

FABIAN, P.

Contribution to the diagnosis of congenital isolated tracheo-
esophageal communication. Cesk. pediat. 14 no.11:1040-1041 November 59.

1. Detske oddelenie KUNZ v Banskej Bystrici, prednosta MUDr. P. Fabian.
(ESOPHAGUS, abnorm.) (TRACHEA, abnorm.)

SAKAL, V.; FABIAN, P.

Uremia in childhood in undiagnosed obstruction of the neck of the bladder. Cesk. pediat. 15 no.2:117-123 F '60.

1. Urologické oddelenie KUNZ v Banskej Bystrici, prednosta dr. V. Sakal; Detské oddelenie, prednosta dr. P. Fabian.
(BLADDER abnorm.)
(UREMIA etiol.)

FABIAN, P.; MARTINKOVIC, A.

A case of hemolytic disease in a newborn infant conditioned by simultaneous isoimmunization in the ABO and Rh systems, cured by 4 exchange transfusions. Cesk. pediat. 16 no.7/8:702-705 JI-Ag '61.

1. Detske oddelenie KUNZ v Banskej Bystrici, predn. MUDr. P. Fabian -
Krajska transfuzna stanica v B. B., predn. MUDr. A. Martinkovic.

(ANEMIA HEMOLYTIC in inf & child)
(INFANT NEWBORN diseases)
(BLOOD TRANSFUSION in inf & child)

SAXL, O.; ZEMANEK, R.; FABIAN, P.

Congenital diffuse bone sclerosis in children. Cesk. pediat. 17 no.1:
49-51 Ja '62.

1. Fakultni detska nemocnice v Brne, int. oddeleni, prednosta doc. dr.
- O. Saxl Fakultni detska nemocnice v Brne, ~~reg~~-oddeleni, prednosta dr.
- R. Zemanek Detske oddeleni KUNZ v B. Bystrici, prednosta dr. P. Fabian.

(OSTEOPOROSIS in inf & child)

FABIAN, P.

Invagination and perforation of the intestine in anaphylactic purpura.
Cesk pediat 17 no.2:149-151 F '62.

1. Detske oddelenie KUNZ v Banskej Bystrici, prednosta dr. Pavel Fabian.

(INTUSSUSCEPTION in adolescence)
(INTESTINE SMALL diseases)
(PURPURA in adolescence)

FABIAN, P.; GALIK, L.

Clinical and EEG picture of acute carbon monoxide poisoning in a child. Cesk. pediat. 17 no.4:345-349 Ap '62.

1. Detske oddeleni KUNZ Banska Bystrica, prednosta Dr. P. Fabian
Neurologicke oddelenie KUNZ Banska Bystrica, prednosta Dr. L. Galik.

(CARBON MONOXIDE toxicol)
(ELECTROENCEPHALOGRAPHY in inf & child)

FABIAN, P.; DROBA, O.; STYK, L.

Ectodermal dysplasia. Cesk. pediat. 18 no.2:135-139 F '63.

1. Detske oddelenie Krajskej nemocnice v Banskej Bystrici, prednosta
MUDr. P. Fabian Detska poliklinika OUNZ v Banskej Bystrici, veduci
MUDr. O. Droba Zubne oddelenie Krajskej nemocnice v B. Bystrici,
prednosta MUDr. J. Bukovy.

(ECTODERMAL DEFECT CONGENITAL)

GALIK, L., MUDr.; FABIAN, P., MUDr.

Drug poisoning of a child with hydantoinates in clinical and EEG aspects. Bratisl. lek. listy 45 no.6:374-379 31 Mr '65

1. Neurologické oddelenie Krajskeho ustavu narodniho zdravi v Banskej Bystrici (veduci: MUDr. P. Fabian).

SAKAL, V.; FABIAN, P.; KOVAC, V.

Significance of urological complications in imperforate anus in the newborn. Cesk. pediat. 18 no.1:33-36 Ja '63.

1. Urologické oddelenie KUNZ v Banskej Bystrici, prednosta dr. V. Sakal
Detske oddeleni KUNZ v Banskej Bystrici, prednosta dr. P. Fabian.
(ANUS) (ABNORMALITIES) (UROLOGY)

BECK, Mihaly; BITE, Pal; BRUCKNER, Gyozo; CSENTES, Jozsef; CSUROS, Zoltan;
DEAK, Gyula; ERDEY-GRUZ, Tibor; ERDEY, Laszlo; FABIAN, Pal;
FINALY, Istvan; FODOR, Gabor; FODORNE CSANYI, Piroska;
GYORBIRO, Karoly; INZELT, Istvan; KUCSMAN Arpad; NEUMANN, Erno;
PUNGOR, Erno; SCHNER, Anna; SCHULEK, Elemer; SZABADVARY, Ferenc

Rules for the Hungarian chemical nomenclature and orthography.
Kem tud kozl MTA 17 no.1/4:1-292 '62.

1. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Bruckner, Csuros, Laszlo Erdey, G.Fodor, and Schulek).
2. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkesztoje (for Erdey-Gruz).
3. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" technikai szerkesztoje (for Finaly).
4. Muvelodesugyi Miniszterium (for Csentés).
5. Magyar Tudomanyos Akademia Helyesitasi Bizottsage (for Fabian).
6. Nehezipari Miniszterium (for Neumann).

HUSAR, I.; FABIAN, R.

