KREČMER, V., inz., CSc.

Ten years of the Commission of Bioclimatology of the Czechoslovak Academy of Sciences. Meteor zpravy 16 no.3/4:112-113 Ag '63.

1. Bioklimatologicka, Ceskoslovenska akademie ved.

COLIC, Svetzar B., ing. (Beograd, Uzun Mirkova 6); KRECULJ, Dobren S., ing. (Beograd, Milana Rakica 25)

The Danube River motor tug "Biokovo." Brodarstvo 2 no. 11/12:447-456 Ap-S 61.

1. Saobracajni fakultet Univerziteta u Beogradu.

KRECZKO, Romuald

Evaluation of McMurray's osteotomy in the treatment of deforming changes of the hip joint and ununited fractures of the femoral neck. Chir. narzad. ruchu ortop. pol. 27 no.5:591-602 '62.

1. Z Kliniki Urazowo-Ortopedycznej 2. CSKWAM w Warszawie Kierownik: prof. dr M. Garlicki.
(HIP) (FEMUR NECK FRACTURES) (FRACTURES UNUNITED)

KRECZKO, Romuald

Angioma of the lumbar spine. Chir. narzad. ruchu ortop. Pol. 29 no.4:541-546 '64.

1. Z Kliniki Ortopedycznej Wojskowej Akademii Medycznej w Lodzi (Kierownik: prof. dr med. M. Garlicki).

KRECZKO, Romuald; TKACZUK, Henryk

Contribution to the study of fractures of the capitulum radii. Chir. narzad. ruchu ortop. Pol. 29 no.5:631-639 '64.

1. Z Kliniki Ortopedycznej II Centralnego Szpitala Klinicznego Wojskowej Akademii Medycznej w Lodzi (Kierownik: prof. dr med. M. Garlicki).

KRECZKO, Romuald

Plastic repair for some body deformities using ivalon sponge.
Wiad. lek. 18 no.7:575-580 1 Ap '65

1. Z Oddzialu Chirurgii Plastycznej 2 Centralnego Szpitala Kliniki Wojskowej Akademii Medycznej w Warszawie (Kierownik naukowy: prof. dr. med. M. Garlicki).

KRECZKO, Romuald

Plastic surgery of lop ears. Wiad. lek. 18 no.14:1167-1170 15 Jl '65.

1. Z Oddzialu Chirurgii Plastycznej 2 Central. Szpitala Klin. Wojskowej AM w Warszawie (Kierownik naukowy: prof. dr. med. M. Garlicki).

KLENZKO, Romuald; SZULC, Witold

Complete bilateral rupture of the quadriceps in a [illegible]-year-old male. Chir. narzad. ruchu ortop. Pol. 30 no.1:[illegible]

1. Z Klinik Urazowo-Ortopedycznej II GSK Akademii Medycznej w Warszawie (Kierownik prof. dr. med. K. [illegible]).

KRECZKO, Romuald; ZMYSLOWSKI, Wieslaw

Early results of surgical treatment of degenerative changes of the hip by a modified Voss method. Chir. narzad. ruchu ortop. Pol. 30 no.4:423-429 '65.

1. Z Kliniki Ortopedycznej II CSK Wojskowej AM w Warszawie (Kierownik: prof. dr. med. M. Garlicki).

KRECZMAR, STEFAN

9S1* (Polish.) Factors in the Life of Electrode Holders for Electric Arc Furnaces. Uwagi o trwałości płyt kontaktowych pieców łukowych. Stefan Krecznar. *Wiadomości Hutnicze*, v. 12, no. 9, Sept. 1956, p. 278-281.

Common causes of damage; means of increasing life; holder materials.

KRECZKO, Romuald; TKACZUK, Henryk

Notes on diagnostic difficulties in bone tumors. Chir. narzad. ruchu ortop. pol. 29 no.1:91-95 '64

1. Klinika Ortopedyczna II Centralnego Klinicznego Szpitala ; kierownik: prof.dr.med. M.Garlicki.

*

KRECZMAR, Stefan, inz. (Huta Laziska)

Advantages of using the proper materials for spare elements of ferroalloy furnaces. Wiad hut 15 no.2:66-67 F '59.

Distr: 4E2c

Influence of alkali content on the properties of artificial white corundum for grinding purpose. Jaroslav Kredba, Miloslav Bartuška, Jan Hlaváč, and Svante Proházka. *Silikaty* 2, 102-8(1958).—Alkali and CaO are concd. in the block upper parts of the molten corundum substance which gives rise to scaly crystals of β-corundum. An abrasive material contg. a substantial percentage of β-corundum has greater tendency to be sp intered and abraded.

Oscar Quiel

KUNCOVA, Z.; SKORPIL, V.; KREDBA, J.

Electromyographic studies of children with spasmophilic symptoms. Cesk. neurol. 25 no.1:11-16 Ja '62.

1. Detske oddeleni fakultni polikliniky v Praze 2 Neurochirurgicka klinika v Praze-Stresovicich a fyziatricke oddeleni UVN v Praze-Stresovicich.

(ELECTROMYOGRAPHY in inf & child)
(SPASMOPHILIA in inf & child)

[illegible], J.; [illegible], V.

