

SZKILLADZIOWA, W.

Studies on the nutritive value of the potato with consideration of its importance in nourishing Poland's population. Pt.1. Roczn panst zakl hig 15 no.2:201-211 '64.

1. Food and Nutrition Institute, Warsaw. Head: [prof. dr] A.Szczygiel.

SZKILLADZICWA, W.

Studies on the nutritive value of the potato with consideration of its importance in nourishing Poland's population. Pt.2. Roczn panst zakl hig 15 no.3:237-246 '64.

1. Food and Nutrition Institute, Warsaw. Head: [prof. dr]
A. Szczygiel.

SZKLANNY, Wladyslaw, mgr inz.

Soviet-made high-efficiency and very high-efficiency xenon arc lamps. Wiad elektrotechn 31 no.11:260-262 N'63.

Development trends in the production of low capacity transformers. 269-270, 271

SZKLARCYZK, W.

TECHNOLOGY

PERIODICAL: NAFTA, Vol. 15, no. 1, Jan. 1959.

SZKLARCZK, W. Economic principles of the policy of choosing a site for new oil refineries. p. 13.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4
April 1959, Unclass.

SZKLARCZYK, Wiktor, mgr.

Problems of the organizatory structure of the Mazowsze Refining
and Petrochemical Plants in Plock. Nafta Pol 17 no.11:312-316 '61.

1. ~~Biura~~ Projektowe Przemyslu Naftowego, Krakow.

SZKLARCZYK, Wiktor, mgr.

The problem of mechanization or automation of the accounting work in the Mazowieckie Refining and Petrochemical Works in Plock. Nafta Pol 18 no.8:224-228 Ag '62.

1. Biuro Projektowe Przemyslu Naftowego, Krakow.

~~SZKLARCZYK, Wiktor~~, mgr; DYNDOWICZ, Wanda, mgr

Problem of the size of plant in the world oil refining industry.
Nafta Pol 19 no.9:218-221 S '63.

BIRECKA, H.; SZKLAREK, D.; MAZAN, A.

Alkaloid synthesis in derooted white lupine plants. *Bul Ac Pol biol*
8 no.5:167-173 '60. (EEAI 9:11)

1. Department of Plant Physiology College of Agriculture, Warsaw
and Laboratory of Plant Physiology Institute of Soil Management
and Fertilization, Warsaw. Presented by J.Heller.
(LUPINES) (ALKALOIDS)

BOROWICZOWA, Krystyna; SZKLARSKA, Romualda

A case of toxoplasmosis in a newborn infant from triple pregnancy.
Polski tygod. lek. 15 no.25:963-964 20 Je '60.

1. Z Zakładu Anatomii Patologicznej; kierownik: dr K. Borowiczowa,
z Laboratorium Chemiczno-Bakteriologicznego; kierownik: dr W. Solecka
i z Kliniki Poloznictwa i Chorob Kobiety; kierownik; prof. dr
med. J. Lesinski; z Instytutu Matki i Dziecka w Warszawie; dyrektor:
prof. dr med. F. Groer.

(TRIPLETS)

(INFANT NEWBORN dis)

(TOXOPLASMOSIS in inf & child)

SZKLARSKA, Romualda; BOROWICZ, Krystyna; DZIECIATKOWSKA, Wanda

Problems concerning the epidemiology and diagnosis of toxoplasmosis
in obstetric cases. Gin.polska 32 no.1:77-87 Ja-F '61.

1. Z Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr med.
F.Groer Kliniki Poloznictwa i Chorob Kobietych Kierownik: prof.
dr med. J. Lesinski.

(PREGNANCY compl) (TOXOPLASMOSIS in pregn)
(ABNORMALITIES etiol)

ROGOYSKI, Antoni; SZKLARSKA, Romualda

Suppurative dermatitis in newborn infants. Gin.polska 32 no.6:
703-707 '61.

1. Z Kliniki Poloznictwa i Chorob Kopiczych Kierownik: prof. dr
J.Lesinski Z Instytutu Matki i Dziecka w Warszawie Dyrektor: prof.
dr F.Groer. (INFANT NEWBORN dis) (PYODERMA in inf & child)

BOROWICZ, Krystyna; SZKLAŃSKA-CYGANŃSKA, Romaulda

Morphological picture of experimental toxoplasmosis in white mice.
Med. dosw. mikrob. 14 no.2:151-158 '62.

1. Z Instytutu Matki i Dziecka w Warszawie.
(TOXOPLASMOSIS exper)

BRZOWSKA, Irena; SZKLARSKA-CYGANSKA, Romualda

Prevention of suppurative conjunctivitis in newborn infants.
Ginek. Pol. 36 no.9:993-998 S '65.

1. Z Kliniki Chorob Kobięcych i Położnictwa Instytutu Matki i
Dziecka w Warszawie (Kierownik: prof. dr. med. J. Lesinski).

SZKLARSKA, Z.

5065. STRUCTURE OF COAL AND COKE. Szklarska, Z. (Prace Glow. Inst. Met. (Proc. Chief Inst. Met.), 1961, vol. 3, (20), 161-172).

Latest publications dealing with the above are reviewed. X-ray studies are described in detail. Colloidal properties of coal and its petrographic classification are briefly mentioned. The second part deals with coke formation processes as controlled by means of heat of wetting and electrical conductivity measurements and X-ray studies. Graphs and tables. B.L.R.

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SZKLARSKA, Zofia; RESZKE, Halina

Case of variation of the clinical picture in latent focus of infection. Polski tygod. lek. 9 no.13:401-402 29 Mar 54.

1. Z I oddzialu wewnetrznego Szpitala Miejskeigo Nr 4, ordynator dr med. W.Kosinski.

(CHOLECYSTITIS,

latent, in mitral dis. & circ. failure, autopsy)

(CARDIOVASCULAR DISEASES, complications,

cholecystitis with empyema, latent, in mitral dis. & circ. failure, autopsy)

(METRAL VALVE, diseases,

with latent cholecystitis & empyema, autopsy)

SZKLARSKA, Z.

KOSINSKI, Wladyslaw; SZKLARSKA, Zofia; MASSAISKI, Wandalin; PIOTROWSKI, Andrzej

Congenital communication between the aorta and the pulmonary artery diagnosed during life in a 32-year-old woman as patent ductus arteriosus. Polski tygod. lek. 12 no.42:1617-1619 21 Oct 57.

1. Z I Oddz. Chorob Wewn. Szpitala Miejskiego nr 4 w Warszawie; Ordynator: dr Wl. Kosinski, z Zakladu Chorob Wewn. I. D. i S. K. L.; kierownik: prof. dr W. Harwig i z Zakladu Anat.-Patol. Instytutu Gruzlicy; kierownik: prof. dr. A. Chodkowska. Adres: Warszawa, ul. Wilenska 29 m 2.

