RICHTER A.F.

Intraatomic conjugation. Cas.cesk.lek.Ved.priloha 63 no.9-12: 280-286 Dec 1950. (CLML 20:9)

1. Of the Second Institute of Medical Chemistry of Charles University, Prague.

RICHTER, A.F.; CEJKOVA, B.; DUCHON J.

Effect of trichloroethanol on amino acids and proteins. Acta univ. carol. [med.] Suppl. 14:265-270 '61.

1. II. ustav pro lekarskou chemii fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. J. Sula. (ALCOHOL ETHYL rel cpds) (AMINO ACIDS chem) (PROTEINS chem)

DUCHON, J.; CEJKOVA, B.; RIGHTER, A.F.

Effect of chloroethanol on some amino acids and peptides. Acta univ. carol. [med.] Suppl. 14:257-263 '61.

1. II. ustav pro lekarsku chemii fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. J. Sula.

(AMINO ACIDS chem) (PEPTIDES chem)

(ALCOHOL ETHYL rel cpds)

RICHTER, A.F.,

CZECHOSLOVAKIA

Prof., MD.

Director of the Institute for Medical Chemistry of KU (Karlova Universita, - Charles University)

Prague, Prakticky Lekar, No 20, Oct 62, pp 875-881

"Mitochondria, Central Power Station of a Cell"

RICHTER, Antonin; VYBIRAL, Bretislav

New technique in casting pulleys for automobile engines. Slevarenstvi 11 no.2:80 F '63.

l. Tatra Koprivnice.

S/262/62/000/019/003/006 ICO7/I2O7

AUTHOR:

koplik Otakar, michter Antonin, Fidrmuc Frantisck.

TITLE:

Four-stroke engine with crankshaft-chamber scavenging.

PrintODICAL:

Referativny shurmal, otdel'nyy vypusk. 42. Silovyye ustanovki, no.19, 1962,57, abstract 4219323 (Czech patent, class 46 a-2, 12, no.98957, harch 15, 1961)

TEXT: A patent has been granted for a four-stroke i.c. engine with compression (self) ignition, carburettor ignition, crankshaft-chamber scavening and supercharging. During scavenging and supercharging the air is subject to an additional motion around the cylinder axis thereby mixing the upper layers with the lower ones. This is achived by arranging the scavenging channels in a horizontal plane or at a small angle to the plane and by connecting them tangentially to the engine cylinder. In case of carburettor ignition, such a design makes possible a local enriching of the combustible mixture. In the author's opinion such an arrangement should increase the power-to-volume (power-per unit of displacement) ratio by 5%.

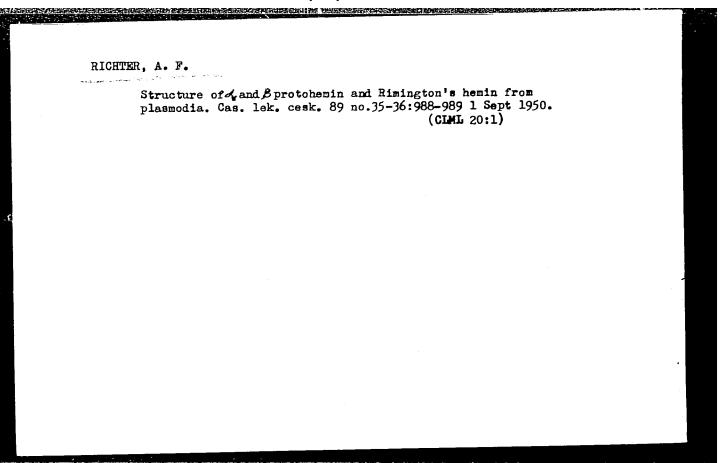
Abstractor's note: Complete translation.

Transcription of Action of Actions of Action

RICHTER, A. F.; OPPLT, J.; s technickou asistenci RENSKE, B. & DOBIASOVE, M.

On nitrogen extraction curves as criteria of the state of the serum in physiological equilibrium. Cas.lek.cesk 100 no.50:1568-1577 15 D 161.

(NITROGEN blood)



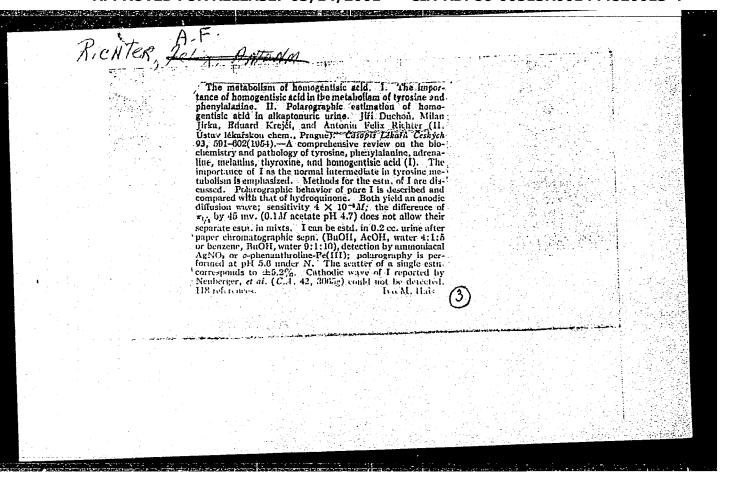
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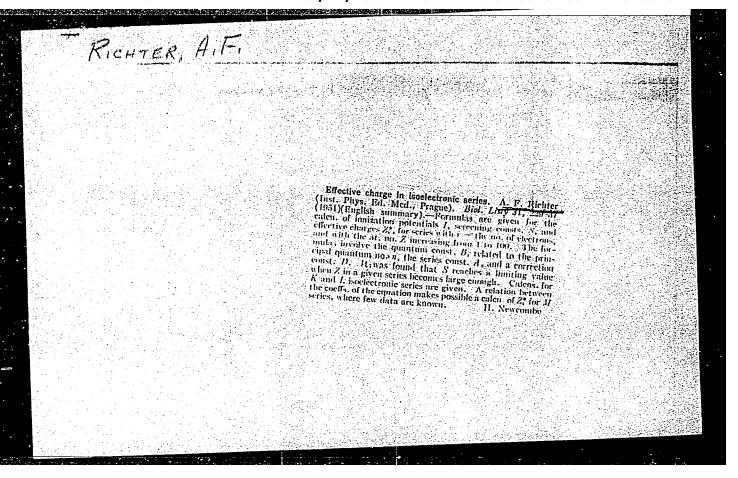
BLEKTA, Mojmir; CEJKOVA, Bozena; OPPLT, Jan; RICHTER, A.F., technicka spoluprace Dobiasova, Marta

