

STACHOWIAK, H.

Some properties of distribution functions of electron-photon cascades at large absorber depth. Henryk Stachowiak (Polish Acad. Sci., Warsaw). *Acta Phys. Polon.* 15, 481-50 (1956) (in English).—By using a monochromatic primary energy spectrum it is shown that at large depth of absorber the no. of particles found in electron-photon cascades depends only on the spectrum of the primary photons. At large depths the no. of particles decreases rapidly as the energy of the particles increases. James R. Oliver

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STACHOWIAK, H.

Equations of potential and temperature for conductors in an external magnetic field. Bul Ac Pol mat 8 no.6:399-401 '60. (EEAI 10:6)

1. Low Temperature Laboratory, Wroclaw, Institute of Physics,
Polish Academy of Sciences. Presented by W.Rubinowicz.
(Electric conductors) (Magnetic fields)
(Electric potential)

STACHOWIAK, H.

A method of solution of potential and temperature equations for conductors in a magnetic field and the uniqueness problem. Bul Ac Pol mat 8 no.11/12: 773-775 '60

1. Institute of Physics (Wroclaw Branch), Polish Academy of Sciences.
Presented by W. Rubinowicz.

(Magnetism) (Electric conductors) (Equations)

89379

P/045/61/020/001/004/006
B108/B209

24. 2700 (1043, 1395, 1137, 1114)

AUTHOR: Stachowiak, H.TITLE: The equations for the potential and the temperature of
conductors in a magnetic field

PERIODICAL: Acta Physica Polonica, v. 20, no. 1, 1961, 67-75

TEXT: The present paper is a further development of two previous articles of the same author (Bull. Acad. Polon. Sci., Sér. sci. math., astr. et phys., 8, 399, 773 (1960)). The author uses the formalism of Callen (Phys. Rev., 73, 1349 (1948)) who worked out a theory of thermo- and galvanomagnetic effects. Callen's formalism is generalized to three dimensional space (see L. D. Landau and E. M. Lifshits, *Elektrodinamika sploshnykh sred.*, pp. 130-146, Moscow (1957)) since this is the easiest access to the equations of potential and of temperature. The latter for a non-ferromagnetic conductor in a magnetic field, phenomenologically, have the form

$$-\vec{J} = l_1 \nabla \mu + l_{12} \nabla T + l_{13} [\nabla \mu, \vec{B}] + l_{14} [\nabla T, \vec{B}], \quad (1a)$$

$$-\vec{S} = l_{12} \nabla \mu + l_2 \nabla T + l_{12} [\nabla \mu, \vec{B}] + l_{24} [\nabla T, \vec{B}], \quad (1b)$$

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The equations for the potential and the...

where \vec{J} denotes the electric current density, \vec{S} the entropy flux density, \vec{B} magnetic induction; $l_1, l_2, l_{12}, l_{13}, l_{14}, l_{24}$ the Onsager coefficients, μ the electrochemical potential. Effects of \vec{B} higher than of first order are neglected. Application of the steady conditions $\nabla \cdot \vec{J} = 0$ and $\nabla \cdot \vec{Q} = -\vec{J} \cdot \nabla \mu$ gives the equations of potential and temperature. \vec{Q} denotes the thermal flux density $\vec{Q} = T\vec{S}$. $\text{curl } \vec{B} = 0$ inside the conductor (current- \vec{B} interaction neglected). By neglecting the bilinear B-terms, if \vec{J} is proportional to B, the conclusion is reached that for an electrically insulated conductor the equations of potential and temperature do not depend on the external magnetic field. The equations assume the form of

$$l_1 \Delta \mu + l_{12} \Delta T + l_1' \nabla T \nabla \mu + l_{12}' (\nabla T)^2 = 0, \quad (6a)$$

$$l_{12} T \Delta \mu + l_2 T \Delta T + l_1 (\nabla \mu)^2 + [l_{12} + (l_{12} T)'] \nabla T \nabla \mu + (l_2 T)' (\nabla T)^2 = 0. \quad (6b)$$

The author uses the following boundary conditions: $T(\sigma) = f(\sigma)$ (7a) and $J_n = 0$ (7b), where σ denotes a point on the conductor surface, J_n - the normal component of \vec{J} on the surface. These boundary conditions depend on \vec{B} . When $B = 0$ then the solution of the Eq. (6) is a system of functions

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The equations for the potential and the...

 $\mu(\vec{r})$ and $T(\vec{r})$. If $T(\vec{r})$ is a given function, (6a) assumes the form

$$\Delta\mu + \sum_{i=1}^3 f_i(\vec{r}) \frac{\partial\mu}{\partial x_i} = e(\vec{r}) \quad (18)$$

with the boundary condition $\frac{\partial\mu}{\partial n} = h(\sigma)$ and μ is uniquely determined by therelation $\nabla\mu = -\frac{1_{12}}{1_1} \nabla T$ (20), except for an additional constant.Introducing (20) into (1a) with $B = 0$ shows that $\vec{J} = 0$. When a magnetic field is present, μ does no longer satisfy the boundary conditions. This quantity is therefore split up into two parts according to formula (27)which reads: $\nabla\mu = -\frac{1_{12}}{1_1} \nabla T + \nabla\varphi$. The detailed solution of the equations X

of the temperature and of the potential is not given, but will be brought in a subsequent paper. The author concludes that also when a magnetic

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field is present a unique solution (except for an additional constant in the potential ϕ) is obtained in the case of linear B-approximation. Calculation of the curl of the current shows that also in the case of an electrically insulated conductor a steady electric current may occur if the second derivatives of temperature do not vanish. In conclusion, the author thanks Professor R. S. Ingarden, Professor W. Rubinowicz, Professor J. Łopuszański, Professor B. Makiej, and M. R. Freud for their interest, help, and discussions. There are 9 references: 2 Soviet-bloc and 5 non-Soviet-bloc. ✓

ASSOCIATION: Institut de Physique de l'Académie Polonaise des Sciences, Wrocław (Physics Institute of the Polish Academy of Sciences, Wrocław)

SUBMITTED: July 19, 1960

Card 4/4

STACHOWIAK, H.

