prosectura.

(RIBS dis)

HUNGARY

CSAKANY, Gyorgy, Dr. VARGA, László, Dr; State Cardiological Institute (Országos Kardiológiai Intézet), and Medical University of Budapest, IV. Medical Clinic (Budapesti Orvostudományi Egyetem IV. Súlygyógyászati Klinika), (director: SOITSEGEN, Gyorgy, Dr, professor; Department of Radiology, medical chief: CSAKANY, Gyorgy, Dr).

"The Diagnostic Value of Lateral Roentgenograms in the X-Ray Examination of the Heart and the Large Vessels."

Budapest, Magyar Radiologia, Vol XV, No 1, Jan 1963, pages 2-18.

Abstract: [Authors' English summary modified] Based on comparative examinations, the diagnostic value of the semioctique and latero-lateral roentgenograms of the thorax is discussed in the examination of the heart and large vessels. It is concluded that the latero-lateral picture is of equal practical value to the two semioctique pictures and can substitute them. A comment is given by several authorities. 1 Hungarian, 2 Russian references.

L1/1

26

CSAKANY, Gyorgy, dr.; VARGA, Laszlo; dr.

Diagnostic value of lateral x-ray pictures in the roentgenographic examination of the heart and the arteries. Magy. radiol. 15 no.1: 8-18 Ja '63.

1. Az Országos Kardiológiai Intézet és a Budapesti Orvostudományi Egyetem IV. Belgyógyászati Klinikája (igazgató: Gottsegen György dr. egyetemi tanár) Röntgenosztályának (főorvos: Csakany György dr.) közleménye.

(HEART)

(THORACIC RADIOGRAPHY)

CSAKANI, Gyorgy, dr.

A new radiographical sign of postcapillary pulmonary hypertension:
intersegmental septal line. Orv. hetil. 104 no.12:545-547 24 Mr '63.

1. Orszagos Kardiologiai Intezet, Rontgenosztaly.
(HYPERTENSION, PULMONARY) (THORACIC RADIOGRAPHY)

LOZSADI, Karoly, dr.; CSAKANY, Gyorgy, dr.; TOMORY, Emilia, dr.

Multiple arteriovenous pulmonary fistulas. Orv.hetil. 105 no.7:
315-318 16 F '64.

1. Orszagos Kardiologiai Intezet, Sebészeti es Rontgen Osztaly.

★

CSAKANY, Gyorgy, dr.; LONYAI, Tihamer, dr.

Agensis of the left branch of the pulmonary artery. Magy.
radiol. 15 no.5:278-281 S '63.

1. Orszagos Kardiologiai Intezet kozlemenye.
(PULMONARY ARTERY) (ABNORMALITIES)
(TETRALOGY OF FALLOT) (ANGIOCARDIOGRAPHY)

CSAKANY, Gyorgy, dr.

Supravalvularis pulmonalis stenosis. Magyar. radiol. 16 no. 1: 12-15
F'64.

1. Az Országos Kardiologiai Intézet és a Budapesti Orvostudományi Egyetem IV. Belgyógyászati Klinika Röntgen Osztályának közleménye.

*

LONYAI, T.; CSAKANY, Gy.; TOMORY, Emilia

Multiple peripheral stenosis of the pulmonary artery. Acta
paediat. acad. sci. Hung. 6 no.3/4:389-393 '65.

1. National Institute of Cardiology, and P. Heim Children's
Hospital, Budapest. Submitted July 3, 1965.

HUNGARY

CSAKANY, Gyorgy, Dr; National Institute of Cardiology (director: GOTTSEGEN, Gyorgy, Dr), Radiology (head: CSAKANY, Gyorgy, Dr) (Orszagos Kardiologiai Intezet, Rontgen Osztaly).

"The Circumscribed, Light Shadow of the Lung."

Budapest, Orvosi Hetilap, Vol 107, No 15, 10 Apr 66, pages 684-689.

Abstract: The radiological syndrome is described which designation is a generalization of numerous casuistic reports using the most varied terminology such as "vanishing lung", "abnormal transradiancy of the lung", etc. The diseases and anomalies which produce such a picture can be divided into the oligemic and "emphysemic" group. These as well as the circumscribed, light lung shadow derived from other causes are described briefly and X-ray pictures are presented to illustrate the descriptions. 6 Hungarian, 11 Western references.

CARDIOLOGY

HUNGARY

GOTTSEGEN, Gyorgy, Dr, ROMODA, Tibor, Dr, SZAM, Istvan, Dr, ZABORSZKY, Bela, Dr, CSAKANY, Gyorgy, Dr. Medical University of Budapest, IV. Medical Clinic (Budapesti Orvostudományi Egyetem, IV. Belklinika), and National Institute of Cardiology (director: GOTTSEGEN, Gyorgy, Dr) (Országos Kardiológiai Intézet).