Serum examination in late gestosis. Cas.lek.cesk. 99 no.3/4: 70-74 22 Ja 160.

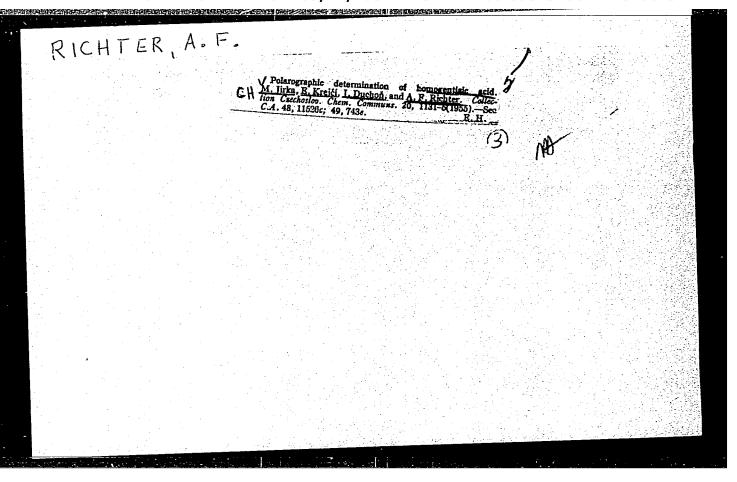
1. II. ustav lekarske chemie University Karlovy v Praze. II. porodnicka klinika University Karlovy v Praze. Oddeleni klinicke chemie SFN v Praze 12.

(PREGNANCY TOXEMIAS blood)





RICHTER					√				
	Chemical Abst. Vol. 48 No. 6 Mar. 25, 1954 General and Physical C		al Chemistr		Seventy five years of Professor A. Richter (Charles Univ., Prague, Czech.) 161-7(1903).—Biography with bibliography			Hamsik, A. F. Chem. Every 17, phy. M. Hudlický	
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RICHTER, A.F.; OPPLT, Jan J.

Dermographic pigment. Cas.lek. cesk. 93 no.22-23:623-626 4 June 54.

1. Z II. ustavu pro chemii lekarskou Karlovy university v Praze.
Prednosta prof. A.F.Richter. 2. Z oddeleni pro klinickou biochemii
st. fakultni nemocnice v Praze XII. Prednosta MUDr Jan.J.Opplt.
(DERMOGRAPHIA.)

dermographic pigment)
(PIGMENTS,
dermographic pigment)

CIA-RDP86-00513R001444820013-4 "APPROVED FOR RELEASE: 03/14/2001 在国际外的人,你还是这个人的,我们就是是不是一个人,我们就是这些人,就是一个人,我们就是我们的一个人,我们就是我们的一个人,我们就是我们的一个人,我们就是这个人

1-1

Category: Czechoslovakia / Physical Chemistry-Molecule. Chemical bond.

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29550

Author : Richter Antonin F.
Irst : not given

: Linear Relationships Between Values of Ionization Potentials in Title

Homoisoelectronic Systems.

Orig Pub: Chem. listy, 1956, 50, No 4, 510-515

Abstract: By means of a graphic method (Price W. C. et al., Proc. Roy. Soc.

(London), 1950, A201, 600; J. Chem. Phys., 1951, 19, 1070); a study has been made of the relationships between values of ionization potentials in isoelectronic systems. By an anlysis of the curves thus obtained, which the author has conducted on the basis of semi-empirical equations, for isoelectronic series, it was ascertained that the relationship is not entirely linear, and that approximation to a linear nature differs in individual instances. Therefore the opinion is expressed that the reported relationships found by the British authors in homoisoelectronic systems (H20, H25..., further

: 1/2 Card

-3-

Category: Czechoslovakia / Physical Chemistry-Molecule. Chemical bond. B-4

Ans Jour: Referat Zhur-Khimiya, No 9, 1957, 29550.

HF, HCl..., further He, Ne...) also cannot be linear and that not even a possible extrapolation does not yield reliable values. In the graphic analysis of the British authors the values of ionization potentials of isoelectronic systems form a smooth curve; the author contends that these values represent, with a satisfactory degree of accuracy, an arithmetical progression of 2-nd order. Hence, the correlation between the ionization potentials of isoelectronic systems, which the British authors seek to determine, electronic systems, which the British authors seek to determine, is in fact the correlation, previously ascertained by the present author, $I_1 = a_1 \times i + b_1 \times i + c$ (Richter A. F., Chem. obzor, 1946, 20, 1; Philos. Mag., 1948, 39, $\sqrt{7}$, 303).

Card : 2/2

-lı-

RICHTLK, A

Category: Czechoslovakia / Physical Chemistry - Atom

B-3

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29510

Author : Richter Antonin F.

