

BIERNACKA, Krystayna; GOLEDZINOWSKA, Lucja

Cerebral rheumatism as unusual cause of death. *Pediatr pol* 29
no.1:71-73 Ja '54. (REAL 3:8)

1. Z Zakładu Anatomii Patologicznej Akademii Medycznej w Gdansk, Kierownik: prof. dr med. W. Csarnocki, i z I Kliniki Chorob Dziecięcych Akademii Medycznej w Gdansk, Kierownik: prof. dr med. H. Brokman. (Otrzymano: 24.IX.1953)

(BRAIN, diseases,

*rheum., fatal)

(RHEUMATISM, in infant and child,

*brain fatal)

SNOWACKA-WOKROJ, Alicja, mgr; BIERNACKA Teresa, mgr

Use of infrared absorption method to determine the content of methyl and phenyl groups in siloxane resins. Chem anal 9 no.2: 303-314 '64.

1. Department of Technical Physics, Institute of General Chemistry, Warsaw.

POLAND

BIERNACKA, Teresa.

Department of Technical Physics, Institute of General Chemistry
(Zaklad Fizyki Technicznej Instytutu Chemii Ogólnej), Warsaw.

Warsaw, Chemia analityczna, No 6, November-December 1965, pp 1075-1092.

"Basis of quantitative analysis by infrared spectrophotometry".

BIERNACKA-BIESIEKIERSKA, J.

Detection of systemic vitamin C deficiency on the basis of
color field changes. Polski tygod. lek. 6 no.49-50:1569-1573
10 Dec 1951, (CJML 22:2)

1. Of the Occupational Consultation Center (Head-- J. Biernacka-
Biesiekierska, M. D.) of Polish Physicians Association.

BIERNACKA-BIESIEKIERSKA, J.

2540

616-057 : 017.7-003.358.6

✓ Biernacka-Biesiekińska J. Koniosis of the Organ of Sight.

„Pyłce zarządu wzroku”. Prace Centr. Inst. Ochr. Pracy No. 1(5).
Warszawa, 1952, PWT, 16 pp., 17 figs., 6 tabs.

The Central Work Protection Institute in Warsaw carried out with assistance from the Ophthalmic Clinic of the Medical Academy, observations on the effect on the sight and upper respiratory tract of various kinds of industrial dusts, notably of dusts containing silica particles. Koniosis lesions were in 63% of the case, detected in the eyes of individuals examined. The characteristic features of these lesions were the reduction, and in certain cases even loss, of the sensory functions in the cornea, as well as disturbances in the lacrimal organ. Experiments were carried out on rabbits, since doubts were being entertained as to the role played by changes detected in silicosis pathology and as to whether they may not be precursors of lesions in the lungs. Biopsy observations in a slit lamp revealed the penetration into the corneal tissues of silicious particles. This diagnosis was confirmed by histopathological preparations; moreover, damage was discovered in the corneal nerves, which explains the disturbances in the sensory function of the cornea. Such disturbances give rise to serious consequences in the workers' health. The observations referred to appear to substantiate the opinion that silicosis of the cornea is the precursor of lesions in the lungs and, as such, constitutes a warning of imminent danger to the whole of the organism. Prevention of silicosis of the body should be directed towards the detection of symptoms preceding the appearance of lesions in the lungs.

Polish Technical Abst.
No. 1 1954
Technics and Economics

Polish Technical Abst.
No. 4, 1953
Technics and Economics

2359 ✓

614.8:612.845

Biernacka-Biesiekierska J. Eye-Strain.

Znuzenie oka. Ochrona Pracy. No. 1, 1953, pp. 2-4.

Eye-strain prevention, intended to avoid both accidents during work and the production of defective goods, should proceed along the following lines: the fixing of individual contraindications for certain types of work; proper correction of deficiencies in eyesight, particularly such as are due to advanced age; care to provide proper lighting, painting of premises and ventilation in industrial enterprises; provision of suitable work tables and chairs; designing such protective equipment and will prevent eyestrain during work; rational job organisation.

① End Eng

BIERNACKA-BIESIEKIERSKA, J.

Decreased visual efficiency due to protective appliance of the eye and of the upper respiratory tract. Klin. ocsna 23 no.2:91-100 1953.

(CLML 24:5)

1. Of the Central Institute of Labor Protection (Director--L. Taniowski, Eng.) and of the Occupational Consultation Center (Head--Docent J. Biernacka-Biesiekierska, M. D.), Prague-North, Warsaw.

