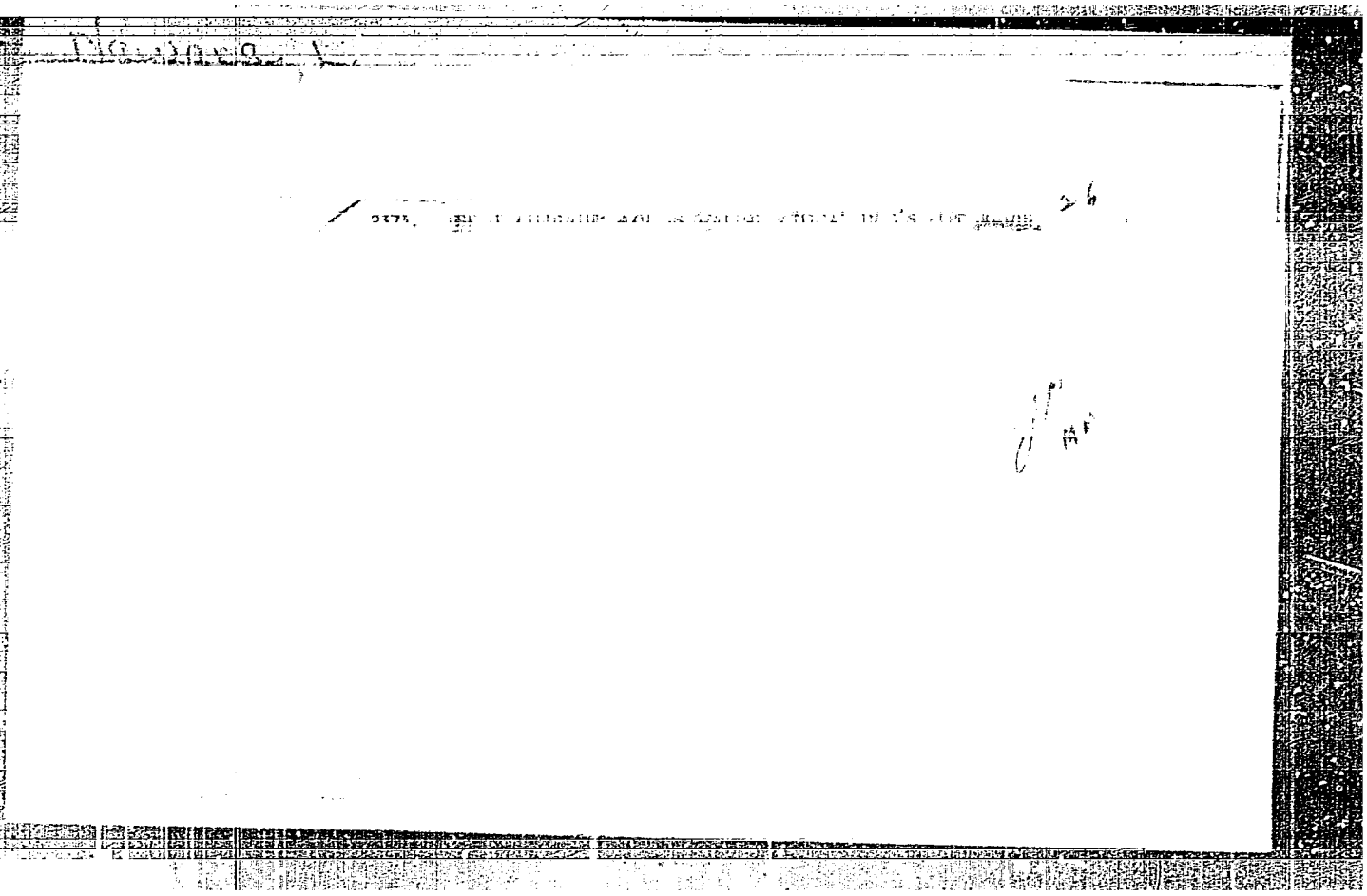
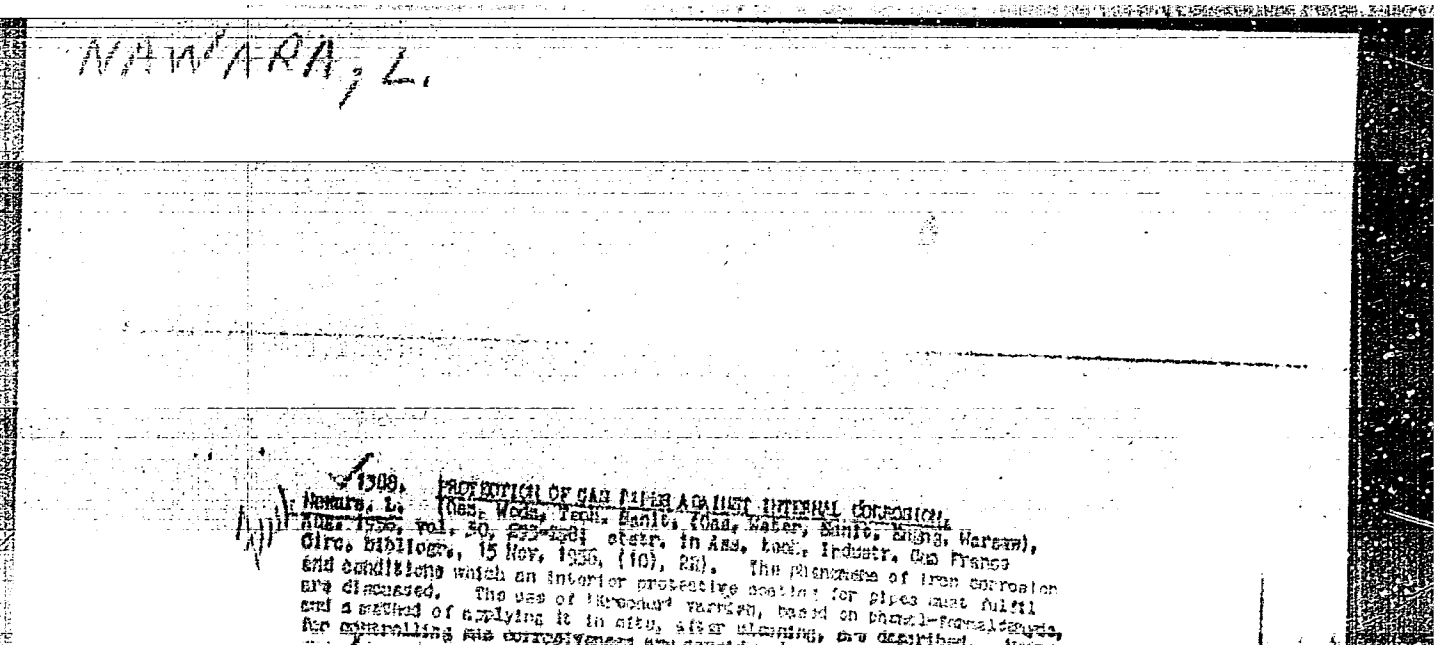
...AWARA, Leopold

Analysis of deposits in gas pipes. Tadeusz Pawlikowski (Central Lab. Gazownictwa, Warsaw), Leopold Nowara, and Maria Piotrowicz. *Gaz, Woda i Tech. Sanit.* 29, 2-9 (1955).—The qual. analysis of deposits formed on gas-pipe walls consists of the following steps: Dry the sample in air after having been crushed in a mortar and pestle if not of a pasty consistency nor distinctly naphthalenic in nature. If naphthalenic, dry with filter paper. Ext. 20 g. of the sample in a Soxhlet with benzene until the solvent appears colorless, and dry the residue to const. wt. at 105° (2 hrs.); evap. the ext. up to 240° and weight the residue. Again ext. the benzene-extd. residue with distd. H_2O, and analyze the ext. for NH_3, Fe, and CNS. Dry the weighted residue for 2 hrs. at 105° and treat with 1:1 HCl. Test for H_2S. Filter the soln. and det. the heavy metals in it. Test the residue for CN compds. Run the detns. on the dried, crushed sample of the deposit. Det. Fe on 1 g. of it, which is treated with concd. HCl, evapd. 2 times, and dissolved in hot H_2O. Det. S with the Eschka method and NH_3 with the Kjeldahl method on 7 g. of the sample which has been agitated with 200 g. of water for 30 min. at room temp. Det. pH with a colorimetric method: treat 100 g. of sample with 250 g. of water (pH 7) and agitate for 1 hr. Run the test on 2 ml. of this soln. The analysis of the deposits gives an indication of the required gas purification to protect the pipes from corrosion; the most harmful impurities are H_2S, NH_3, tar, naphthalene, water, org. S compds., and NO, which acts as polymerizer. Furthermore, the best solvent can be found for a given deposit, composed of reagents best suited to dissolve its components which are mixed in amts. proportional to the deposit's compn. Henry W. Lawendel





NAMARA, L.