Relation of the [illegible] of [illegible] peripheral nerves to [illegible] atrophy in progressive [illegible]. [illegible] 43 no.[illegible] [illegible] 5

1. [illegible] Dr. [illegible] Neurol[illegible] University [illegible] prof. dr. [illegible]

PROCHAZKA, J;KREDBA, K.

Treatment of typhoid fever with a new antibiotic chloromycetin.
Cas. lek. cesk. 89 no.38:1056-1060 22 Sept. 1950. (CLML 20:1)

1. Infectious Diseases Department of the State District Hospital in Sulovce.

The chlorination of water for industrial purposes. M. K[illegible] and R. K[illegible]. *Časopis Českoslov. Lékárnictva* 9, 177-81, 198-9(1929). In a study of the chlorination of water for industrial purposes at Vltava, Czechoslovakia, during 1925-7, it was found that the water was progressively deteriorating because of the refuse of factories. Although at the beginning 2 mg. of Cl_2 per l. sufficed for disinfecting the water, at the end 4 mg. per l. proved insufficient.

WILLIAM J. HUSA

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KRUBA, Milos

3

CZECH

C. Scandium

The occurrence of fluorine in Czech. waters and its hygienic importance. Milos Krejba and Julie Hanáčková. *Časopis Lékařů Českých* 89, 785–8(1950).—The F content of waters was estd. in 530 samples from different Czech. districts. In the majority of samples F did not exceed 0.1 mg./100 ml. Anthony Ženíšek

KREDBA, Milos,

KREDBA, Milos, prof. Dr

Function of a hygienist in state planning in the field of hydrology. Cesk. hyg. epidem. mikrob. 2 no.2:85-89 Apr '53.
(HYGIENE,
in Czech., in construction of waterways)

KREDBA, Milos, prof. Dr

Complex solution of the problem of water supply in Czechoslovakia and its hygienic aspects. Cas. lek. cesk. 93 no.39:1071-1073 24 Sept 54.

1. Z Hygienickeho ustavu K.U. v Praze. Prednosta prof. Dr J.Cancik.
(WATER SUPPLY,
in Czech., hyg. aspects)

KREIBA, V.

KREIBA, V. Comparative control of laboratory water analysis. p. 13.

Vol. 5, No. 4, Apr. 1955
VODNI HOSPODARSTVI
TECHNOLOGY
Prahe, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

KREDBA, MILOS

Hygiena hospodareni s vodami. (1 Vyd.)

Praha, Czechoslovakia, Statni zdravotnicke nakl., 1958, 1h7p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

KREDBA, M.

Hygienic problems in regional planning. Gig. i san. 23 no.2:90 F '58. (MIRA 11:4)
(CZECHOSLOVAKIA--REGIONAL PLANNING--HYGIENIC ASPECTS)

KREDBA, M.

Progressive denaturation of the natural environment and its effect on the health of the population. Acta univ. carol. [med.] Suppl. 14:169-175 '61.

1. Hygienicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. M. Kredba.
(ENVIRONMENT)

KREJCI, V. CSSR

Institute of Hygiene, Faculty of general medicine, Charles University (Hygienicky ustav fakulty vseobecneho lekarstvi KU), Prague

Prague, Ceskoslovenska hygiena, No 2, 1963, pp 65-69

"The Biological Value of Drinking Waters, their Importance and Maintenance of their Condition in the CSSR"

(1)

KREDBA, M., inz.

Treatment of surface water for required quality. Vodni hosp 13 no.5:177 '63.

KREDBA V. Ordinar infekcniho oddeleni prof. dr. Prochazky na Bulovce. Vyznam vysetreni moku mozkomisniho v diagnostice detske obrny Examination of cerebrospinal fluid in the diagnosis of poliomyelitis Casopis Lekaru Ceskych, Prague 1949, 88/52 (1506-1508) Graphs 3

The direct diagnosis of poliomyelitis is only possible in typical cases: in meningeal, preparalytic and encephalitic cases the diagnosis is only possible by tests on monkeys. The spinal fluid was examined in 640 cases. It is not possible to make the diagnosis of poliomyelitis by the examination of the CSF alone.

Prochazka - Prague (XX, 8,7)

Neurology & Psychiatry Section VIII Vol 3 No. 7-12

KREIBA, V.; VIKLICKY, J.

Meningitis due to Hemophilus influenzae. Cas.lek.cesk. 89 no.14: 408-410 7 Ap '50. (CLML 19:2)

1. Of the State District Hospital in Bulovce.

KREDBA, V.;TRAPLOVA, A.

Modern treatment of whooping cough. Prakt. lek., Praha 31 no. 10: 214-217 20 May 1951. (CLML 22:3)

1. Of the Department of Infectious Diseases (Head--Prof. J. Prochazka, M. D.), Prague.

KREDBA, V.

Management of patient suspected of poliomyelitis. Prakt. lek., Praha 32 no. 10-11:222-226 20 May 1952. (CLML 22:4)

1. Of the Infectious Department (Head--V. Kredba, M. D.) of the State Hospital, Bulovka.

KREDBA, V.

Control of whooping cough. Prakt. lek., Praha 32 no. 13:289-292 5 July 1952. (CLML 22:4)

1. Of the Infectious Department (Head--Prof. Prohazka, M. D.) of the State Hospital, Bulovka.

KREDBA, V., Dr. doc.