(DUCTUS, ARTERIOSUS, PATENT, differential diagnosis, communication between aorta & pulm. artery, in adult (Pol))
(CARDIOVASCULAR DEFECTS, CONGENITAL, differential diagnosis, communication between aorta & pulm. artery, from patent ductus arteriosus, in adult (Pol))

KOSINSKI, Wladyslaw; MLODZKI, Miroslaw; SZKIARSKA, Zofia

Blood groups in various internal diseases. Polska tygod. lek. 14
no.4:149-154 26 Jan 59.

I. Z I Oddzialu Chorob Wewnetrznych Szpitala Miejskiego Nr 4 w
Warszawie; ordynator: doc. dr Wladyslaw Kosinski. Adres: Warszawa, ul.
Wilenska 29 m. 2.

(BLOOD GROUPS

in cancer of stomach, cholangitis & peptic ulcer (Pol))

(CHOLANGITIS, blood in
blood groups (Pol))

(PEPTIC ULCER, blood in
same)

(STOMACH NEOPLASMS, blood in
same)

SZKLARSKA-OLSZEWSKA, Z.

F

B

2251. PRELIMINARY EXPERIMENTS FOR CLASSIFICATION OF COALS FOR GAS PRODUCERS. Szklarska-Olszewska, Z. (Prace Badawcze Glownego Inst. St. 1. Odlew, (Rev. Communic Chief Inst. Met. and Foundries), 1950, vol. 2, (1), 15-29; abstr. in Chem. Abstr1, 1950, vol. 44, 11060-11061).

Samples of coal from nine different mines were analysed for natural and hygroscopic water, ash, volatile matter, carbon and hydrogen, heat of combustion, calorific value, caking tendency, reactivity, and the chemical composition and melting point of the ash. The viscosity of the ash, in poises at 1300° and 1400°, calculated from the chemical composition, appears to be of doubtful value, because the composition and the melting point of the ash vary in different samples taken from the same mine. The various coals are evaluated with respect to their use in gas producers on the basis of carbon content, calorific value, caking tendency, and ash.

AS 5. 51 A METALLURGICAL LITERATURE CLASSIFICATION

SZKLARSKA-SMAILOWSKA, Z.

2

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
General and Physical Chemistry

Adsorption of dibenzyl sulfoxide on metals. M. Smialowski and Z. Szklarska-Smailowska. *Bull. acad. polon. sci.* 1, 155-7 (1960). Adsorption of dibenzyl sulfoxide on Cu and Ni powders was measured by a desorption technique in which a spectrophotometric method was used. Adsorption isotherms are given for Cu at 2, 15, and 20°; no distinct effect was observed for temp. on the adsorption on Ni. Expts. involving Fe were unsuccessful. Calcd. values of enthalpy of adsorption, by the Clausius-Clapeyron equation, range from 0.5 to 1.7 kcal. per mole depending on concn. of dibenzyl sulfoxide in the soln. used. These low values indicate that the adsorption is phys. rather than chem.

William A. Pennington

9-2-54

SZKLARSKA-SMAILOWSKA, Z.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Metallurgy and Metallography

Evaluation of diffusion of hydrogen into iron by observation of linear expansion of a sample. M. Smialowski and Z. Szklarska-Smailowska. *Bull. acad. polon. sci.* 1, 159-63 (1953). A steel wire treated electrolytically for 310 min. in NH_4SO_4 at 3° shows very little elongation with time. Addn. of thiourea caused a great increase in elongation. Thiourea was ineffective when dibenzyl sulfoxide had been used in the acid during the pickling. Addn. of As_2O_3 to the acid caused a great increase in elongation, but if dibenzyl sulfoxide was added, the As_2O_3 became ineffective. The erratic results obtained by other investigators is probably due to lack of control, there being effective compds. present that are not suspected.

William A. Pennington

BT

SZKIARSKA - SMIALOWSKA Z.

Mechanism of diffusion of cathode hydrogen into iron. M. Smialowski and Z. Szklarska-Smialowska. *Ann. Acad. Polon. Sci.*, 1953, I, 327-344. ~~The hydrogen penetration into iron was determined by measuring the linear expansion of a fine steel wire used as a cathode during the electrolysis of aqueous solutions of alkalis (2% at 10°C and at a cathodic current density of 0.14 amp/cm² from a solution of 1.8 g/l NaCl containing 0.15 g/l sodium per litre. It was found that the expansion of the wire depends on the tensile strength, grain size, and decarburization of the steel. The wire became brittle on impregnation with hydrogen and the wire did not contract when the hydrogen was removed. The cause of the diffusion of cathodic H₂ into iron is the formation of a very high value of atomic H pressure on the surface of the contact of the working electrode with the electrolyte.~~

D. J. C. YATES]

POL.

5149

541.135 : 546.11

Sniatowski M., Szklarska-Sniatowska Z. Study over the Mechanism of Diffusion of Cathodic Hydrogen into Iron.

„Badanie mechanizmu wnikania katodowego wodoru do żelaza”.
Roczniki Chemii (PAN). No. 4, 1952, pp. 505-521, 8 figs.

A method is described for the study of cathodic hydrogen penetration into iron. This method consists in measuring the linear expansion of a fine wire acting as cathode during the electrolysis of aqueous solutions of acids or alkalis. The effect was ascertained of different factors on this phenomenon. It is supposed that the essential cause of the diffusion of cathodic hydrogen into iron is the formation of a very high value of atomic hydrogen pressure on the contact surface of the working cathode with the electrolyte.

AS 194

SZKLARSKA-SMIALOWSKA, Z.

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Mechanism of penetration of cathodic hydrogen into iron. M. Simalowski and Z. Szklarska-Smialowska (*Roczn. Chem.*, 1953, 27, 505-521).—Diffusion of cathodic H into Fe is studied by a method consisting of measuring the elongation of a fine Fe wire acting as cathode during the electrolysis of aq. solutions of acids and alkalis. Factors affecting the rate and degree of elongation of the wire (apart from its heat treatment) are: composition of electrolytic bath, temp. of electrolysis, and current density. Additions of As_2O_3 , H_2S , and thiourea favour the penetration of H into Fe and give rise to much smaller bubbles on the cathode than in the case of a pure acid or an acid containing inhibitors. It is suggested that the diffusion of H is due to a very high pressure of at. H (probably $\sim 10^3$ atm.) on the cathode surface.

Journal of Applied Chemistry
 April 1954
 Industrial Inorganic Chemistry

S. K. LACHOWICZ

SZKLARSKA-SMIALOWSKA, Z.

USSR

✓ A new method of investigating the mechanism of cathodic processes and its application. M. Smialowski and Z. Szklarska-Smialowska. Bull. Acad. Sci. U.S.S.R., Chem. Ser. 1954, 181-4 (Engl. translation).—See C.A. 48, 13470d. H. L. H.

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WILAMOWA-SZALCOWSKA, E.; SZALCOWSKI, M.

"The Expansion of Iron Spirals as a Result of Saturation with Cathodic Hydrogen", p. 73, (POLSKA AKADEMIA NAUK, Vol. 2, No. 2, 1954, Warsaw, Poland)

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

SZKLARSKA-SMIALOWSKA, Z.