: not given : Linear Relationships of A.A. Dibrove in Isoelectric Systems Inst Title

Orig Pub: Chem. listy, 1956, 50, No 4, 516-519

Abstract: A discussion and interpretation of the linear relationships of A.

A.Dibrove (RZhKhim, 1955, 5141) between the so-called mean potentials of isoelectronic series. A quantitative interpretation is given of deviations from rectilinear, observed in particularly for the first terms of the series, and the geometric characteristics of the curves. The conclusion is reached that dependencies between ionization potentials can be of assistance in ascertaining the regularities for other iso-electronic series and in the syste-

matics of elements of the system of Mendeleyev.

: 1/1 Card

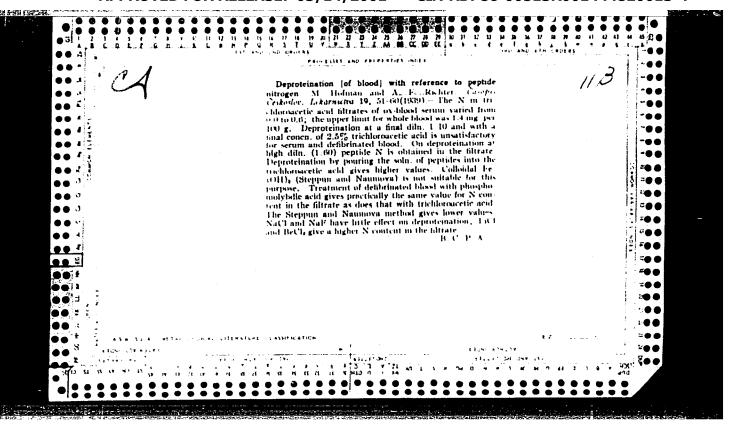
-3-

DUCHON, Jiri; JIRKA, Milan; KREJCI, Eduard; RICHTER, A.F.

Studies on the metabolism of homogentisic acid. Cas. lek. cesk. 93
no.22-23:591-602 4 June 54.

1. Z II. ustavu pro lekarskou chemii K.U. Prednosta prof. A.F.Richter.

(GENTISATES, metabolism,
homogentisic acid)



RICHTER, A.F.

Electromation of oxygen in biological oxidation. Cas. lek. cesk. 103 no.15:415-419 10 Ap.64.

1. II. ustav lekarske chemie fakulty vseobecneho lekarstvi KU v Praze; prednosta: prof.dr. J.Sula, DrSc.

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RICHTER A.F.						
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Sorphyrin. Gray and Holt method of isolating porphyrins from diphtheria filtrates, used on siderable quantities of coproporphyrin and uro- phese porphyrins can be used as standards for fluor- gmetric and photometric detn of porphyrins in body fluids 181714	HOSLOVA	Toxic filtrate of Corynebacterium Diphtheriae contains small quantity of coproporphyrin, uroporphyrin and minute amts of porphyrin of unknown structure. Extraction by pyridine and 2% acetic acid of the 4th brown zone of chromatogram, followed by shaking 181714	"Casopis Ceskeho Lekarnictva" Vol LXIII, No 9-12, pp 213-219	"Porphyrines as By-Products in Diphtheria Toxin Manufacture," M. Jirka, A. F. Richter, II Inst Phar Chem, Charles U, Prague	CZECHOSLOVAKIA/Chemistry - Porphyrines Medicine - Production of Diph- theria Toxin	

RICHTER, A.F.; HELCIOVA, D.

Limits of ultrachemical radiation energy. Cas. lek. cesk. 92 no.8:207-208 20 Feb 1953. (CLML 24:3)

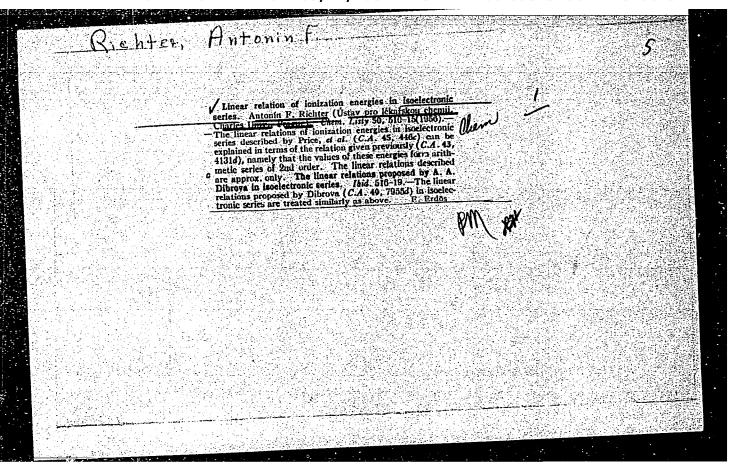
1. Of the Second Institute of Medical Chemistry of Charles University, Prague.

RICHTER, A. F.; DUCHON, Jiri; S techmickou asistenci M. Dobiasove

On the esterification of amino acids with chloroethanol. Cas.lek. cesk 100 no.14:425-428 7 Ap '61.

1. II. ustav pro lekarskou chemii KU, prednosta prof. dr. A. F. Richter, doktor lekarskych ved.

(ALCOHOL ETHYL rel cpds) (AMINO ACIDS chem)



H-7

Richter ANTONIA

CZECHOSLOVAKIA/Electronics - Gas Discharge and Gas

Discharge Instruments.

: Referat Zhur - Fizika, No 5, 1957, 12348 Abs Jour

: Richter Antonin F. Author

: Karlovy University, Prague, Czechoslovakia

: Linear Dependence Between the Magnitudes of the Ionization Inst Title

Potentials in Homo-Isoelectronic Systems.