The solution of the equation of electric conductivity for a thin plate in an arbitrary magnetic field for a non-constant temperature distribution. Acta physica pol 20 no.9:753-763 '61.

1. Institute of Physics of the Polish Academy of Sciences, Low Temperature Laboratory, Wroclaw.

STACHOWIAK, H.

On the open electronic orbits in magnetic field for Fermi surface in the form of a net. Bul Ac Pol mat 10 no.7:409-414 '62.

1. Institute of Physics, Low Temperature Laboratory, Polish Academy of Sciences, Wroclaw. Presented by W.Rubinowicz.

STACHOWIAK, H.

On statistics of particles which cannot exchange their places.
Acta physica Pol 22 no.4:335-347 0 '62.

1. Low Temperature Laboratory, Polish Academy of Sciences,
Wroclaw.

STACHOWIAK, Henryk

A one dimensional gas of mutually impenetrable particles.
Matem fizyka astronom Wroclaw 3:93-102 '62.

STACHOWIAK, H.

Open electronic orbits in a magnetic field for the case of Fermi surfaces in the form of a net. Acta physica Pol 23 no.3:383-395
Mr '63.

1. Institute of Physics, Polish Academy of Sciences, Low Temperature Laboratory, Wrocław.

STACHOWIAK, H.

On the problem of the effective conductivity tensor of a polycrystalline mixture, in connection with the theory of metals in high magnetic fields. Acta physica Pol 24 no.5: 651-661 N°63.

1. Institute of Physics, Polish Academy of Sciences, Low Temperature Laboratory, Wroclaw.

STACHOWIAK, H.

Stochastic processes in polycrystalline mixtures and the problem of effective conductivity. Acta physica Pol 24 no.6:749-762 D '63.

1. Institute of Physics, Polish Academy of Sciences, Low Temperature Laboratory, Wroclaw.

STACHOWIAK, H.

Infinite agglomerations in a polycrystalline mixture: the three-crystal approximation for the three-dimensional model of the polycrystal. *Acta physica Pol* 25 no.2:211-221 F '64

1. Institute of Physics, Polish Academy of Sciences, Low Temperature Laboratory, Wroclaw.

L 18581-65 EWT(l)/EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP4049390

F/0045/64/026/002/0217/0228

AUTHOR: Stachowiak, H.

TITLE: On certain boundary problems in the theory of galvanomagnetic processes in strong magnetic fields

SOURCE: Acta physica Polonica, v. 26, no. 2, 1964, 217-228

TOPIC TAGS: effective conductivity tensor, galvanomagnetic theory, strong magnetic field, polycrystalline metal sample, spherical single crystal, open electron orbit, isotropic medium

ABSTRACT: The problem of finding effective conductivity tensors of polycrystalline metal samples immersed in a strong magnetic field was considered. Although a general theory of galvanomagnetic processes in strong magnetic fields exists and the conductivity tensors for the case of closed electron orbits and for that of open orbits are presented here, it is stated that the great differences between the tensors for different crystals make the usual approximation methods useless. Thus, the approach used in this paper is to deal

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with a spherical single crystal with open electron orbits immersed in an isotropic medium and to calculate the effect of this crystal on the flow of a current homogeneous at a large distance from the sphere. Continuity of the normal component of the electric field and continuity of the electric potential are taken as boundary conditions at the surface of the sphere. Expressions were derived for the electric potential within the sphere and outside it, with the assumption that the galvanomagnetic effects parallel to the magnetic field could be neglected. The boundary problem is solved in two parts -- the solution inside the sphere and that outside the sphere. This method is generalized to conductivity tensors (in the sphere σ^i and outside the sphere σ^e) of the form

$$\sigma^i = \begin{pmatrix} a' & \sigma'_{12} & -\sigma'_{31} \\ -\sigma'_{12} & c' & \sigma'_{23} \\ \sigma'_{31} & -\sigma'_{23} & c' \end{pmatrix}, \quad \sigma^e = \begin{pmatrix} a & \sigma_{12} & -\sigma_{31} \\ -\sigma_{12} & a & \sigma_{23} \\ \sigma_{31} & -\sigma_{23} & c \end{pmatrix}.$$

"The author thanks Prof. A. B. Pippard, F.R.S. for suggesting the subject of this investigation."

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L 18581-65

ACCESSION NR: AP4049390

3.

ASSOCIATION: Zaklad niskich temperatur, Instytut fizyki PAN,
Wroclaw (Low Temperature Laboratory, Institute of Physics, Polish
Academy of Sciences)

SUBMITTED: 17Mar64

ENCL: 00

SUB CODE: SS, EM

NO REF SOV: 003

OTHER: 003

Card 3/3

L 09188-67 EWP(j) RM
ACC NR: AP7002749

SOURCE CODE: PO/0046/66/011/005/0307/0317

AUTHOR: Wincel, Henryk--Vintsel', G.; Kecki, Zbigniew--Kentskiy, Z.; Stachowicz, Wacław--Stakhovich, V.; Mine, Stefan--Mints, S.