"Some Lesser Known Forms of Cardiac Infarct."

Budapest, Orvosi Hetilap, Vol 107, No 36, 4 Sep 66, pages 1688-1692.

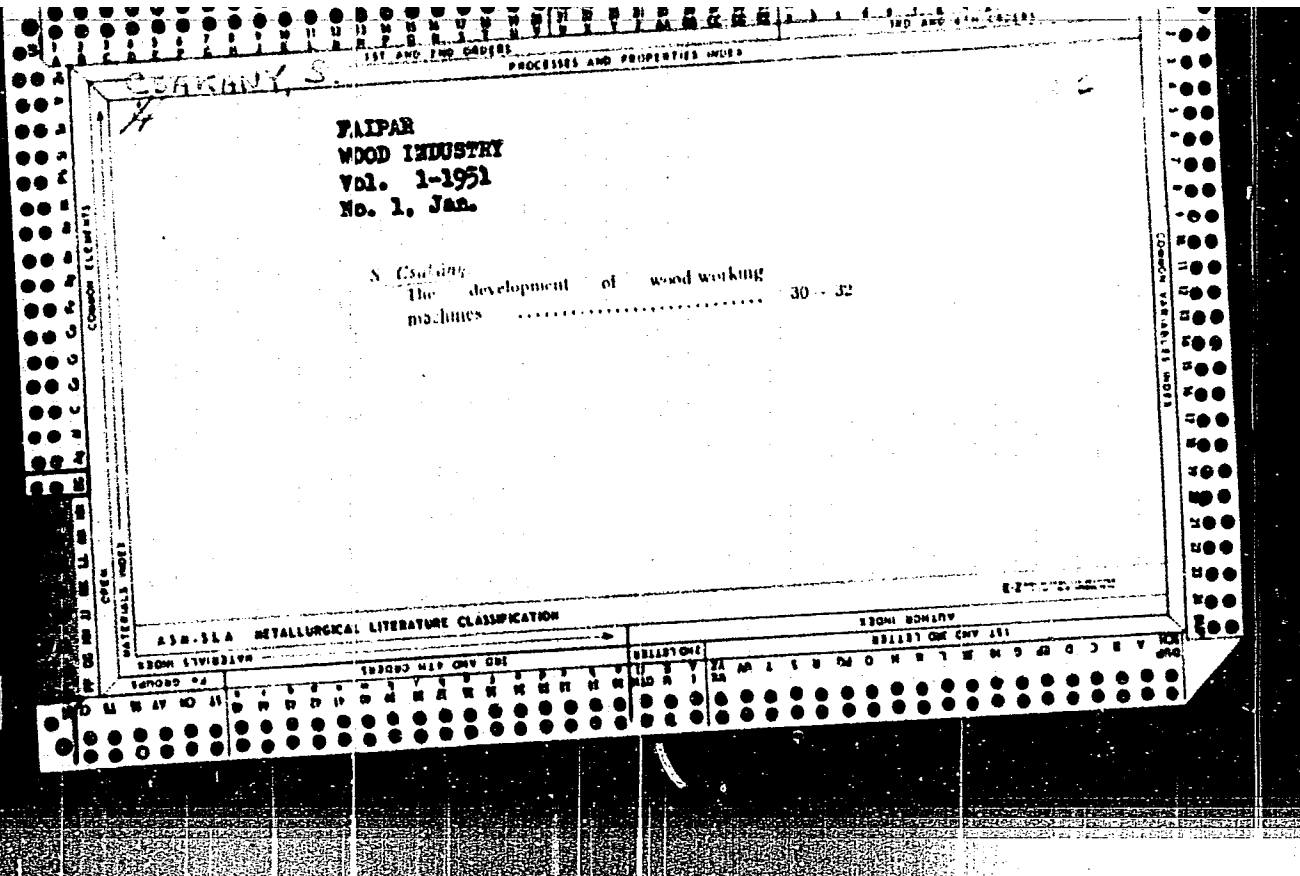
Abstract: [Authors' Hungarian summary] Some cases of cardiac infarct involving an unusual etiology or course and diagnosed in the living patient are described. In one case, the origin of the left coronary artery from the pulmonary artery led to necrosis of the myocardium. In two patients, heart catheterization of the right side led to the confirmation of an existing rupture of the ventricular septum; one of them is still alive, 10 years later, in a relatively compensated state. In one case, mitral insufficiency originating from a papillary muscle infarct was successfully diagnosed with the help of phonocardiogram, EKG and radiokinematography. 10 Hungarian, 33 Western references.