: Chem. listy, 1956, 50, No 4, 510-515 Orig Pub

The author explaines the graphically-established dependence between the values of the potential of the ionization of Abstract

neutral atoms in molecules having an equal number of electrons, and in addition, the valence electrons, which are in single interaction with the remaining portion of the ion (Price, W.C., Teegan, J.P., Walsh, A.D., Proceedings Royal Society, 1950, A201. 600, Teegan, J.P. Walsh, A.D.,

Card 1/3

RICHTER, A.F.; DUCHON, Jiri

Effect of chloroethanol (ethylenechlorhydrine) on proteins. Cas. lek.
cesk. 97 no.6-7:229-232 14 Feb 58.

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1. II Ustav pro lekarskou chemii KU, prednosta prof. A. F. Richter.

(AICOHOL, ETHYL, related cpds
2-chloroethanol, eff. on proteins (Cz))

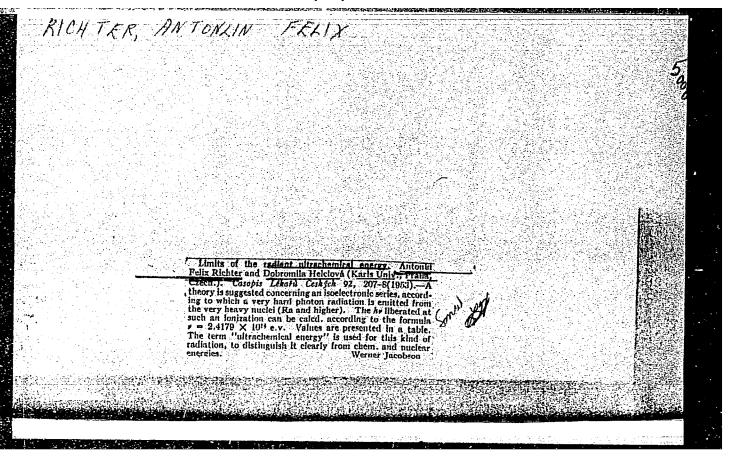
(PROTEINS, metab.

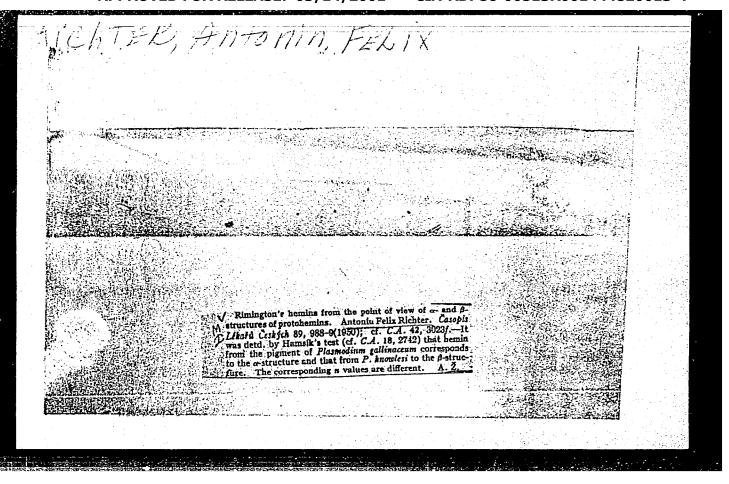
eff. of 2-chloroethanol (Cz))

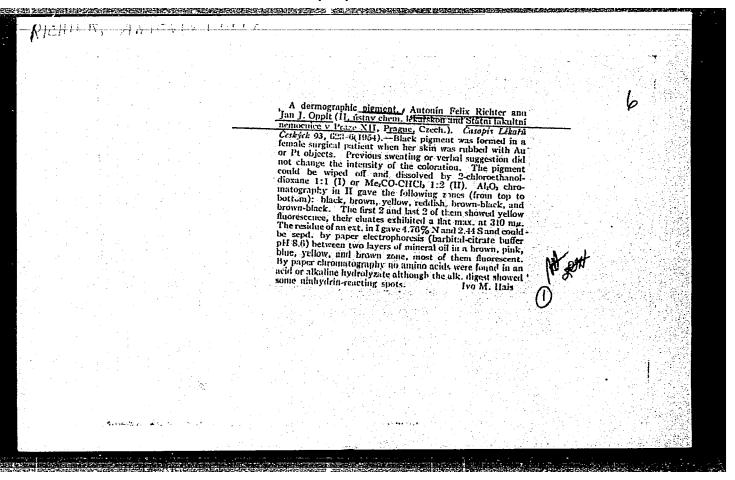
RICHTER, A.F.; VEPREK, L.

Physicochemical processes in deproteinization of blood by copper hydroxide. Cas. lek. cesk. 97 no.6-7:234-237 14 Feb 58.

1. II ustav pro lekarskou chemii KU prednosta prof. A.F Richter.
(BLOOD PROTEINS, eff. of drugs on
copper hydroxide, deproteinization (Cz))
(COPPER, eff.
copper hydroxide depreteinization of blood (Cz))







CZECHOSLOVAKIA/Atomic and Molecular Physics - Atomic Physics

D-1

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 8934

Author

: Richter, A.F.

Title

: Concerning the Laws in Isoelectronic Systems.

Orig Pub : Prazska univ. Moskevske univ. Sb. vyrosi 1755-1955 Praha,

1955, 388-407

Abstract : On the basis of the latest data, the author calculates the constants used to determine the ionization energy of all terms of various isoelectronic series. The resultant general laws are evaluated. Bibliography, 20 titles.

: 1/1 Card

SIMITCH, Tch.; RICHTER, B.; PETROVITCH, Z1.; LEPES, T.