1309. PROTECTION OF GAS PIPES AGAINST INTERNAL CORROSION.
Namara, L. (Gas, Water, Sanit. Engng, Warsaw).
Chem. Abstracts, 15 Nov, 1956, (10), 23).

POLAND/Chemical Technology - Processing of Solid Fossil Fuels. H-22

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 82942

Author : Nawara, L., Popielski, W.
Inst : -
Title : The Practice of Storing Coke Gas in Beynes (France).

Orig Pub : Gaz. woda, techn. sanit., 1958, 32, No 1, 5-7.

Abstract : A technological scheme is briefly described concerning the purification of coke gas prior to its transfer to an underground storage place (dust collectors before compressing, oil collector after compressing, adsorbers with activated carbon, final dust collector), as well as the methods presently used for the determination of ammonia compounds, phenols, organic sulfur compounds, cyanogen compounds, NO and butadiene in gas, and in addition, working efficiency of adsorbers in respect to the removal of those harmful components from the gas.

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ABSTRACT : A description of the Zeiss konometer and a paper filter apparatus assembled by the authors for the purpose of measuring the number and size of dust particles contained in purified gas (G) is given together with a description of apparatus for the purification of the G by acoustical methods and of an electrostatic precipitator developed at the Polish Coal Institute. The authors indicate that after purification by the above-indicated methods the residual dust content of the G investigated is about 0.013 gm per 1 cm³.

/a. Satunovskiy

CARD: 1/2

NAWARA, L.

TECHNOLOGY

PERIODICAL: GAZ, WODA I TECHNIKA SANITARNA. Vol. 32, no. 11, Nov. 1958

NAWARA, L. An experimental station of cathodic protection of gas pipes in Poland. p. 445.

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

NAWARA, L.

A few remarks concerning the establishment of new methods of anti-corrosive protection of underground metallic installations. p. 68.

GAZ, WODA I TECHNIKA SANITARNA. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Techników Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland.
Vol. 33, no. 2, Feb. 1959.

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

NAWARA, L.; POPIELSKI, W.

Selecting gas samples for analysis. p. 155.

GAZ, WODA I TECHNIKA SANITARNA. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Techników Sanitarnych, Orgrzewnictwa i Gazownictwa) Warszawa, Poland. Vol. 33, No. 3, March 1959

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

NAWARA, Leopolda

Determination of particles suspended in town gas. Koks 8 no.3: 89-93 My-Je '63.

1. Katedra Bezpieczenstwa Pracy, Akademia Gorniczo-Hutnicza, Krakow.

NAWARA, Leopolda

Noise in the gas industry. Koks 9 no. 3:90-95 My-Je '64.

1. Department of Industrial Safety, School of Mining and Metallurgy, Krakow.

NAWARA, Stanislaw, mgr. ins.

Automation of pump stations and water intake. Gaz woda tech sanit 36 no.6:213-215 Je '62.

KOMARNICKA, Romualda; NAWARA-WASOWSKA, Krystyna

A rare case of hypothalamic syndrome. Polskie arch. med. wewn 31 no.10:1419-1424 '61.
(HYPOTHALAMUS case reports)

HALIKOWSKI, B.; KALINOWSKA, B.; NAWARECKI, R.; SIKORSKI, S.; WNUK, A.

Functional disorders of renal carbonic anhydrases in so-called cerebral phase of tuberculous meningitis in children; preliminary communication. Pediat. polska 31 no.8:859-865 Aug 56.

1. Z Oddzialu Pediatrycz. Inst. Gruzlicy, W Sanatorium im. J. Marchlewskiego w Otwocku Kier. prof. dr. med. Fr. Groer, Otwock, ul. Korczaka, 5, Sanatorium im. J. Marchlewskiego.
(TUBERCULOSIS, MENINGEAL, in infant and child,
kidney carbonic anhydrase disord. in (Pol))
(KIDNEYS, metabolism,
carbonic anhydrase, disord. in tuberc. meningitis in child. (Pol))
(HYDRASES,
carbonic anhydrase, renal disord. in tuberc. meningitis in child. (Pol))

NAWARECKI, Edward

A certain logical automaton. Archiw automat 9 no. 2:213-222 '64.

1. Department of Automatic Control and Electronics, School of Mining and Metallurgy, Krakow.

NAWLOKA-BIELECKA, Krystyna

John C.Weaver's studies on the spatial structure of agriculture.
Przegl geogr 34 no.4:773-779 '62.

NAWOJK, K.

Dzialoszyn

P. 10 (TURYSTA) Poland, No. 8, Apr. 1957.

SO: Monthly Index of East European Acessions (AI. I) .ol. 6, No. 11, November 1957.

NAWOJSKA, H.

Country : Poland / P-3
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 87616

AUTHOR : Nawojska, H.
INST. :
TITLE : Materials on Zooecidiology of Torun and Its Vicinity

ORIG. PUB. : Studia Soc. scient. torunensis, 1957. Dz. No 2, 55

ABSTRACT : A listing of 165 species of gall-makers (insects and mites) from the district of Torun. 36 species of gall-makers are described for the first time.

CARD:

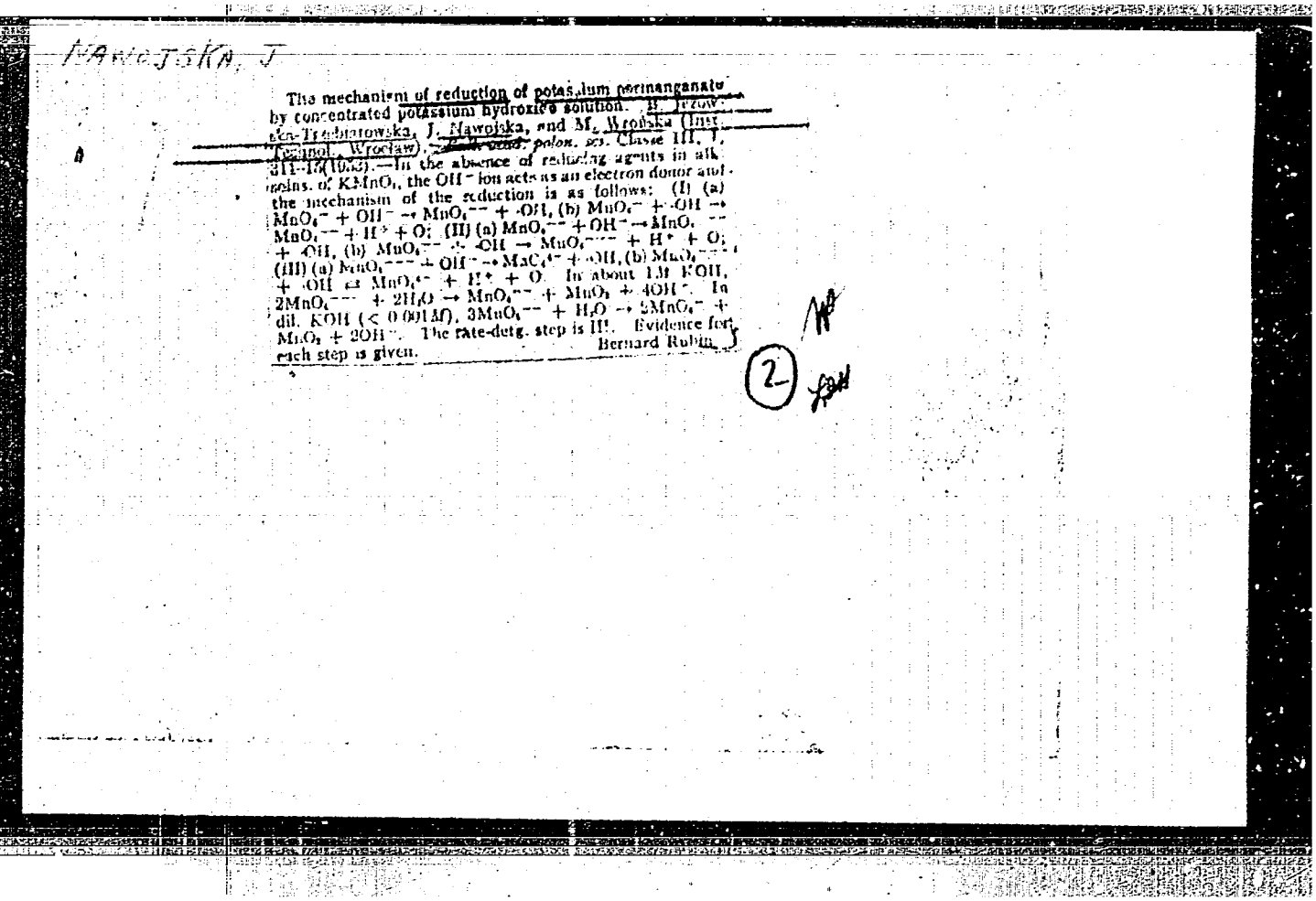
NAWOJSKA, JADWIGA Poland CA: 47:12073

with BOGUSLAWA JEZOWSKA-TRZEBIATOWSKA and MARIA WHONSKA

Univ., Wroclaw

"Quinquevalent manganese."

Roczniki Chem. 25, 405-16 (1951) (English summary)



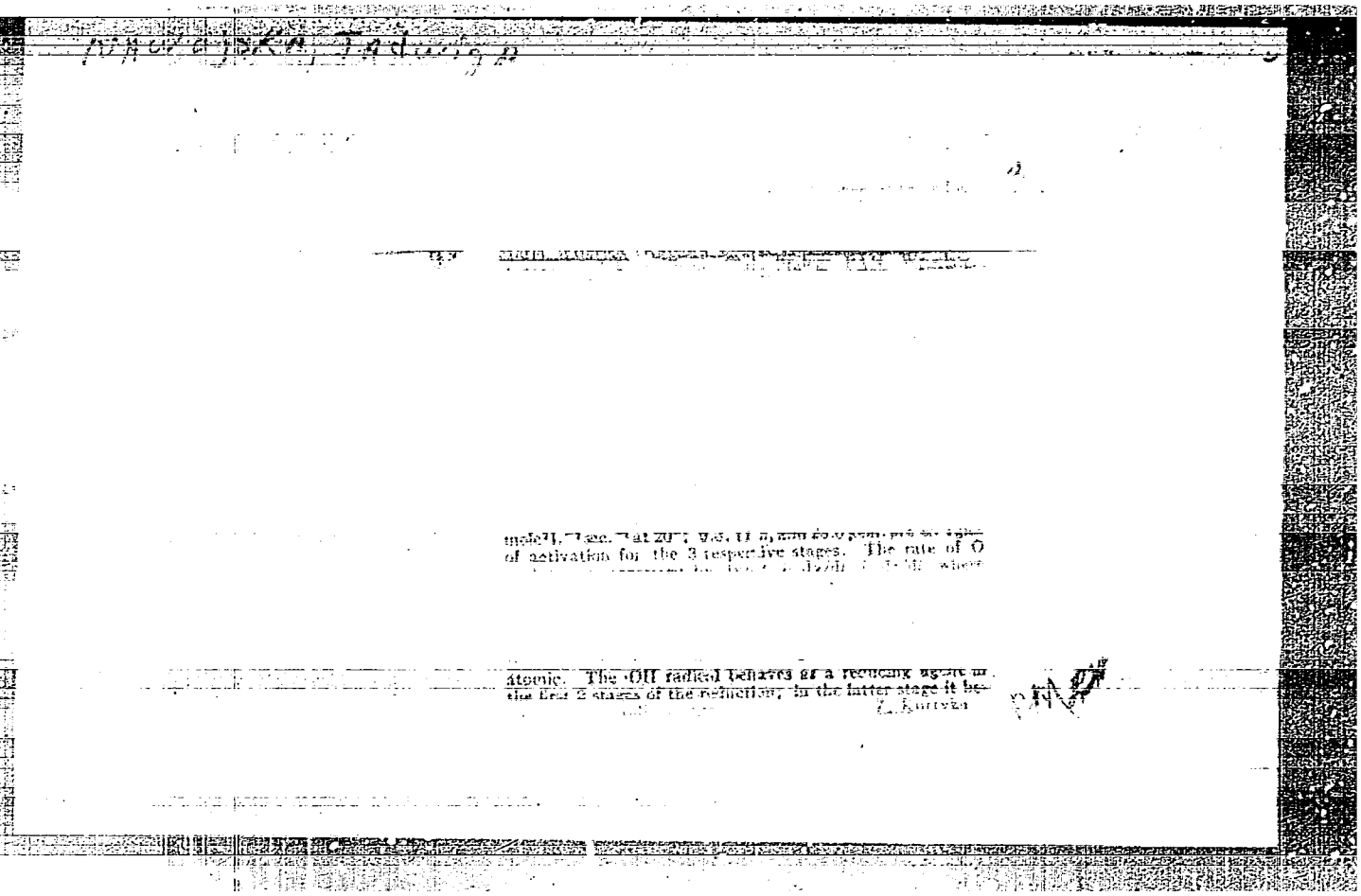
HANOTSKA, J

The mechanism of reduction of potassium permanganate by concentrated potassium hydroxide solution. H. Jezowska-Trzebiatowska, J. Nawojska, and M. Wrobska (Inst. Chem., Wroclaw). Bull. acad. polon. sci. Classe III, 1, 311-12(1953).—In the absence of reducing agents in alk. solns. of $KMnO_4$, the OH^- ion acts as an electron donor and the mechanism of the reduction is as follows: (I) (a) $MnO_4^- + OH^- \rightarrow MnO_4^{--} + OH$, (b) $MnO_4^- + OH \rightarrow MnO_4^- + OH^-$ → $MnO_4^{--} + H^+ + O$; (II) (a) $MnO_4^{--} + OH^- \rightarrow MnO_4^{---} + H^+ + O$; + OH, (b) $MnO_4^{--} + OH \rightarrow MnO_4^{---} + H^+ + O$; (III) (a) $MnO_4^{---} + OH^- \rightarrow MnO_4^{----} + OH$, (b) MnO_4^{---} + OH ⇄ $MnO_4^{----} + H^+ + O$. In about 1M KOH, $2MnO_4^{---} + 2H_2O \rightarrow MnO_4^{--} + MnO_2 + 4OH^-$. In dil. KOH (< 0.001M), $3MnO_4^{--} + H_2O \rightarrow 2MnO_4^- + MnO_2 + 2OH^-$. The rate-detg. step is III. Evidence for each step is given. Bernard Rubin

(2)