Therapy of infectious hepatitis in 2 - 14 year old children. Pediat. listy, Praha 9 no.5:308-309 Sept-Oct 54.
(HEPATITIS, INFECTIOUS, in infant and child
ther.)

KREJDA, V.

KREJDA, V., Doc. Dr; KRYL, As. Dr

Q fever. Prakt. lek. 34 no.13:301-303 Jy '54.

1. Inf. klin. hyg. fak. v Praze na Bulovce.
(Q FEVER.)

KREDBA, V. Doc.Dr.; KRYL, R., Dr.

Therapy of whooping cough. Prakt. lek., Praha 34 no.17:390-392 5 Sept 54.

1. Infekcni klinika hygienicke fakulty v Praze na Bulovce.
(WHOOPING COUGH, therapy)

KREDBA, V.

Congress on Streptococcal infections. Cesk.pediat. 10 no.4:308-310 May 55.
(STREPTOCOCCAL INFECTIONS, conf. in Czech.)

KREDBA, Vaclav, Doc., Dr.

Therapeutic experience with infectious hepatitis in 8,192 children. Cesk. pediat. 10 no.8:566-571 Oct 55.

1. Infekcni klinika v Praze 8 na Bulovce.
(HEPATITIS, INFECTIOUS, in infant and child
ther., experiences in 8,192 cases)

KREDBA, V., Doc., Dr.; SEIDLER, L., ord., Dr.

Infections and infectious food poisoning. Prakt. lek., Praha 35 no.11:243-244 5 June 55.

1. Infekcni klinika hygienicke fakulty lekarske v Praze na Bulovce.
(FOOD POISONING
diag. & ther.)

KREDBA, Vaclav, Doc., Dr.

Refresher course on passive immunization. Prakt. lek., Praha 35 no. 11:258-260 5 June 55.

(IMMUNITY
immunization, passive)

KREDBA, V

First experiences with the aldolase test. J. Trilla-jová, J. Rampas and V. Kredba (Ústav epidemie mikrobiol., Prague). *Časopis Lékařů Českých* 95, 267–70(1956).—In the early stage of infectious hepatitis the activity of aldolase (I) is increased. The estn. of I activity may be used for diagnostic purposes. Ženíšek

KREDBA, V.; BRADACOVA, M.

Hormone therapy of infectious hepatitis in children. Cesk. pediat. 13 no.7:577-582 Aug 58.

1. Infekcni klinika hygienicke fakulty (doc. dr. V. Kredba) a III. infekcni oddeleni na Bulovce. (prim. dr. M. Bradacova). V. K., Praha 8, Bulovka.

(HEPATITIS, INFECTIOUS, in inf. & child
ther., ACTH, cortisone & prednisone, statist (Cz))
(ACTH, ther. use
infect. hepatitis in child (Cz))
(CORTISONE, ther. use
same)
(PREDNISONE, ther. use
same)

KREDBA, V. (Praha 8, Bulovka)

Recurrence of infectious hepatitis. Cesk. pediat. 13 no.7:582-587 Aug 58.

1. Infekcni klinika hygienicke fakulty v Praz 8 - na Bulovce.
(HEPATITIS, INFECTIOUS, in inf. & child
recur. (Cz))

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EXCERPTA MEDICA Sec 7 Vol 13/7 Pediatrics July 60

1645. RELAPSES AND RECURRENCES OF EPIDEMIC HEPATITIS IN CHILDREN - Rückfälle und Rezidive der Hepatitis epidemica bei Kindern - Kreibig V. Infekt. Klin., Hyg. Fak., Prag 8, Bulovka - DTSCH. GESUNDH.-WES. 1958, 13/30 (937-941) Graphs 3 Illus. 3

Of 11,500 children who had had infectious hepatitis in the period 1950-1957, 129 (1.14%) had a second attack of the disease. A distinction is made between relapses and recurrences. Relapses always occurred within 4 months of the initial attack, whereas recurrences never occurred within less than a year. Relapses were observed in 83 cases, recurrences in 46. The relapses ran a more severe course, and necessitated longer bed rest, than medium-severe first attacks; recurrences showed the same clinical picture as the initial attack, with a typical pre-icteric stage. Relapses are attributable to premature exertion, faulty diet, superinfections and, in particular, immune-biological factors. With recurrences, re-infection must be considered, and further infection with a different type of virus.

Bödecker - Berlin-Buch (L, 7, 8)

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EXCERPTA MEDICA Sec 7 Vol 13/7 Pediatrics July 60

1637. CHICKEN POX IN CHILDREN WITH INFECTIOUS HEPATITIS - Windpocken bei an epidemischer Hepatitis erkrankten Kindern - Kredba V. Infektionsklin., Med. Fak., Prag 8, Bulovka - MED. KLIN. 1958, 53/32 (1365-1367) Tables 1

In the course of the period 1953-1957, there were 8 outbreaks of chicken pox in the hepatitis ward of this hospital. Of 73 children who developed chicken pox in the course of hepatitis, 65 had atypical forms. In the latter cases, the disease developed in the course of 1 or 2 attacks, and the efflorences usually resembled an ordinary urticarial rash. Eight control patients who had no hepatitis showed the picture of typical chicken pox. Comparisons are made with other double infections (scarlet fever, measles, etc.). Bödecker - Berlin-Buch (L, 7)

KREDBA, V. (Praha 8 - Bulovka)

Diagnosis of infectious hepatitis in children. Cesk. pediat. 14 no.6: 485-489 5 June 59.