BIERNACKA-BIESIEKIERSKA J.

BIERNACK-BIESIEKIERSKA J. CICHOCKA-SZUMILIN I., KOBUS-ZEWSKA-FARYNOWA M. and TRZCINSKA-DABROWSKA Z.

Wczesne zmiany anatomopatologiczne w krzemicy doświadczalnej. Early morbid anatomical lesions in experimental silicosis POL. TYG. LEK. 1954, 9/8 (225-231 and 59) Illus. 16

Rabbits were exposed to silica dust, one group during 15 weeks, another group during 33 weeks. The animals were then sacrificed and the eyes, the respiratory tract and various other organs studied histologically. Polarascopy was also made use of. The first lesions appeared in the eyes and in the air passages (after an exposure of 15 weeks.) Pulmonary changes occurred only after 33 weeks. Horst-Poznan

S0: Excerpta Medica Section V, Vol. 7, No. 11

BIERNACKA-BIESIEKIERSKA, Jadwiga; SZCZYGLOWA, Maria

Role of ascorbic acid in physiology of color vision. 2. Relation of green color vision to the level of vitamin C. Klin. oczna 24 no.1:1-6 1954.

1. Z Poradni dla Młodocianych w Warszawie. Kierownik: doc. dr J. Biernacka-Biesiekierska i z Działu Higieny Żywności Państw. Zakładu Higieny. Kierownik: prof. dr A. Szczygiel.

(VITAMIN C, in blood,

*relation to green color vision)

(BLOOD,

*vitamin C, relation to green color vision)

(COLOR VISION,

*green, relation to vitamin C in blood)

BIERNACKA-BIESIEKTIERSKA, J.

Fundamentals of industrial ophthalmology. p. 7.
(OCHRONA PRACY; BEZPIECZENSTWO I HIGIENA PRACY. Vol. 10, no. 7, July 1956,
Warszawa, Poland)

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

EXCERPTA MEDICA Sec.12 Vol.10/9 Ophthalmology Sept56

1384. BIERNACKA-BLESIEKIERSKA J. *Orzecznictwo lekarskie w zakresie okulistyki. The ophthalmic invalidity (new classification) KLIN. OCZNA 1945, 26/1 (83-92) Tables 1

Ophthalmic invalidity was until to-day expressed in percentages. Now it is divided into 6 groups as follows: (a) fit for the work hitherto performed; (b) transient invalidity; (c) fit for the work with restriction without diminishing of the qualification and salary; (d) fit for the work with restriction and diminution of the qualification and salary (invalidity III degree); (e) invalid who helps himself (invalidity II degree); (f) invalid needing help (invalidity I degree). In the following 21 paragraphs detailed index of the diseases and further comments as well as examples are added.

Szmyt - Łódź

BIERNACKA-LUBANSKA, Malgorzata, adjunkt, mgr.

Fasulae, the archaeological reservation in North Italy. Problemy 18
no.12:861-864 '62.

1. Instytut Historii Kultury Materialnej, Polska Akademia Nauk,
Warszawa.

BIERNACKA-LUBANSKA, Malgorzata, mgr. st. asystent

Novae: Results of research work of the archaeological expedition of the Warsaw University in Bulgarian territories. Problemy 18 no.5:359-363 '62.

1. Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Warszawa.

Biernacki, Antoni

POLAND/Chemical Technology - Chemical Products and Their
Application - Leather. Fur. Gelatin. Tanning Agents.
Technical Proteins.

I-29

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33106

Author : Biernacki Antoni

Inst :

Title : Salt Used for Preservation of Green Hides

Orig Pub : Przegl. skorzany, 1956, 11, No 2, 33-35

Abstract : Listed are the norms of chemical composition of common salt suitable for preservation of green hides. In the salt used for skins the following amounts must not be exceeded: Ca 0.4%, Mg 0.1%, Fe 0.01%, moisture content 2%. Norms of crystal size of the salt are also given. For example salt used to treat skins must contain 20% of particles 0.25-0.5 mm, 50% of 0.6-1.0 mm, 25% of 1.1-2.0 mm, 5% of less than 0.25 mm and larger than 2 mm. The simplest methods of salt analysis are described.

Card 1/1

BIERNACKI, A.