✓ • A New Method of Investigation of the Mechanism of the Cathode Processes and Its Application. M. Smialowski and Z. Szklarska-Smialowska. *Izvest. Akad. Nauk S.S.S.R.*, 1954, ~~1954, 27, 503-521~~. (In Russian). The increase in length of a specially prepared and weighted Fe spiral acting as cathode during electrolysis is utilized in the study of the mechanism of cathode processes. The increase in length is due to the diffusion of H into the Fe during electrolysis and becomes appreciable after addn. to pure electrolyte (1N-H₂SO₄) of increasing concentrations of elements of Groups V and VI. The presence of As, Sb, P, S, Se, and Te in the electrolyte slows down the combination of H atoms, as a result of which the pressure of atomic H and the rate of its diffusion into the Fe increases. Under certain conditions the increase in length of the spiral can be almost 10-fold and the pressure of H ~1400 atm. (cf. *Rozniti Chem.*, 1953, 27, 503-521). The degree of the catalytic slowing down of the reaction $2H \rightarrow H_2$ depends on the stability of the compounds of As, Sb, P, S, Se, and Te with H, and decreases linearly in the order P, As, Sb in Group V and S, Se, Te in Group VI. —S. K. L.

SZKLARKA - SMIALOWSKA, Z.

Influence of polarization conditions on brittleness of iron and nickel which is caused by penetration of hydrogen
 Michal Smialowski and Zuzanna Szklarska-Smialowska
 Praca Konf. Elektrochem., Wroclaw, 1955, 661-664 (1957) (German summary); cf. C.A. 48, 8146i, 49, 2804a. —
 Cathodic H causes brittleness of Fe. Ni, however, is more resistant to cathodic H; it is also resistant to catalytic poisons. When seasoned, Ni regenerates nearly fully its original properties. Thus, the authors conclude that during cathodic polarization of Ni there is a first degree of hydrogenation, i.e., H forms a sat. solid soln. with Ni. In the case of cathodic polarization of Fe there is first a formation of a dil. solid soln. of H or H* in Fe which with increasing concn. of H forms pores and crevices filled with H under high pressure (which causes deformation of Fe). The reason for different behavior between Fe and Ni lies, most probably, in the different catalytic characteristics of the surface layers of both metals in respect to the desorption process and recombination of H atoms in the metal. It is evident that Ni accelerates recombination much faster than Fe and is much less susceptible against poisoning than Fe.

Distr: 471

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~~S. Szklarska-Smialowska, Z. Szklarska-Smialowska~~
SZKLARSKA-SMIALOWSKA, Z.

POLON

Hydrogen depolarization—influence of electrolyte composition on the degree of deformation of iron cathodes in sulfuric acid solutions. Michał Smiałowski and Zuzanna Szklarska-Smiałowska (Polish Acad. Sci., Warsaw). Roczniki Chem. 29, 83-93 (1955) (English summary).—Spirals of Fe wire polarized cathodically in H₂SO₄ soln. expand under the action of H produced in a manner similar to that of Bourdon tubes, as a result of a high pressure created in the intercryst. spaces of the Fe. The resulting forces tend to increase the radius of curvature of the bent Fe cathode. The degree of deformation of the spiral (Δl) in presence of different promoter elements shows a linear relation between the const. f of the binding force of hydrides of S, P, As, and Sb, and the value $\Delta l/n$ where n is the valence of the given element. Results indicate that during acid electrolysis a large H pressure develops on the surface of the cathode because of capillary effects. In the presence of promoter elements or catalytic poisons retarding the H mol. formation, at. H contributes to the rise in pressure and penetration into the base metal. The ability of the elements of the 5th and 6th groups to act as promoters is proportional to their ability of forming hydrides. Morris Eisenberg

BI

Sz Klarska-Smialowska, Z.

5000

Mechanism and prevention of stress-corrosion cracking of iron and steel in the presence of nitrates. M. Smialowska, J. Ostrowski

and Z. Szklarska-Smialowska (Rus. Chem. 1955, 29, 674-690) - Experiments were made with wires of mild steel (95% Fe, 0.09% C) of diam. 0.45 mm under tension at 97-100°C to investigate the influence of O₂ in accelerating stress-corrosion cracking in presence of nitrates, etc. Solutions used were: Ca(NO₃), H₂O (860 g) and NH₄NO₃ (20 g) in water 100 ml and 68 NH₄NO₃ solution saturated with O₂ at 100°C. It was found that the rate of stress-corrosion cracking was higher in the presence of O₂ than in its absence.

SZKLARSKA-SMIALOWSKA, Z.

B-12

POLAND/Physical Chemistry - Electrochemistry.

Abs Jour: Referat. Zhurnal Khimiya, No 3, 1958, 7313.

Author : B. Baranowski, Z. Szklarska-Smialowska, M. Smialowski.

Inst : Academy of Sciences of Poland.

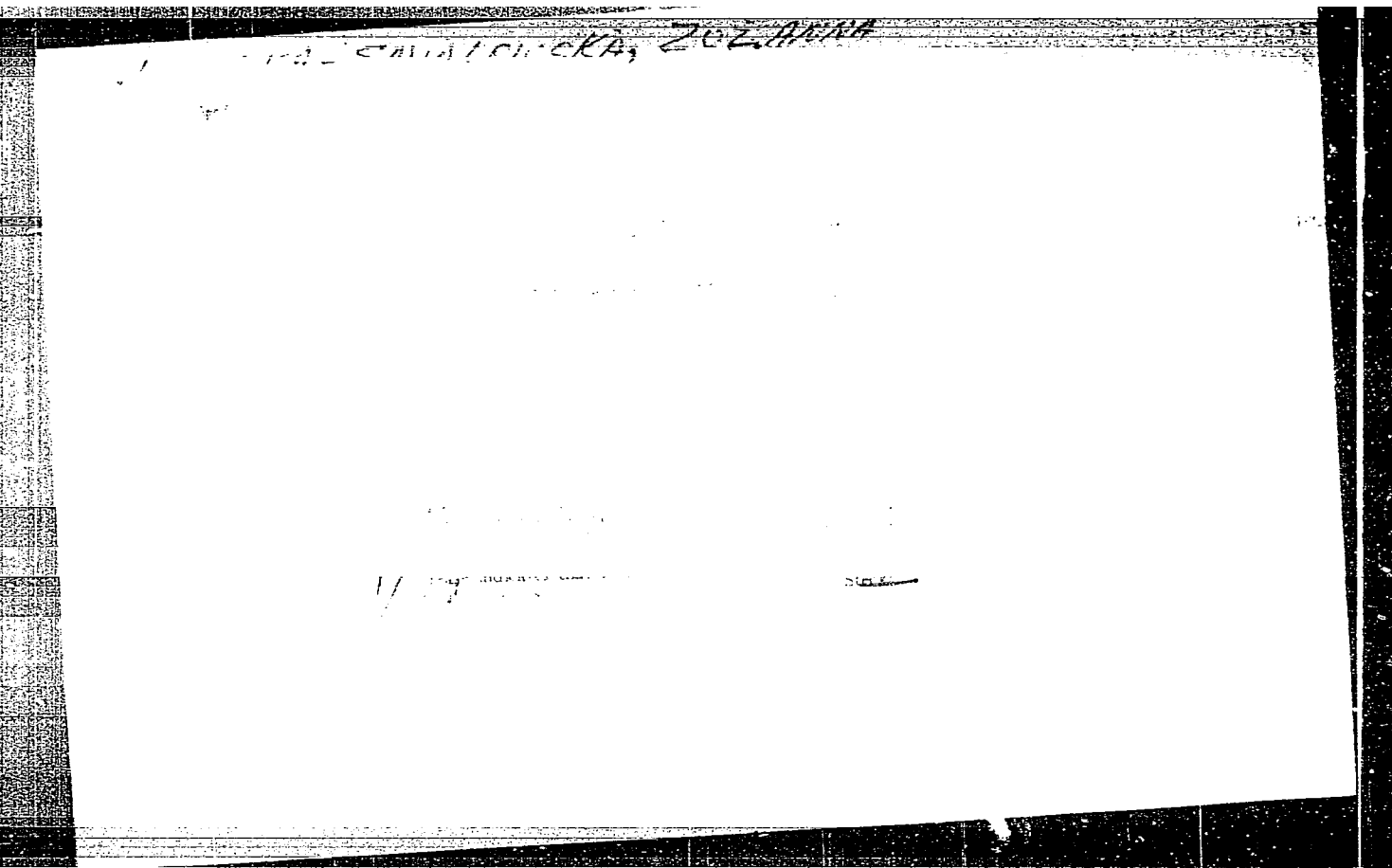
Title : Diffusion Constant of Hydrogen in Iron Cathodes.