1. Infekcni kliniki hygienicke fakulty v Praze, prednosta doc. dr V. Kredba.

(HEPATITIS, INFECTIOUS, in inf. & child ding (Cz))

KREDBA, V. (Praha 8. Bulovka)

Treatment of acute stage of infectious hepatitis in children. Cesk. pediat. 14 no.6:490-497 5 June 59.

1. Infekcni klinika hygienicke fakulty v Praze, prednosta doc. dr. V. Kredba.

(HEPATITIS, INFECTIOUS, in inf. & child ther. (Cz))

TRLIFAJOVA, J.; RAMPAS, J.; KREDBA, V.; SOUSEK, O.

Our experiences with aldolase test. II. Cas.lek.cesk. 98 no.38: 1195-1201 18 S '59.

1. Ustav epidemiologie a mikrobiologie, Praha, reditel prof.dr. K. Raska. Infekcni oddeleni nemocnice na Bulovce, Praha, vedouci doc. MUDr. V. Kredba. Infekcni oddeleni nemocnice v Motole, Praha, primar MUDr. O. Sousek.
(ALDOLASE blood.)
(HEPATITIS INFECTIOUS blood)

KREDBA, V.

Herpes simplex virus infection. Cesk.pediat.15 no.12:1091-1096 D'60.

1. Infekcni klinika LFH v Praze na Bulovce, prednosta prof.dr. V.Kredba.

(HERPES in inf & child)

KREDBA, V.

The course of infectious hepatitis in children protected with gamma globulin. Cesk. pediat. 17 no.4:339-344 Ap '62.

1. Infekcni klinika lekarske fakulty hygienicke Karlovy university v Praze 8 na Bulovce, prednosta prof. dr. V. Kredba.

(HEPATITIS INFECTIOUS immunol)
(GAMMA GLOBULIN ther)

KREDBA, V.

Chronic hyperbilirubinemia. Cesk. pediat. 17 no.11:31-36 N '62.

1. Infekcni klinika lekarske fakulty hygienicke University Karlovy v Praze 8 na Bulovce, prednosta prof. MUDr. V. Kredba.
(HYPERBILIRUBINEMIA)

KREDBA, V.

Toxoplasmosis. Cesk. pediat. 17 no.12:1104-1111 D '62.

1. Infekcni klinika nemocnice v Praze 8 na Bulovce, prednosta prof. dr. V. Kredba.
(TOXOPLASMOSIS) (SERODIAGNOSIS) (COMPLEMENT FIXATION TESTS)

CZECHOSLOVAKIA

[illegible], V., Prof., MD., CSc.

Infection Clinic of the Medical Faculty of Hygiene of KU
(Infekcni Klinika Lekarske Fakulty Hygienicke KU),
Prague

Prague, Prakticky Lekar, No 18, [illegible], pp [illegible]

"Repetitorium on Vaccination for Variola."

SHISHONOK, Nikolay Andreyevich; REPKIN, Vasiliy Fedorovich; BARVINSKIY, Leonid L'vovich; Prinimali uchastiye LERNER, V.Yu.; LAZOVCHENKO, P.M.; KREDENTSER, B.I.; USHAKOV, I.A.; BARZILOVICH, Ye.Yu.; SENETSKIY, S.A.; ALEKSANDROVA, A.A., red.; GUTCHINA, N.Ya., red.; LYUBIMOVA, T.M., red.

[Principles of the theory of the reliability and operation of radioelectronic apparatus] Osnovy teorii nadezhnosti i ekspluatatsii radioelektronnoi tekhniki. Moskva, Sovetskoe radio, 1964. 550 p. (MIRA 18:2)

L 11135-65 EWT(m)/EWP(t)/EWP(b) ESD(c)/ASD(d)/AFTC(p)/SSD/ESD(gs)/
AFTC(b)/AFWL/ASD(a)-5 JD

ACCESSION NR: AP4049745 Z/0039/64/025/008/0497/0497

AUTHOR: Kredl, B.; Pilny, J. (6)

TITLE: Continuous method of metal coating of metal wires by smelted metal and equipment for applying this method

SOURCE: Slaboproudy obzor, v. 25, no. 8, 1964, 497

TOPIC TAGS: communication equipment, metal coating, communications

Abstract: A brief description of the Czechoslovak Patent No 109.475, Tr. 48b, November 29, 1961, Bohuslav KREDL and Josef PILNY. Validity 15 years. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 29Nov61 ENCL: 00 SUB CODE: EC, MM

NO REF SOV: 000 OTHER: 000 JPRS

Card 1/1

KREFCI, V.

Low-frequency oscillations of a glow discharge.

P. 451 Ceskoslovenska Morofolorgie. Vo., 7, no. 4, 1957 Praha, Czechoslovakia)

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

LEVARDI, Ferenc, dr.; OVARI, Antal; BUBICS, Gyorgy; DOMONY, Andras; LOMNICZI, Dezso; GAGYI PALFFY, Andras, dr.; BENEDEK, Ferenc; KOVACS, Dezso; MARTOS, Ferenc, dr.; DENES, Otto; SAFAR, Laszlo; TAMASY, Istvan, okleveles banyamernok; POCZE, Laszlo; KREFFLY, Gabor; BOCSANCZY, Janos; SCHMIDT, Eligiusz Robert, dr.; KONRAD, Odon, dr.