Blood transfusion in internal diseases. Szpital.polsk. 3 no.2-3:227-
245 1950. (GLML 20:6)

BIERNACKI, A.

Aims and responsibilities of Polish hematology in the six-year plan.
Polski tygod. lek. 7 no. 40:1237-1240 6 Oct 1952. (OLML 24:1)

1. Presented at the meeting of Polish Hematological Society in Poznan,
Nov. 18, 1951.

692. BIERNACKI A. Ostre białaczki *Acute leukaemias* Pol. Arch. Med. wewn. 1952, 22/3 (724-729) ~~ilus. 3~~

On the basis of 30 personal cases the author concludes that: (a) The incidence of acute leukaemias, especially of the monocyctic forms is increasing. (b) Premonitory symptoms appear in about 1/3 of the cases. (c) They probably belong to the period of neoplastic metaplasia localized in the bone marrow. (d) The earliest signs are haemorrhagic diathesis, fever and gastrointestinal disturbances. (e) The circulating leukaemic cells are of extramedullary origin. (f) Ulcerative stomatitis and pharyngitis are independent of the granulocytopenia.

Gibinski - Wroclaw

BIERNACKI, Andrzej

BIERNACKI, Andrzej

Clinical classification of hypertension. Polskie arch. med.
wewnetrz. 23 no.5:689-694 1953.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie.
Kierownik: prof. dr Andrzej Biernacki.
(HYPERTENSION,
*classif.)

BIERNACKI, Andrzej; CZARNECKI, Wincenty

Diuresis during sleep and following awaking in normal and insufficient circulation. Polski tygod. lek. 9 no.11:338-339 15 Mar 54.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik
prof. dr med. Andrzej Biernacki.

(DIURESIS, physiology,

during sleep & after awakening in normal & insuff. circ.)

(SLEEP, physiology,

diuresis during sleep & after awakening in normal &
insuff. circ.)

(CARDIOVASCULAR DISEASES, physiology,

diuresis during sleep & after awakening in normal &
insuff. circ.)

BIERNACKI, Andrzej

So-called malignant hypertension. Polskie arch. med. wewn.
26 no.4:523-530 1956.

1. Z I Klin. Chorob. Wewn. AM w Warsz. Kier. prof. dr. nauk
med. A. Biernacki, Warszawa, I Klin. Chor. Wewn. AM Nowogrodzka
59.

(HYPERTENSION,
malignant (Pol))

BIERNACKI, Andrzej

Conservative therapy of peripheral vascular diseases. Polskie.
arch. med. wewn. 28 no.5:621-232 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik: prof.
dr nauk med. A. Biernacki. Adres autora: Warszawa, ul. Nowogrodzka
59. I Klinika Chorob Wewn.

(VASCULAR DISEASES, PERIPHERAL, ther.
drug ther. (Pol))

BIERNACKI, Andrzej; CZARNIECKI, Wincenty; DORYWALSKI, Tadeusz, GLIESKA, Danuta; KOWALSKA, Maria; KROTKIEWSKI, Andrzej; SICIESKI, Alfred STASIAKOWA, Lucja, SZAJEWSKI, Janusz; WALASZEWSKA, Barbara

Remote results of conservative therapy of peripheral vascular diseases.
Polskie arch.med. wewn. 28 no.5:771-778 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik:
prof. dr nauk med. A. Biernacki.

(VASCULAR DISEASES, PERIPHERAL, ther.
drug. ther., follow-up (Pol))

BIERNACKI, Andrzej

Treatment of hypertension. Polski tygod. lek. 16 no.9:329-336
27 F '61.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik:
prof. dr med. A. Biernacki.

(HYPERTENSION ther)

BIERNACKI, Andrzej

Problems particularly important for the national economy in the field of medical sciences. Nauka polska 10 no.3:9-11 My-Je '62.

1. Członek korespondent Polskiej Akademii Nauk, Warszawa.

~~BIERNACKI, Andrzej~~; AJEWSKI, Zygmunt; FALDA, Zbigniew; KROTKIEWSKI,
Andrzej; LAU, Mieczysław; RYMKIEWICZ, Halina; SIGINSKI, Alfred

Acute mercury poisoning treated by extrasystemic dialysis.
Pol. arch. med. wewn. 33 no.3:237-241 '63.