ORG: Department of Radiation Chemistry, Institute of Nuclear Research, Warsaw-Zeran

TITLE: Primary processes in radiation chemistry as studied by mass spectrometry. 36
VII. Mechanism of tetrahydronaphthalene radiolysis in liquid phase

SOURCE: Nukleonika, v. 11, no. 5, 1966, 307-317

TOPIC TAGS: radiation chemistry, mass spectrometry

ABSTRACT: The mechanism of 1, 2, 3, 4-tetrahydronaphthalene radiolysis in the liquid phase developed on the basis of the recognized elementary radiation-chemical processes is discussed. The calculated yields of molecular products formed as a result of individual elementary processes and their total yields were tabulated. The calculated results were critically compared with experimental data considering the gamma radiolysis of tetrahydronaphthalene. The authors thank Professor, Doctor M. Magat and Doctor J. Durup from the Laboratory of Physical Chemistry, Faculty of Sciences, Orsay, France, for helpful discussions on elementary processes. The authors also thank Mrs. D. Korutkowska and Mr. J. Pachelski for technical assistance. Orig. art. has: 1 figure, 20 formulas and 3 tables. [Orig. art. in Eng.] [NA]

SUB CODE: 07 / SUBM DATE: 29Dec65 / ORIG REF: 009 / OTH REF: 014

Card 1/1 nst

0925 1625

POWIERTOWSKI, Hieronim, doc. dr.; STACHOWSKI, Bronislaw

Clinical observations on the treatment of traumatic paralysis
of the cervical spine. Chir. narzad. ruchu ortop. Pol. 28 no.7:
823-831 '63

1. Z Kliniki Neurochirurgii Akademii Medycznej w Poznaniu
(Kierownik: doc. dr. H. Powiertowski).

SLIWA, Zdzislaw; KOZAL, Edmund; STACHOWSKI, Jan

Preliminary observation on the effect of feeding silage sugar-beet leaves or germinated barley to Polish Leszczyńska sheep, upgraded by Polish merino rams on the reduction of their fertility. Roczniki Wyz Szkola Rol Poznan no.12:115-122 '62.

1. Katedra Szczegolowej Hodowli Zwierzat, Wyzsza Szkola Rolnicza, Poznan.

STACHOWIAK, Kazimierz (Szczecin); TEMPCZYK, Marian (Warszawa)

The eleven-grade public school in Szczecin-Klucz; a building placed on a spot of very difficult geological conditions. Przegl budowl i bud mieszk 34 no.8:467-473 Ag '62.

LUDWICZAK, Rufina Stella; STACHOWIAK, Krystyna

Isolation of β -sitosterol from the horsetail weed *Equisetum arvense* L. *Rocz chemii* 37 no.5:575-579 1963.

1. Zaklad Chemii Organicznej i Biologicznej, Akademia Medyczna, Poznan.

STACHOWSKA, B.

Temperature changes and condensation during adiabatic expansions
of air saturated with vapor. In English. p. 5. ACTA PHYSICA POLONICA.
Warszawa. Vol. 15, No. 1, 1956.

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

STALHOVIANA E.

13

Prague, Československé nakl. 702 VII, 1953, April 61.
(Continued)

20. STASINA, P. ZDURKA, B. EMELTA of the Research Institute of Physical Culture, Section of 145-152. [English summary]

21. "Changes in the vital capacity in obese children during long-term hypoxia." I. JANKOVÁ of the Institute of Physical Culture and M. VÁZOVÁ of the Institute of Hygiene, Prague, p 152.

22. "An attempt at evaluating the muscular-temperature system of the foot by means of a special preliminary investigation." V. JILYKOVÁ of the Institute of Hygiene, Faculty of Medicine, Bratislava, pp 151-154. [English summary]

23. "Hygiene problems in the preparation of the Czechoslovak school system." V. JILYKOVÁ and D. ŠKRT of the Institute of Hygiene, Bratislava, pp 151-151. [English summary]

24. "Physical development of children in the primary schools of Gdansk, 1945-1950." G. JANKOVÁ of the Institute of Hygiene, Bratislava, pp 151-151. [English summary]

25. "Contribution to the problem and method of research of the functional development of the motor analyzer in work education on one of the methods of physical education." J. JANKOVÁ of the Institute of Hygiene, Bratislava, pp 151-151. [English summary]

26. "Effect of polysensory stimulation on the functional condition of the organism in students of a secondary school." J. JANKOVÁ of the Institute of Hygiene, Bratislava, pp 151-151. [English summary]

27. "Development of the Institute of Hygiene, Prague, p 172.

28. "Evaluation of the Effect of Productive Labor in the Construction Industry on the Physical Development of

STACHOWSKA, Maria

Psychological problems in the treatment of rheumatoid patients.
Chir. narzad. ruchu ortop. Pol. 28 no.7:705-708 '63

1. Z Kliniki Ortopedycznej Akademii Medycznej w Poznaniu (Kierownik: prof. dr. W. Dega).

BARCISZEWSKI, Marian; JANKOWSKI, Włodzimierz; STACHOWSKA, Zofia.

Sporadic cases of typhus. Przegl. epidem. 8 no.2:113-116 1954.

1. Z Wojewódzkiego Szpitala Zakaznego im. Tadeusza Browicza i z
Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Bydgoszczy.
(TYPHUS, epidemiology,
Poland)

LAWRZYNSKA, M. ABGAROWICZ, A.; STACHOWSKA, Z.: ZASUN, H.