Parasitic fauna in man in Yugoslavia. VI. Intestinal parasites in school children in Bosnia and Hercegovina. Bull. Acad. serbe sc., classe med. 15 no.3:55-56 1956.

1. De l'Academie yoguoslave des Sciences et des Arts de Zagreb et de l'Academie serbe des Sciences de Belgrade.

(HELMINTH INFECTIONS, statistics, in Yugosl. (Fr))

RICHTAR, B.

RICHTAR, B. Elm breeding. p. 555.

Vol. 29, No. 7/8, Aug. 1956. SECRNIK. RADA LESNICTVI ACRICULTURE Praha, Czechoslovakia

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

SIMITCH, Tch.; RICHTER, B.; PETROVIC, Z.; LEPES, T.

Parasitic fauna of the intestines in man in Yugoslavia. VII. Intestinal parasites in school children in Serbia. Bull. Acad. serbe sc., classe med. 15 no.3:57 1956.

YUGOSLAVIA

MADJARIC, Dr. Drago; <u>RICHTER</u>, <u>Dr. Branko</u> and <u>KRSNJAVI</u>, <u>Dr. Bogdan</u>; School of Public Health, <u>Medical College</u>, ani <u>Institute for National Health of the Republic (Skola narodnog rdravlja Andrija Stampar Medicinskog fakulteta i Republickog zavoda za zamtitu zdravlja), Zagreb.</u>

"Endemic Hookworm Disease in Hrvatsko Zagorje."

Zagreb, Lijecnicki Vjesnik, Vol 87, No 10, Oct 1965; pp 1073-1078.

Abstract [English summary modified]: Study in the village of Mala Erpenja in Groatia in 1958: out of 1066 persons, 63 were excreting Ancylostoma duodenale eggs in the stool. Another 7 sporadic cases were found among 2,484 school children in that general region. Geologic, meteorologic, dietary, socioeconomic and other data on the environment and epidemiology of ancylostomiasis in Yugoslavia in general are given. Table, 11 Yugoslav references including personal communication, 4 Western references. Manuscript received 14 Oct 65.

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RICHTER, Belane, dr., okleveles mezogazdasagi mernok

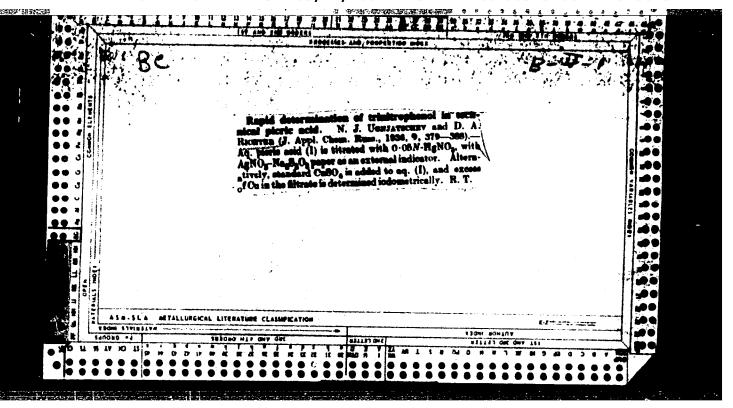
Standardization of industrial plants. Szabvany kozl 16 no.9:
154-156 S '64.

1. Hungarian Dureau of Standards, Budapest.

RICHTER, Cestmir

Transmissions for servomechanisms. Automatizace 6 no.8:198-199 Ag 163.

1. Moravskoslezske elektrotechnicke zavody Hachod.



BULGARIA

RICHTER, J., PENCHEV, P.; Institute of Biology and Medicine (Director Prof. H. Gummel /?/), German Academy of Science; Scientific Research Oncology Institute (Director Prof. N. Anchev)

"Application of Computers in the Determination of the Dose in Radiotherapy"

Sofia, Tentgenologiya i Radiologiya, Vol 5, No 3, 1966, pp 212-217

Abstract: Procedures for the determination by means of computers of doses from linear radioactive sources of arrays are described. The procedures in question were developed in the GDH* and at the Computer Center of the Bulgarian Academy of Sciences. Programming of the computer by the procedure proposed mades it possible to determine the dose 1) without considering absorption and scattering by the filter and tissues. 2) by considering the interaction of the radiation with either the filter or tissues. 3) by considering the effect of both the filter and tissues. The program is applicable for any radiation scurce and at any activity of the scurce, energy of radiation, active length of radioactive preparations, and thickness of filters. Examples of calculation of the distribution of the dose in connection with application

*East Germany

1/2

CZ/0067/65/014/004/0215/0220 SOURCE CODE: AUTHOR: Yickova, V.; Richter. J. ORG: Regional Public Health-Epidemilogical Station KUNG of the North Czech KUY (Krajska hygienicko-epidemiologicka stanice KUNZ Severoceskeho KNV, Usti mad Labem) TITIE: The tularemia epidemic in the northern region of Czechoslovakia (North Bohemia Region) in the Year 1961-1962 SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, v. 14, no. 4, 1965, 215-220 TOPIC TAGS: epidemiology, medical science, preventive medicine, disease incidence, tularemia, bacterial disease, infective disease ABSTRACT: The territorial reorganization of 1960 added to the region of northern Czechoslovakia (North Bohemia) the Kadan (Kadan) and Podborany (Podborany) districts as marked by the appearance of endemic tularemia. This article reports on the epidemic of tularemia in North Bohemia in 1951 and 1952 during which 269 people, for the most part agricultural and form workers occupied in crop raising, fell ill with the disease. The first cases of the disease, which appeared in November, 1961, did not lead to the initiation of any extraordinary hygienic measures. The active search for cases of tularemia only began after information was proffered by the Ustav epidemiologie a milrobiologie in Prague (The Institute of Epidemiology and Microbiology) on