1. Z I Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik:
prof. dr med. A. Biernacki.
(MERCURY POISONING) (KIDNEY, ARTIFICIAL)

BIERNACKI, Andrzej [deceased]; CHELCHOWSKI, Włodzimierz; CZARNECKI,
Wincenty; GRZEDZINSKI, Eugeniusz.

Effect of high humidity, a bio-meteorological factor, on
patients treated in Ciechocinek during the summer of 1960.
Pol. arch. med. wewnet. 34 no.1:19-32 '64.

1. Z I Kliniki Chorob Wewnętrznych AM w Warszawie (kierow-
nik: prof.dr.nauk med. A.Biernacki [deceased]) i Samodzielnej
Pracowni Biometeorologicznej PIHM w Warszawie (kierownik:
prof. dr. S.Zych).

*

BIERNACKI, F.

"Development and present situation of gravimetry in the USSR". p. 225
(GEODEZJA I KARTOGRAFIA, Vol. 1, No. 4, 1952. Warszawa, Poland)

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

BIERNACKI, FRANCISZEK.

Projections obliques en cartographie (par) Franciszek Biernacki et Jan
Panasiuk.

Varsovie

Palac Kultury i Nauki, 1957, 10 p.

Monthly list of East European Accessions (EEAI). LC. Vol. 8, no. 2^{JULY}/1959.

Uncl.

PIERNACKI, F.
PANASTUK, J.

Oblique cartographic networks. p. 149

GEODEZJA I KARTOGRAFIA. (Polska Akademia Nauk. Komitet Geodezji)
Warszawa. Vol. 7, no. 2, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

BIERNACKI, Franciszek

International cooperation in geodesy and cartography. Pt. 1.
Geod i kart 11 no.2:167-189 '62.

BIERNACKI, Franciszek,

Curvilinear coordinate systems in geodesy and cartography.
Geod i kart 13 no. 1: 3-36 '64.

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BIERNACKI, J.

"Surface Hardening with Acetylene Flame." p.151
(PRZEGLAD SPAWALNICTWA Vol. 5, no. 7, July 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

BIERNACKI, J.

"Standardizing the Time of Welding", p. 198, (PRZEGLAD SPAWALNICTWA, Vol. 6, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

BIERNACKI, J.

Amount of heat sufficient for welding and the speed of oxyacetylene welding.
p. 258.

Sequence and directions of welding. p. 260.

PRZEGŁAD SPAWALNICTWA, Warszawa, Vol. 6, no. 11, Nov. 1954.

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

BIERNACKI J. The Operation and Servicing of High Pressure Acetylene Generators. MN

„Działanie i obsługa wytwornic acetylenowych wysokiego ciśnienia”
Ochrona Pracy. No. 9, 1954, pp. 299—301, 3 figs.

In this article is found a description of the following operations:
1) The safety valve in high-pressure acetylene generators with automatic
compression of acetylene to 1.5 atm.; 2) the acetylene pressure generator

with automatic operation. When servicing high-pressure acetylene generators, there is the danger of an explosion taking place during the loading of the generator with carbide and during the emptying of the sludge through the residue out. The conditions of safe handling are here described. In addition, there is a description of the functioning of a high-pressure water safety device, of the accidents which may occur, and the way to avoid them by using the safety device.

BIERNACKI, J.

"A Twice-Unsuccessful Book on the Subject of Automobiles; A Review." P. 229.
(PRZEGLAD TECHNICZNY, Vol. 75, No. 6, June 1954, Warszawa, Poland)

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

PIBILACKI, J.

Conditions of oxyacetylene cutting. p. 239

PRACOWNIA SPECJALISTYKA vol. 7, no. 10, Oct. 1955

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

BIERNACKI, J.

Welding tanks which were used for gas and liquid fuels. p. 165.

OCHRONA PRACY: BEZPIECZENSTWO I HIGIENA PRACY, Warszawa, Vol. 9, no. 6, June 1955.

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

BIERNACKI, J.

Safe use of an acetylene welder. p. 199.
OCHRONA PRACY; BEZPIECZENSTWO I HIGIENA PRACY, Warszawa, Vol. 9, no. 7, July 1955.

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

BIERNACKI, J.

Installing portable acetylene generators. p. 397.
Vol 9, no. 12, Dec.1955. OCHRONA PRACY: BRZPIECZENSTWO I WIGIENNA PRACY. Warsaw,
Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BIERNACKI, J.

Organizacja i normowanie spawania (Organization and norming of welding)

SO: NOWE KSIAZKI #1, Jan 56, Unclassified.