Salmonella and Shigella bacteria in etiology of infantile diarrhea.
Pediat.polska 30 no.3:251-253 Mr '55.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Bydgoszczy
Dyrektor: dr med. M. Barciszewski; Bydgoszcz, Woj. Stacja, San.
Epid.

(SALMONELLA INFECTIONS, in infant and child
diarrhea

(SHIGELLA, infections
diarrhea in inf.)

(DIARRHEA, bacteriology
Salmonella & Schigella bact. in etiol. in inf.)

WENCEL, Tadeusz; STACHOWSKI, Bronislaw .

Cerebral hemisphere ependymoma outgrowing the frontal bone
in an 11-year-old child. Neurol. neurochir. psychiat. pol.
13 no.1:127-131 '63.

1. Z Kliniki Neurochirurgii AM w Poznaniu Kierownik: z. prof.
dr H. Powiertowski.

(EPENDYMOMA) (BRAIN NEOPLASMS)

STACHOWSKI, Bronislaw- WENCEL, Tadeusz

A case of reticular angioma with a rare localization in a cerebral hemisphere of a 10-year-old boy. Neurol. neurochir. psychiat. pol. 13 no.1:133-136 '63.

1. Z Kliniki Neurochirurgii AM w Poznaniu Kierownik: z. prof. dr H. Powiertowski.

(BRAIN NEOPLASMS) (HEMANGIOMA)

Country : Poland H-28
Category : Chemical Technology. Chemical Products and Their Applications. -- Food Industry.
Abs. Jour. : R. Zh. - Khim., No. 11, 1959 40455
Author : Stachowski, J.
Institut. : Not given
Title : The Addition of Fish Flour to Bakery Products

Orig Pub. : Gospod Rybna, 10, No 7, 19-22 (1958)

Abstract : Investigations on cod flour, obtained by the grinding of the dried ground mass, have confirmed the practicability of the addition of cod flour to bakery products for the purpose of increasing their food value. The author recommends the addition of cod flour to the extent of 2-3% and 6-7% to flour of 60 and 82% fineness, respectively.
Z. Fabinskiy

Card: 1/1

STACHULA, Mirosław

Resistance of rigid polyvinyl chloride tubes against internal pressure of water. Polimery 7 no.1:8-12 '62.

1. Instytut Tworzyw Sztucznych, Zakład Ocen i Pomiarów, Warszawa

~~STACHULA, Miron~~ WISNIEWSKI, Tadeusz

Tubes from hard polyvinyl chloride for water system installations.
Polimery tworzyw wielk 7 no.7/8:271-275 JI-Ag '62.

1. Instytut Tworzyw Sztucznych, Zakład Ocen i Pomiarów, Warszawa.

STACHULA, Mirosław

Loads and types of closure for specimens of polyvinyl chloride tubes. Polimery tworzyw wielk 7 no.10:360-364 0 '62.

1. Instytut Tworzyw Sztucznych, Warszawa.

FRANZ, Tdzislaw; HILMER, Jan; STACHURA, Aleksander

Primary staphylococcal pneumonia in adults. Pol. tyg. lek. 19 no.16:
601-603 13 Ap '64.

1. Z Oddziału Chorob Wewnętrznych Szpitala Miejskiego nr 2 w Myslo-
wicach (ordynator: dr. med. Z. Franz).

STACHURA, Bogusław

Engineers and technicians and the economic development of the Kielce region. Przegl techn no.52:5,7 30 D '62.

1. Sekretarz Komitetu Wojewodzkiego Polskiego Zjednoczonej Partii Robotniczej, Kielce.

SZCZEPKOWSKI, Tadeusz; ZEBRO, Tadeusz; STACHURA, Jerzy

Studies on chemical protection against ionizing radiation.
I. Studies on the toxicity of sodium cysteinethiosulphonate
for C57 black mice. Acta med. Pol. 4 no.3:305-312 '63.

1. Department of Physiological Chemistry, Medical Academy,
Cracow, Director: Prof. Dr. B. Skarzynski. Department of
Pathological Anatomy, Medical Academy, Cracow, Director: Prof.
Dr. J. Kowalczykowa.

(RADIATION-PROTECTIVE AGENTS)
(SULFHYDRYL COMPOUNDS)
(RADIATION INJURY, EXPERIMENTAL)
(SULFONIC ACIDS) (CYSTEINE)

ACCESSION NR: AP4041176

P/0055/64/005/002/0235/0245

AUTHOR: Szczepkowski, Tadeusz; Zebro, Tadeusz; Stachura, Jerzy

TITLE: Studies of chemical protection from ionizing radiation. II. Protective action of sodium cysteinethiosulfate (CTS)

SOURCE: Acta medica polona, v. 5, no. 2, 1964, 235-245

TOPIC TAGS: radiation chemistry, ionizing radiation, chemical protection, sodium cysteinethiosulfate

ABSTRACT: The mechanism of the protective action of sulfur compounds was studied through experiments with sodium cysteinethiosulfate (CTS) labelled with radioactive S^{35} . Mice of the C57 black strain and white mice were irradiated with x-rays at 120 kv and 15 mamp, using a 2-mm Al filter. Yields ranged from 40 to 62 r/min, time of irradiation from 8.2 to 17.5 minutes, and target distance was 32 cm. Radiation doses were 850, 750, and 520 r and CTS doses were 2.5, 5, and 10 mg per 10 g body weight injected intraperitoneally. The mean survival time of mice which received CTS was 5.9 days while that of the control group was 3.3 days. It was concluded that CTS adminis-

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ACCESSION NR: AP4041176

tered to mice before irradiation had a protective action; after irradiation with 700 r, 30% of the mice survived for 30 days. Most effective protection was achieved with administration of CTS 3 to 8 minutes before irradiation, the protective effect disappearing when the interval was increased to one-half hour before irradiation. Lethally toxic doses of CTS are 5 to 8 times greater than doses providing protective action. The protective action of CTS was found to depend on formation of disulfide compounds with blood serum proteins. The compound can penetrate into cells. Orig. art. has: 4 figures.