1/1

CSAKANY, I.

"Research in the matter of regional organization in Hungarian agricultural production." p. 107. (ACTA AGRONOMICA ACADEMIAE SCIENTIARUM HUNGARICAE, Vol. 3, no. 1/2, 1153. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress August, 1953, Uncl.



CSAKANY, S.

Economic and technical conditions for the oscillation-free continuous peeling in plywood production.

p. 90 (FAIPAR) Budapest, Hungary Vol. 7, no 2 June 1957

SO: Monthly index of East European Accessions (AE^{CT}) Vol 6, no 11 November 1957

CSAKANY, Sandor

Shoe last manufacturing problems. Bor cipo 10 no.1:15-17
Ja '60.

1. Konnyuipari Tervezo Iroda.

CSAKANY, Sandor

Problems of the manufacturing of shoe trees. Bor cipo 10
no.2:57-59 Mr '60.

1. Konrguipari Tervezo Iroda.

CSAKANY, Sandor

Shoe last manufacturing problems. Bor cipo 10 no.2:57-59
Mr '60.

1. Konnyuipari Tervezo Iroda.

CSAKAY, T. 1947

(Hung. Biol. Res. Inst. , Tihany)

"Blood Pressure Response to Histamine in Cats Before and After Treatment With Histamine."

Arch. Biol. Hungarica, 1947, 17(255-261)
Abst: Exc. Med. 11, Vo., 11, No. 3, p. 367

CSAKI, E.; VINCZE, I.

On some problems connected with the Galton-test. Mat kut kozl MTA 6
no.1/2:97-109 '61.

(Mathematical statistics)

CSAKI, E.

On the number of intersections in the one-dimensional
random walk. Mat kut kozl MTA 6 no. 3:281-286 '61.

CSAKI, E.; VINCZE, I. (Budapest)

On some combinatorial relations concerning the symmetric
random walk. Acta math Szeged 24 no.3/4:231-235 '63.

1. Submitted December 1, 1962.

CSAKI, Endre

On two modifications of the Wilcoxon statistic. Mat kut kozl MTA 4
no.3/4:313-319 '59. (EBAI 9:9)

(Mathematical statistics)

(Sampling (Statistics))

CSAKI, E.; VINCZE, I.

On some distributions connected with the arcsine law. Mat kut
kozl MTA 8 series A no. 3:281-291 '63('64).

SARKADI, Karoly; CSAKI, Endre; BALOGH, Albert

Dependability tests by means of mathematical methods. Hir techn
15 no.11:332-339 N '64.

1. Research Institute of Mathematics, Hungarian Academy of Sciences,
Budapest (for Sarkadi and Csaki). 2. Research Institute of Telecommuni-
cation Engineering Industry, Budapest (for Balogh).

CSAKI, Eva, dr.; KISS, Ferenc, dr.

A case of epipharyngeal scleroma. Fül-orr-gégégyógyászat 8 no.1:12-14
Mr '62.

1. A Szegedi Orvostudományi Egyetem Fül-, orr-, gége Klinikájának
(Igazgató: Szabón József dr. tanszékvezető docens) közleménye.

(RHINOSCLEROMA)

CSAKI, Eva, dr.; BOGDAN, Erno, dr.

Cases of rhinogenic meningitis caused by penicillin-resistant Staphylococcus. Fulorrgegyogyaszat 8 no.1:30-32 Mr '62.

1. A Szegedi Orvostudományi Egyetem Ful-, orr-, gégeklínikájának (Igazgató: Szabó József dr. tanszékvezető docens) és Ideg-, Elmekortani Klinikájának (Igazgató: Hussák István dr. egyet. tanár) közleménye.

(STAPHYLOCOCCAL INFECTIONS case reports)
(MENINGITIS microbiol) (NOSE microbiol)

CSAKI, F.,

"Problems in using serial condensers" p. 274

(ELEKTROTECHNIKA, Vol. 45, No. 9, Sept. 1952 Budapest, Hungary)

"The main tasks of the Hungarian electro-technical association in fulfilling the people's
economical plan for 1953" p. 33

(ELEKTROTECHNIKA, Vol. 46, No. 2, Feb. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.

CSAKI, *Erzsebet*
Electrical Engineering

Elde
①

393* Constants of Synchronous Motors at Sudden Change
in Working Conditions. (Hungarian.) *Elektr. Engin. Elsev.*
technika, v. 48, no. 7, July, 1953, p. 184-185.
Discusses effects of transient and subtransient reactances. Dia-
grams. 3 ref.