Orig Pub: Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 2, 191-196, XVII.

Abstract: The diffusion constant in iron at 20° was determined from the liberation rate (LR) of H₂ from Fe wire, which had been preliminarily saturated with hydrogen by cathode polarization in 1 n. H₂SO₄ + As₂O₃. LR was determined volumetrically, Fe being immersed in water. Two stages of H₂ desorption from Fe with $D_I = 5.0 \cdot 10^{-7}$ and $D_{II} = 0.6 \cdot 10^{-8}$ sq.cm per sec were revealed. D_I and D_{II} computed from the time necessary for the maximum stationary elongation of the Fe wire at the cathod polarization in 1 n. H₂SO₄ + As₂O₃ (RZh-Khim, 1955, 31330) are magnitudes of

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Z. Szklarska-Smialowska

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2 Creanod of stresses in nickel cathodes due to hydrogenation. Z. Szklarska-Smialowska and M. Smialowski (Inst. Chem. Fiz. P.A.N., Warsaw). Bull. acad. polon. sci., Sér.

sci., Chim., geol. et geograph. 6, 427-32(1958) (in English).— Ni plates, 8 × 1 cm., 0.01 or 0.0075 cm. thick, were coated on one side with chlorinated rubber and vertically immersed as cathodes into 0.1N H₂SO₄ contg. As₂O₃ or thiourea 0–0.03 g./l. After 1–22 hrs. of electrolysis at 0.0001–0.016 amp./sq. cm., the plate was bent owing to the internal stresses created (C.A. 52, 15211d). After switching off the current or after prolonged polarization, the plate returned slowly to the vertical position. The max. horizontal shift of its lower end was 0.5 cm. Diffusion coeff. was estd. at 10⁻¹⁸ sq. cm./sec., and the mean stress in the charged layers, P, was computed after Ostroumov (C.A. 52, 2010a). Curves of P vs. sq. root of time are given; max. P were between 200 and 700 kg./sq. cm. I. Stecki

Ju Jaf BB
Alp

SKLANSKA-SKIALOWSKA, Z.

Reports to be presented at the 2nd Intl Congress on Catalysis, Paris, France, 4-9-Jul '60.

Poland

- BARANOWSKI, B., SIKLONSKI, M., and SKLANSKA-SKIALOWSKA, Z. - "Properties of nickel-iron electrocatalytically hydrogenated in the presence of poisons" (Section I)
- BIELANSKI, A., JANKOWSKI, H., and SKLANSKA-SKIALOWSKA, Z. - "Electronic processes accompanying the catalytic dehydrogenation of alcohols on semiconducting oxide catalysts" (Section II)
- BRONOWSKI, B. - "On the process of catalytic reduction of sulfur dioxide with acids in iron sulfate solution" (Section III)
- BRONOWSKI, B. - "On trace catalysis" (Section II)
- BRONOWSKI, B., MISZCZAKOWICZ, E., and SKLANSKA-SKIALOWSKA, Z. - "The gaseous phase transformation of a mixture of 3-picoline and 4-picoline in the presence of ammonia and air in a mixture of corresponding nitriles" (Section III)
- BRONOWSKI, B., and KOPCZYNSKI, T. - "Hydrogen transfer in gaseous phase between alcohols and compounds containing carbonyl groups" (Section I)
- BRONOWSKI, B., MISZCZAKOWICZ, E., and SKLANSKA-SKIALOWSKA, Z. - "Analysis on electric conductivity and catalytic activity of procerol films during isopropanol dehydrogenation" (Section III)
- BRONOWSKI, B. - "Study of selectivity and activity of copper catalysts in dehydrogenation of alcohols" (Section III)
- BRONOWSKI, B., and SKLANSKA-SKIALOWSKA, Z. - "Influence of dimensions of pores on the catalytic power of active carbon in the oxidation of sulfur hydrogen by oxygen" (Section II)

SZKLARSKA-SMIALOWSKA, Z.

The electrical resistance of nickel layers cathodically charged with hydrogen. Bul chim PAN 8 no.6:305-311 '60. (EEAI 10:9/10)

1. Institute of Physical Chemistry, Polish Academy of Sciences.
Presented by M. Smialowski.

(Electrical resistance) (Nickel) (Hydrogen)

SZKLARSKA-SMIALOWSKA, Z.

Effect of fatty acids on the corrosion and passivation of iron
in ammonium nitrate solution. Bul chim PAN 12 no.7:479-486 '64.

1. Institute of Physical Chemistry of the Polish Academy
of Sciences, Warsaw. Submitted April 25, 1964.

SZYLISKI, A.

"For a Proper Course of the Subject matter of Gospodarka Miesna", p. 375,
(GOSPODARKA MIESNA, Vol. 6, No. 12, Dec. 1954, Warszawa, Poland)

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

SZKLARSKI, A.

Construction, service and importance of a mechanical meat chopper in the technology of meat-fat products.

p. 26
Vol. 7, no. 7, July 1955
GOSPODARKA MIESNA
Warszawa

SO: Monthly list of East European Accessions (EEAL), VOL. 5, no. 2
Feb. 1956

SZKLARSKI, A.

What the articles published in Gospodarka Miesna contributed to the Meat Plants in

Grudziadz. p. 23.

GOSPODARKA MIESNA, Vol. 7, No. 10 Oct. 1955

(Polskie Wydawnictwa Gospodarcze) Warszawa

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1

Jan. 1956

SZKLARSKI, A.