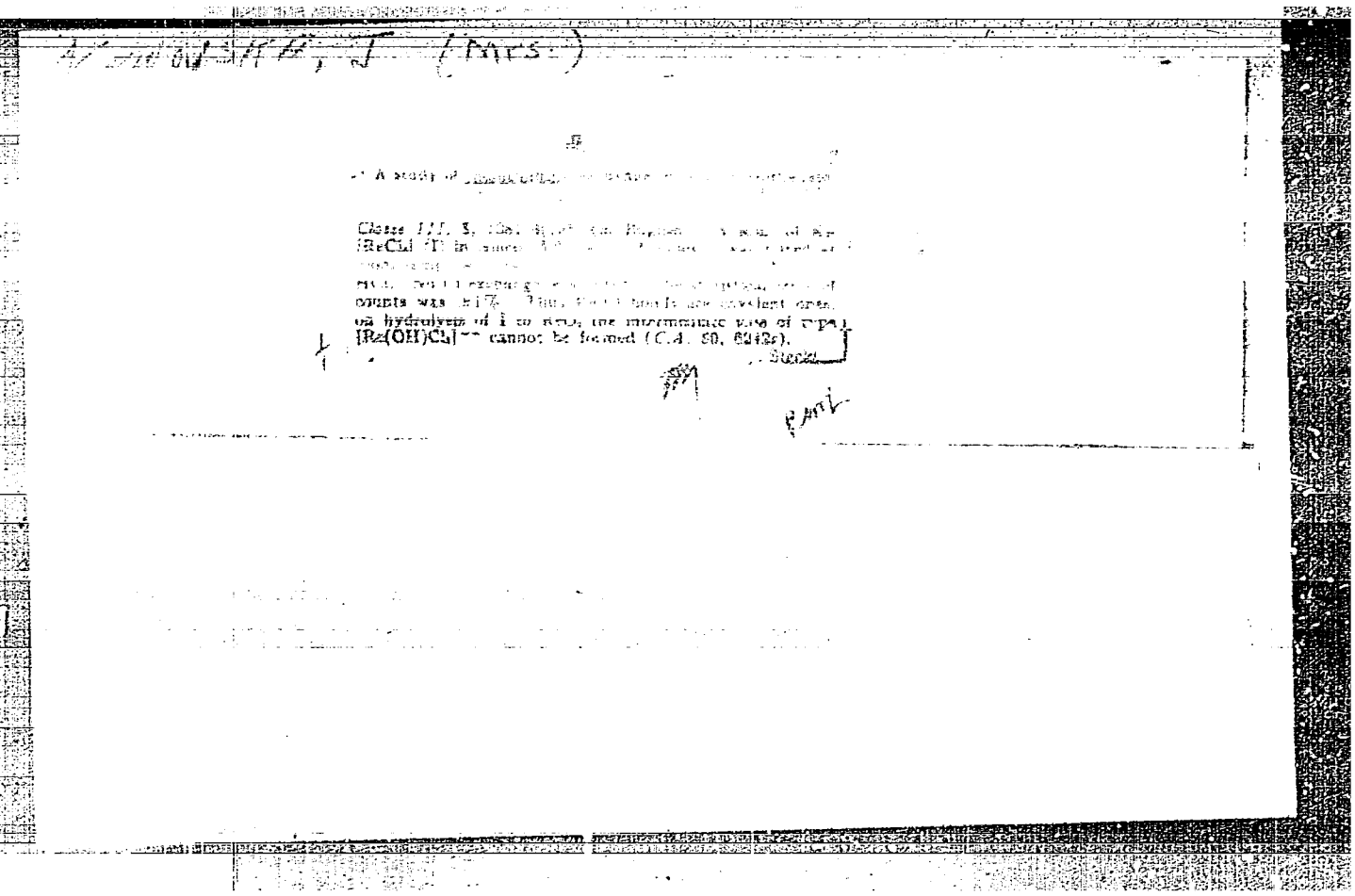
POL.

Kinetics of permanganate reduction by hydroxyl ions. B. Jeżowska-Trzebiatowska, J. Nawojska, and Ks. Wrońska. *Bull. acad. polon. sci., Chim.* III, 2, 147-51(1954). The successive reductions Mn(VII) → Mn(VI) → Mn(V) → Mn(IV) were studied kinetically to establish the mechanism of each step. Excess OH^- concn. was used to give solns. of const. ionic strength and to enable the reaction to be handled as pseudounimol. Reaction progress was detd. iodometrically. The order of each of the consecutive reactions was detd. by the half-life method. The mechanism of the Mn(VII) → Mn(VI) step is given by: $MnO_4^- + OH^- = MnO_4^{--} + {}^{\cdot}OH$; $MnO_4^{--} + OH^- + {}^{\cdot}OH = MnO_4^{---} + H_2O + O$; $O + OH^- \rightleftarrows HO_2^-$; $MnO_4^- + HO_2^- + OH^- \rightleftarrows MnO_4^{--} + O_2^- + H_2O$; $MnO_4^- + O_2^- \rightarrow MnO_4^{--} + O_2$. The reduction Mn(VI) → Mn(V) follows the same general pattern. The mechanism of the reduction Mn(V) → Mn(IV) is given by: $MnO_4^{---} + OH^- = MnO_4^{----} + {}^{\cdot}OH$; $MnO_4^{----} + 2H_2O \rightarrow MnO_2 + 4OH^-$. Cf. *C.A.* **48**, 9795e. Howard Neckamkin



of activation for the 3 respective stages. The rate of O

atomic. The OH radical behaves as a reducing agent in the last 2 stages of the reaction; in the latter stage it be-



NAWOJSKI, A

1013

Kuczyński L., Nawojski A. Separation fa Picoline fractions of Pyridine Bases.

„Rozdzielanie frakcji pikolinowej zasad pirydynowych". Przemysł Chemiczny. No. 4, 1955, pp. 190—193. 6 figs., 1 tab.

A description of the method of separating components of the picoline fraction of pyridine bases boiling at 142—143°C. By precipitation with phthalic acid, 2,6-lutidine was isolated as naphthalate. By decomposition with ammonia, 2,6-lutidine (freezing point -6.8°C) was obtained from 2,6-lutidine phthalate (m.p. 110°C). After removing 2,6-lutidine, 4-picoline was isolated from the mixture by precipitating as slightly soluble salicylate of melting point 82°C, purified by crystallisation from carbon tetrachloride or benzene. By decomposing with ammonia, 4-picoline salicylate gave 4-picoline (freezing point -4.5°C). 3-picoline (freezing point -26°) was obtained from residual thick oil of 3-picoline salicylate. The method makes it possible to obtain a good yield of pure 2,6-lutidine, 4-picoline and 3-picoline (of above 85% purity).

A. Nawojski

The separation of the picoline fraction of pyridine bases. L. Kuczyński and A. [redacted] (Zakład Technol. Chem. Środków Leczn. Akad. Med., Wrocław, Poland). *Przemysł Chem.* 14, 190–3(1958)(English summary).—The picoline fraction (1620 g.) was dissolved in 900 g. phthalic acid on a water bath at 60°, the crystals of 2,6-lutidine phthalate (I) (1060 g.) filtered off, washed with petroleum (b. 80–100°) (II), and dried, m. 118°. To the filtrate inoculated with crystals of I, 1400 g. II was added dropwise pptg. more I and a small amt. of 4-picoline phthalate (III); total yield of I 280 g. To 1000 g. I in 1 l. H_2O was added 650 ml. concn. NH_4 sepg. 400 g. 2,6-lutidine (IV). The rest of the IV was extd. from the aq. soln. with C_6H_6, mixed with the 1st fraction, dried with NaOH, and distd. giving 91.8% IV, b. 144–5°. The phthalic acid was regenerated by neutralizing with 40% H_2SO_4 (Congo red), filtering, rinsing, and drying; 92–3% recovery. The II soln. contg. 1050 g. 3-picoline phthalate (V) and III was refluxed on an H_2O bath with 562 g. salicylic acid to soln. and kept overnight to ppt. 4-picoline salicylate (VII), which was filtered off, washed with II, and dried to yield 630 g. VII, m. 81–3°. More VII (623 g.) was added to the filtrate, refluxed to soln., filtered the next day, washed with II, and dried yielding 620 g. VII, m. 81–3°. Both fractions of VII (1440 g.) were recrystd. from CCl_4 giving 2 fractions of VII: (a) 1200 g., m. 82°; (b) 310 g., m. 74–5°. 4-Picoline (VIII) was obtained from 1000 g. VII by dissolving in 1 l. H_2O, adding 570 g. concd. NH_4, extg. with C_6H_6, drying with NaOH, and distg. yielding 90.4% VIII. The II filtrate left after sepn. of VII consisted of 2 parts: (a) II soln.; (b) an oily phase of 3-picoline salicylate (IX) contaminated with VII and 2,6-lutidine salicylate (X). Part (b) was treated with NH_4 as was VIII yielding 66.4% 3-picoline (XI), m. −28°, contaminated with IV and VIII (content of XI 85%). The salicylic acid was regenerated by acidifying with 40% H_2SO_4 to Congo red yielding 97.2% acid, m. 154°. L. G. Manitius

WAKOWSKI, A.

Synthesis of heterocyclic aldehydes by the use of pyridine salts. [illegible].
(WIADOMOSCI CHEMICZNE. Vol. 11, no. 1, Jan. 19[illegible], Wroclaw, Poland)

SO: Monthly List of East European Accessions (EEAL), LC. Vol. 6, no. 12, Dec. 19[illegible].
Uncl.

"ANOJSKI, A.