ASSOCIATION: Department of Physiological Chemistry, Medical Academy, Cracow; Department of Pathological Anatomy, Medical Academy, Cracow

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SUB CODE: CB

NO REF SOV: 003

OTHER: 017

Card 2/2

ZEBRO, Tadeusz; STACHURA, Jerzy; PROCHNICKA, Barbara; SZCZEPKOWSKI, Tadeusz

Studies on chemical protection from ionizing radiation. Pt. 3.
Acta med. Pol. 6 no.2:155-169 '65.

1. Department of Pathological Anatomy, Medical Academy, Cracow
(Director: Prof. Dr. J. Kowalczykova), and Department of Physio-
logical Chemistry, Medical Academy, Cracow (Director: Prof. Dr.
Wlodzimierz Ostrowski).

ZEBNO, Tadeusz; JONASE, Elzbieta; SZCZEPKOWSKI, Tadeusz; STACHURA, Jerzy;
NIEWABITOWSKI, Aleksander

Studies on chemical protection from ionizing radiation. Pt. 4.
Acta med. Pol. 6 no.2:171-177 '65.

1. Department of Pathological Anatomy, Medical Academy, Cracow
(Director: Prof. Dr. J. Kowalczykova); Department of Physiological
Chemistry, Medical Academy, Cracow (Director: Assoc. Prof.
Dr. W. Ostrowski), and The Radiological Clinic, Medical Academy,
Cracow (Director: Prof. Dr. St. Januszkiewicz).

DEPOWSKI, Marian; STACHURA, Jerzy

Adenocarcinoma acinosum (acinic cell adenocarcinoma) of the
salivary glands. Pat. Pol. 16 no.1:81-87 Ja-Mr'65.

1. Z Zakładu Anatomii Patologicznej Akademii Medycznej w
Krakowie (Kierownik: prof. dr. med. J. Kowalczykowa).

STACHURA, Jerzy: *in situ*;

ultrastructure of leukemia in the autopsy material. Pol. tyg.
1-2, 20 no.16:550-553 19 Ap 195.

I. Z Zakładu Anatomii Patologicznej AM w Krakowie (Kierownik:
prof. dr. Janina Kowalczykowa).

STACHURA, Stefan

Labor organization in painting of steel construction buildings.
Przeł kolej drog:Suppl.:Dodatek dla torom majst mostown 14
no.4:80-87 Ap '62.

STACHURA, W.

Methods of synthesizing p-nitrophenetole from- p-nitrobenzene. p. 630

Vol. 11, no. 11, Nov. 1955

PRZEMYSŁ CHEMICZNY. Warszawa

SOURCE: East European Accessions List EEAL), LC, Vol. 5, no. 3, March 1956

STACHURSKA, Anna; SADOWSKA, Anna

A few remarks concerning the production of durable comparative preparations from pollen and spores of contemporary plants. Wiadom botan 6 no.3:257-260 '62.

1. Zaklad Paleobotaniki, Uniwersytet, Wroclaw.

SOLANO

WISER, M. W. OSTROWSKI and E. STACHURSKA; Department of
Physiological Chemistry (Zaklad Chemii Fizjologii),
AM (Akademia Medycyna - Medical School) of Krakow.

"Influence of Vitamin B-12 and its Coenzyme on the Incorporation in vivo of Amino Acids into Tissue Proteins in Rats"

Warsaw, Bulletin de l'Academie Polonaise des Sciences: Serie des Sciences Biologiques, Vol 11, No 1
1967, pp 13-17.

Abstract: [Bibliography article] The results of experiments on the influence of Vitamin B-12 and its coenzyme on the incorporation of amino acids into the proteins of organ tissues in rats (liver, pancreas, diaphragmatic muscle) in vivo are reported. 2 diagrams; 23 references, mostly Western.

11/1

RECK, Julitta; STACHURSKA, Irena

Diagnostic difficulties in cases of smallpox during the Wroclaw epidemic in 1963. Wiad. lek. 18 no.7:557-563 1 Ap '65

1. Ze Szpitala Obserwacyjnego na Psim Polu we Wroclawiu (Kierownik: lek. med. J. Reck) i ze Szpitala Chorob Zakaznych we Wroclawiu (Dyrektor: lek. med. J. Cywicki).

NIEWIAROWSKI, S.; KOWALSKI, E.; STACHURSKA, J.

Influence of fibrinogen derived antithrombin (antithrombin VI) on the blood coagulation system. Acta biochim. polon 6 no.1:43-53 1959.

1. Pracownia Biochemii Klinicznej, Instytut Hematologii, Warszawa
Kierownik pracowni: doc. dr E. Kowalski.

(THROMBIN,

antithrombin VI, eff. on blood coagulation)

NIEWIAROWSKI, Stefan; KOWALSKI, Edward; STACHURSKA, Jolanta

Effect of a recently discovered anticoagulant antithrombin VI
on blood coagulation. Preliminary communication. Polskie arch.
med. wewn. 29 no. 4:459-460 1959

1. Z Pracowni Biochemii Klinicznej Kierownik: doc. dr med. E.
Kowalski Instytutu Hematologii w Warszawie Dyrektor: doc. dr med.
A. Trojanowski.