PIERNACKI, J.

"Tablice pomocnicze do nauki spawalnictwa" (Auxiliary boards for learning welding), by J. Biernacki. Reported in New Books (Nowe Książki), No. 11, June 1, 1956

BIERNACKI, J.

Machine-tool spindle bearings smoothed by metal spraying.

p. 178 (Przegląd Spawalnictwa. Vol. 8, no. 7, July 1956. Warszawa, Poland)

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

BIERNACKI, J.

"Rubber hose for welding apparatus."

p. 1 (Ochrona Pracy; Bezpieczenstwo I Higiena Pracy) Vol. 10, no. 2,
Feb. 1956
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BIERNACKI, J.

"Training welders in the field of industrial safety and hygiene."

p. 9 (Ochrona Pracy; Bezpieczeństwo i Higiena Pracy) Vol. 10, no. 3,
Mar. 1956
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BIERNACKI, J.

BIERNACKI, J.

Again on rubber hose for welding apparatus.

p. 22 (Ochrona Pracy; Bezpieczeństwo i Higiena Pracy. Vol. 10, no. 6, June 1956.
Warszaw, Poland)

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

BIERNACKI, J.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 2, Feb. 1958

BIERNACKI, J. Designing and marking of welded joints, p. 66.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

BIERNACKI, J.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 9, Sept. 1958

BIERNACKI, J. A discussions of the draft of the Standard PN/P-64062,
Textile Machinery, Reeds, Classification. p. 431

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

BIERNACKI, Josef, mgr., ins.

A newly published collection of standards in the field of welding.
Normalizacja 29 no.10:474-475 '61.

(Poland--Welding)

BIERNACKI, Jozef, mgr., ins.

Results achieved at the meetings of the Welding Section. Normalizacja
29 no.11/12:546-547 '61.

(Poland--Welding)

BIERNACKI, Jozef, mgr., inz.

Designating welds in technical drawings. Normalizacja 30 no. 3:
115-121 March '62.

BIERNACIK, Janusz

Some remarks on supervision over medical decisions given by doctors.
Praca zabezp spol 5 no.1:19-23 Ja '63.

1. Lekarz Oddzialu Zakladu Ubezpieczen Spolecznych, Warszawa.

CYUNEL, Bogdan; LOSSOW-ZIELINSKA, Barbara; BIERNACKI, Janusz
(Krakow)

Technical and economic problems of constructing buildings
using the method of elevating ceilings and floors. Przegl
budowl i bud mieszk 35 no. 6: 269-273 Je '63.

BIERNACKI, Janusz, mgr inz.

Percentage of sand and the problem of costs of the elements
composing the concrete mix. Ins 1 bud 20 no.3:110-116
Mr '63.

1. Politechnika, Krakow.

ZAGORSKI, Wladyslaw; BIERNACKI, Janusz

A case of unusual hypertrophy of the wall of the gallbladder during the course of lithiasis. Polski tygod.lek.15 no.7:265-267 15 F '60.

1. Z Oddzialu Chirurgicznego 2 Centralnego Szpitala Klinicznego W.A.M. w Warszawie; ordynator Oddzialu: dr.med. Wladyslaw Zagorski.
(CHOLELITHIASIS pathol.)
(GALLBLADDER pathol.)

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1ST AND 2ND DEGREE										PROCESSING AND PROPERTIES INDEX										3RD AND 4TH DEGREE									
Atomic Energy and Its Application in Time of Peace— Experimental Section. L. K. Kuznetsov. (Practical Techn- ical, 1949, May-June, pp. 107-146). (In Polish). The application of isotopes in chemistry, metallurgy, biology, and medicine is discussed. Some applications of the isotopes C¹⁴, S³⁴, and P³² in metallurgy for structural and chemical analysis are given.—W. J. W.																													
434-51A METALLURGICAL LITERATURE CLASSIFICATION																													
1949-51										1950-51										1951-52									
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BIERNACKI, Leon

Production and exportation possibilities of boiler and turbine
manufacturing industry in Poland. Przegl techn 79 Special issue:
299-304 Je '61.