First International Students' Colloquium on Welding in
Magedburg. Zvaranie 12 no. 12: 370-371 D '63.

HUSAR, Ivan, inz.; FABIAN, Rudolf, inz.

Automatic plasma torch welding of 1,5 mm plates from 17.347
material. Zvaranie 13 no.3s87-90 M-164

SCHNITZLER, Jozsef, dr.; FABIAN, Sandor, dr.

New method for spondylodesis in tuberculosis. Tuberk. kerdesei 7
no.6:94 Dec 54.

1. A debreceni Allami Tudobeteggyogyintezet (igazgato: Pongor
Ferenc dr.) kozlomenye.
(TUBERCULOSIS, SPINAL, surgery
spondylodesis, method (Hun))

FABIAN, Sandor, dr.; VAJKOCSY, Akos, dr.

Result of application of intranarconal. Magy. sebeszet 8 no.
2:115-119 Apr 55.

1. A Debreceni Allami Tudobeteggyogyintezet sebeszeti
osztalyanak koslemenyje. Forvos: Schnitzler, Jozsef dr.
(BARBITURATES, anesthesia and analgesia,
thiobarbiturate anesth. of short duration.)

FABIAN, Sandor, dr.; HALASY-NAGY, Endre, dr.

Extraperiosteal plastic plombage. Tuberk. kerdesei 9 no.1:14-16
Feb 56

1. A debreceni Orvostudományi Egyetem Tbc Klinikája (igazgató:
Pongor Ferenc dr.) Sebészeti osztályának (osztályvezető:Schnitzler
József dr.) közleménye.

(COLLAPSE THERAPY

extraperiosteal plombage with perlon, technic (Hun))

FABIAN, S.

Falling asleep and accidents. p. 12
Statement on motor sports. p. 14
AUTO MOTOR (Kozlekedesi Kiado) Budapest
Vol 9, no. 7, Apr. 1956

Source: EEAL - LC Vol 5, No. 10, Oct. 1956

FABIAN, Sandor

Alteration of bronchoscopic tube for examinations in narcosis. Orv.
hetil. 98 no.30:832 28 July 57.

I. A Sebreceni Orvostudományi Egyetem Tbc. Klinikája (igazgató:
Pongor Tereno dr.) Sebészeti Osztályának (osztályvezető: Schnitzler
József dr.) Közleménye.

(BRONCHOSCOPY, appar & instruments

alteration of tube for exam. in general anesth. (Hum))

FABIAN, Sandor, Dr.

Narcosis protocol. Orv. hetil. 99 no.8-9:299-300 23 Feb - 2 Mar 58.

1. A Debreceni Orvostudományi Egyetem Tbc. Klinikája (igazgató:
Pongor Ferenc dr. egyet. docens) Sebészeti Osztálynak (osztályvezető
Schnitzler József dr. egyet. docens) közleménye.

(ANESTHESIA

protocol sheet (Hun))

(RECORDS, MEDICAL

anesth. protocol sheet (Hun))

FABIAN, Sandor, Dr.; BANHIDI, Endre, Dr.; VAJKOCZY, Akos, Dr.

Problems of tracheobronchial anesthesia. I. Bronchoscopy in narcosis.
Orv. hetil. 99 no.23:783-787 8 June 58.

1. A Debreceni Orvostudományi Egyetem Tbc. Klinikája (igazgató: Pongor
Ferenc dr.) Sebészeti Osztályának (osztályvezető: Schnitzler József dr.)
közleménye.

(BRONCHOSCOPY, anesth. & analgesia
general, advantages, indic. & methods (Hun))

MESZAROS, Gyorgy, dr.; FABIAN, Sandor, dr.; BANHIDI, Endre, dr.; VEZENDI, Sandor, dr.

Bronchography under overpressure and anesthesia in apneic patients.
Tuberkulozis 14 no.3:68-71 Mr '61.

1. A Debreceni Orvostudományi Egyetem Tbc Klinika (mb. igazgató: Pongor Ferenc dr. egyetemi docens) bronchológiai osztályának közleménye.

(APNEA diag) (BRONCHI radiography)

BODA, Andor, dr.; FABIAN, Sandor, dr.

Statistical aspects in the determination of modern therapeutic
measures for the treatment of chronic nonspecific osteomyelitis.
(Orv. hetil. 106 no.5:215-218 31 Ja '65

1. Csont-izületi Tbc. Gyógyintézet, Nyírbeltek (igazgató főorvos:
Fabian, Sandor, dr.).

HUNGARY

FABIAN, Sz., Magdolna, Dr, LAKOS, Antal, Dr, FEHER, Ilona, Dr; City Council of Mako, Hospital, Department of Radiology (Mako Varosi Tanacs Korhaz, Rontgenosztaly), and Medical University of Szeged, II. Medical Clinic (Szegedi Orvostudomanyi Egyetem, II. Belklinika).

"Methods for the Acceleration of Passage in the X-Ray Examination of the Intestinal Tract (Pharmaco-Radiographic Studies)."

Budapest, Magyar Radiologia, Vol XVIII, No 2, Apr 66, pages 81-85.

Abstract: [Authors' English summary modified] It was found by the authors that passage through the small intestine is considerably accelerated by Diotilan and Prostichol without any disturbance in the morphology or physiological function of the mucous membrane or the intestinal wall. There were no pathological spasms or increased secretion. The small intestine becomes filled after 30-60 minutes and the colon after 2 hours. By using this method, the examination of the entire intestinal tract can be completed within 2 hours. 7 Hungarian, 24 Western references.