(ANTICOAGULANTS, pharmacol.)

PAZUR, Jacek; SZPILGAN, Halina; SPACHURSKA, Eolanta

Blood clotting and the fibrinolytic system in pneumatic patients. I. Platelet count and in vivo disorders of adhesiveness. Reumatologia (Warsz) 3 no.1:1-5 '65.

1. Z Oddziału II Chorob Wewnętrznych (Kierownik: doc. dr. med. M. Kopeć) i z Zakładu Biochemii (Kierownik: dr. I. Niedzwiecka-Mamysłowska; Konsultant naukowy: prof. dr. med. E. Kowalski) oraz Instytutu Reumatologicznego w Warszawie (Dyrektor: dr. med. W. Bruhl).

BORKOWSKI, Marian T.; STACHURSKA, Jolanta; LISICKA, Danuta; KOPEC, Maria

Glanzmann's thrombasthenia. Pol. arch. med. wewnet. 35 no.6:
891-896 '65.

1. Z II Kliniki Pediatricznej AM w Warszawie (Kierownik: prof. dr. med. T. Lewenfisz-Wojnarowska) oraz z Zakladu Biochemii Instytutu Reumatologii (Kierownik: dr. I. Niedzwiecka-Namyslowska) i z Oddzialu Wewnetrznego II Instytutu Reumatologii (Kierownik: doc. dr. med. M. Kopec; Konsultant naukowy Zakladow prof. dr. med. E. Kowalski).

STACHURSKA, WIESLAWA

GROTT, Jozef Wacław; STACHURSKA, Wiesława.

Lipases in blood serum of healthy persons. Polski tygod. lek. 10 no.35:
1137-1140 29 Aug 55.

1. X I Kliniki Chorob Wewnętrznych A.M. w Łodzi; kierownik: prof.
dr. J.W.Grott. Łódź, Narutowicza 120 m. 6; dr. W.Torzecka, Łódź,
ul. Pokładowa 49.

(LIPASES, determination
in blood of healthy persons)

(BLOOD
lipases determ. in healthy persons)

GROTT, Jozef Wacław; STACHURSKA-TORZECKA, Wiesława

Diagnostic value of serum lipase in pancreatic diseases.
Polski tygod. lek. 10 no.36:1169-1173 5 Sept 55.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi: Kierownik:
prof. Dr. J. W. Grott. Adresy autrow prof. J. W. Grott: Łódź,
Narutowicza 120 m. 6; W. Stachurska-Torzecka, Łódź, Pokładowa
49.

(PANCREAS, diseases,
blood lipase in, diag. value)
(BLOOD,
lipase, in pancreatic dis., diag. value)
(LIPASES, in blood,
in pancreas dis., diag. value.)

STACHURSKI, Cz., mgr inż.

Conferences of designers of automatic control in the
chemical industry. Przegl techn 85 no. 27:10 5 J1
'64.

STACHURSKI, J.

Dressing of cerussite by flotation. p.73

RUDY I METALE NIEŻELAZNE. (Wydawnictwo Gorinczo-Hutnicze)
Katowice, Poland. Vol.3, no.3, July/Sept.1958

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

P/014/61/040/003/004/005
A221/A126

AUTHORS: Biernat, Janusz; Głowacz, Kazimierz; Łoziński, Jan; Pilch, Władysław and Stachurski, Józef

TITLE: Production of commercial concentrates of zircon, ilmenite and monazite from indigenous sea sands

PERIODICAL: Przemysł Chemiczny, no. 3, 1961, 149-150

TEXT: In this article a method is described by which zircon, ilmenite and monazite concentrates can be obtained from sea sands. For several years the Instytut Metali Lekkich (Light Metals Institute) carried out investigations in that direction but without success. The authors managed to develop the method by which a product of standard purity can be obtained. The final zircon concentrate is obtained by separating same from rutile by means of flotation. Before floating the mixture of zircon and rutile grains must be specially treated with 0.4% solution of fatty acid salts at 95°C. By doing so selective adsorption takes place and fatty acid anions are adsorbed by zircon

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Production of commercial ...

P/014/61/040/003/004/005
A221/A126

grains. After this treatment the grains are washed first in water and afterwards with diluted sulfuric acid. Fatty acids adsorbed are now converted into fatty acids hard to solve. Fatty acids are not wetted by water, therefore zircon grains are becoming hydrophobic. From the mixture so prepared, titano-magnetite, ilmenite and garnet are removed by magnets and the remaining grains diverted into flotation chamber. Before flotation this mixture contained about 70% zircon, 14% rutile and 14% of other opaque minerals. After flotation the concentration of zircon is increased to 97% with 87% efficiency. Obtaining ilmenite concentrate. From the sea sands treated with magnetic enrichment, a mixture of ilmenite and titano-magnetite was obtained. This mixture was roasted in CO atmosphere at 700°C. The product of this treatment was subjected to another magnetic enrichment from which two products were obtained: The titano-magnetite and ilmenite with 50.25% of TiO₂. Monazite separation: In sea sand samples 0.1% of monazite was detected. In the concentrate obtained there were 90.97% of monazite, 1.5% zircon, 0.9% of garnets and 6.63% of opaque minerals. (Abstractor's note: No details of monazite extraction are given.) The authors conclude: Polish sea

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A contribution to error determination of metal recovery functions.
Rudy i metale 6 no.6:265-266 Je '61.