6/3/54/p

I 00637-67 EWP(v)/EWP(x)/EWP(h)/EWP(1) BC
ACC NR: AP6024757 SOURCE CODE: HU/0012/65/013/012/0360/0366
AUTHOR: Csaki, Frigyes—Chaki, F. (Doctor; Professor; Corresponding member MTA) 9
ORG: none B
TITLE: Investigation of controlled system stages with the aid of statistical techniques
SOURCE: Meres es automatika, v. 13, no. 12, 1965, 360-366
TOPIC TAGS: probability, automatic control theory
ABSTRACT: Based on references in the literature, the following subjects were discussed: Methods for system analysis; some theorems of probability calculation; correlation equations; characteristics of correlation equations; output-density spectra; and characteristics of output-density spectra. The author thanks Scientific Assistant Janos Lehoczky for assistance in the compilation of this work. Orig art. has: 10 figures and 45 formulas. [JPRS]
SUB CODES: 13,12 / SUBM DATE: 25May65 / ORIG REF: 001 / SOV REF: 002 / OTH REF: 016

Cord 1/1 pb

2

CONFIDENTIAL
GENERAL

19

CSAKI, F.

CSAKI, F. Low-Tension Devices for Phase-Correction; a book review. p. 93
(Gyorgy Turan's)

Vol. 49, no. 3, March 1956

ELEKTROTECHNIKA

TECHNOLOGY

Budapest, Hungary

SO: East European Accession Vol. 6, no. 3, March 1957

102. Effect of the spark-gap working time upon the short-circuit currents in circuits containing series capacitor. (In English) R. Csáki, *Periodica Polytechnica, Electrical Engineering*, Vol. 1, 1957, No. 3, pp. 233-242, 4 figs.

20

This study investigates the speed at which the protective device of the series capacitor must work in order to avoid a heavier short-circuit current developing in the compensated system than in the non-compensated one. Once again the operator calculus and complex quantities are used for the investigations. The deductions are obtained from the curves of the short-circuit currents in the complex plane. Disregarding the resistances the following approximative relationship was found between

P time limit (t_0) and degree of compensation ($k = \frac{X_C}{X_L}$).

|| $t_0 = \frac{\pi}{2\omega\sqrt{k}}$. It is demonstrated that this result is not significantly influenced by taking into account the resistance and initial load current.

~~CSAKI, F.~~
CSAKI, F. [Csaky, F.], kand.tekhn.nauk, dots (Budapest)

Investigations of certain operating conditions in synchronous
machines studied in Hungary. Elektrichestvo no.12:44-49 D '57.

(MIRA 10:12)

(Hungary--Electric machinery, Synchronous)

CSAKI, F.

Effect of series condensers on the operation of a synchronous machine. p. 157.
(KOZLENYI, Vol. 21, no. 1/4, 1957, Budapest, Hungary)

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

F. CSAKI

(10). Short-circuit currents in circuits containing series capacitors. (In English) P. Csáki. *Periodica Polytechnica, Electrical Engineering*, Vol. 1, 1957, No. 2, pp. 155-171, 7 figs., 2 tabs.

The purpose of the study is to establish whether it is necessary in all cases of short circuits to bridge the series capacitor compensating the reactance of the transmission line with a protective device. In order to decide this question the short-circuit currents and the overvoltages at series condensers are investigated in detail by means of the operator calculus and complex quantities. The short-circuit current on the complex plane is plotted by spiral curves; from these curves the peak values of the short-circuit currents may be easily obtained for the different $R : X_L$ (resistance to inductance) ratios and $X_C : X_L$ degrees of compensation. It is proved that in consequence of the compensation the increase of short-circuit currents is not sufficiently great to necessitate bridging of the series capacitor with a protecting device in all cases. The overvoltages at the series capacitor itself however may be the multiple of the operating voltage. Therefore it usually is more economical to adapt the series capacitor to the operating voltage and to install a special protecting device.

CSAKI, F.

The Cagled city network capacitors in series in the operational tests.

P. 15 (VILLEPOSSAG) Budapest, Hungary Vol. 5, No. 1/2, Apr./May 1957

SO: Monthly Index of East European Accessions (AMEI) Vol. 6, No. 11 November 1957.

CSAKI, F.

Short-circuit currents in circuits containing series capacitors.