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- 201 -

FAIX, Alexej, inz.; FABIAN, Stanislav

Experience in the use of the burn cut in gallery driving.
Rudy 11 no.10:323-327 0 '63.

FAYX, Alexej, inz.; FABIAN, Stanislav

Experience in the operational testing of the Atlas Copco
T-2-GH bunker loader. Rudy 11 no.11:372-377 N°63.

1. Zeleznorudne bane.

FAIX, Alexej, inz.; FABIAN, Stanislav

Experiences in drilling with concave bits. Rudy 13 no.1:30-34
Ja '65.

1. Zeleznorudne bane National Enterprise, Spisska Nova Ves.

ABSTRACT

HODON, Dr. Magdolna, M.D., of the X-ray Laboratory of the Hospital
~~of the Municipal Council (Varosi Tanacs Kozhas Kozlonyo Laboratorium)~~
in Szeged.

"An Aortic Aneurysm Observed for Seven Years"

Abstract: Orvosi Hetilap, Vol. LXX, No. 7, 17 Feb 1943, pp. 322-323.

Abstract: A case of aortic aneurysm of aortic origin, associated with a
degenerative aortic atherosclerosis, was observed for seven years
and is reported in this article. After violent initial symptoms,
chronic, and then acute hemiplegia, appreciable regression and,
finally, arrestation occurred. Thirteen references, including 6
Hungarian and 7 Western.

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LENGYEL, Karoly Csaba; FABIAN, Tibor

A new type chip dryer in Hungary's wood industry. Faipar 10
no.5:156-158 My '60.

1. Faipari Kutato Intezet.

BENDŐ, Jozsef; FABIAN, Tibor; PALLAGI, Otto, dr.; BOZZAY, Gyulane;
SZABO, Jeno

Linear programming for the organization of railroad transportation of petroleum products. Kozleked kozl 20 no. 24: 396-399 14 Je '64.

JENŐ, János; FÁBIÁN, Tibor; PALLAGI, Gábor, Jr.; RÓZSI, Gyula;
SZABÓ, Jeno

Linear programming in the organization of the railroad
transportation of petroleum products. Közlekedéskozl 20
no. 37:452-455 5 J1 '64.

FABIAN, V.

More maize in cattle fodder.

P. 20 (DANIEL BELSUGULUI) (Bucuresti, Rumania) No. 3, Mar. 1957

30: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5, 1958

FABIAN, V.

"The optimal design of chemical reactors. A study in dynamic programming" by Rutherford Aris. Reviewed by V. Fabian. Chem listy 56 no.12:1459-1460 D '62.

FABIAN, V.

Remarks on W. Krysicki's article "On the Joint Problem of Bayes and Bernoulli";
also, the reply by W. Krysicki and remarks by H. Steinhaus. p. 100.
(ZASTOSOWANIA MATEMATYKI. Vol. 3, no. 1, 1956, Poland).

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

FABIAN, Vaclav (Praha)

Note on the conditional expectations [in English with summary in Russian].
Chekh.mat.shur. 4 no.2:187-191 My '54. (MLRA 7:6)
(Probabilities)

FABIAN, VACLAV

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16
 Fabian, Václav. A decision function. Czechoslovak
 Math. J. 6(1971) (1970), 31-45 (Russian summary)
 Let X_1, X_2, \dots be independent and identical
 distributed random variables with $P(X_i=1)=\hat{p}$ and $P(X_i=0)=\hat{q}$
 1. \hat{p} . It is assumed that \hat{p} is an element of the set
 \mathbb{R} . A sequential decision procedure is
 satisfying (i) $\hat{p} \in \mathbb{R}$ and (ii) with probability
 1 the procedure will choose a decision
 function. An upper bound for the expected
 optimal properties are claimed for the

PROBLEN, V.

SECTION, ESTAY, AND SPACE, ANTONIO, Experience in 1 P. W.
statistical de, biseu, probles.

V Fabian, Václav. Zufälliges Abrunden und die Konvergenz des linearen (Seidelschen) Iterationsverfahrens. Math. Nachr. 16 (1957), 265-270. 2

For the total step iteration, a stochastic process for rounding the iterates was studied by Abramov [Vyčisl. Mat. Vychisl. Tehn. 1 (1953), 37-40; MR 16, 1156]. This author takes the probability of rounding the last retained digit up or down to be proportional to the truncated portion of the number, and shows that convergence in the mean to the true solution is almost certain. The form of the iteration is quite general: he assumes a sequence of operators A_1, A_2, \dots, A_k cyclically applied, with the understanding (necessary and sufficient for securing convergence of the exact, unrounded, iteration) that

$$(A_k A_{k-1} \dots A_1)^k \rightarrow 0 \text{ as } k \rightarrow \infty.$$

A. S. Householder (Oak Ridge, Tenn.)

FABIAN, V.

Leonard J. Savage's The Foundations of Statistics; a book review.