SZKLARSKI, A. Technical progress of the Meat Plants in Grudziadz in the 5-year Plan. p. 17. GOSPODARKA MIESNA. Warszawa, Poland. Vol. 8, No. 3, Mar. 1956

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

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621.316.71 : 621.34 : 621.3.017 : 622.67

498. Determination of losses of the (Ward) Leonard system. In
 Szklaraki. Przegł. Elektrotech., 26, 176-89 (June, 1950) In Polish.
 A set of formulae is derived and a numerical example is quoted
 of a calculation of power ratings and losses of machines for a
 Ward Leonard system for mining hoists. J. Lukaszewicz

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION SYMBOLS

SECTION	SYMBOLS	SECTION	SYMBOLS
1	1	1	1
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1409

621.313.333

Szklarski L. Determination of Losses in an Induction Type Hoisting Motor.

„Obliczenie strat asynchronicznego silnika wyciągowego”. Przegląd Elektrotechniczny. No. 7—8, 1951, pp. 282—292; 10 figs. 4 tabs.

On the basis of the usual formulae for losses in induction motors, the author arrives, according to a given duty cycle, at certain simplified formulae for losses in induction type hoisting motors and gives speed diagrams of the hoist. The author deals with the elementary principles which govern the performance of induction motors operating with resistances in the rotor circuit during starting and braking by means of counter-current. The rating of the hoisting motor is determined, and checked according to the average losses of the motor. A numerical example is given to illustrate the theoretical considerations in the article.

SZKLARSKI, L.

POL. 1

621.316.717 : 621.34 : 621.86

1553. Transients with the Ward Leonard drive for mine winders. L. SZKLARSKI AND H. GÓRECKI. Arch. elektrotech. (Warsaw) 2, No. 3-4, 227-74 (1953) In Polish.

Making simplifying assumptions, equations are established to cover 3 distinct periods in motor starting (stalling, accelerating by increasing voltage, accelerating at constant voltage) for the usual Ward Leonard

system and for the uniplidne control of the generator excitation; numerical examples show that the latter gives almost exactly the characteristics required.

A. KARLSBAD

BT 2011

SZKLARSKI, Ludger

Trakcja Elektryczna w Kopalni (Electric Traction in Mines.) Stalinograd: Wydawnictwo Gorniczo-Hutnicze, 1954.

55M/6

664

.S9

SZKLARSKI, L.

3905

621.61:621.3.001

SzklarSKI, L. Graphic Methods of Electrical Traction Calculations in Mines.

„Wykreślne metody obliczenia trakcji elektrycznej w kopalni”. Górnictwo. No. 2, Kraków, 1951, PWN, pp. 81--98, 7 figs.

When accuracy requirements in electric traction calculations for mines are not very high, graphic methods may be used. Though the traction formulae here deduced are well known they are expressed in relative units. The graphs are thus easily drawn. The following formulae and graphs are demonstrated by the author: 1) for determining the starting weight of a train drawn by an electric locomotive; 2) for determining the drop in a uniform resistance; 3) for determining the weight of a me-

chanically braked train; 4) to determine the braking distance; and 5) to determine the weight of a train according to heating conditions. Graphic methods reduce the time taken over electric traction calculations for mines, a lower degree of accuracy as compared to analytical methods being deliberately accepted. This inaccuracy is, however, insignificant both in working conditions and in designing.

GP

STYIARSKI L.

SZKLANSKI, L.

"Scientific work of the Mining and Metallurgical Academy concerning new types of drives."
p. 66. (Przegląd Elektrotechniczny, Vol. 30, no. 2, Feb 54, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

SZKLARSKI, L.

TECHNOLOGY

periodicals: ARCHIVUM CORNICPWA Vol. 3, no. 3, 1958

SZKLARSKI, L. An analysis of the stability of the system of closed control of the Leonard drive of hoisting machines. p. 183.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

SZLANSKI, L.

TECHNOLOGY

periodicals: ARCHIVUM FORTIFICATA Vol. 3, no. 3, 1958

SZLANSKI, L. A graphic presentation of the course of speed in the Leonard system of hoisting machines. p. 199.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

SZKLANSKI, L.

TECHNOLOGY

ELEKTROTECHNICKY. OBZOR.

SZKLANSKI, L. Polish system of the electric-drive control for hoisting machines with an asynchronous motor. p. 606.

Vol. 47, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 5
May 1959, Unclass.

SZLARSKI, L.

The describing function of an asynchronous winding motor. p. 171

ARCHIWUM GORNICTWA. (Polska Akademia Nauk. Komitet Gornictwa)
Warszawa, Poland. Vol. 4, no. 3, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

SZKLARSKI, Ludger; GORECKI, Henryk

Designing of automatic control systems in the mining industry
based upon typical logarithmic characteristics of the amplitudes.
Archiw gorn 5 no.2:165-191 '60.

SZKLARSKI, L.M.

The describing function of an A.C. winder motor. Bul Ac Pol tech 8
no.4:187-192 '60. (EEAI 9:10)

1. School of Mining and Metalurgy, Cracow, Polish Academy of
Sciences. Presented by P.J.Nowacki.
(Electric motors, Alternating current)

40143

P/031/62/007/001/004/021
D265/D308

16.8000

AUTHORS: Szklarski, Ludger, and Górecki, Henryk

TITLE: On a certain optimum system

PERIODICAL: Archiwum automatyki i telemechaniki, v. 7, no. 1-2, 1962, 43 - 53

TEXT: A method is presented which enables to find the optimum control function provided its optimal conditions are predetermined. A dynamic system can be generally described by a non-linear differential equation of arbitrarily high order. The method is illustrated by the example of a motor-generator system to drive an elevator. The controlled system is described by a non-linear differential equation of the third order and all possible nonlinearities such as saturation, hysteresis, and dry friction are accounted for. The function treated as optimal is given by a speed-time diagram of trapezoidal shape, which is treated at the same time as a solution of the differential equation describing the system. In the case considered here the control function is obtained automatically by using a cam driven by the motor shaft for which the optimum shape

Card 1/2

On a certain optimum system

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is determined. The analytical results were verified experimentally confirming the exactness of the method adopted. There are 12 figures. ✓

ASSOCIATION: Akademia górnico-hutnicza katedra elektrotechniki górnicznej i katedra automatyki i elektroniki (Academy of Mining and Metallurgy, Department of Mining Electro-technology and Department of Automation and Electronics)

Card 2/2

SZKLARSKI, Ludger, prof.,dr.,inz.; DUDEK, Wladyslaw, dr.,inz.; MACHOWSKI,
~~Jozeł~~, mgr.,inz.

Measurement results of resistances of the electric mine traction.
Przełł gorn 18 no.2:123-128 '62.

1. Katedra Elektrotechniki Gorniczej, Akademia Gorniczo-Hutnicza,
Krakow.

SZKLARSKI, Ludger; KOLENDOWSKI, Jerzy

General problems of statics and dynamics of electric drive.
Rozpr elektrotech 8 no.3/4:527-561 '62.