An account of the November 27, 1964 Executive Committee Session arranged by the National Hungarian Mining and Metallurgic Society in Salgotarjan. Bany lap 98 no.3:203-212 Mr '65.

1. President, National Hungarian Mining and Metallurgic Society, Budapest (for Levardi). 2. Secretary General, National Hungarian Mining and Metallurgic Society, Budapest (for Ovari). 3. Editorial Board Member, "Banyaszati Lapok" (for Gagyi-Palffy, Benedek, Martos and Kreffly). 4. Deputy Head, Department of Mining Engineering of the Ministry of Heavy Industry, Budapest (for Tamasy).

BOCSANCZY, Janos, okl.banyamernok.; KREFFLY, Ivan, okl.banyamernok.

Mining experiments by means of steel props and caps in the coal seam no.4. of Lyuko at Adrianyi. Bany lap 93 no.6:370-382 Je '60.

KREFFLY, Ivan, oklevelez banyamernok

Application of coal plows in the Borsod coal basin. Bany lap 96 no.11:839-845 N '63.

1. Borsodi Szenbanyaszati Troszt, Miskolc.

Total photonuclear absorption in aluminum. M. V. Mihailović, G. Pregl, G. Kernel, and M. Kregar (J. Stefan Inst., Ljubljana, Yugoslavia). *Phys. Rev.* 114, 1621–2 (1959).—Max. of total photonuclear absorption cross section in Al is 100 ± 10 mb.; integrated cross section is estd. about 800 mb.-m.e.v. Jack J. Bulloff.

KREGAR, Mitja; ROSINA, Mitja.

Photonuclear absorption. Obz mat fiz 7 no.4:174-179 '60. (EEAI 10:5)
(Photonuclear reactions)
(Electromagnetic waves)

KREGAR, M.; POVH, B.

Nuclear reactions in stars. Obz mat fiz 8 no.2:72-78 '61.

KREGLEWSKI, A.

5

The pre- and postcritical region of unicomponent systems. V. Carbon dioxide. Wojciech Świętosławski and Aleksander Kreglewski (Inst. General Chem., Warsaw). *Roczniki Chem.* 26, 503-12(1952)(English summary); cf. C.A. 48, 9008e.—Systematic study of the pre- and postcrit. regions of CO_2 and of the effect of the compn. of the mixt. on the phenomena was started. A photomicrographic method was used for measuring the d. differences. Spontaneous mixt. of phases, due to diffusion, does not occur. There seem to be clusters in the postcrit. stage, when a normal gaseous state is expected. The consequences of mixing the system in the fluid phase seem to be more complicated than is usually assumed. VII. Pressure and compressibility changes on the McIntosh isochore. Aleksander Kreglewski. *Ibid.* 28, 251-62(1954).—Causes of the hysteresis of the McIntosh isochore (cf. Mason, C.A. 32, 3669), the pressure and compressibility differences at const. vol. between a heated (*A*) and a cooled (*B*) system of C_2H_6 were investigated by a simple method. The hysteresis d. is caused by the facts that: (1) the compressibility of the system *B* is lower and thus decreases the gravitational effect, and (2) its pressure is higher than that of system *A*; this is caused by the decrease in clusters. Sp.-heat measurements (cf. Pall, *et al.*, C.A. 32, 7331) showed that the passage *A* → *B* is accompanied by an increase in entropy. The facts make clear that (1) the structure of clusters in *B* is not so well ordered as in *A*, and (2) a system with finite compressibility represents a more stable equil., as predicted by theory. Also in *Bull. acad. polon. sci.*, Classe III, 2, No. 6, 231-6(1954) (in English). Sylvia Nowinska

MET

(1)

KREGLEWSKI, ALEKSANDER

Chemical Abst.
Vol. 48
Apr. 10, 1954
Fats, Fatty Oils, Waxes, and Detergents

Analysis of Polish rapeseed oil. Aleksander Kreglewski (Inst. Chem. Ogólnej, Warsaw, Poland). *Roczniki Chem.* 26, 678-83(1952)(English summary).—Polish refined rapeseed oil was analyzed by crystn. from an ether-acetone mixt. (modified Miemirowski method), and the 4 fractions obtained were analyzed by comparative ebulliometric (Swietoslawski) and spectral measurements (Mitchell, *et al.*, *C.A.* 37, 1285[1]). The results indicated: I no. (Hübl) 101.4; sapon. no. 172.8; acid no. 0.03 for original oil. The acid compn. (wt. %) was: C_{16} to C_{24} acids 6.5; erucic 50.5; oleic plus hexadecenoic and eicosenoic 18.5; linoleic 17.5; linolenic 0%; and unsaponifiable about 0.3%. W. J.