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the increased incidence of tularemia. This search uncovered many other cases and also the territorial extent of the disease. The epidemic reached its maximum in January, 1962, and died out around April of the same year. It is assumed that the actual number of cases of tularemia in humans was greater because a large percentage of the cases was diagnosed asgrippe. There actually was a grippe epidemic from January, to February, 1962. It is pointed out that from the first cases of tuleremia actively searched out by the public health and epidemic services, not even one patient was treated as a tularemia case. The statistics on the epidemic bring out the difficulties faced by doctors in the countryside and in individual hospitals in the problem of correct diagnosis. Meteorological conditions in 1961 in the north Czech region were very favorable to the multiplication of small rodents which subsequently proved to be the principal source of infection of humans. For the most part infection was through the respiratory organ exposed in the preparation of infected feed and fodder for domestic animals, cattle, etc. Of all the tularemia patients, 52.7% were afflicted with the pulmonary form of the disease. In 24.2% of the cases the diseases was marked only by fever, high temperature from 39 - 40°C, lack of appetite, headache, aching of the limbs. Tularemia was identified by the agglutination reaction with antigen of the Institute of Epidemiology and Microbiology in Prague and with antigen of the Vyzkumny ustav veterinarneho in Brno (Research Veterinary Institute). In all, 1,182 tests were made of which 587 proved positive in the case of 269 patients sick with tularemia. The most, effective measure against the spread of tularemia is considered to be vaccination of the people most exposed to this infection. It is conclude

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L 22406-66 EWT(1)/T JK ACC NR: AP5021657 (A) SOURCE CODE: CZ/0067/65/014/004/ AUTHOR: Richter, J.; Vitkova, V.; Stehlik, J.; Minarikova, H. ORG: Regional Public Health Epidemiological Station KUNZ of the North Czec (Krayska hygienicko-epidemiologicka stanice KUNZ Severoceskeho KNV, Usti na District Public Health Epidemiological Station OUNZ (Okresni hygienicko-epideka stanice OUNZ, Teplice) TITLE: The dynamics of tularemia antibodies following vaccination with live vaccine SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, v. 14, no 221-224	ch KNV ad Labem); idemiolo-
ORG: Regional Public Health Epidemiological Station KUNZ of the North Czec (Krayska hygienicko-epidemiologicka stanice KUNZ Severoceskeho KNV, Usti na District Public Health Epidemiological Station OUNZ (Okresni hygienicko-epi gicka stanice OUNZ, Teplice) TITLE: The dynamics of tularemia antibodies following vaccination with liv vaccine SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, v. 14, no	ch KNV ad Labem); ldemiolo-
(Krayska hygienicko-epidemiologicka stanice kunz severoceskeno kun, oto-epidemiological Station OUNZ (Okresni hygienicko-epidenicko-	Ldemiolo-
District Public Health Epidemiological Station Content in Michael Sicka stanice OUNZ, Teplice) TITLE: The dynamics of tularemia antibodies following vaccination with live vaccine SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, v. 14, no	
vaccine SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, v. 14, no	ve tularemia
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	0.4,1965,
TOPIC TAGS: hygiene, health, health service, disease incidence, epidemiolo nostic instrument, preventive medicine	ogy, diag-
ABSTRACT: The article reports on the vaccination of the most exposed group population to the tularemia epidemic in the northern region of Czechosloval Bohemia) and the determination of those inhabitants most subject to infect.	
Bohemia) and the determination of those inhalitation into such a cause of lack of experience with vaccines and vaccination technique it was carry out the "control" of vaccination by following up the formation of tu antibodies in the vaccinated groups at specific time intervals. Sixty-eight	laremia
antibodies in the vaccinated groups at specific time interval	2.
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people in whom tularemia antibodies had not been detected before vaccination were included in the control group. These were subsequently vaccinated and a record kept of the positive, negative and weak post-vaccination reactions. Dry, live tularemia vaccine prepared at the Odesky Institut epidemiologie a mikrobiologie I.I. Mecnikova (The I.I. Mechnikov Odessa Institute of Epidemiology and Microbiology) in the USSR and the vaccinations and recording of the reactions were carried out in accordance with a vaccination handbook also of Soviet origin. Serum was taken from those who had been vaccinated at intervals of 30, 90, and 360 days after vaccination and stored at -20°C until laboratory evaluation time. The presence of P. tularensis antibodies (by the agglutination and the indirect haemagglutination reactions) and of Br. abortus agglutination antibodies was determined. The serum in the determination of agglutination antibodies was diluted in geometric series from 1:10 to 1:1280 and the reaction proceeded over 18 hrs. of incubation at 37°C. Dr. Hauser of KHES in Ceske Budiejovice supplied the raw, unprocessed polysaccharide antigen prepared from the P. tularensis strain 645/62 Ref. Of the 68 samples of serum investigated, tularemia antibodies were found by the agglutination method or the indirect agglutination method in 53 of them, and of these latter, 51 samples of serum were from patients designated as positive after vaccination, and two samples of serum from patients designated as slightly positive. Antibodies against Br. abortus were not detected in a single case. Success in the vaccination operation must be attributed to perfect mastery of the vaccination technique, but also to the correct interpretation of the vaccination reaction. In comparison with other researchers in the field, the authors feel that the