P. 155 (PERIODICA POLYTECHNICA. ELECTRICAL ENGINEERING) Vol.1, no. 2, 1957
in English, Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol 17, no. 3
March 1958

CSAKI, F

CSAKI, F

81. Some remarks concerning the quick-response over-excitation of synchronous generators (In English) F. CSAKI, *Periodica Polytechnica, Electrical Engineering, Vol. 2, 1977, No. 2, pp. 111-120, 8 figs., 2 tabs.*

The conditions under which dangerous stresses can be completely eliminated in synchronous generators during or after quick-response over-excitation have been examined in detail. Thus the heating of the stator and rotor, the currents in the stator and rotor windings, furthermore the voltages in the stator windings as a function of time have been investigated. A simplified method of calculation of the determination of the above values is given. The results of the calculations are compared with the test results obtained from oscillograms. The following conclusion can be drawn concerning the design of quick-response over-excitation equipment: it is advisable to limit the duration of quick-response excitation to avoid harmful overheating and it is expedient to combine the operation of the circuit breaker with the cessation of over-excitation in order to eliminate voltage over-stresses.

JW
1/1

of

CSAKY, F.

CSAKY, F.

KONORSKIY, B., prof.; SAVYUK, V., inzh. (Krayova, Rumyniya); CHAKI, F.,
kand. tekhn. nauk (Budapesht, Vengriya); GRESHNYAKOV, V.M., inzh.;
MODEROV, A.A., inzh.; SAPOZHNIKOV, R.A., doktor tekhn. nauk, prof.;
SAPERSHTEYN, N.D., kand. fiz.-mat. nauk; BOGATYREV, O.M., kand.
tekhn. nauk (Moscow).

Modification of the Heaviside formula. Elektrichestvo no.3:86-88
Mr '58. (MIRA 11:5)

1. Lodzinskiy politekhnicheskiy institut, Pol'sha (for Konorskiy).
2. Leningradskiy politekhnicheskiy institut imeni Kalinina (for
Greshnyakov, Moderov).
3. Leningradskiy voyenno-mekhanicheskiy
institut (for Sapozhnikov, Sapershteyn).
(Electric engineering)

CSAKI, F., prof. (Budapest, XI., Egrý József u.18)

Theoretical methods concerned with the asynchronous operation of
turbo-generators. Periodica polytechn electr 4 no.2:117-144 '60.
(EEAI 10:4)

(Turbogenerators)

~~CSAKI, F.~~ prof.

Linear approximation of admittance diagrams for the theoretical examination of turbo-generators in asynchronous operation. Periodica polytechnica electr 4 no.3:145-186 '60. (EKAI 10:5)

1. Department of Special Electric Machines and Automation,
Polytechnical University, Budapest.
(Turbogenerators)

OSAKI, F., prof

Quadratic approximation of admittance diagrams for the theoretical examination of turbo-generators in asynchronous operation. Periodica polytechnica electr 4 no.4:259-274 '60. (EEAI 10:6)

1. Department of Special Electric Machines and Automation,
Polytechnical University, Budapest.
(Turbogenerators)

CSAKI, F.

Complex-plane charts for obtaining closed loop frequency responses
in linear control systems. Periodica polytechn telectr 4 no.4:361-
378 '60. (EISAI 10:6)

(Control systems) (Automatic control)

CSAKI, Frigyes, a muszaki tudományok kandidátusa, megyetemi tanár

Practical method for testing the asynchronous operation of
turbogenerators. Elektrotechnika 53 no.2/3:62-68 '60.

1. Villamos Energetikai Kutató Intézet volt munkatársa;
"Elektrotechnika" szerkesztő bizottsági tagja.

CSAKI, Frigyes

"High and low-voltage control stations" by B. Fleck. Reviewed
by Frigyes Csaki. Elektrotechnika 53 no.4:193 '60.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

CSAKI, F., prof. (Budapest XI. Egrý József u. 18. Hungary)

Graphical procedure for the examination of turbogenerators in a synchronous operation. Periodica polytechn electr 5 no.1:5-40 '61.

1. Department for Special Electric Machines and Automation, Polytechnical University, Budapest.

(Turbogenerators)

CSAKI, F. prof. (Budapest, XI., Egry Jozsef u.18); KELEMEN, T. (Budapest, XI., Egry Jozsef u.18)

Automatic start of an auxiliary group of feeding. Periodica polytechn electr 5 no.4:315-340 '61.

1. Chaire de Machines Electriques Speciales et d'Automatique de l'Universite Technique de Budapest.

CSAKI, Frigyes, dr.

"Design of servomechanisms and regulating systems" by H.Chestnut
and R.W.Mayer. Reviewed by Dr.Frigyes Csaki. Elektrotechnika
54 no.1/2:83 F '61.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

CSAKI, Frigyes, dr., egyetemi tanár, a műszaki tudományok doktora;
KELEMEN, Tibor, adjunktus

Automatic starting of the stand-by power source machine group.
Elektrotechnika 54. no.5:223-233 My '61.