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BIERNACKI, Mieczysław

Mathematical Reviews
Vol. 15 No. 4
Apr. 1954
Analysis

Biernacki, Mieczysław. Sur une inégalité entre les intégrales due à Tchébyscheff. Ann. Univ. Mariae Curie-Skłodowska. Sect. A, 5 (1951), 23-29 (1953). (Polish and Russian summaries)
Chebyshev's inequality,

$$\int_a^b p(x)f(x)g(x)dx \int_a^b p(x)dx \geq \int_a^b p(x)f(x)dx \int_a^b p(x)g(x)dx,$$

where $f(x)$ and $g(x)$ are integrable and monotonic in the same sense, and $p(x)$ is positive and integrable, on $[a, b]$, is known [Hardy, Littlewood and Pólya, Inequalities, Cambridge, 1934, p. 43] to hold if $f(x)$ and $g(x)$ are "equally increasing" in $[a, b]$; that is, $[f(x) - f(y)][g(x) - g(y)] \geq 0$. The author has shown [same Ann. Sect. A, 4, 123-130 (1950); these Rev. 13, 117] that the inequality persists if $g(x)$ is nondecreasing and $f(x)$ is nondecreasing "on the average"; that is, the function $\int_a^x p(t)f(t)dt / \int_a^x p(t)dt$ is nondecreasing. He now shows that the inequality still holds if $[a, b]$ can be subdivided into a finite number of subintervals in each of which $f(x)$ and $g(x)$ are equally increasing on the average.

E. F. Beckenbach.

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Source: Mathematical Reviews;

Vol

7

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Define $f(r, a) = (2\pi)^{-1} \int_0^{2\pi} f(r, a, \theta) d\theta$

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CIA-RDP86-00513R000205310005-5"

Wielnicki, Mieczyslaw. Sur les cercles et sur les sphères
QUI BRISSENT LE CIEL ET LA TERRE

W The primary aim of the project is to create a continuum.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205310005-5

Wierucki, Mieczyslaw. Sur l'équation Δy

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НИКОЛАЙ ИВАНОВИЧ - On the 2nd Theorem of the Inverse ...

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"APPROVED FOR RELEASE: 06/08/2000

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Journal Mathematical Reviews,

Vol 13 No 2

APPROVED FOR RELEASE: 06/08/2000

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BIERNACKI, M.

BIERNACKI, M. The multivalent areal functions. p. 71

Vol. 8, 1954
ANNALES, SECTIO A: MATHEMATICA
SCIENCE
Lublin (City) Poland

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

BIERNACKI, M.

BIERNACKI, M. Some characteristics of the functions of distances. 11. p. 81.

Vol. 8, 1954
ANNALES, SECTIO A: MATHEMATICA
SCIENCE
Lublin (City) Poland

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

BIEKMACZ, DZ.

1024/204

Politicizing two ministries

Prace Matematyczne, 1, 2 (Mathematical Transactions, Vol. 1, pt. 2).
Warszawa, Państwowe wyd-wo naukowe, 1955. 441 p. 1663 copies printed.
Errata slip inserted.

Editorial Committee: Vladimir Orlov (Chief Ed.), Stefan Drobot (Deputy Chief Ed.), Adam Milecki, Stanislaw Kozmin, Jan Kilmanski, Roman Sitkowski, Marcel Stach, Hanna Stankiewicz, Krystyna Tetartskova, and Vladimira Vrona.

FOREWORD: This book is intended for mathematicians.

CONTENTS: The book consists of a collection of articles on analysis, series, and function theory. Among the topics discussed are: the solution of the Riemann hypothesis, set translation, power series, measure by a function, operational calculus, approximation of a function, and functional spaces. References and summaries in English and Russian are found at the end of most of the articles. No personalities are mentioned.

283	Maraschi, E.	On a Certain Lattice Power Series
284	Maraschi, E.	On Certain Theorems Concerning Irreducibility of Polynomials
285	Maraschi, E.	On a Certain Power Series
286	Maraschi, E.	On the Representation of Measures by a Function of an Elementary Form
287	Maraschi, E.	Some Properties of the Poisson Integral, Generalized by Means of the de la Fraigne Polygraph
288	Maraschi, E.	Almost Periodic Functions
289	Maraschi, E.	Operational Calculus in the Light of Present-Day Mathematical Trends
290	Maraschi, E.	On the Errors in Approximating a Function by the First Term of its Power Series
291	Maraschi, E.	On Perfectly Convergent Series in Certain Functional Spaces
292	Maraschi, E.	Reports From Scientific Sessions of the Polish Mathematical Society

STATELANDS: Library of Congress

End 3/3

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W/for/ma

BIERNACKI, MIECZYSLAW.