1. Katedra Elektrotechniki Gorniczej, Akademia Gorniczo-
Hutnicza, Krakow.

SZKLARSKI, Ludger; PAWLUK, Krystyn; KOMARZEWSKA, Maria

Transients in synchronous motors with a salient pole
operating in driving systems of mines. Rozpr elektrotech 9
no.3:295-310 '63.

1. Katedra Elektrotechniki Gorniczej, Akademia Gorniczo-
Hutnicza, Krakow.

BZKIARSKI, Ludger; FIJALKOWSKI, Bogdan; DEGERATU, Prof.:

Proportional speed control of a motor fed from a stationary a.c. of semiconductor converters. Prace Instytutu (1) no. 21 62-64 P '65.

1. Department of Mining Electrical Engineering of the School of Mining and Metallurgy, Krakow.

SZKLARZ, W.

SZKLARZ, W. Research on the size and evaporation of drops during the sprinkling of a surface. p. 431. GOSPODARKA WOJNA. Warszawa, Poland. Vol. 15, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL) IC Vol. 5, No. 6, June 1956

SIKLAERZ, W.

SZKLARZ, W. The IMUA-SP-1 sprinkler. p. 541. Vol. 16, no. 12, Dec. 1956.
GGSTGDARKA WODNA. Warszawa, Poland.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EFAL) VOL 6 NO 4 APRIL 1957

POLAND/Farm Animals. Domestic Fowls.

Q

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16864.

Author : Szklarzewicz Jerzy

Inst :

Title : The Raising of Young Turkeys (Vyrashchivaniye indyushat)

Orig Pub: Przegl. jajcz.-drob., 1957, 5, No 4, 8-11.

Abstract: The methods of selection for breeding, hatching of the youngs under females, feeding and management of poults at different periods of life, etc., are described.

Card : 1/1

GULYAS, Ferenc; SANDOR, Miklos; SZKLENA, Ferenc

Here are radio operators speaking. Radiotechnika 13 no.8:299
Ag '63.

1. Kerekpar, Radio es Villamosagi Kiskereskedelmi Vallalat
(for Gyulas and Sandor).

SZLEZAK, Ludwik, ROZYNEK, Marian; ROGACZEWSKA-NOWAK, Anna

Differential diagnosis of Wegener's disease. Description of 2 additional cases. Otolaryng. Pol. 19 no.3:367-372 '65.

1. Z Kliniki Oto-Laryngologicznej AM w Poznaniu (Kierownik: prof. dr. med. A. Zakrzewski) i z Zakladu Anatomii Patologicznej AM w Poznaniu (Kierownik: prof. dr. med. J. Groniowski).

SZLEZAK, Ludwik; PRZYBORA, Lucjan; SALWA-KUBASIK, Wieslawa

Malignant melanoma of the lymphatic glands without discernible primary focus. Presentation of 2 cases. Otolaryng. Pol. 19 no.3: 387-392 '65.

1. Z Kliniki Otolaryngologicznej AM w Poznaniu (Kierownik Kliniki: prof. dr. med. A. Zakrzewski) oraz z Pracowni Histopatologicznej I Kliniki Ginekologiczno-Polozniczej AM w Poznaniu (Kierownik Kliniki: prof. dr. med. W. Michalkiewicz; Kierownik Pracowni: doc. dr. med. L. Przybora) i z Zakladu Anatomii Patologicznej AM w Poznaniu (Kierownik: doc. dr. med. P. Gabryel).

SZKODNY, Adam

Spontaneous perforation by a renal calculus. Polski przeł. chir.
33 no. 5:487-488 '61.

1. Z urologicznego oddziału Szpitala Miejskiego nr 2 w Katowicach
Ordynator: dr J. Zielinski.
(URINARY CALCULI compl)

SZKODNY, Adam; LUCIAK, Mieczyslaw

A case of co-existing hypoplastic kidney, rudimentary ureter and vesico-urebral reflux. Polski przegl. chir. 33 no.11a:1473-1476 '61.

1. Z Oddziału Chirurgicznego Wojewodzkiego Szpitala MSM w Katowicach oraz z Zakładu Anatomii Patologicznej Slaskiej AM w Zabrze Kierownik: prof. dr W.Niepolomski.

(KIDNEYS abnorm)

(URETERS abnorm)

W. Z. KODNY
TULLIO, GRAY, SAUND I, 1962

Use of ureterocystostomy in the treatment of bilateral vesicovaginal fistulae. Ginek. pol. no.4:557-563 '62.

1. Z II Kliniki Chirurgicznej Slaskiej AM w Zabrze Kierownik Kliniki:
prof. dr. J. Gasinski Z Oddzialu Urologicznego Miejskiego Szpitala
Specjalistycznego Nr 2 w Katowicach Ordynator: dr Jerzy Zielinski.

(URINARY DIVERSION)
(VESICCVAGINAL FISTULA)

SZKODNY, Adam

Pyuria following excision of prostatic adenoma. Pol. przegl.
chir. 35 no.11: Supplement: 1279-1284 N°63

1. Z Oddziału Urologicznego Szpitala Specjalistycznego w
Katowicach; ordynator: dr. J.Zielinski.

*

SZKODNY, Adam

A simplified method ligating the vas deferens. Pol. przegl. chir.
36 no.10:suppl. 1309-1311 G '64

1. Szpital specjalistyczny w Katowicach Oddział Urologiczny
(Ordynator: dr. J. Zielinski).

SZKODNY, Adam

Bacteremia following excision of adenoma of the prostate.
Pol. przegl. chir. 37 no.4:Suppl.:408-412 Ap'65.

1. Z Oddziału Urologicznego Szpitala Specjalistycznego w
Katowicach (Ordynator: dr. J. Zielinski).

SZKODNY, Adam

How do we dissect the isthmus of a horseshoe kidney? Pol.
przeł. chir. 37 no.4:Suppl.:461-463 Ap'65.

1. Szpital Miejski Specjalistyczny nr. 2 w Katowicach, Oddział
Urologiczny (Ordynator: doc. dr. med. J. Zielinski).

HLAVATY, Bozena; SZKODZINSKI, Stanislaw; ROZYNSKA, Krystyna; WOJNOWSKA, Bozena

Hydrocortisone therapy of small joints of the hand. Reumatologia
Polska no.3:137-139 '60.

1. Z Ośrodka Reumatologicznego w Sopocie Dyrektor: dr med. Titz-
Kosko, J.

(HYDROCORTISONE ther)
(ARTHRITIS RHEUMATOID ther)
(HAND dis)

GRUSZECKI, Ludwik; SZKODZINSKI, Stanislaw

Diabetic retinopathy resulting in blindness. Pol. arch. med.
wewn. 33 no.5:575-580 '63.

(DIABETIC RETINOPATHY) (BLINDNESS)

WYKONANIE PRAC: WYKONANIE, Stanislaw

... .. signs of diabetes according observations on a case.
Lec. Lek. 19 no. 14:520-522 30 Mr '64.

... .. Szpitala Marynarki Wojennej.