STACHURSKI, Jozef, mgr., inz.

The influence of gangue grain characteristics on the galena flotation process. Rudy i metale 6 no.12:530-533 D '61.

STACHURSKI, Jozef, inz.

Minature steering devices. Wiad elektrotechn 28 no.9:275-276
S '61.

1. Zarzad Przedsiębiorstw Robot Elektrycznych, Warszawa.

STACHURSKI, Jozef, inz.

Miniature controllers. Wiad elektrotechn 28 no.9:275-276
S '61.

1. Zarzad Przedsiębiorstw Robot Elektrycznych, Warszawa.

STACHURSKI, Jozef

Influence of certain assumed characteristics on the flotation course in time. Zesz probl gorn 1 no. 2: 216-253 '64.

1. Laboratory of Mechanical Processing of Mined Minerals,
School of Mining and Metallurgy Krakow.

STACHURSKI, Justyn

V4787. FRICTION TESTS OF KOPPE WINDING ROPES, Kwocki, Z. and
FU Stachurski, J. (Przegl. techn. (Min. Rozw., Stalinogród), 1953, vol. 9, (7/8),
202; ~~ROZPR.~~ in Gallery ~~Magaz.~~, Feb. 1956, vol. 33, 79).

①

STACHURSKI, Justyn, mgr.,inz.

Technical progress in the production of fireproof articles as an indispensable condition for the development of iron and steel metallurgy. Przegl techn 31 no.18:24-26 '60.

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Automatic signaling at crossings on the territory of the
Lublin District Administration of State Railroads. Przegl
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STACHURSKI, Stefan, mgr inz.

Automatic crossing signaling type SP-COB-58B with short insulated sections. Przegl kolej elektrotech 11 [i.e. 16] no.2:58-62 F '64.

STACHURSKI, W.

"Akerman's nomogram of ceilings." p. 331. (INZNIERIA I BUDOWNICTWO
Vol. 11, No. 11, Nov. 1955. Warszawa, Poland)

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

STACHURSKI, W.

Prefabricated rotary circular roofs. p. 165.

(INZYNIERIA I BUDOWNICTWO, Vol. 14, No. 4, Apr. 1957, Warszawa, Poland.)

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

STACHURSKI, W.

A comic shell based on a rigid structure as a constituent part of a reservoir, p. 149.

INZYNIERIA I BUDOWNICTWO. (Naczelna Organizacja Techniczna i Polski Związek Inżynierów i Techników Budowlanych) Warszawa, Poland.
Vol. 16, No. 4, Apr 1959

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Testing ferroconcrete piles composed of two folded plates. Inz
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1. Katedra Konstrukcji Żelbetowych, Wydział Inżynierii
Budowlanej, Politechnika, Warszawa.

STACHURSKI, Wieslaw, dr inż.

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20 no.2:Suppl.:Maly poradnik konstruktora 4 no.2:5-10 P '63.

SUWALSKI, Ludmir, prof. dr; DABROWSKI, Kazimierz, dr inz.; STACHURSKI,
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Jl '64.

i. Technical University, Warsaw.

STACHURSKI, Wieslaw, dr inz.

Cantilever reinforced slab balconies. Inz i bud 20 no15:
167-170 My '63.

1. Politechnika, Warszawa.

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p. 1285 (Roczniki Chemii) Vol. 30, no. 4, 1956
Warsaw, Poland

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

STEPANEK, I.; ANDRASINA, J.; STACHY, A.; ROZDOBUDKOVA, V.; MATTOVA, M.

Effect of fibrinolytic preparations isolated from the human blood plasma on experimental chronic wounds in rabbits.
Bratisl. lek. listy 45 no.9:539-542 15 N '65.

1. Ustav ser a ockovacich latok v Prahe (riaditel MUDr. J. Malek)
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"Control in the socialist forest economy." p.4. (IAS POLSKI. Vol. 26, No. 3, Mar. 1952)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

Stachy, J.

The utilization of water power. Pt. 1 General principles of the utilization of water power in electric-power engineering. p.3

Gazeta Obserwatora. P.I.H.M. Vol. 10, no. 3, March 1957. Warszawa, Poland)

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

Stachy, J.

The utilization of water power Pt.2 Water power electric plants. p.3.

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SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

Stachy, J.

The utilization of water power. Pt. 4. Water as a source of power in Poland. p.5.

(Gazeta Obserwators. P.I.R.M. Vol. 10, no. 6, June 1957. Warszawa, Poland)

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

STACHY, Juliusz

Remarks on Lambor and Ostromecki's evaporation and retention
calculation methods. Przegl geofiz 6 no.3:121-129 '61.

1. Panstwowy Instytut Hydrologiczno-Meteorologiczny, Warszawa.

STACHY, Juliusz, mgr inż.

Introduction of the calculative method of computing flow discharge measurements. Gosp wodna 23 no.2:87 F '63.

1. Zakład Wod Płynących, Państwowy Instytut Hydrologiczno-Meteorologiczny, Warszawa.

STACHY, Juliusz, mgr inż.

Experimental hydrologic studies in the U.S.S.R. Gosp wodna 23 no.3:
117-120 Mr '63.

1. Państwowy Instytut Hydrologiczno-Meteorologiczny, Warszawa.

STEPHAN, Wanda, inż.; STACHY, Juliusz, mgr inż.

Relief as a parameter of the function of the effluent. Gosp
wodna 23 no.7:277 JI '63.