1. Budapesti Műszaki Egyetem Különleges Villamosgépek és Auto-
matika Tanszék. 2. "Elektrotechnika" szerkesztő bizottsági tagja
(for Csaki). 3. "Elektrotechnika" felelős szerkesztője (for
Kelemen).

CSAKI, F., prof. (Budapest, XI., Egry Jozsef u. 18)

Generalized complex-plane stability criteria. Periodica
polytechn electr 6 no.1:9-23 '62.

1. Department for Automation, Polytechnical University, Budapest.

CSAKI, F.

"Systems engineering for the process industries" by T.J.Williams.
Reviewed by F.Csaki. Periodica polytechn electr 6 no.2:185
'62.

CSAKI, F., prof. (Budapest, II., Egri J.u.18)

Some remarks concerning the statistical analysis and synthesis
of control systems. Periodica polytechn electr 6 no.3:17-20
'62.

1. Department of Automation, Polytechnical University,
Budapest.

CSAKI, F., prof. (Budapest, XI., Egri J.u.18)

British Transistor, Diode and Semiconductor Devices Data
Annual 1962-1963" by G.W.A. Dummer and Mackenzie Robertson.
Reviewed by F. Csaki. Periodica polytechn electr 6
no.3:235 '62.

1. Department of Automation, Polytechnical University,
Budapest.

CSAKI, F., prof. (Budapest, XI., Egry Jozsef u.20)

Simplified derivation of optimum transfer functions in the
Wiener-Newton sense. Periodica polytechn electr 6 no.4:237-
245 '62.

1. Department of Automation, Polytechnical University,
Budapest.

CSANI, Frigyes, a muszaki tudományok doktora

General complex plane stability criteria. Muszaki kozl MTA
31 no.1/4:45-54 '62.

1. Budapesti Muszaki Egyetem Automatizalasi Tanszek; Magyar Tudományos Akademia Automatizalasi Kutato Laboratorium.

NEMETH, B. (Budapest, XI., Egrý József u.18); CSAKI, E. (Budapesti, XI.,
Egrý József u.18)

Methods of mathematical statistics for evaluating electric
breakdown measuring series. Periodica polytechn electr 7
no.1:9-35 '63.

1. Department for High Voltage Technics and Equipments of the
Technical University of Budapest, and Research Institute for
Mathematics of the Hungarian Academy of Sciences. Presented
by Prof. Dr. J. Eisler.

CSAKI, F.

"Electrical engineering design manual" by M.G. Say. Reviewed
by F. Csaki. Periodica polytechn electr 7 no.1:106 '63.

CSAKI, F.

"Static power converters; performance and application" by
R. Wells. Reviewed by F. Csaki. Periodica polytechn electr
7 no.1:106-107 '63.

CSAKI, F., prof., dr.

"Circuit studies in rectifier engineering" by Th. Wasserrab.
Reviewed by F. Csald. Periodica polytechn electr 7 no.2:
167-168 '63.

CSAKI, F., prof. (Budapest, XI., Egry Jozsef u. 18)

Simplified derivation of optimum transfer functions for multi-variable systems. Periodica polytechn electr 7 no. 3:171-183 '63.

1. Department of Automation, Polytechnical University, Budapest.

CSAKI, Frigyes, dr., egyetemi tanar

The root-locus method. Meres automat 11 no.1:2-8 '69.

1. Muszaki Egyetem, Automatizalasi Tanszek.

CSAKI, Frigyes, dr., egyetemi tanar

Application of function transformations in control engineering.
Mérés automat II. no.4/5:105-112 '63.

1. Budapesti Műszaki Egyetem Automatizálási Tanszék.

CSAKI, Frigyes, dr.

Introduction. Elektrotechnika 56 no.1/2:1-2 F '63.

1. "Elektrotechnika" szerkeszto bizottsaganak elnoke.

CSAKI, Frigyes, dr.

"Elements of electronic circuits, building bricks and circuit design" by J.M. Peters. Reviewed by Frigyes Csaki.
Elektrotechnika 56 no.4:184 Ap '63.

1. "Elektrotechnika" szerkeszto bizottsagi elnoke.

CSAKI, Frigyes, dr., okleveles gépészmérnök, a műszaki tudományok
doktora, egyetemi tanár, tanszékvezető

Signal-flow diagrams. Elektrotechnika 56 no.5:185-191 My '63.

1. Budapesti Műszaki Egyetem Automatizálási Tanszék; Magyar
Tudományos Akadémia Automatizálási Kutató Laboratórium
igazgatóhelyettese, Budapest, XI., Egry József u. 18;
"Elektrotechnika" szerkesztő bizottsági elnöke.