SZKODZKI, Eugeniusz; LAZYGA, Kazimierz; SOKOLOWSKA, Bozenna; TWOREK, Romuald

Tularemia in Szczecin Voievodship. V. Infection of cattle with tularemia. Przegl. epidem., Warsz. 8 no.3:179-184 1954.

1. Instytut Medycyny Morskiej i Tropikalnej, Panstw, Zakl. Higieny,
Inst. Medycyny Pracy Wsi, Panstw. Instytut Weterynaryjny
(TULAREMIA, epidemiology
in Poland, infect. in cattle)
(CATTLE, diseases
tularemia, epidemiol. in Poland)

~~SECRET~~
SZKOKANOVITS, E.

Electric equipment in the shoe industry. p. 18. (Bor-Es Cipotechnika, Budapest,
Vol. 5, no. 1, Feb 1955)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

SZKONTER, Bogdan, mgr., inż.

The hydrographic service cutter "Hydrograph 3".
Bud okret '7 no.4:110-114 Ap '62.

1. Biuro Konstrukcyjne Taboru Morskiego, Gdansk.

SZKOP, Z.

Under the banner of May Day. p. 161

Is there a further possibility of saving coal for traction purposes?
p. 169 PRZEGLAD KOLEJOWY (Wydawnictwa Komunikacyjne) Warszawa.
Vol. 7, no. 5, May 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, no. 12, December 1955

SYKORA, Karel, inz.

Shall we engrave or draw? Geod kart obzor 9 no.12:333-334
D'63.

SZKUDLAREK, A.

Stepien, W.; Szkudlarek, A.

"An analysis of the trend of accidents and the technique of industrial safety in the clothing industry", p. 14 (Odzież, Vol. 4, no. 1, Jan. 1953, Łódź)

Vol. 3, No. 3

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

SZKUDLAREK, A.

STAPIEN, W.; SZKUDLAREK, A.

"Organization and field of activity of the Work Safety Service in the clothing industry."
p. 249. (Odzież, Vol. 4, no. 12, Dec 53, Lodz)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

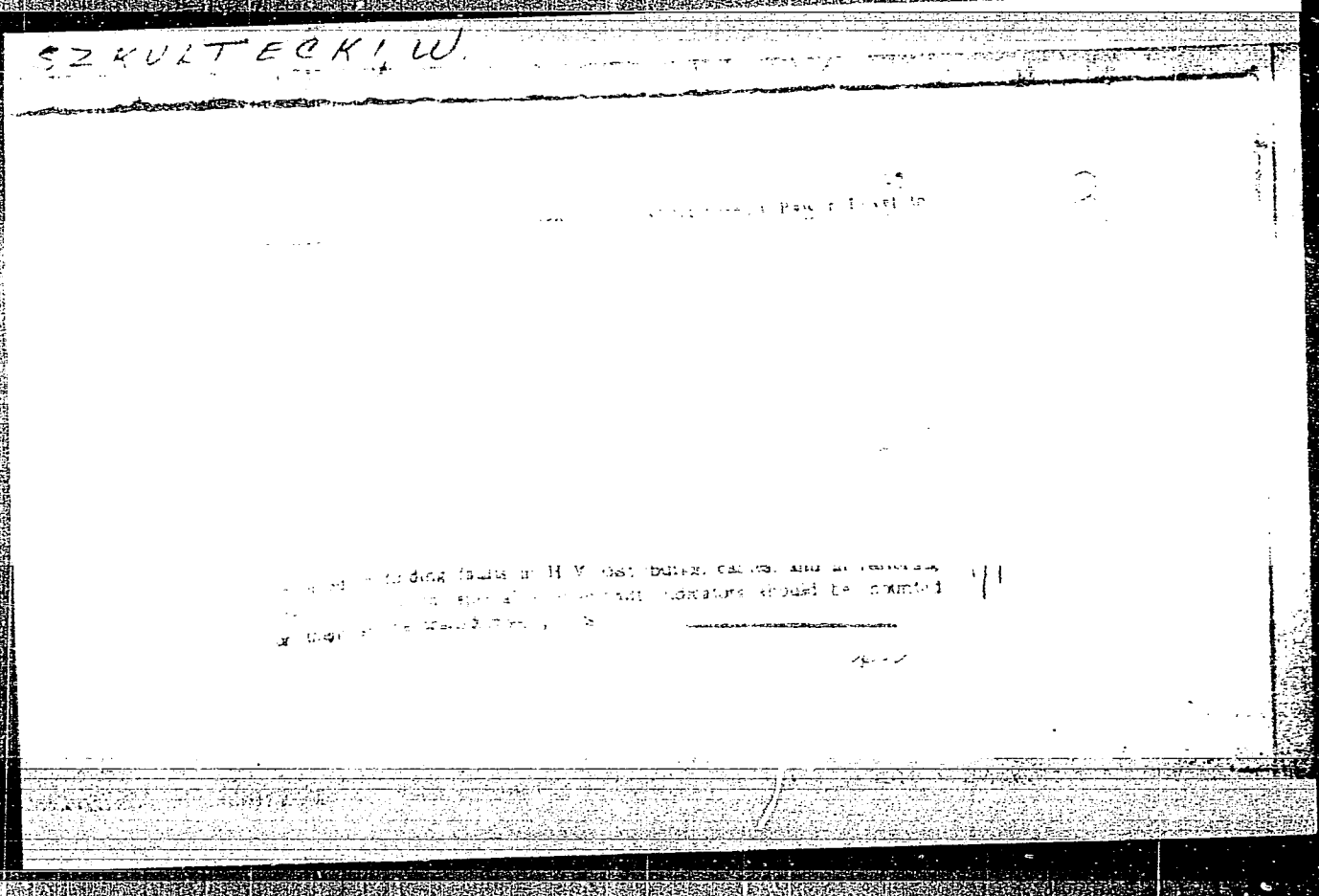
SZKULTECKA, Stefania, mgr

Influence of sewages from fiberboard and particle board
factories on the waters of the receiving river. Gaz woda
techn sanit 37 no.6:184-187 Je '63.

SZKULTYCKI, WALTERIAN

Linie kablowe elektroenergetyczne; budowa i eksploatacja. (Wyd. 1.) Warszawa, Państwowe Wydawn. Techniczne, 1954. 339 p. (Electric cable lines; construction and utilization. 1st ed. illus., bibl., diags., footnotes, graphs, tables)

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



SZKULTECHKI, W.

SZKULTECHKI, W. The question of short-circuit power level in high-tension distribution cables in city networks. p. 326

Vol. 32, no. 5, May 1956
PRZEGLAD ELEKTROTECHNICZNY
TECHNOLOGY
Warszawa, Poland

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

Szkuta, T.