Chromatographic separation of race ic co poun s. p. 15.
(CHEMOSCI CHEMICZNE. Vol. 11, no. 1, Jan. 19[illegible], Wroclaw, Poland)

SO: Monthly List of Eas[illegible]uropean Accessions (EEAI) LC, Vol. 6, no. 1, Dec. 19[illegible].
Uncl.

NAWOJSKI, Adam

Obtaining of sorbite in a continuous process. Chemia stosow 4 no.3/4: 453-477 '60. (EEAI 10:9)

1. Katedra Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej we Wroclawiu.

(Sorbitol) (Hydrogenation) (Glucose)
(Catalysts) (Nickel)

NAWOJSKI, A.

Metallic catalysts for hydrogenation of olefins without pressure. Wiad chem 17 no.1:50-51 Ja '63.

NAWOJSKI, A.

Introduction of the dichloromethyl group into aromatic hydrocarbons. Wiad chem 17 no.2:115-116 F '63.

NAWOJSKI, A.

Reactions of elementary phosphorus with acrylonitrile and organometallic compounds. Wiad chem 17 no. 4: 253-254 Ap '63.

NAWOJSKI, A.

Synthesis of 3-indolylic acids. Wiad chem 17 no. 4: 255 Ap '63.

NAWOJSKI, A.

New method of obtaining carbodiimides. Wiad chem 17 no. 5: 303-304 My '63.

Azaphenothiazines and their derivatives. Ibid.: 304-305.

NAWOJSKI, Adam, dr, adiunkt

Diazepines. Pt. 1. Wiad chem 18 no.12:673-693 D '64.

1. Department of Chemical Technology of Drugs of the School of Medicine, Lodz. Submitted April 30, 1964.

BATKO, Bronislaw; NAWRAT, Jan

A case of Zollinger-Ellison syndrome. Polski tygod. lek. 16 no.30: 1157-1159 Jl '61.

1. Z Oddzialu Chorob Wewnetrznych Szpitala Wojskowego w Gliwicach; ordynator: lek. med. Bronislaw Batko.

(PEPTIC ULCER compl)
(ISLANDS OF LANGERHANS neopl)
(CYSTADENOMA compl)

NAWRATIL-TRYBOWSKA, Elfryda (Rabka)

Convention of former students of the first two semesters of geography at the Jagiellonian University for the year 1932/33. Czasop geogr 35 no.2:247-248 '64

NAWROCKA, Bogumila, ins.

Gas supply during the peak demand by utilizing the elastic units.
Gaz woda tech sanit 36 no.6:207-208 Je '62.

NAWROCKA, E.

Water balance of Lake Balaton. Przegl geofiz 8 no.4:236-238 '63.

MAWROCKA, Renata

Activities and methods of the Information Department of the Institute of Documentation in Berlin. Akt probl inf dok 7 no.4:48-65 Jl-Ag '62.

NAWROCKA-KANSKA, B.

Schwarbak's thermoregulation phenomenon in newborn. Pediat. polska 28 no.9:873-876 Sept 1953. (CIML 25:5)

1. Of the Pediatric Clinic (Head--Prof. H. Hirszfeldowa, M.D.) of Wroclaw Medical Academy.

MAMROCKA-KANSKA, Barbara

Problems of physiology of thermoregulation. Postepy hig. med. doswiadcz. 8 no.2:271-287 1954.

1. Klinika Chorob Dzieci AM. I.Bialystok, ul. Piwna 14.

(BODY TEMPERATURE,
*regulation, physiol.)

995. NAWROCKA-KAŃSKA B. 1. Klin. ped. Akad. med., Wrocław *Próba piramidonowa u niemowląt. The pyramidon test in infants PEDIAT. POL. 1954, 29/1 (53-60) Graphs 1

Anal temperatures were determined before and after oral administration of pyramidon (0.1 g. in a 1% solution) in 52 infants. In 10 cases showing infectious pyrexia there was a decrease in temperature of 0.5-2.0° C. The test was negative in 23 normal children. When pyramidon causes a decrease in temperature in apparently normal children, this suggests a disturbance in thermal regulation which may be followed by a febrile attack (as seen in 4 cases). The test was also positive in 16 dystrophic infants, who showed no febrile temperature despite an infectious disease. A fall in temperature (positive pyramidon test) may therefore be interpreted as a sign of pathological disturbances in thermal regulation. Five curves are presented. Mayerhofer Zagreb

MAWROCKA-KANSKA, Barbara, dr. (Bialystok, ul. Malmeda 10 m.5), OK-KION, Hion
TORENCKI, Zenon

Unusual complication of biliary ascariasis in Korean children.
Pediat. polska 33 no.1:96-102 Jan 58.
(ASCARIASIS, in inf. & child.
biliary tract, pathol (Pol))
(BILIARY TRACT, dis.
ascariasis in child., pathol. (Pol))

NAWROCKI, A.

Stretching device in the "Elastic" crocheting knitter, p. 49. (ODZIEZ, Lodz, Vol. 6, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), Vol. 4, No. 6, Jun. 1955, Uncl.

NAWROCKI, A.

Automatic disconnectors in cylindrical knitting machines of the plastic type. p. 91.

ODZIEZ, Lodz, Vol. 6, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. -, no. -, Oct. 1959, Uncl.

ACCESSION NR: AT4022287 P/2535/64/000/012/0053/0055

AUTHOR: Nawrocki, Andrzej (Master of engineering)

TITLE: Design of the experimental reactor at the institute of nuclear physics in Krakow

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 99, 1964. Energetyka, no. 12. Materialy na Konwersatorium Spotkanie Techniki Konwencjonalnej z Technika Nuklearna (Materials of the Conference on General and Nuclear Engineering), 53-55

TOPIC TAGS: nuclear reactor design, nuclear reactor construction, reactor core, reactor fuel elements, reactor cooling, reactor shielding, reactor housing, experimental nuclear reactor

ABSTRACT: The design of the pool-type reactor of the Instytut Fizyki Jadrowej (Institute of Nuclear Physics) in Krakow, which is described and discussed in this article, was modified on the recommendation of Soviet experts and on the basis of suggestions made at the III. International Conference of Reactor Physics and Engineering in Prague/CZECHOSLOVAKIA, April 1963. The construction of this reactor follows the principle of the IRT reactor and is aimed at

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ACCESSION NR: AT4022287

providing the facilities for conducting basic research and for training the staff of specialists. Its thermal power is rated at 5 megawatts and its core is to have 25-42 fuel cells with three elements each. Graphite or beryllium is to be used as reflector material. The maximum thermal neutron flux is expected to be 6×10^{13} n/cm^2-sec, uranium-235 to be enriched by 36%. Two parallel rows of 7 rods each will be provided for regulation and safety; their telescopic construction and location inside the fuel sections make it possible to remove the entire channel from the core in case of emergency or if it is required for performing certain technical operations. The reactor can be started automatically; also the power can be regulated and the compensation for reactivity changes can be adjusted. The emergency system works on signals of either physical (power, period) or technical (loss of supply voltage, increased temperature of the distillate) nature. The cooling is accomplished by means of a semiclosed circulating system where the destillate flows between core and heat exchanger at the rate of about 1000 m^3/hour. The surface temperature of the fuel element will thus not exceed 90°C and the large deactivation capacity makes the installation of special biological shielding in the circulatory system unnecessary. In case of pump failure, the chain reaction and further heat generation in the core are

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ACCESSION NR: AT4022287

discontinued; in addition, an emergency cooling system was designed for carrying away the heat from the beta and gamma fissure products. The reactor is shielded by a column of destillate 6 meters high in a pool on top and a concrete/ water wall around. The reator is furnished with a large amount of experimental apparatus, namely horizontal channels for work on neutron beams and vertical channels for irradiation tests and isotope production. The fuel sections can be transported between the reactor pool, the shelter and the hot chambers. The pool offers many possibilities for irradiating heavy elements directly at the core or for mounting an indium-gallium loop for irradiation in a homogeneous gamma field. The reactor body is located in a hermetic housing made of reinforced concrete covered with aluminum in the shape of a truncated ellipsoid. Most of the apparatus is also installed inside this housing, namely: the circulatory pump, the isotope stockpile and the hot chambers in the so-called dirty area; the central dosimetry and control station in a passage between the open part of the housing and the northern wing with remaining operational accessories; the physics laboratories are installed in the eastern wing - the radiochemistry laboratories in the western. Full facilities such as ventilation, sewage, electricity, compressed air, gas a.o. are provided everywhere according

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ACCESSION NR: AT4022287

to the requirements and with full consideration of safety rules.