P. 111, (Casopis Pro Pestovani Matematiky) Vol. 82, no. 1, Mar. 1957
Praha, Czechoslovakia

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

FABIAN VACIV LAC/IV

Fabian, Václav. Measures the values of which are classes of equivalent measurable functions, Czechoslovak Math. J. 7(82) (1957), 191-234. (Russian summary)

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Es sei die σ -Mengenalgebra V der Definitionsbereich eines Wahrscheinlichkeitsmaßes, und \mathfrak{n}^* das System aller "zufälligen Variablen", d.h. der Klassen fast überall gleicher V -meßbarer reeller Funktionen. Die Arbeit befaßt sich vor allem mit der Integration in bezug auf Maße μ , deren Werte zufällige Variable sind. Zunächst werden Sätze über die Erweiterung eines solchen Maßes μ von einem Ring auf einen σ -Ring bewiesen, wobei das von einem linearen Funktional mit Werten in \mathfrak{n}^* induzierte äußere Maß eine Rolle spielt. Ist μ definiert auf dem σ -Ring S , so läßt sich das "schwache" Integral $\int f d\mu$ für

beliebige nirgends negative S -meßbare Funktionen f so definieren, daß es additiv und unterhalb stetig ist, und es gilt ein Satz über die Darstellung eines linearen Funktionals als schwaches Integral. Bedeutet W eine σ -Unteralgebra von V , so versteht der Verf. unter einem W -Integral ein additives und unterhalb stetiges Funktional, wiederum mit Werten in \mathfrak{n}^* , das für Funktionen definiert ist, deren Werte W -meßbare Funktionen sind, genauer gesagt, für alle nirgends negativen $(S \times W)$ -meßbaren Funktionen, und das folgende Eigenschaften hat: Sind f

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und g zwei $(S \times W)$ -meßbare Funktionen und ist $g(x, \omega) = \tilde{g}(\omega)$, so wird $\int g d\mu = \int \tilde{g} d\mu$ und $\int f g d\mu = \int f \tilde{g} d\mu$, wobei \tilde{g} die durch g repräsentierte zufällige Variable ist. Bei σ -endlichem μ ist das W -Integral eindeutig; das Problem der Existenz bleibt im allgemeinen offen. μ heißt stark, wenn das V -Integral existiert. Dafür reicht zum Beispiel hin, daß S oder V die σ -Algebra aller Borelschen Mengen eines lokal-kompakten Hausdorffschen Raumes ist, oder daß μ eine bedingte Wahrscheinlichkeit bildet. Beziehungen zum Begriff der bedingten Wahrscheinlichkeit werden eingehend untersucht. Über das W -Integral werden ferner Analoga zum Fubnischen und Radon-Nikodymschen Satz bewiesen. Existiert das W -Integral, und ist $\nu(A, \omega)$ bei festem ω als Funktion von A ein reelles Maß auf S und bei festem A als Funktion von ω ein Repräsentant der zufälligen Variablen $\mu(A)$, so ist die Funktion $h(\omega) = \int f(\cdot, \omega) d\nu(\cdot, \omega)$ ein Repräsentant der zufälligen Variablen $\int f d\mu$. (Der Referent weist in diesem Zusammenhang auf die etwas anders gearteten Sätze von D. Maharam [Trans. Amer. Math. Soc. 75 (1953), 154-184; MR 14, 1071] hin.)

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K. Krickeberg (Hamburg).

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point. Casopis Pěst. Mat. 82 (1957), 508-510 (Russian, Czech and French summaries)

Soit μ une mesure (σ -additive mais pas nécessairement finie) dans un σ -corps \mathcal{S} . Soit $A = \bigcap_{n=1}^{\infty} A_n$ et $B = \bigcup_{n=1}^{\infty} B_n$ où A_n et B_n sont des ensembles mesurables. Soit f une fonction définie sur \mathcal{S} par $f(A) = \mu(A)$ et $f(B) = \mu(B)$.

On étudie les mesures μ qui satisfont les conditions ci-dessus. Pour chaque $A \in \mathcal{S}$, on définit $\mu(A) = \mu(A)$ et $\mu(A) = \mu(A)$. On montre que $\mu(A) = \mu(A)$ et $\mu(A) = \mu(A)$. On conclut que $\mu(A) = \mu(A)$ et $\mu(A) = \mu(A)$.

PABIAN, V.

"Evaluating the rounding-off error in linear iteration processes, especially in solving the Dirichlet problem for the 10×10 square by the Seidel method."

p. 22 (Aplikace Matematiky, Vol. 3, no. 1, 1953, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 3,
September 1953

FABIAN, V.

"Some modifications of interval estimation and choice of number of observations
for a binomial random variable"

Aplikace Matematiky. Praha, Czechoslovakia. Vol. 4, no. 1, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

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S/044/62/000/003/054/092
C111/C444

AUTHOR: Fabian V(olav)

TITLE: A stochastic approximation method for the determination of the optimal conditions in the experimental work and in the self-adapting systems

PERIODICAL: Referativnyy zhurnal, Matematika, no. 3, 1962, 19, abstract 3V86. ("Aplikace mat.", 1961, 6, no. 3, 162-183)

TEXT: Fabian considers a more-dimensional approximation method for the determination of the local maximum of the function $f(x_1, \dots, x_n)$ where $A_i \leq x_i \leq B_i$, $i = 1, 2, \dots, n$, where an estimation is used for every x_i from the definition domain. This method was proposed by him in his preceding paper (Rzh. Mat. 1961, 2B41). As an application of the described method the author considers the determination of the maximal extinction of the citric acid, Na_2HPO_4 , $NaCl$, as well as the use of the approximation method as a strategy of an optimisator.

[Abstracter's note: Complete translation.]