AF 11-5-54

KREGLEWSKI, Aleksander

5

(2)

7 The pre- and post-critical region of one-component systems. VI. Isotherms and isochores of propane. Aleksander Kreglewski (Inst. General Chem., Warsaw). *Rocznik Chem.* 27, 125–33(1953); cf. *ibid.* 26, 433(1952).—Pressure-vol. relations of propane were studied in pre- and post-critical regions. The meniscus disappeared at const. temp. $T_m = 97.30 \pm 0.03°$ and under const. pressure of 42.93 ± 0.01 atm. in a range of volumes varying from 4.07 to 4.67 cc./g. Isotherms plotted above T_m confirmed condensation theory by Mayer and Harrison (cf. *C.A.* 32, 2103⁷). By the microphotometric method of Swietoslawski, *et al.* (cf. *C.A.* 47, 10301*h*) the formation of a "two-phase" system has been found at isochores above T_m. By plotting microphotometric data against temp., typical McIntosh-Maass isochores (cf. *C.A.* 32, 8362⁵; 33, 8163⁴) were obtained. Both isothermal compression and expansion produced a complete homogenization of the system, but no differences in pressure between the expanded and compressed system were found at given temp. and vol. as accurate as within ±0.01 atm.

Selvia [illegible]

10-13-51

KREGLEWSKI, A.

"Problem of gasification in transportation", p. 422 (Przeglad Techniczny. Vol. 74, no. 11, Nov. 1953, Warszawa)

Vol. 3, No. 3

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

KREGLEWSKI, A.

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The critical state of negative azeotropes. I. System of acetic acid-pyridine. W. Świętosławski and A. Kreglewski (Univ. Warsaw). *Bull. acad. polon. sci., Classe III*, 2, 77-80(1954)(in English).—The system of HOAc-pyridine forms a neg. azeotrope in the crit. state, composed of 75 ± 1 mole % of pyridine. The temps., T_m, of the disappearance of the menisci of pure pyridine, pure HOAc, and of the azeotrope are 345.0, 321.3, and 318.5°, resp. L. W. W.

KREGLEWSKI, A.

Critical state of negative azeotropes. II. System acetone-chloroform. W. Świętosławski and A. Kreglewski (Univ. Warsaw). *Bull. acad. polon. sci.*, [illegible] 187-[illegible](19[illegible]).—The crit. temps. T_m for the disappearance of the meniscus were detd. for mixts. of acetone and chloroform. Small neg. deviations from linearity were found in a plot of T_m vs. mole % of one of the components.

Aubrey P. Altshuller

KREGLEWSKI, A.

Critical state of two-component systems formed by pyridine with isopropyl, isobutyl, and isoamyl alcohols. III. A. Kreglewski (Univ. Warsaw). *Bull. acad. polon. sci.*, Classe III, 2, 191-4(1954).—The crit. temps., T_m, for the disappearance of the meniscus were detd. for mixts. of pyridine with isopropyl, isobutyl, and isoamyl alcs. Mixts. of pyridine with isopropyl and isobutyl alcs. show small neg. deviations, and those with isoamyl alc. show pos. deviations from linearity in a plot of T_m vs. mole % of one of the components. Aubrey P. Altshuller

[illegible]NI, A.

"The Pre- and Postcritical Regions of One-component Systems; Pressure and Compressibility Changes on the McIntosh Isochor", P. [illegible], (POLSKA AKADEMIA NAUK, Vol. 2, No. 5, 1954, Varsovie, Poland)

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

[illegible], A.

"The Precritical and Postcritical Region of Two-component Systems. VII. Pressure and Compressibility Changes on the McIntosh Boundary", p. 251, PRZEMYSL CHEMII, Vol. 28, No. 2, 1954, Warsaw, Poland)

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

Kreglewski, Aleksander

POL

Pre- and postcritical region of unicomponent systems. VIII. The temperature range of the precritical region. Aleksander Kreglewski (Inst. General Chem., Warsaw). *Roczniki Chem.* 29, 97-100(1955); cf. *C.A.* 48, 11135*h*. — Isochores of McIntosh (*loc. cit.*) were further analyzed by studying the d. changes of the gaseous and condensed phases occurring at const. vol. in the pre- and postcrit. region of SO_2, MeCl, propylene, propane, pentane, and octane. The microphotometric method was used (Swietoslawski, *et al.*, *C.A.* 47, 10301*h*). The results differed from McIntosh isochores in that the temp. T_a of the disappearance and that of appearance T_e of the meniscus were identical; below T_a the heated and the cooled systems were identical; the existence of the vertical section equal to the horizontal section of the liquid-vapor coexistence curve (e.g. the curves for xenon (Weinberger and Schneider, *C.A.* 46, 9384*b*; 47, 10831*f*)) was revealed. Sylvia Hoszinska

C H

Kreglewski Aleksander

PCLAND/Thermodynamics - Thermochemistry. Equilibria. Physical-Chemical Analysis. Phase Transitions. B-8

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18538

Author : Aleksander Kreglewski
Title : Critical Temperatures of Mixtures of Benzene and n-Octane with Alcohols.

Orig Pub : Roczn. chem., 1955, 29, No 2-3, 754-762

Abstract : The temperatures of meniscus disappearance were determined by the earlier described method (RZhKhim, 1956, 77535) for the binary systems benzene (I) - isopropyl alcohol (II), I - isobutyl alcohol (III), I - isoamyl alcohol (IV), n-octane (V) - II, V - III, V - IV, V - I, as well as for the ternary system I - IV - V.

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KREGLEWSKI, A.

POLAND/Physical Chemistry - Liquids and Amorphous Bodies. Gases. B.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 27796

Author : Kreglewski, A.
Inst : -
Title : Critical Region Phenomena in Liquids.