ASSOCIATION: Instytut Fizyki Jadrowej, Krakow (Institute of Nuclear Physics)

SUBMITTED: 00 DATE ACQ: 13Apr64 ENCL: 00

SUB CODE: NS, SD NO REF SOV: 000 OTHER: 000

Card 4/4

NAWROCKI, Andrzej

Contribution to surgery of the nasal septum using so-called method of "broad approach". Otolaryng. Pol. 19 no.3:379-382 '65.

1. Z Oddzialu Otolaryngologicznego Szpitala Miejskiego w Gdyni (Ordynator Oddzialu: doc. T. Gerwel).

NAWROCKI, Edmund

GOLENIOWA, Anna; NAWROCKI, Edmund

A case of acute renal insufficiency with azotemia during mastoiditis. Pediat. polska 31 no.12:1356-1358 Dec 56.

1. Z Kliniki Chorob Dzieciecych A.M. w Poznaniu Kierownik: prof. dr. med. T. Rafinski, ul. Magdaleny 14.

(KIDNEY DISEASES, in inf. & child
acute renal failure, with azotemia, in mastoiditis)
(NITROGEN, in blood
excess, in acute renal failure in mastoiditis, in child.)
(MASTOIDITIS, in inf. & child
with acute renal failure & azotemia)

NAWROCKI, E

DEMBINSKA-WIDY, Ludmira; NAWROCKI, Edmund; SZCZEPSKI, Olech

Catamnestic follow-up of children with tuberculous encephalomeningitis. Polski tygod. lek. 12 no.36:1397-1398 2 Sept 57.

1. Z Kliniki Chorob Dziecicych A. M. w Poznaniu; kier.: prof. dr T. Rafinski. Adres: Poznan, Klinika Chor. Dziec. A. M.

(TUBERCULOSIS, MENINGEAL, in inf. & child
tuberc. meningoencephalitis, catamnestic follow-up (Pol))

RAWROCKI, Edmund

RAFINSKI, Teodor; FLOKIEWICZOWA, Leonadis; RAWROCKI, Edmund

Supplementary stimulation therapy of tuberculous meningitis and of military tuberculosis in children. Polski tygod. lek. 12 no.39:1503-1507 Sept 57.

1. Z I Kliniki Chorob Dziecicych A. M. w Poznaniu; kierownik Kliniki; prof. dr. med. Teodor Rafinski. Adres: Poznan, ul. Magdalany 14 I Klin. Chor. Dziec. A. M.

(TUBERCULOSIS, MENINGEAL, in infant and child, tissue ther. with other technics (Pol))
(TUBERCULOSIS, MILIARY, in infant and child, same)
(TISSUE THERAPY, in var. dis. tuberc., meningeal & miliary, in child., with other methods (Pol))

POLAND

RYPAKOSKA, Urszula and NAWROCKI, Edmund: First Clinic of Children's Diseases (I Klinika Chorob Dzieci), AM [Akademia Medyczna -- Medical School] of Poznan, Director: Prof Dr Med T. RAFINSKI.

"Katamnestic Examination of Children with a History of Hemolytic Disease as Newborns"

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 5, 28 Jan 1963, pp 168-170.

Abstract: [Authors' English summary modified] Katamnestic examinations of children born to parents with serological conflicts are reported. 16 children were examined, 5 of them had been treated with ACTH and small blood transfusions and 11 with exsanguino-transfusion and ACTH. Among 16 children mental and physical development was normal, only 1 child treated with exsanguino-transfusion and ACTH showed slight inhibition of mental development.

The treatment had been started on the second or third

1/2

— 6 —

2/2

NAWROCKI, JAN

SURNAME, Given Names

Country: Poland

(2)

Academic Degrees: [not given]

Affiliation: [not given]

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 8, August 1961, pp 467-468.

Data: "Control of Cattle Tuberculosis on the Terrain of Zakopane."

Authors:
GAILHOFER, Jan
NAWROCKI, Jan
PORAWSKI, Wieslaw.

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(FD 9616)

NAWROCKI, Janusz, inz.

Pump station of the dry dock of the Komuna Paryska Shipyard in Gdynia. Tech gosp morska 13 no. 7/8:228-229 Jl-Ag '63.

1. Design Office for Maritime Constructions, Gdansk.

-Nawrocki, Jerzy-

Dextran. I. Synthesis of dextran by Leuconostoc mesenteroides Władysław Mański, Zofia Skurska, and Jerzy Nawrocki (Inst. Immunol. and Exptl. Therap., Wrocław, Poland). *Arch. Immunol. i Terap. Doświadczalnej* 1, 321–34(1953)(English summary).—*Leuconostoc mesenteroides* produces dextran on a standard nutrient medium, incubated at 22°. The production of dextran was measured colorimetrically. It responded favorably to inclusion of yeast autolyzate in the medium, unfavorably to sucrose. NH_4^+, Mg, and Na increase dextran synthesis; Zn, Sn, and Pb decrease it. K and Fe at first increase, and later decrease, the rate of dextran production. Ca has no clear-cut influence; Cu, Ni, Co, and Sb completely inhibit growth. Mn increases most markedly the synthesis of dextran. II. Hydrolysis and fractionation of dextran. Władysław Mański, Helena Kozdroj, and Barbara Klubińska. *Ibid.* 335–52. Hydrolysis and fractionation of dextran were carried out under different exptl. conditions. Polydispersion was detd. by nephelometric titration. Differences in the ale. concn. and differences in temp. influence polydispersion and the degree of polymerization of the insol. substances. During hydrolysis the range of mols. stepwise degraded is larger for concd. acids than for dil. ones.

Anna H. Koffler

NAWROCKI, Jerzy

Contribution to the theory of material speed on the sifter.
Gorniotwo Gliwice no.5:23-29 '63.

MAUROCKI, Jerzy

Empirical determination of screen surfaces. Cornigtwo Gliwice no.5:75-86 '63.

DIETRYCH, Janusz, prof, dr. inz.; NAWROCKI, Jerzy, dr. inz.

Improved methods of calculating the speed of the material on the sieve of a screen. Przegl gorn 19 no.5:222-224 My '63.

NAWROCKI, Jerzy

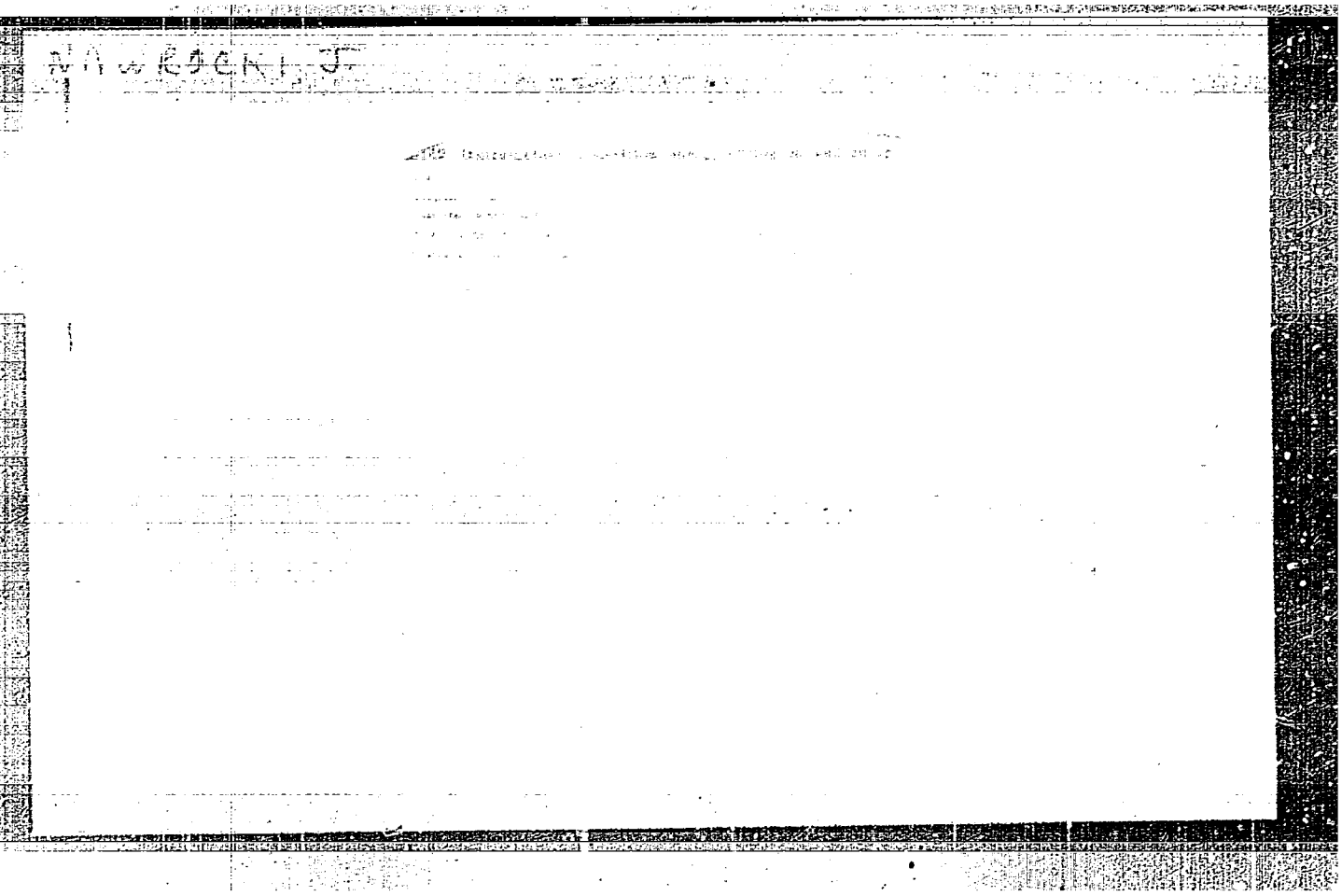
Selection of optimum dimensions of the sieve holes with regard to the shape of the grain. Gornictwo Gliwice no.9:3-13 '64.