Card 1/1

Research Inst. for Mathematical Equipment

FABIAN, Vaclav, dr., C.Sc.

Logical block scheme of an automatic optimiser. Aplikace mat
7 no.6:426-440 '62.

1. Vyskumny ustav matemetickych stroju, Loretanske namesti 3,
Praha 1.

Z/026/62/007/006/002/005
D236/D308

AUTHOR: Fabian, Václav, Doctor

TITLE: Logic block network for an automatic optimizer

PERIODICAL: Aplikace matematiky, v. 7, no. 6, 1962, 426-439

TEXT: The article is the continuation of work previously published by the author (Aplikace matematiky, v. 6, 1961, 162-183) which dealt with the function of an automatic optimizer. The whole method of optimization, based on approximation, has also been described in the paper cited. The function of the central block and of the so-called standard blocks is described. The actual structure of the optimizer is shown to be independent of the number of the optimized conditions. In order to increase the number of the optimized conditions, one just adds further standard blocks for the new parameters. There are 1 figure and 2 tables.

ASSOCIATION: Výzkumný Ústav matematických stroju Praha (Computer Research Institute, Prague)

SUBMITTED: September 1, 1961

Card 1/1

FABIAN, Vaclav, dr., ScC.

Note on the Halperin method of fitting straight lines in case both variables are subject to error. Aplikace mat 8 no.3:197-200 '63.

1. Vyzkumny ustav matematickych stroju, Loretske namesti 3, Praha 1 - Hradcany.

L 8290-66

ACC NR: AT5027851

SOURCE CODE: CZ/2503/65/000/011/0045/0050

AUTHOR: Chernyy, V. - Cerny, V.; Fabian, V.; Gayek, O. - Hajek, O.; Pokornyy, Z. - Pokornyy, Z.

ORG: Research Institute of Mathematical Machines, Prague (Issledovatel'skiy institut matematicheskikh mashin)

39
271

TITLE: A small computer MSP

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju. Stroje na zpracovani informaci, no. 11, 1965, 45-50

TOPIC TAGS: computer, solid state computer, computer design, computer logic, computer circuit

ABSTRACT: The prototype of a small MSP universal decimal computer was built at the Research Institute of Mathematical Machines (Issledovatel'skiy institut matematicheskikh mashin) in Prague and tested by means of simple programs. The computer utilizes the first version of a set of transistorized logic elements developed for the EPOS 2 computer (the set is made of easily available but not fully satisfactory parts). The elements operate with a 1-Mc synchronization pulse frequency. The second unit under study will utilize a new version of the set of elements having an increased reliability. The computer contains approximately 5000 transistors. The electronic components (including the memory) are contained within a 3.5 x 0.5 x 2.5 m cabinet, and consume 1 kw of power. The machine translates the universal

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ACC NR: AT5027851

ALGOL-60 language into its own machine language. Orig. art. has: 2 formulas. 0

SUB CODE: DP / SUBM DATE: 29Feb64 / OTH REF: 002

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Card 2/2

13070-06 T 131(c)

ACC NR: AP6025474

SOURCE CODE: CZ/0088/65/000/006/0499/0523

AUTHOR: Fabian, Vaclav (Doctor; Candidate of sciences; Prague) 41

ORG: Institute of Information Theory and Automation, CSAV, Prague (Ustav teorie informace a automatizace CSAV) B

TITLE: Review of deterministic and stochastic approximation methods for function minimization 16
[This paper was presented at the Annual Seminar on Information Theory and Statistical Methods in Control Theory, held in Prague from 25 May to 4 June 1965.]

SOURCE: Kybernetika, no. 6, 1965, 499-523

TOPIC TAGS: approximation convergence, stochastic process, minimization, nonlinear programming

ABSTRACT: A review of the basic results and methods in the field of function minimization. Gradient methods, methods of nonlinear programming and stochastic approximation are included. Convergence properties, in particular the rate of convergence, are discussed, and open questions are emphasized. Orig. art. has: 12 formulas.
[Based on author's Eng. abst.] [JPRS: 35,325]

SUB CODE: 12 / SUBM DATE: 26Jul65 / ORIG REF: 022 / SOV REF: 011
OTH REF: 131

Card 1/1 0976 1851

FABIAN, Zoltan

"Studies in education." Reviewed by Zoltan Fabian. Magyar pszichol szemle
18 no.4:473-477 '61.

PABTAN Galan, Georgeta

On the diurnal march of photosynthesis in the aerial leaves and the organic substances accumulated by them. Studii cerc biol veget 15 no.3:341-359 '63.

1. Comunicare prezentata de academician N. Salageanu.

FABIAN-GALAN, Georgeta

Photosynthesis intensity development and the quantity of some substances in leaves during the daytime. Studii cerc biol s. bot 16 no.6:521-533 '64.

1. Laboratory of Plant Physiology, "Traian Savulescu" Institute of Biology.

FABIANCSICS, Laszlo, geofizikusmernok

Geophysical possibilities of deep drilling in the Nograd-Borsod coal basin. Bany lap 93 no. 10:693-697 0 60.

1. Geofizikai Intezet, Miskolc.

CZECHOSLOVAKIA UDC 616.988.23-08(091)(437.1 Janske Lazne)

FABIANOVA, B.; Institute for Medical History, Faculty of General Medicine, Charles University (Ustav Dejinn Lekarstvi Fakulty Vseob. Lekarstvi KU), Prague, Head (Prednostka) Docent Dr L. SINKULOVA.