SZENDY, Karoly, a muszaki tudomanyok doktora; CSAKI, Frigyes, docens,
a muszaki tudomanyok kandidatusa

The 17th session of the International Conference on Large
Electric Systems held in Paris, 1958. Elektrotechnika 51
no.7/9:402-406 '58.

1. Eromu Tervezo Iroda osztalyvezetoje (for Szendy).
2. Villamos Energetikai Kutato Intezet; "Elektrotechnika"
szerkesztoje (for Csaki).

CSAKI, Frigyes, dr.

"Design of automatic control systems" by John G. Truxal.
Reviewed by Frigyes Csaki. Elektrotechnika 53 no.11:523-
524 '60.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

CSAKI, Frigyes, dr.

"Control and regulation in electrical engineering" by D. Bar,
H. Gottschalk, H. Hantke, D. Hantke. Reviewed by Frigyes
Csaki. Elektrotechnika 56 no.7/8:289 '63.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

CSAKI, Frigyes, dr.

"Junction transistor circuit analysis" by S.S. Hakim.
Reviewed by Frigyes Csaki. Elektrotechnika 56 no.7/8:
289 '63.

1. "Elektrotechnika" szerkeszto bizottsagi elnoke.

CSAKI, Frigyes, prof., dr. (Budapest, XI., Egrý József u.18)

Simplified derivation of the optimum multipole cascade controller
for random processes. Periodica polytechn electr 8 no.1:1-11 '64.

"Variation calculus and its application in physics and
technology" by P. Funk. Reviewed by Frigyes Csaki.
Ibid.:115

1. Department of Automation, Polytechnical University, Budapest.

CSAKI, Frigyes, prof. (Budapest, XI., Egrý József u.18-20)

Simplified derivation of the optimum multipole cascade controller for multivariable systems with constraints. Periodica polytechn electr 8 no.2:117-131 '64.

1. Department of Automation, Polytechnical University, Budapest.

CSAKI, Frigyes, prof. dr. (Budapest, XI, Egri Jozsef u. 18)

Examination of some electrical problems of metallurgy on analogue models. Periodica polytechn electr 8 no.3:211-225 '64.

1. Lehrstuhl fur Automation, Technische Universitat, Budapest.
Submitted August 28, 1963.

CSAKI, Frigyes, egyetemi tanár, a muszaki tudományok doktora

Simplified derivation of optimum transfer functions. Meres
automat 12 no. 7:205-210 '64.

1. Chair of Automation, Budapest Technical University.

CSAKI, Frigyes, egyetemi tanár

In the interest of automation. Ujit lap 16 no.2: 5 25.Ja'64.

1. Magyar Tudományos Akademia Automatizalasi Kutato Laborato-
rium.

CSAKI, Frigyes, dr., egyetemi tanar, a muszaki tudományok doktora

Simplified deduction of the optimum multipole cascade
controller. *Mérés automat* 13 no.2/3:33-39 '65.

L 42979-66 EWT(d)/T/EWP(1) IJP(c)

ACC NR: AP6031811

SOURCE CODE: HU/0012/65/013/007/0206/0211

AUTHOR: Csaki, Frigyes--Chaki, F. (Professor; Doctor; Corresponding member MTA)

ORG: none

TITLE: Non-linear problems in control engineering 313
[This paper was presented at the 4th National Conference on Automation held in Budapest on 3 May 1965]SOURCE: Meres es automatika, v. 13, no. 7, 1965, 206-211

TOPIC TAGS: control theory, dynamic programming

ABSTRACT: This article is the text of the author's lecture delivered at the 3 May 1965 meeting of the Fourth National Conference on Automation in Budapest. The following subjects were discussed: utilization of the methods of non-linear oscillation technology in control engineering, relations between linear and non-linear control theory, inherent problems of non-linear control engineering, harmonic linearization, statistical linearization, the Pontryagin maximum theory, dynamical programming, and the second method of Lyapunov. The contribution of digital and analog computers to control engineering was stressed. Orig. art. has: 1 figure and 1 table. [JPRS: 32,496]

SUB CODE: 13, 12 / SUBM DATE: none

Card: 1/1 hs

UDC: 62-501.14

0919 0551

CSAKI, F. (Budapest)

Studies on certain electric problems of the metallurgic
industry by modeling the systems. Problemy proj hut maszyn
11 no.11:333-339 N '63.

CSAKI, F., Doctor of Technical Sciences

Separable nonlinear differential equations of first order in
the theory of synchronous machines in asynchronous operation.
Acta techn Hung 48 no. 1/2:163-183 '64.