NAWROCKI, Jerzy, dr inz.

Evaluation of formulas most often used for the computation of sifter surfaces as based on experiments. Przegl gorn 19 no.11: 440-442 N '63.

NAWROCKI, Jerzy, dr inz.

The CERCHAR Study and Research Center on Coal Mining in France.
Przegl gorn 21 no.2:86-87, 90 F '65.



NAWROCKI, J.

Coefficients of energy waste in the electric heating of oil wells. Biuletyn. p.1 (NAFTA, Vol. 13, No. 3, Mar. 1957, Krakow, Poland)

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

NAWROCKI, J. ; MACHNIK, W.

The consumption of electric power by pumping the oil wells.

P. 3. (INZYNIERIA I BUDOWNICTWO) (Warszawa, Poland) Vol. No. 51, 1957

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

NAWROCKI, J.

Measuring the temperature of a borehole with a resistance thermometer.
p. 140

WIADOMSKI NAFTOWE. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Naftowego i Zwiazku Zawodowego Gornikow Naftowcow) Krosno, Poland, Vol. 5, no. 6, June 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 9 no. 2, Feb. 1960

Uncl.

NAWROCKI, J. ; DIETRYCH, J.

The evaluation of granulometric changes of coal in the light of Bennet's formula. p. 522.

PRZEGLAD GORNICZY. (Stowarzyszenie Naykowo-Techniczne Inzyierow i Technikow Gornictwa) Katowice. Poland.
Vol. 15, no. 10/11, Oct./ Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no.2, Feb. 1959.

Uncl.

NAWROCKI, J. ins.

A cost analysis of combustion and electric drive in the boring industry. Nafta Pol 18 no.6:Suppl.: Biul.Inst.Naft. 12 no.4:8 '62.

NAWROCKI, Jozef, inz.

Electric heater for thermal treatment of petroleum. Nafta Pol 19 no.1: 14-16 Ja '63.

1. Instytut Naftowy, Krakow.

NAWROCKI, Jozef, inz.

Results of experiments of using electric heaters in thermal processing of petroleum. Nafta Pol 20 no. 7:Suppl.Biul inst naft 14 no. 5/6:11 '64.

MAJROCKI, Leonard

Studnie na wsi; informator. (Wyd. 1.) Warszawa, Wydawnictwo i Składnica Ksiąg dla Rolnictwa (1955) 107 p. (Wells in the village; information. 1st ed. Illus., tables)

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

NAWROCKI, L.

"Disinfecting Wells and Domestic Water in Rural Areas", (To be contd.). P. 26. (BUDOWNICTWO WIEJSKIE, Vol. 6, No. 3, May/June 1954, Warszawa, Poland)

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

NAWROCKI, L.

"Sedimentation Tanks for Cleaning Sewage from Sand," P. 30. (BUDOWNICTWO WIEJSKIE, Vol. 6, No. 5, Sept./Oct. 1954, Warszawa, Poland)

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

LISZKA, Edward; NAWROCKI, Leszek

Epulis and the problem of its treatment. Pol. przegl. chir. 34 no.12: 1257-1264 '62.

1. Z Instytutu Onkologii Oddzial w Gliwicach. Dyrektor Instytutu: dr J. Swiecki. Kierownik Oddz. Chirurg.: dr W. Galecki.
(GIANT CELL TUMOR)

LISZKA, Edward; NAWROCKI, Leszek

Electrocoagulation in the treatment of recurrent malignant tumors of soft tissues. Pol. przegl. chir. 34 no.12:1275-1280 '62.

1. Z Oddzialu Chirurgicznego Instytutu Onkologii w Gliwicach. Dyrektor: dr J. Swiecki, Kierownik Oddz. Chir.: dr W. Galecki.
(NEOPLASMS) (ELECTROCOAGULATION)

NAWROCKI, S.

"Publishing Plan of State Communication Publications for 1954," P. 176.
(PRZEGLAD TECHNICZNY, Vol. 75, No. 5, May 1954. Warszawa, Poland)

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

NAWROCKI, S.

A few remarks on the Olesnica or Chodziez paper mill.

P. 59. PRZEGLAD PAPIERNICZY) (Lodz, Poland) Vol. 13, no. 2, Feb. 1 57

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

NAWROCKI, Stefan, mgr inż.

Push trucks in inland navigation. Bud okrętowe Warszawa 7 no.10:327-331 O '62.

1. Katedra Teorii Okrętu, Politechnika Gdańsk.

NAWROCKI, Stefan, mgr inz.

Model testing of the propelling and resisting characteristics of the Bizon type pusher-tug. Bud okretowe Warszawa 10 no.3:80-82 Mr '65.

1. Department of Theory of Ships of the Gdansk Technical University.

P/035/60/000/019/002/004
A076/A026

AUTHORS: Jasiński, Zdzisław; Wesołowski, Władysław; Engineers; Nawrocki, Tadeusz, Master of Engineering

TITLE: The Wielkopolska Mechanical Equipment Plant "Wiepofama"

PERIODICAL: Przegląd Mechaniczny, 1960, No. 19 - 20, pp. 589 - 591

TEXT: The authors review the production history of the Wielkopolska Fabryka Urządzeń Mechanicznych "Wiepofama" (Wielkopolska Mechanical Equipment Plant, "Wiepofama") in Poznań, they describe the products before and after WW II. The first two turning lathes produced after WW II were the TP-225 and the TU-210, which were followed by the TR-45 whose documentation was supplied by the Fabryka Urządzeń Mechanicznych Poręba (Mechanical Equipment Plant Poręba). The demand for the TR-45 turning lathe grew in the following years and the production of the TP-225 and the TU-210 was transferred to other plants. During 1950 - 55, the plant was expanded and during 1952 - 54, in spite of small production space, the plant employing 800 workers produced 500 turning machines annually. In 1953, production was started of the copying lathe Type TGA-18 capable of machining shafts 180-mm in diameter and 1,000-mm long. Series production of the above type was done by the Fabryka Urządzeń

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A076/A026

The Wielkopolska Mechanical Equipment Plant "Wiepofama"

Mechanicznych (Mechanical Equipment Plant) in Wrocław. For the needs of motor, textile and electrotechnical industries a new type multi-stand turning lathe type TWA--20 was produced in 1953 and was later stopped again as production of universal turning lathes Type TWB-20 and TWB-30 began. Due to the fact that the home demand for high-precision tool lathes increased in 1954, the TUB-32 turning-lathe was designed and produced. Further products of this plant were the TUB 32 high-speed universal turning lathe; the TWA-20 and the TWB-20 turning lathes; the TUK-40 universal lathe; drilling machines Type LP-1, LP-2, LP-3; lathes Type TUB-32; LU-1-7; JBN-3 and LU-1. There are 11 photographs.