"Treatment of Poliomyelitis at Janske Lazne"

Prague, Casopis Lekarů Ceskych, Vol 105, No 36-37, 9 Sep 66, pp 1008 - 11 11

Abstract: In the late forties and during the fifties patients who were affected with poliomyelitis were concentrated at Janske Lazne from the whole of Czechoslovakia. As late as 1953, 2347 cases were treated, and in 1957, 1074. In 1957 when vaccination by the Salk and Sabine vaccines was started, the number of cases was quickly reduced. Since 1960 there was not a new case of poliomyelitis in the whole of Czechoslovakia. Czechoslovakia is the first country where polyomyelitis was completely eradicated. 1 Table, 4 Czech references.

1/1

FABIANOVA, Boshena, doktor (Praga)

Public health in Csechoslovakia. Fel'd. 1 akush. 21 no.5:30-35
My '56. (MIRA 9:8)

(CZECHOSLOVAKIA--PUBLIC HEALTH)

FABIANOVA, Bozhena (Praga)

Activities of rural district maternity hospitals in Slovakia.
Pel'd. i akush. 22 no.8:55-57 Ag '57. (MIRA 10:12)
(SLOVAKIA--HOSPITALS, GYNECOLOGIC AND OBSTETRIC)

FABIANOVA, Bozhena, doktor (Praga)

Medical services for mothers and children in the Czechoslovakian
People's Republic. Fel'd 1 akush. 23 no.12:52 D'58 (MIRA 11:13)
(CZECHSLOVAKIA--MATERNAL AND INFANT WELFARE)

FABIANOVA, J.; BUDINSKY, J.

The effect of medication on shortening the average duration of labor. Cesk.gyn.26[40] no.1/2:121-126 F '61.

1. I. gyn.-por.klinika KU v Praze, prednosta prof.dr. K. Klaus,
Dr. Sc.

(ANESTHESIA OBSTETRICAL)

BUDINSKY, J., CSc.; STIKSA, E.; SKRIVAN, J.; FABIANOVA, J.; SRP, B., CSc.

Neuroplegic obstetrical analgesia. Cesk. gyn. 27[41] no.5:
387-394 Je '62.

1. I. gyn.-por. klin. KU v Praze, prednosta prof. dr. K. Klaus, DrSc.
(ANESTHESIA OBTETRICAL) (HIBERNATION ARTIFICIAL)

KOTASEK, Alfred, prof.; FABIANOVA, Jarmila, DrSc.

Activity of serum transaminase in healthy pregnant women and in women with late gestoses. Cesk. gynek. 27 no.1/2:66-69 Mr '62.

1. I gyn. por. kl. KU v Praze, prednosta prof. MUDr. Karel Klaus, DrSc.

(PREGNANCY blood) (TRANSAMINASES blood)
(PREGNANCY TOXEMIAS blood)

PAVROVSKY, J.; PAPEZ, L.; AUJEZDSKY, Z.; FABIANOVA, J.; STIXOVA, G.

Early diagnosis of breast diseases. Rozhl. chir. 44 no.2:142-144
F'65.

1. I. Chirurgická klinika (Prednosta: prof. dr. J. Pavrovsky);
I. gynekologická klinika (prednosta: prof. dr. K. Klaus);
Radiologická klinika (prednosta: prof. dr. V. Svab) fakulty
všeobecného lékařství Karlovy University v Praze.

FABIANOWSKI, J.: MODINSKI, H.

Review of Professor R. Pietkowski's recent book Fundamentowanie (Construction of Foundations); a review. P 39

BUDOWNICTWO PRZEMYSLOWE. (Ministerstwo Budownictwa) Warszawa ^{POLAND} Vol. 6, no. 1, Jan. 1957

Monthly List of East European Accessions (EEAI) LC. Vol. 9, no. 7, July 1959

Uncl.

FABIANOWSKI, Jerzy, mgr inz.

"Foundation construction practice" by E. Bachus. Reviewed by
Jerzy Fabianowski. Inz i bud 19 no.4:168, 4 of cover

POLAND

STEMPIEN, R., FABIANOWSKI, J. and KOZYRSKA, H., of the Infectious Diseases Clinic, School of Medicine (Klinika Chorob Zakaznych Akademii Medycznej), Lodz. Dr. R. Stempien, Acting Head.

"Familial Cutaneous Diphtheria"

Warsaw, Przegląd Epidemiologiczny, Vol 20, No 3, 1966, pp 315-317.

Abstract (Authors' English Summary modified): A case is reported of primary diphtheria of the skin of the palms persisting for five months which caused pharyngeal diphtheria in members of the patient's family. Diphtheria bacilli of the gravis type were isolated from the seropurulent discharge of the ulceration. Four children not vaccinated against diphtheria contracted the disease. The clinical course was severe, in two cases giving rise to severe myocarditis.

Contains 14 references (5 Polish and 9 Western).

1/1

RZUCIDLO, L.; JABLONSKA, S.; OSTROWSKI, J.; FABIANSKA, L.; SZUCHNIK, A.

Chemical and biological properties of tuberculin prepared from various strains of *Mycobacterium tuberculosis*. *Gruslica, Warsz.* 20 no.3:313-323 May-June 1952. (GIML 23:2)

1. Of the Institute of Tuberculosis (Director--Prof. J. Misiewicz, M.D.) and of the Dermatological Clinic of Warsaw Medical Academy and of Warsaw Vaccine and Serum Manufacturing Plant.