BIERNACKI, MIECZYSLAW. Geometria roznieskowa. (Wyd. 1.) Warszawa (Panstwowe Wydawn. Naukowe) (Biblioteka matematyczna, t. 8) (Differential geometry. 1st ed. diags., footnotes, index) p. 247.

Vol. 2, 1955

BIERNACKI, MIECZYSLAW
SCIENCE,
Poland

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

BIERNACKI, M.

The zeros of a polynomial. In French. p. 81.
(ANNLES MATHEMATICA. Vol. 9, no. 1, 1955, Lublin, Poland)

S0: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

BIERNACKI, M.

The characteristics of meromorphic functions in a circle. In French. p. 99.
(ANNLES MATHEMATICA. Vol. 9, no. 1, 1955. Lublin, Poland)

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

BIERNACKI, M.

Taylor's coefficients of single-valued functions. II. In French. p. 129.
(ANNLES MATHEMATICA. Vol. 9, no. 1, 1955, Lublin, Poland)

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

BIERNACKI, M., Krayz, J.

On the monotony of certain functions in the theory of analytic functions. In English. p. 135.

(ANNALES MATHEMATICA. Vol. 9, no. 1, 1955. Lublin, Poland)

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

BIERNACKI, M.

Taylor's coefficients of single-valued functions. in French. p. 5.
Vol. 4, no. 1, 1956 Warszawa

MATEMATKA

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

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On a Polynomial All of Whose Zeros Are Real

Blumacki, Mieczyslaw. Sur les polynomes dont tous les zeros sont reels. Ann. Univ. Mariae Curie-Skłodowska. Sect. A. 10 (1956), 61-75 (1958). (Polish and Russian summaries)

The author establishes the following two theorems.
I. Let a and b be consecutive zeros of a polynomial $f(x)$ possessing only real zeros and let ξ be the point in $a < x < b$ at which $f(x)$ has its extremum. Let $M = \max |f(x)|$, $a < x < b$, and let $0 < h < 1$. Then, if $b - \xi \geq \xi - a$ and $|f(\xi)| = hM$, $\xi < \beta < b$, then $(\beta - \xi)/(b - \xi) \leq (1 - h)^{1/2}$, with the equality holding only for second degree $f(x)$.

II. If, in addition, a is the smallest simple zero of $f(x)$ and $f(a) = f(\beta) = hM$, $a < \alpha < \beta < b$, then $\alpha + \beta \leq a + b$. If $f'(c) = 0$ for $a < c < b$, then $c \leq (a + b)/2$. The equalities hold only for second degree $f(x)$.

The proof of (I) is by choosing $\xi = 0$, introducing the parabola $y = q(x)$ with vertex at $(0, M)$ and through points $(\pm b, 0)$ and studying the function

$$y(x) = [f(x)(x+b)/q(x)(x-a)].$$

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$(\beta - a)/(b - a)$ derived by S. Paszkowski [Ann. Polon. Math. 5 (1958), 165-194] and to an inequality similar to that of Erdős and Grünwald [Ann. of Math. (2) 40 (1939), 537-548] for the area under curve $y = f(x)$ between $x = a$ and $x = b$.
M. Marden (Milwaukee, Wis.)

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BIERNACKI, Mieczysław

Biernacki, Mieczysław; and Krzyż, Jan. On the monotonicity of certain functionals in the theory of analytic functions. Ann. Univ. Mariae Curie-Skłodowska. Sect. A. 9 (1955), 135-147 (1957). (Polish and Russian summaries)

For a function $w=f(z)$ regular in $|z|\leq r$ let $L(r)$ be the length of the image of $|z|=r$, $S(r)$ the area of the image of $|z|\leq r$ with due count of multiplicity. The authors prove that $L^2(r)-4\pi S(r)$ increases strictly with r , unless $f(z)$ is bilinear. Further if $I_2(r, f)=(2\pi)^{-1}\int_0^{2\pi} |f(re^{i\theta})|^2 d\theta$, they show that $r^2 I_2(r, f)/I_2(r, f)$ increases strictly with r unless $f(z)$ reduces to az^n . They also conjecture that $L^2(r)/S(r)$ increases with r .