1201
624.023,62.012.4 : 024.074.4 : 693.55
Szkuta T. The Concreting of Rolled Shells. Organization of Manufacture
on the Building Sites.
„Betonowanie łupin walcowych. Organizacja wykonawstwa na bu-
dowie”. Przegląd Budowlany. No. 1, 1955, pp. 14—18, 10 figs.
Concreting a ceiling construction made of rolled shells over a hall
with a span of 30 m., using portable pipe scaffolding. Construction of
the scaffoldings, allowing free regulation of height and arrangement.
Vertical pipes mounted on wheels and transportable on rails. Lower part
of the scaffolding connected with upper part by telescoped pipes. Other
matters dealt with:— organisation of concrete transportation; reinforce-
ment; filling material and cement use; consistency of concrete; machines
used for transportation, vibrating and steam curing.

mach

1

POLAND

TUSZKIEWICZ, Alfred R. and SZKUTNIK, M. Second Clinic of Internal Diseases (II Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] in Lublin (Director: Prof. Dr. Alfred R. TUSZKIEWICZ)

"Palindromic Arthritis. Report of 2 Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 25, 17 Jun 63, pp 896-899

Abstract: [Author's English summary modified] Authors report two cases of exudates of the knee joints with slight local inflammation and no fever recurring alternately every few weeks or months and lasting a few days. In one case the symptoms disappeared without a trace after 2 years; in the other degenerative arthritis of both knees appeared after 4 years. Authors discuss pertinent literature, especially works of Heuch and Rosenberg; differential diagnosis, especially with rheumatoid and periodical arthritis; possible pathogenesis; and possible connection with endogenic metabolites of steroid hormones, as recently reported. Energetic treatment is to be avoided. 14 refs: 3 Polish, 11 Western.

1/1

TUSZKIEWICZ, Maria; SZKUTNIK, Maria; SARNECKA , Barbara

Bentonite reaction in the diagnosis of rheumatic diseases.
Pol. tyg. lek. 19 no.28:1104 - 1106 13 - 20 J1'64

1. Z Katedry Mikrobiologii Lekarskiej (kierownik: prof. dr. J. Parnas) i z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie (kierownik: prof. dr. A.R. Tuszkiewicz).

PELC, Karol, mgr.,inz.; SZLACHCIC, Leszek, mgr.inz.

The Polish small series production of special apparatus. Przegl
techn 81 no.22:3-4 Je '60.

SZLACHETKO, Krystyna

Incorrect swallowing in the eticpathogenesis of occlusion
defects in the light of the literature. Czas. stomat. 18
no.10:1251-1255 0 '65.

1. Z Kliniki Ortodontycznej AM w Warszawie (Kierownik:
prof. dr. A. Orlik-Grzybowska).

KOTLON, T.; SZLACHCINSKI, K.; SUROWIEC, J.

Lubricating Nimonic charge materials with soluble glass in press forging. Mechanik 34 no.9:474 '61.

1. Wytwarznia Sprzetu Komunikacyjnego, Rzeszow.

SZLACHEK, Krystyna.

Jaw and bite disorders in children with osteoarticular tuberculosis.
Czas.stomat. 8 no.9:377-386 Sept. 1955.

1. Z Kliniki Ortodoncji A.M. w Warszawie. Kierownik: doc. dr. A. Orlik-Grzybowska. Warszawa, Filtrowa 30.

(TUBERCULOSIS, OSTEOARTICULAR, in infant and child
causing jaws disord. & malocclusion)

(MALOCCLUSION, in infant and child
in osteoarticular tuberc.)

(JAWS, diseases
in osteoarticular tuberc. in inf. & child)

SOKOLOWSKA-PITUCHOWA, Janina; REHMAN, Janina; SZLAGA-SOBECHOWICZ,
Zofia

Hemolytic disease of the newborn in the light of autopsy
material of the Institute of Pathological Anatomy of the
Academy of Medicine in Krakow. Pat. pol. 14 no.2:247-253
'63.

1. Z Zakladu Anatomii Opisowej i Topograficznej AM w Krakowie
Kierownik: doc. dr med. J. Sokolowska-Pituchowa Z Zakladu
Anatomii Patologicznej AM w Krakowie Kierownik: prof. dr med.
J. Kowalczykowa.
(ERYTHROBLASTOSIS, FETAL) (STATISTICS)
(AUTOPSY)

SZLAGYI, EDIT

HETESSY, Gyorgyne; SZLAGYI, Edit, dr.; VILLAYNYL, Pirooska, dr.

Factors influencing capillary resistance. Fogorv. szemle 47 no.8:
256-260 Aug. 54.

1. Közlemeny a paksi orvostudományi egyetem stomatologiai klinikájáról.
(A Magyar Tudományos Akadémia és az ETT Tamogatásával végzett
vizsgálatok)

(CAPILLARIES,

resist., in dent. focal infect., factors responsible
for variations)

(TEETH, diseases,

focal infect., diag., determ. of capillary resist.,
factors responsible for variations)

(FOCAL INFECTION,

dent., diag., determ. of capillary resist., factors
responsible for variations)

SZUMSKI, Zygmunt; SZLAGIEWICZ, Teresa

Exact observations of the position of artificial satellites of the
Earth for geodetic purposes. Przegl geod 34 no.10:414-417 0 '62.

SZLAI, T.

Occurrence of bitumen in the mountains of Szentendre-Visegrad; prospecting for Eocene coal. p. 694.

BANYASZATI LAPOK. (Magyar Banaszati es Kohaszati Egyesulet) Budapest, Hungary. Vol. 14, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. ⁸~~26~~, no. ¹²~~1~~/², 1959.
Uncl.

POLAND/Chemical Technology - Chemical Products and Their
Application. Cellulose and Derivatives. Paper.

H-33

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 27273
Author : Szlakowski Czeslaw
Inst : Institute of Cellulose and Paper.
Title : Attempts to Determine the Extent of Suitability of the
Wood of Different Species of Poplar for Cellulose-Paper
Manufacture.
Orig Pub : Prace Inst. celul.-papiern., 1953, 2, No 1, 13-25.
Abstract : No abstract.

Card 1/1

HUNGARY / Farm Animals. The Honeybee. Q

Abs Jour: Ref Zhur-Bioli, No 5, 1959, 21319.

Author : Szlamenic⁵ky, I.

Inst : Not given.

Title : The Role of Apiculture in World Economy.

Orig Pub: Meheszet, 1958, 6; No 2-3, 36-37, 40.

Abstract: Number of Honeybee Colonies:

	Popula- tion in millions	Honeybee colonies in thousands	Honeybee colonies per 1 thousand inhabitants
Europe	409	12,500	30.5
USSR	200	9,400	47.0
North America	238	9,500	40.0
South America	124	1,500	12.1
Asia	1,481	6,500	4.4
Africa	224	5,000	22.3
Oceania	15	600	40.0
Total	2,691	45,000	16.7

Card 1/3

SZLAMENICZKY, Istvan, dr.

Why are there fewer eggs in autumn and winter? Elet tud 15
no.4:120-122 24 Ja '60.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

SZLAMENICZKY, Istvan, dr.

Poultry husbandry in Denmark. Elet tud 15 no.33:1044-1046
14 Ag '60.

1. Országos Tervhivatal baromfitenyesztési feloadoja, es "Elet
es Tudomany" szerkeszto bizottsagi tagja.