FABIANSKA, LUCYNA

JABLONSKA, Stefania; RZUCIDLO, Ludwik; FABIANSKA, Lucyna

Studies on the etiology of cutaneous tuberculous changes following BCG vaccination 1. Comparative studies on bacterial strains with BCG strains and on BCG-like strains in cases of lupus. Przegl. dermat. 4 no.2:145-159 Mr-Apr '54.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Warszawie.

Dyrektor: prof. dr S. Jablonska.

(BCG VACCINATION, complications,

*lupus)

(LUPUS, etiology and pathogenesis,

*BCG vacc.)

BRUNER, Edward; CZARKOWSKI, Josef; FABIANSKA, Lucyna

Granulomatosis disciformis chronica et progressiva (Miescher)
Przegl. derm., Warsz. 4 no.6:465-470 Nov-Dec 54.

1. Z Instytutu Dermatologii i Wenerologii. Dyrektor: doc.dr
Suchanek. Kierownik Działu Klinicznego Dermatologii: prof. dr
E. Bruner, z Kliniki Dermatologicznej Akademii Medycznej w Warszawie
Dyrektor: prof. dr S. Jablonska

(GRANULOMA,

granulomatosis disciformis chronica et progressive of
Miescher, case report)

FABIANSKI, B.Z.

The phase jump at the focal point in the case of electromagnetic waves. Acta Physica Pol 24 no.3:317-325 S'63.

1. Department of Physics D, Technical University, Warsaw.

YUGOSLAVIA

Srbislav S. POPOVIC and Vera FABIC-ZIVANCEVIC, Polyclinic (Poliklinika)
"Boris Kidric" Diabetes Consultation Center (Savetovaliste za dijabe-
ticare) Head (Upravnik) Dr Zagorka BEROVIC, Belgrade

"Our Experiences with Chlorpropamide in Outpatient Therapy of Diabetes."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 9, Sept 1962;
pp 825-831.

Abstract [English summary modified] : Report on use of chlorpropamide
(Diabinese, Pfizer) in 126 diabetics. Comprehensive clinical details.
Essentially laudatory. Three tables, 5 references: 2 English, 2 Ger-
man, 1 Serbo-Croatian.

171

FABICKI, J.

Mixing pipettes for quantitative determination of erythrocytes.
Polski tygod. lek 7 no.7-8:201-202 18 Feb 1952, (CLML 22:2)

FABERLIŃCZ, W.

Flaiting of knit fabrics. p. 171 (DOTYKZACJA, Vol. 5, No. 9, Sept. 1954, Warszawa, Poland)

30: Monthly List of East European Accessions, (EEAL), 10, Vol. 3, No.12, Dec. 1954, Uncl.

FABIERKIEWICZ, W.

"Forming Technical Terms." P. 172. (PRZEGLAD TECHNICZNY, Vol. 75, No. 5,
May 1954. Warszawa, Poland)

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

FABERKIEWICZ, W.

German attempt at elaborating a method of forming symbols; a plan of Standard
DIN 2330, p.349.

ROZWIĄTKA (Polski Komitet Normalizacyjny) Warszawa
Vol. 23, no. 6, June 1955

So. East European Accessions List

Vol. 5, No. 9

September 1956

FABIERKIEWICZ, W.

FABIERKIEWICZ, W. Terminology. III. Preparation of the raw material. p. 100.

Vol. 10, no. 2, 1956
PRZEMYSŁ WŁOKIENNICZY
TECHNOLOGY
Lodz, Poland

So: East European Accession Vol. 6, no. 2, Feb. 1957

FAMI KIM... 2.

"Signaling in Electric Distributing Stations", p. 122, (MIA OIG CI
MIA OIG CI, Vol. 14, No. 6, June 1954, Warsaw, Poland)

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

FABIAN IWICZ, Z.

"Blocking in Electric Distributing Stations", P. 153, (MIA CUKOSCI ELEKTRYC-
TECHNICZNE, Vol. 14, No. 7, July 1954, Warsaw, Poland)

CC: Monthly List of East European Accessions (EEL), 10, Vol. 4, No. 3,
March 1955, Uncl.

FABIERKIEWICZ

621.314.2.062.1 : 621.3.017
1694. ENERGY LOSSES IN TRANSFORMERS DURING
PARALLEL OPERATION. Z. Fabierkiewicz.

Energetyka, Vol. 9, No. 1, ~~1956-1957~~ in Polish.
The author considers how one, two, or more transformers
of an available group can be most economically used (from
the point of view of transformer losses) for various degrees
of loading and for various relative kVA ratings of the trans-
formers. Iron losses are assumed independent of load,
copper losses assumed proportional to the square of the kVA
loading and the voltage ratios of all transformers are assumed
equal.

E. M. Dombinski

1956

FABIERKIEWICZ, Z.

"Wyznaczanie miejsc uszkodzeń kabli energetycznych" (Marking of damages of power cables), by Z. Fabierkiewicz. Reported in New Books (Nowe Książki), No. 11, June 1, 1956.

FABIEKLEWICZ, Z.

Investments, use, and repairs in electric-power engineering from the point of view of economy. p. 222.

(WIADOMOSCI ELEKTROTECHNICZNE. Vol. 16, no. 9, Sept. 1956, Warszawa, Poland)

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

FABIERKIEWICZ, Z.; KWIATKOWSKI, S.