1. Zakłady Roczników i Monografii Hydrologicznych oraz Wod
Płynących, Państwowy Instytut Hydrologiczno-Meteorologiczny,
Warszawa.

STACHY, Juliusz, mgr inz.

Activities of the State Institute of Hydrology and Meteorology
for studies on the falling tide conditions in Poland. Gosp
wodna 23 no. 8/9:357 Ag-S '63.

1. Department of Flowing Waters, State Institute of Hydrology
and Meteorology, Warsaw.

STACHY, Juliusz, dr inz.

Distribution of the average ebb on Poland's territories. Gosp
wodna 24 no. 7:243-248 J1 '64.

1. State Institute of Hydrology and Meteorology, Warsaw.

STACHY, Juliusz

Registration of completed scientific and scientific research
works. Przegl techn 85 no. 42:3 18 0 '64.

STACHY, Juliusz, dr inż.

Remarks on the preparation of hydrological bases for
construction designs. Gosp wodna 24 no.11:437-438 N '64.

1. Department of Water Discharge, State Institute of Hydrology
and Meteorology, Warsaw.

FAPROWICZOWA; Biruta; STACHYRA, Euzebiusz

Periarteritis nodosa in a patient with pulmonary tuberculosis.
Gruzlica 30 no.11:1051-1054 '62.

1. Z Kliniki Ftizjatrycznej PAM w Szczecinie Kierownik: prof. dr
med. Z. Garnuszewski i z Zakładu Anatomii Patologicznej Wojewodzkiego
Szpitala Zakaznego w Szczecinie Kierownik: doc. dr med. K. Dominiczak.
(TUBERCULOSIS PULMONARY) (PERIARTERITIS NODOSA)

STACHYRA, T.

STACHYRA, T. Szkodniki przechowalni ziol, suszonych warzyw i owocow.
Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1951. 15 p. (Pests in
the storage of herbs, dried vegetables, and fruits) DA Not in DLC

AGRICULTURE
Poland

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

Plant Diseases. General Problems. 0
ABS. JOUR.: Ref Zhur-Biologiya, No. 5, 1959, No. 20595
AUTHOR : Kochman, Jozef; Stachyra, T.
INST. : Not given
TITLE : Data on Virus Diseases of Plants in Poland

ORIG. PUB.: Roczn. nauk rolniczych, 1957, A77, No.2, 297-325.

ABSTRACT : There are 105 virus diseases of agricultural crops described which are caused by 55 species of viruses, 11 of which are new to science.

REF: 1/1

KOCHMAN, Jozef; STACHYRA, Tadeusz

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Rocz nauk roln rosl 81 no.2:287-301 '60. (EEAI 9:11)

1. Zaklad Fitopatologii Szkoły Glownej Gospodarstwa Wiejskiego.
(Poland--Viruses)

RUMANIA

ROTENSTEIN, B.; DRAGAN, N.; STACIU, L.; HUBERT, H.

(None)

Bucharest, Studii si Cercetari de Metalurgie, No 2, 1963,
pp 111-130

"The Influence of Boron On the Isothermal Decomposition
of Austenite In 40C10 Steel."

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STACKELBERG, von M.

CZECHOSLOVAKIA

WOLFF, G., STACKELBERG, von M.

Institute for Physical Chemistry, Federal Republic of Germany
(Institut für Physikalische Chemie, Universität Bonn, Bundes-
republik Deutschland), University of Bonn - (for both)

Prague, Collection of Czechoslovak Chemical Communications,
No 12, December 1965, pp 3989-3996

"Investigation of the mechanism of spontaneous emulsification
of mercury."
(Dedicated to the 75th birthday of Academician J. Heyrovsky.)

L 47195-66

ACC NR: AP6022444 (A) SOURCE CODE: CZ/0078/36/000/003/0024/0024

AUTHOR: Jelinek, Milan (Engineer; Dubnica nad Vahom); Stacko, Jan
(Engineer; Trencin)

54
B

ORG: none

TITLE: Ammonium⁷ nitrate-base solid propellant¹¹ for small rocket motors.
CZ Pat. No. PV 941-65, Class 46

SOURCE: Vynalezky, no. 3, 1966, 24

TOPIC TAGS: solid propellant, nitrate, alkali metal, toluene, cyanamide

ABSTRACT: An Author Certificate has been issued for an ammonium nitrate-base solid propellant for small low-pressure rocket motors. The propellant manufactured in tableted form, contains 55—75% ammonium nitrate,¹¹ 10—20% trinitrotoluene, 2—6% dichromates or alkali metal chromates, ammonium dichromate, barium or lead chromate, 5—20% dicyandiamide, and 3—8% [carbon] black. [Translation] [KP]

SUB CODE: 16, 21/ SUBM DATE: 12Feb65/

Card 1/1

STADCHENKO-SHER, N.A.

Some data on the state of capillary permeability to proteins in myocardial infarct. Terap.arkh. 31 no.10:21-25 0 '59.

(MIRA 13:3)

1. Iz fakul'tetskoy terapevticheskoy kliniki (direktor - prof. M.I. Zolotova-Kostomarova) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(MYOCARDIAL INFARCT blood)

(CAPILLARY PERMEABILITY)

(BLOOD PROTEINS)

STADCHENKO-SHER, N. A., Cand. Medic. Sci. (diss) "Condition of Permeability of Blood Capillaries for Protein in case of Infarcts of Myocardium Owing to Thrombosis and Various Forms of Chronic Coronary Deficiencies," Moscow, 1961, 18 pp. (Acad. Med. Sci. USSE) (KL Supp 12-61, 289).