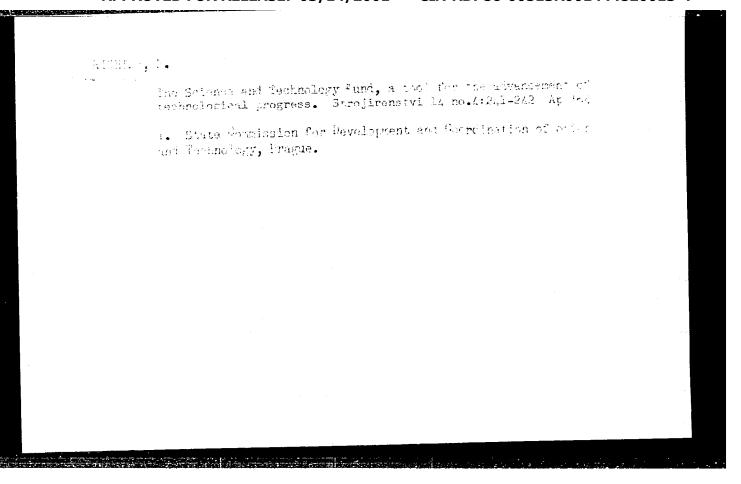
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VITTOVA, V.; TEHTER, J.

An epidemic of tularemia in the North Bohemian region in 1961-1962. Cesk. epidem. 14 no.4:215-220 Jl 165.

1. Krajska hygienicko-epidemiologicka stanice Krajskeho ustavu narodniho zdravi Severoceskeho Krajskeho narodniho vyboru, Usti nad Labem.



RICHTER, Me, inz. CSe.

Calibrated building elements from Ytong material in Sweden. Stavivo 42 no.42155-157 Ap 764

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VITTO VA, V.; 'ICHTAN, J.

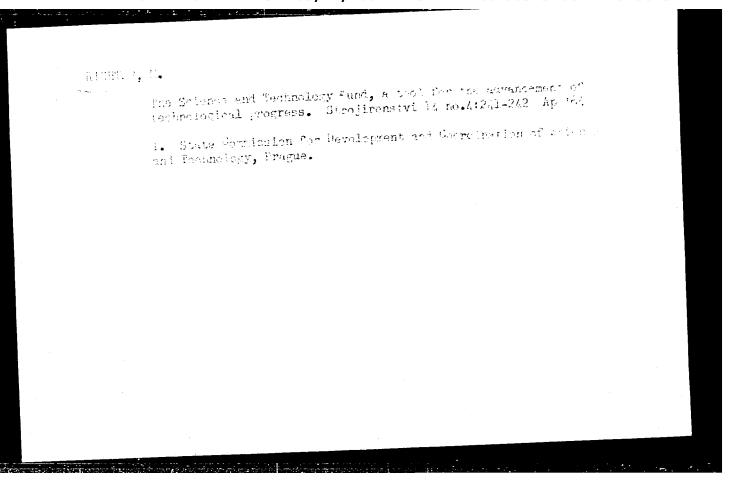
An epidemic of tularemia in the North Bohemian region in 1961-1962. Cesk, epidem. 14 no.4:215-220 J1 165.

1. Krajska hygienieko-epidemiologieka stanice Krajskeho ustavu narodniho zdravi Severoceskeho Krajskeho narodniho vyboru, Usti nad Labem.

Froduction of force-lasted shoes. Kozarstvi 14 no. 5:135-137

My '64.

1. Svit National Enterprise, Gottwaldov.



RIGHTER, M., inz. CSc.

Calibrated building elements from Ytong material in Sysdem. Strvivo 42 no.42155-157 Ap *64

ACCESSION NR: AT4040504

P/2521/64/000/020/0101/0112

AUTHOR: Richter, Henryk (Gdansk)

AND STREET STREET, STR

TITIE: Algebraic method of state assignments for logic circuits

SOURCE: Polska Akademia Nauk. Instytut Maszyn Prezeplywowych. Prace, no.20, 1964, 101-112

TOPIC TAGS: state assignment problem, state assignment, algebraic state assignment, logic circuit, information processing machine, data processing machine, sequential machine, veriable assignment

ABSTRACT: One of the more important problems in the synthesis of a logic circuit is the problem of a suitable selection of binary words of appropriate length and making them conform to the circuit state. This article presents a method which leads to an optimal state assignment for logic circuits containing the smallest possible number of elements. The logic circuit is examined as a universal algebra with a system of one-component algebraic operations. The concept of a nortition pair is then an expanded concept of congruency in algebra. A method for determining the set of the circuit's Mm-pairs is proven. The inequality of information flow in the circuit, indicating the existence of a determination with

Card | 1/2

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RICHTER, Richard, dr., okleveles banyamernok, a muszaki tudomanyok kandidatusa, egyetemi docens

Measurement of soil subsidences caused by mining. Bany lap 96 no.9:595-596 S '63.

1. Nehezipari Muszaki Egyetem Banyamernoki Kar, Miskolc.

A sh	ACTINOM vnitfnich 2 salek E ACTA UNI 26 -year-old vowed the symp	EDICA Sec YCOSIS OF Tenských rodu, PorodnGy IV. PALAK. OI woman, the so toms of pelve drain from a in 26 days by 11 combined w	del - Ricane mekol, Klin, I OMUCENSIS econd case i operitonitis, parametrial	k O . 2 c .ck. Fak. Pal 1958, 15/14 n this hospi Only on sec abscess were	n [sek L ackého Un i (283-286 tal for th ond cultive e actinomy tics (penic sion and d	y, and ara iv., Olomou e past 10 y ation of the ces found. T illin. strept	r., dis- The pa- comycin, he		
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Prof Dr D. RICHTER [Affiliation not stated]

PA Significant Contribution to the bill tomatology of Claderal Leintmaniania.

Pagrob. Injecticki Viesnik. Vol 84, No 12, Dec 62: p 1237.