Price limits for protection against lightning. p.77.

(ENERGETYKA. Vol. 11, No. 2, Mar./Apr. 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

FABIERKIEWICZ, Zbigniew

Zbigniew Fabierkiewicz and Piotr Kizewski, "Utilization of Existing Systems
for Operation at Higher Voltages," Przeegląd Elektrotechniczny,
Vol. 34, No. 2/3, Warsaw, 21 Mar 58, pp 128-133.

JPRS/NY-837, 20 Nov 58,

FABIERKIEWICZ, Zbigniew, mgr., inż.

Economy of supplying districts remote from power fuel sources.
Energetyka Pol 16 no.2:40-43 '62.

FABIERKIEWICZ, Zbigniew, mgr ins.

Economic aspects of voltage drop and control. Pt. 1.
Energetyka Pol 17 no.2:53-56 F '63.

FABIERKIEWICZ, Zbigniew, mgr inż.

Provisions connected with putting into operation new 110 kv,
transformer substations. Energetyka Pol 18 no. 7:216-217 J1 '64.

1. Power Plants of the Northern District, Bydgoszcz.

FABIJANCIC, F.

Railroad accidents. p. 39.
(GLASNIK, Vol. 13, No. 7, July 1957)

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

FABIJANCIC, R.

FABIJANCIC, R. Failure in duties and irresponsible work with railroad cars. p. 297.

Vol. 11, No. 8, Aug. 1955

ZELEZNICE

TECHNOLOGY

Beograd, Yugoslavia

So: East European Accessions, Vol. 5, May 1956

FABIJANCIC, R.

FABIJANCIC, R. Terms for delivery of consignments; our shortcomings, and measures for adhering to terms. p. 398.
N. P., R. S. Some opinions about the problem of cadres in Yugoslav Railroads. p. 403.
System of railroad rates and policy of Yugoslav railroads in the period 1945-1953. p. 407.

Vol. 11, no. 11, Nov. 1955
ZELEZNICE
Beograd, Yugoslavia

So: Eastern European Accession Vol. 5 No. 1 April 1956

FABIJANCIC, R.

How to reduce the empty run of locomotives; relationship between transportation workers and mechanics in the field. p. 12

ZELEZNICE. (Zeleznicki institut GDJZ) Beograd.

Vol. 12, no. 5, May 1956

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

FABIJANCIC, R.

Decreasing costs and increasing labor productivity; problems of the
Varazdin-Golubovec route. p. 24.
(Zeleznice. Vol. 13, no. 1, Jan. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) L³, Vol. 6, no. 7, July 1957, Uncl.

FABIJANOWSKI, J.; DRZAL, M.

"Niebieskie Zrodla near Pilica," P. 12. (CHROMY PRZYRODE OJCZYSTA, Vol. 9,
No. 6, Nov./Dec. 1953, Krakow, Poland)

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

WABLANOWSKI, J.

"Problems of Water Management from the Viewpoint of Protecting Nature",
P. 258, (OCSPCDARMA WODNA, Vol. 14, No. 12, December 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (WIAI), IC, Vol. 4, No. 3,
March 1955, Uncl.

FABIJANOWSKI, J.

The oldest specimen of larch in the Polish Tatra Mountains.

p. 36 (Chronomy Przyrode Ojczysta. Vol. 13, no. 5, Sept./Oct. 1957. Krakow, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
Feburary 1958

FABIJANOWSKI, J.

The landscape architecture in the region os Szczawinica.

P. 65 (OCHRONA PRZYRODY) Poland, No. 24, 1957.

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

FABIJANOWSKI, J.

WSZECHSWIAT. Warszawa. No. 9, Sept. 1958.

The beginnings and the evolution of the protection of nature in Poland. p.236.

SCIENCE

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 2,
February 1958, Unclass.

BIRECKI, Mieczyslaw; FABIJANSKI, Jan

Evaluation of some ways of sowing mixtures of alfalfa with
grasses. Rocznik nauki rolniczej 86 no.4:573-592 '62.

1. Katedra Ogólnej Uprawy Rolnictwa i Roslin, Szkoła Główna
Gospodarstwa Wiejskiego, Warszawa.

FABIJANSKI, J.

1882. ^{621,372,54} An Attempt to Apply the Cauer Method to Wideband Piezoelectric Filters. J. Fabijanski, *Prace P. I. T.*, No. 15, 12-18 (1955). In Polish.

The problem consists of applying the Cauer, inspection loss method to the design of piezoelectric filters for carrier telephony systems. The odd-order characteristic functions for the filters are discussed and their approximation by means of the Chebyshev polynomials is explained. A lattice filter consisting of three double piezoelectric resonators and two coils is considered and it is shown that it has a characteristic function of the fifth order. A method of evaluating the electric parameters of the coils and piezoelectric resonators is shown. The procedure is applied to the design of the bandpass filter operating between 60.8 and 63.5 kc/s and having an attenuation of about 0.02N in the pass-band and more than 6N in the stop-band; each step in the calculations is carefully explained.

R. S. Sidorowicz

FABIJANSKI, J.

DATE: 01/11/68
BY: [illegible]
RE: [illegible]

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041232

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041232(

FABIJANSKI, Jozef, doc.

Problems of radiophonic transmission. Przegl telekom 34 no.8:237
Ag '61.