1. Department of Automation of Polytechnical University,
Budapest.

CSAKI, Gyula

Measuring and accounting the achievements of innovations
and inventions from the point of view of national economy.
(To be contd.) Ujit lap 14 no.9:14 10 My '62.

1. Penzugminiszterium felelőséje.

CSAKI, L.

Ervin Fenyves' Atommagsugarzasok merese (Measuring Radiations of Atomic Nuclei);
a book review. p. 603.

(MAGYAR FIZIKAI FOLYOIRAT, Vol. 4, no. 6, 1956. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sep. 1957. Uncl.

FARKAS, Tibor (Tihany, Biologia, Hungary); HERODEK, Sandor (Tigany, Biologia, Hungary); CSÁKI, Laszlo (Budapest IX, Tuzolto u.58, Hungary); TOTH, Geza (Budapest IX, Tuzolto u.58, Hungary)

Incorporation of acetate -1-¹⁴C into the liver fatty acids in the fish *Amiurus nebulosus*. *Acta biol Hung* 13 no. 1:83-86 '61.

1. Biological Research Institute of the Hungarian Academy of Science, Tihany (Head: E. Woynarovich). Department of Histology and Embriology, Medical University, Budapest (Head: I. Toro).

CSAKI, Frigyes, dr., egyetemi tanar

Ten years' development of the Faculty of Electrical Engineering.
Elektrotechnika 54 no.5:193-196 My '61.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BORKA, Jozsef; CSAKI, Frigyes, dr.; FEKETE, Istvan

The 25 kW voltage regulating autodyne and its experimental testing. Elektrotechnika 54 no.6:241-249 Jo '61.

1. Magyar Tudomanyos Akademia Automatizalasi Kutato Laboratorium.
2. "Elektrotechnika" szerkeszto bizottsagi tagja (for Csaki).

CSAKI, Frigyes, dr., egyetemi tanar

"Mathematics for mechanical engineers" by R.Rothe. Reviewed by
Dr.Frigyes Csaki. Elektrotechnika 54 no.6:286-287 Je '61.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

GYEVAI, Angela T.; TOTH, G.; CSAKI, L.

Heart studies. V. Phosphorus metabolism in the heart of rats of different ages and of lower vertebrates. Acta biol. acad. sci. Hung. 13 no.1:117-122 '62.

1. Morphological Department (Head: I. Toro), Research Institute for Experimental Medicine of the Hungarian Academy of Sciences, Budapest, and Department of Histology and Embryology, Medical University, Budapest (Director: I. Toro).

(MYOCARDIUM) (PHOSPHORUS) (AGING)

POSSNY, Zoltan; BUKULYA, Bela; TORO, Iare; CSAKI, Laszlo

Determination of the effect of thymectomy on spermatogenesis by the measurement of P32 incorporation into testicular nucleic acids and phosphorus fractions in the rat. Kiserl. orvostud. 15 no.6:592-598 D '63.

1. MTA Kiserleti Orvostudományi Kutató Intézet Morfológiai Osztálya, Budapest.

(SPERMATOCYTES) (DNA) (PHOSPHORUS ISOTOPES)
(THYMUS) (PHYSIOLOGY) (TESTIS) (RNA)

KOCSIS, Maria; CSAKI, Laszlo; SANKA, Janos; DOZSA, Istvan; UJFALUSI,
Sandor

Remarks about the article "Trade Union County Councils".
Munka 4. no. 8:40-43 Ag 54

1. Tisza Cipogyar uzemi Bizottsagi elnoke (for Kocsis).
2. Postasok Szakszervezete Szervezesi Osztalya vezetője (for Csaki).
3. Szakszervezetek Győr-Sopron megyei Tanácsa (for Sanka and Dozsa).
4. Kozalkalmazottak Szakszervezete Győr-Sopron megyei Bizottsaga elnoke (for Ujfalusi).

CSAKI, Peter; FISCHER, Janos

Contributions to the problem of maximal correlation. In English.
Mat. kut. kozl. MTA 5 no.3:325-337 '60 (REAL 10:8)
(Correlation(Statistics)) (Functions)
(Polynomials)

CSAKI, Peter; FISCHER, Janos

On bivariate stochastic connection. In English. Mat kut kozl MTA
5 no.3:311-323 '60. (EEAI 10:8)
(Hilbert space) (Correlation(Statistics))
(Distribution(Probability theory)) (Spaces,Generalized)

CSAKI, Peter; FISCHER, Janos

On the general notion of maximal correlation. Mat kut
kozl MTA 8 A series no.1/2:27-51 '63.