Orig Pub : Kosmos (Poland), B3, No 2, 135-144 (1957) (in Polish).

Abstract : A number of papers dealing with phenomena in the gas and liquid phases in the critical region are discussed. Among the topics treated are questions related to the existence of phases, opalescence, the effect of gravity on phase separation, and the behavior of solutions in the neighborhood of the critical point.

Card 1/1

KREGLEWSKI, A.

POLAND / Physical Chemistry. Thermodynamics. Thermochemistry. Equilibria. Physical-Chemical Analysis. Phase Transitions. B-8

Abs Jour : Ref Zhur - Khim., No 10, 1958, 31664

Author : A. Kreglewski.
Inst : Academy of Sciences of Poland
Title : Studies on the Critical Temperature Curves of Mixtures. I. The Azeotropic Range. II. The Binary and Ternary Systems of Acetic Acid - Pyridine - n-Paraffins. III. The Effect of Volume Changes by Mixing.

Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 3, 323-327, XXVI; 329-333, XXVII; No 4, 431-436, XXXIV.

Abstract : I. The equations of Malesinski (RZhKhim, 1957, 76583) connecting the azeotropic limit with the azeotropic decreases were derived from the equations of critical temperature curves. If the critical temperature curves of the

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POLAND / Physical Chemistry. Thermodynamics. Thermochemistry. B-8
Equilibria. Physical-Chemical Analysis. Phase
Transitions.

Abs Jour : Ref Zhur - Khim., No 10, 1958, 31664.

systems (i, j) and (j, k) are known, the curve of the system (i, k) will be determined also. The great influence produced by the volume change at mixing is emphasized.

II. The curves and surfaces of critical temperatures of binary and ternary mixtures of acetic acid (I) with hexane, octane (II), decane (III) and dodecane (IV) and of pyridine with I + II, I + III and I + IV were studied. The magnitude of the azeotropic limit in the case of binary mixtures computed from the critical temperatures was compared with the limit determined experimentally at atmospheric pressure. The critical curves and surfaces were compared with isobar curves and surfaces of boiling points under atmospheric pressure.

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POLAND / Physical Chemistry. Thermodynamics. Thermochemistry. B-8
Equilibria. Physical-Chemical Analysis. Phase
Transitions.

Abs Jour : Ref Zhur - Khim., No 10, 1958, 31664.

III. The equation of the (T, x) curve of the critical temperature of a mixture $T^cV^c = T_1^cV_1^cx_1^2 + 2\,\theta_{12}V_1^cV_1^cx_1x_2 + T_2^cV_2^cx_2^2$, where T and V are the critical temperature and the critical molar volume, the x-es are molar parts, and θ is a constant characterizing the divergence of the system from the ideal solution was derived. The equation of azeotropic limits of three binary systems $\frac{1}{2}Z_{12} + \frac{1}{2}Z_{23} = \frac{1}{2}Z_{13}$ (RZhKhim, 1957, 76583) is satisfied in respect to (T^c, x) curves even in the case of a strong intermolecular interaction (hydrogen bond) on condition that the influence of the volume change at the mixing of the components has been taken into consideration. The (T^c, x) curves for the binary systems CO_2–N_2O, N_2O, N_2O - C_2H_6, CO_2 – C_2H_6, H_2S – CO_2 and H_2S - C_2H_6 were computed.

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KREGLEWSKI, A.

POLAND/Physical Chemistry - Liquids, Amorphous Bodies, Gases. B-6

.Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24044

Author : Kreglewski, A.

Inst : Polish Academy of Sciences.

Title : Critical Region of Liqueds. II. Limited Miscibility of Compressed Gases and Influence of Impurities on Hysteresis Phenomena.

Orig Pub : Bull. Acad. polon. sci., 1957, Cl.3, 5, No 6, 667-672

Abstract : Considering a mixture of gases at high pressures as a regular solution the author utilizes as a characteristic of mutual miscibility of the components the Hildebrand parameter $\Delta = (-E/V)^{1/2}$; the greater the difference in Δ values of the components the more readily does the system separate in 2 phases. To calculate Δ use is made of the hypothesis of Van Dranen (Dranen J. van, J. Chem.

Card 1/3

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24044

Phys., 1952, 20, 1175), according to which at the critical point $E = 3RT(cr)/2$. Δ^2 are calculated for He, H_2, N_2, C_3H_8, CH_4, C_6H_6, C_2H_4, CO_2, SO_2 and NH_3. From these data are predicted the curves (critical temperature - composition) at equilibria liquid - gas and gas - gas for mixtures C_2H_4, CO_2 and C_3H_8 with He and mixtures of He, CH_4 and N_2 with NH_3, and a discussion is also presented of the possibility of formation of 2-phase gas - gas systems in other mixtures containing the investigated substances. It is shown that gaseous contaminations (for example, air) induce, in the critical region of one-component systems, phenomena analogous to incomplete miscibility of gases. However, in the case of C_2H_4 a clearly defined phase

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POLAND/Physical Chemistry - Liquids, Amorphous Bodies, Gases. B-3

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24044

boundary (meniscus) is not observed which may be attributed to small difference in Δ values of C_2H_4 and air.
Part I see RZhKhim, 1957, 29907.

Card 3/3

KRZECZKOWSKI, ALEKSANDER R.