W. K. Hayman (London).

On the Mean Values and the Extrema of the Moduli of Analytic Functions

Biernacki, Mieczysław. Sur les moyennes et les
extrema des modules des fonctions analytiques. ⁶ Ann.
 Univ. Mariae Curie-Skłodowska. Sect. A. 10 (1956),
 127-136 (1958). (Polish and Russian summaries)

1-FW

This paper consists of two parts. In the first part the author proves that if $f(z)$ is regular in $|z| < R$, and for $|z_1| < R$, $|z_2| < R$ we always have

$$|f(z_2)| < \lambda^{2/(\lambda-1)} |f(z_1)|,$$

where $\lambda > 1$, then

$$\int_0^{2\pi} |f(re^{i\theta})|^\lambda d\theta / \int_0^{2\pi} |f(re^{i\theta})| d\theta$$

increases with r . He applies this to schlicht functions and their derivatives.

In the second part the author proves that if $M(r)$ denotes the maximum modulus of $f(z)$ and z_0 is a point where $M(r)$ is attained, then

$$|f''(z_0)| \geq \frac{M'(r)}{r} \left(r \frac{M'(r)}{M(r)} - 1 \right).$$

Here the right hand side is positive, except in certain cases indicated by the author. W. K. Hayman (London)

BIERNACKI, M.

On the theorem of Cauchy-Coursat. Bul Ac Pol mat 8 no.1:25-23 '60.
(EPAI 9:11)

1. Instytut Matematyczny, PAN. Presente par A.Mostowski.
(Functions)
(Topology)

BIERNACKI, M.

On the integral of univalent functions. Bul Ac Pol mat 8 no.1:29-34
'60. (KEAI 9:11)

(Integrals) (Functions)

POLAND / Virology. Human and Animal Viruses. Influenza Virus. E-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81228

Authors : Szczygieska, J.; Biernacki, M.; Pleszczynska, E.; Parnas, J.; Feltynowski, A.

Inst : Not given

Title : Attempts to Detect Interferences Between Pig Influenza Virus Strain G₁ and Human Influenza Virus.

Orig Pub : Med. doswiad. i. mikrobiol., 1956, 8, No. 3, 357-369.

Abstract : A study was conducted on whether pig influenza virus (strain G₁) exerted a retarding action on development of human influenza viruses (strains PR8 and Li) and, if positive, whether the virus G₁, avirulent to humans, can be utilized to obtain a vaccine against influenza viruses affecting humans. Virus G₁ isolated from piglets is pathogenic to white mice and causes the same disease in the lungs as do the influenza viruses PR8 and Li. Numerous passages through hen embryos did not change

Card 1/2

BIERNACKI, M.
SZCZYGLISKA, J.; PLESZCZYNSKA, M.; BIERNACKI, M.; PARNAS, J.; PINKIEWICZ, H.

Studies on the pathogenesis of experimental influenza in white mice.
Med. dozw. mikrob. 10 no.1:15-31 1958.

1. Z Katedry Mikrobiologii Lekarskiej A. M. w Lublinie Kierownik:
prof. dr J. Parnas.

(INFLUENZA, exper.

comparative pathogen. in mice after infect. with various
strains & by various routes (Pol))

MARKOWICZ, Josef; MATCZAK, Alicja; BRYKCYNSKA, Halina; GOLBA, Jan; SZCZYGLIJSKA, Jadviga; BIERNACKI, Marian

Epidemic focus of psittacosis in Szczecin. Polski tygod. lek. 14 no.9: 385-390 2 Mar 59.

1. Z Katedry Chorob Zakaźnych P.A.M. w Szczecinie; kierownik doc. dr med. Marek Eisner, z Katedry Mikrobiologii Lekarskiej A. M. w Lublinie, kierownik: prof. dr med. Jozef Parnas oraz z Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Szczecinie; dyrektor; dr Zbigniew Dworak. Adres: Josef Markowicz P.A.M. Klinika Chorob Zakaźnych Szczecin, ul Arkońska 4.

(ORNITHOSIS, epidemiol.
in Poland (Pol))

SECZYGIELSKA, Jadwiga; PINKIEWICZ, H.; BIERNACKI, Marian; PLESZCZYNSKA, Ewa

Studies on the pathogenesis of experimental influenza in white mice.
Communication II. Med.dogw.mikrob. 12 no.1:15-19 '60.

1. Z Katedry Mikrobiologii Lekarskiej A.M. w Lublinie. Kierownik:
prof.dr J. Parnas.
(INFLUENZA exper.)