ASSOCIATION: Wiepofama (Wiepofama)

Card 2/2

NAWROCKI W.K.

135. NAWROCKI W.K. and SMELANSKI Z.B. *Zasady i metody higienicznego normowania czynników środowiska zewnętrznego w przemyśle. Methods of hygienic standardization of the environmental factors in industry MED. PRACY 1956, 7/6 (377-385) Tables 1

Toxic vapours, gases, dust, microclimate and ionizing radiation, high frequency currents, noise, vibrations etc. are dealt with. Existing standards are not satisfactory and must be revised, especially for toxic gases. Standardization cannot be carried out on the basis of threshold values, because this does not exclude the effect of lower diseases in the long run. The latter can be worked out after a long observation of workers. Clinical examinations would be most important if carried out simultaneously with investigations of environmental hygiene.

KIESZ, Wadiusz; MARCINKIEWICZ, Marian; NAWROCKI, Zbigniew

A case of associated 5 developmental defects. Wiad. lek. 18 no.2:167-171 15 Ja '65

1. Z Oddzialu Chorob Wewnetrznych II (ordynator: lek. med. W Kiesz) i z Pracowni Radiologicznej Szpitala Miejskiego w Starachowicach (kierownik: lek. med. Z. Nawrocki).

NAWROT, AUGUSTYN

PARYSKI, Edwin, Zakopane, Chramcowki 987; NAWROT, Augustyn

A simple method of sugar determination in blood and other fluids.
Polski tygod. lek. 10 no.6:190 7 Feb 55.

1. Z centr. laborat. panstw. zespolu sanatoriow przeciwgruzlicsych w Zakopanem; kierownik: dr. E.Paryski.
(CARBOHYDRASES, in blood
sugar determ., simple method)
(BLOOD
sugar determ., simple method)

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna; MAWROT, Augustyn; BARTNICKA, Janina

Late results of the treatment of acute pulmonary tuberculosis in guinea pigs with isonicotinic acid hydrazide administered once every one and three days. Gruzlica 24 no.6:455-459 June 56.

1. Z Centralnego Laboratorium Panstwowego Zespolu Sanatorium Przeciwgruzlicznych w Otwocku, Kierownik Laboratorium: dr. med. T. Zebrowski, Dyrektor Zespolu: dr. med. W. Zajaczkowski, Otwock, ul. Reymonta 53 m 5.

(TUBERCULOSIS, PULMONARY, experimental,
eff. of isoniazid, admin. every one & three days (Pol))
(ISONIAZID, effects,
on exper. pulm. tuberc., admin. every one & three days (Pol))

NAWROT, Augustyn

ZEBROWSKI, Tadeusz; HERBERT-ZEBROWSKA, Halina; NAWROT, Augustyn

Simple semi-micro method in determination of blood sugar.
Polski tygod. lek. 12 no.10:359-361 4 Mar 57.

1. (Z Centralnego Laboratorium Panstw. Zespolu Sanat. Przeciwgruzl. w Otwocku; kierownik dr. med. T. Zebrowski; dyrektor Zespolu: dr. W. Zajaczkowski).
(BLOOD SUGAR, determ.
simple semi-micro method (Pol))

NAWROT, J

Nawrot J.

Nawrot J., Eng. and Moj C. "Observations on the Tanning of Sole Leathers with B.N.S. Rotanin." (Spostrzezenia na temat garbowania skor podeszwowych Rotanaia B.N.S). Przeglad Skorglad Skorzany, No. 3-4, 1950, pp. 19-20, 1 tab.

The article contains the results of experimental tanning with a synthetic tanning material B.N.S. - Rotanin of Polish production. The tests were carried out on an individual scale, under normal production conditions, special analyses being made to determine the content of combined tanning and water-soluble matter, not only in finished leather, but also in intermediate products, after tanning in rocker yard and in two tanning pits (for test purposes). A certain novelty in the process employed by the authors is the use of a separate first tanning pit filled exclusively with synthetic extract (B.N.S.). The results obtained under working conditions, in so far as quality of the leather is concerned, are entirely satisfactory.

SO: Polish Technical Abstracts - No. 2, 1951

Nawrot, J.

NAWROT, J.

Supplementary locks on point switches at crossovers; also, remarks by Jan Laczynski.

p. 201 (Przeglad Kolejowy Drogowy. Vol. 8, no. 9, Sept. 1956. Warszawa, Poland)

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

NAWROT, M.

NAWROT, M.; WOYNAROWSKI, Z.

"Work of offices for design of low-tension switchgear." p. 457. (Przeglad Elektrotechniczny, Vol. 29, no. 11/12, Dec 53, Warszawa)

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

NAWROT, R.

The fullfillment ofthe half-year plan in the Ostrow State Forest District. p. 44
(Las Polski, Warszawa, Vol. 30, no. 9, Sept. 1956.)

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

NAWROT, S.

"The Word Specjalny," P. 107. "[illegible] Technical Terminology," P. 108
(WIADOMOSCI, Vol. 22, No. 2, Feb. 1954. Warszawa, Poland)

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

NAWROT, S.

NAWROT, S. Proper evaluation of calfskins. p. 236. Vol. 10, no. 10, Oct. 1955. PRZEGLAD SKORZANY. Lodz, Poland.

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

POLAND/Chemical Technology. Chemical Products and Their Application. Leather. Fur. Gelatine. Tanning Materials. Industrial Proteins.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6937.

Author : Nawrot, Stanislaw.
Inst :
Title : From the Experience in the Leather Industry in GFR.

Orig Pub: Przegl. skorzenn, 1956, 11, No 11, 277-280.

Abstract: Materials referring to the general trend of the industry of footgear uppers in GFR and methods of production of leather with wrinkled face are presented. The new unusual kind of leather with wrinkled face makes it more possible to utilize raw materials with flaws on its face, as well as improves the appearance of leather made of these raw materials (the effect of dyeing by the method

Card : 1/2

NAWROT, T.

The regulation of trussings in vaulted xxxx constructions. p. 11.
BUDOWNICTWO PRZEMYSLOWE. (Ministerstwo Budownictwa Przemyslowego) Warszawa, Vol 4 No. 10, Oct. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 5, No. 7, July 1956.

HAWROT, T. : JABECKI, A.

The Baltograf 200, a modern apparatus for the examination of welds. p. 377.
Publishing activities of the Institute of Building Construction. p. 379.
Vol 12, no. 11, Nov. 1955. INZYNIERIA I BUDOWNICTWO. Warsaw, Poland.

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

NAWROT, T. : JABECKI, A.

Problem of planning the measurements of groin joints connecting round rods. p. 413.
Publishing activities of the Institute of Building Construction. p. 415.
Vol 12, no. 12, Dec. 1955. INZYNIERIA I BUDOWNICTWO. Warsaw, Poland.

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

[illegible]

Optical research on the elasticity of cross joints of road roads.
p. 91
Resolutions accepted at the scientific-technical [illegible] Moscow, November 4-5, 1955. p. 98

[illegible] vol. 6, no. 4, apr. 1956

Roland

so. [illegible] vol. 5, no. 10, Oct. 1956

NAWROT, T.

Causing artificial welding defects with the help of asbestos.

p. 203 (Przeglad Spawalnictwa. Vol. 8, no. 8, Aug. 1956. Warszawa, Poland)

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

NAWROT, T.

The weldability of drawn steel used as reinforcement.

P. 211 (Inzynieria IBudownictwo. Vol. 13, NO.5, May, 1956, Warszawa, Poland)

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

NAWROT, T.

Pipe scaffoldings of the PKIN type. (To be condt.)

P. 219 (Inzynieria I Budownictwo. Vol. 13, no. 5, May, 1956, Warszawa, Poland)

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

NAWROT, T.

NAWROT, T. The examination of butt-welded bars. p. 445. Vol. 13, no. 12, Dec. 1956. INZYNIERIA I BUDOWNICTWO. Warszawa, Poland.

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