Distr: 4E2c(j) 7

Critical temperatures of mixtures of acetic acid and pyridine with n-paraffins. Aleksander Krzeczkowski. (Univ. Warsaw). *Roczniki Chem.* 31, 1001–12 (1957) (English summary).—Crit.-temp. curves are given of 7 binary systems formed by AcOH or pyridine (I) with hexane (II), octane (III), decane (IV), and dodecane (V), and crit.-temp. surfaces of 3 ternary AcOH-I-III, AcOH-I-IV, and AcOH-I-V systems. All the binary curves show large deviations from that of an ideal soln., discussed in terms of a quantity analogous to the azeotropic range (cf. *C.A.* 51, 14305g). The ternary surfaces are characterized by top-ridge lines, and one of them, that for the AcOH-I-V system, by a saddle point, corresponding to 244.9° and compn. 12 AcOH, 79 I, and 9 mole % V.

A. Krzeczkowski

5 2 May

KREGLEWSKI, A.

4654

Problems of extraction of phenols and hydrocarbons from coal tar. Aleksander Kreglewski. *Przemysł Chem.* 38, 354-7(1959).—The possibility of applying fluorocarbons as solvents for extn. of phenols and hydrocarbons from coal tar was examd. theoretically. Critical soln. temps. and interaction constants were calcd. for the binary systems *m*-cresol (I) and perfluoroheptane (II), 1,2,3-trimethylbenzene (III) and II, I and heptane (IV), I and decane (V), II and V, III and V, and I and III. Distribution coeffs. calcd. for the ternary systems I-II-V and II-III-V show that perfluoroheptane is a good selective solvent.

M. L. Kalinowski

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KREGLEWSKI, A.
SURNAME (in caps); Given Names

Country: Poland

Academic Degrees: Not stated

Affiliation: Institute of Physical Chemistry, Polish Academy of Sciences (Instytut Chemii Fizycznej, PAN)

Source: Warsaw, Bulletin de l'Académie Polonaise des Sciences, Série des Sciences Chimiques, Vol 9, No 3, Mar 61, pp 163-167.

Data: "Calculation of Critical Constants of n-Alkanes and of n-Alkyl Compounds. I."

KREGLEWSKI, A.

Calculation of critical constants of n - alkanes and of n - alkyl compounds. I. and II. Bul chim PAN 9 no.3:163-173 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences. Presented by W. Swietoslawski.

(Alkanes) (Alkyl compounds)

S/081/62/000/024/011/073
B108/B186

AUTHOR: Kreglewski, A.

TITLE: The Antoine vapor pressure equation for liquid mixtures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 88, abstract 24B617 (Bull. Acad. polon. sci. Sér. sci. chim., v. 9, no.12, 1961, 799 - 804 [Eng.; summary in Russ.])

TEXT: It is shown that the Antoine vapor pressure equation for pure substances at a different temperature can also be used to describe the properties of binary mixtures. This offers the possibility of changing from isobaric data for a liquid - vapor equilibrium to isothermal data, and vice versa. The constant C for a mixture can be calculated approximately from the corresponding quantities for the pure components, according to the formula $C \approx \sum C_i x_i$, where x_i is the molar fraction of the i-th component in the liquid. The constants A and B can be found from the experimental data. Knowing the quantities A, B, and C, and by making certain assumptions, one can calculate the heat of vaporization of the azeotropes. Examples are calculated for the system acetone - chloroform. The results agree

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The Antoine vapor ...

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with published data. [Abstracter's note: Complete translation.]

Card 2/2

KREGLEWSKI, A.

Miscibility of n-octane with some perfluoro compounds. The shape of the coexistence curve in the critical region. Biul chim PAN 11 no.2:91-96 '63.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

WYRZYKOWSKA-STANKIEWICZ, D.; KROGULEWSKI, A.

Some thermodynamic properties of trifluoroacetic anhydride.
Bul chim pan 11 no.7:417-421 '63.

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WYRZYKOWSKA-STANKIEWICZ, D.; KREGLEWSKI, A.

Excess free energy of mixing of the acetone-trifluoroacetic anhydride system at 30°C. The oxygen bridge. Bul chim PAN 11 no.8:465-468 '63.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

WOYCICKI, W.; KREGLEWSKI, A.

Thermodynamic excess functions of the binary systems of trifluoroacetic anhydride with acetone and acetonitrile. Pt. 4. Bul chim PAN 12 no.4:263-266 '64.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

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Specific interactions in mixtures of acetone with methyl trifluoroacetate. Bul chim PAN 12 no.8:551-554 '64.

1. Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw. Submitted May 29, 1964.

KRZEGLEWSKI, Adam, dr inz.

Remarks on CD19 and C22 engines. [illegible] Special issue:11-16 '62.

KREGZDAITE, D., red.; LAGUNAVICIUS, A., red.; TOLVAISIENE, B., tekhn. red.

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Attitude of secondary school pupils toward poetry. Nauk. zap. Nauk.-dosl. inst. psykhol. 11:152-156 '59. (MIRA 13:11)

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(Poetry--Study and teaching)

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KREH, Jerzy, doc. dr. inz.

Problems of the radiolysis of water under the influence of densely ionozing radiation. Wiad chem 16 no. 3:135-143 March '62.

1. Katedra Chemii Fizycznej, Politechnika, Lodz

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After Hradec, Prague has its aviation day.

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