Abbreact: A laudatory common on the switchic by RACIO and MIOVIC in the same laste, pp. 1217-122: the question of the pulmonary changes in hele-war has herer fore bean neglected by everyone but can momenthure much to serip diagnosis and exact observation of reasonso to drugs. Two Tugosis: and 3 Western references.

RICHTER, Belane

Developing a long-range seed standardization plan. Szabvany kozl 15 no.4385-87 Ap 363.

HRGOVCIC, Martin, dr.; RICHTER, Branko, dr.; SKRABALO, Zdenko, dr.

Distomiasis. Lijecn. vjesn. 85 no.6:627-636 '63.

1. Iz Internog odjela Bolnice "Dr O. Novosel" Suradna ustanova Medicinskog Fakulteta i Skole narodnog zdravlja "Andrija Stampar" u Zagrebu.

(TREMATODE INFECTIONS)

。 1. 是是是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们

RICHTER, Branko, dr.

Intestinal parasites and their laboratory diagnosis. Lijec. vjes. 81 no.7-8:507-512 159.

1. Iz Odjela za parasitologiju Skole narodnog zdravlja "Andrija Stampar" u Zagrebu. (HELMINTHIC DISEASES diag.)

YUGOSLAVIA

HACOVCIC, Dr Martin, <u>Pr Branko RICHTER</u>, and <u>Dr Zdenko SKRABAIO</u>, Department of Internal Medicine (Interni Odjel), <u>Dr. O. Novosel Hospital (Bolnica)</u>, in collaboration with the Faculty of Medicine (Medicinski Fakultet) and Andrija Stampar School of Public Health (Skola Narodnog Zdravlja) in Zagreb.

"Distomiasis."

Zagreb, Lijecnicki Vjesnik, Vol 85, No 6, 1963, pp 627-636.

Abstract: Authors' English summary modified An introduction devoted to the biology and epidemiology of fascioliasis is followed by a survey of the geographical diffusion of the infection in humans, with particular reference to Yugoslavia. The clinical symptoms and therapeutical results are described as observed in six cases over a period of three years. The clinical picture, positive skin tests, and effective emethine therapy were the basis of diagnosis, which was suggested by a high proportion of eosinophile cells in the peripheral blood. The infection is mainly incidental and mild in Yugoslavia. Tables, 32 references, mainly Western.

Richter, E.

Ten years of the German Democratic Republic, the years of building up the socialist chemical industry. p.351

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest, Hungary. Vol.11, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11 November 1959 Uncl.

RICHTER, E.

"The chamical industry, center of gravity in the Seven-Year Plan of the German Democratic Republic, Tr. from the German."
"Development of the chemical industry in the Chinese People's Republic. Tr. from the Russian."

TEZHKA PROF SHLENOST, Sofiia, Bulgaria, Vol. 8, no. 5, kar. 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

Richter, E.

New types of tractors for agriculture. p.5.

WJITCK LAPJA (Crszagos Talalmanyi Hivatal) Budapest. Vol 7, no. 11, June 1955.

SCURCE: EFAL, Vol 5, no. 7, July 1956.

RICHTER, E.

Ten years of existence of the German Democratic Republic, ten years of building a socialist chemical industry. p. 553

REVISTA DE CHI IE. (Ministerul Industriel Petrolului si Chimiei si Asociatia Stiintifica a Inginerilor si Tohnicienilor din Rominia) Bucuresti. Rumania, Vol. 10, no. 10, Oct. 1959

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

Uncl.

BOGNAR, Imre; PAPP, Karoly; TOLGYES, Lajos; BERKE, Bela; RICHTER, Ervin

Appearance of professional standards. Szabvany kozl 14 no.9:202204 S '62.

对对的是不是是不是不是不是不是不是,我们就是这些的,我们就是这个人,但是不是是这个人的,也不是是这个人的,也是不是是不是是,我们就是这个人的。

1. Kozlekedesi- es Postaugyi Miniszterium, Tervgazdasagi es Muszaki Fejlesztesi szakosztaly vezetoje (for Bognar). 2. Kozlekedes- es Postaugyi Miniszterium Epitesi es Palyafenntartasi szakosztaly vezetoje (for Papp). 3. Kozlekedes- es Postaugyi Miniszterium Gepeszeti Szakosztaly vezetoje (for Tolgyes). 4. Kozlekedes- es Postaugyi Miniszterium Forgalmi es Kereskedelmi szakosztaly vezetoje (for Berke). 5. Kohaszati es Gepipari Miniszterium 3. sz. Erosaramu Szahwanyositasi Dozpont vezetoje (for Richter).

RICHTER, Ervin

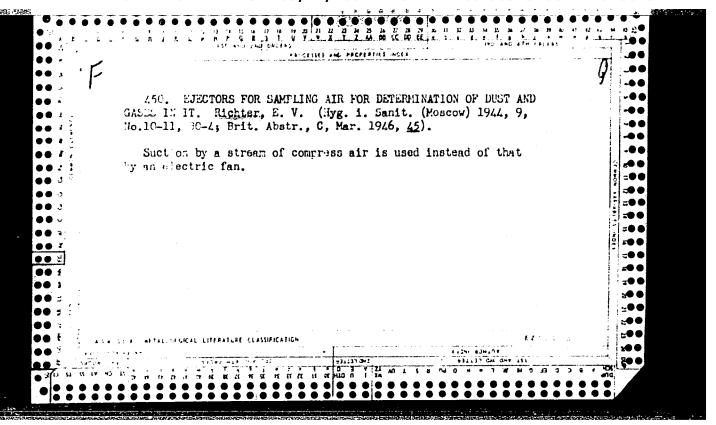
Guiding principles for coordinating insulation levels of electric installations to be used in severe weather. Villamossag 8 no.7:204-208 Jl '60.

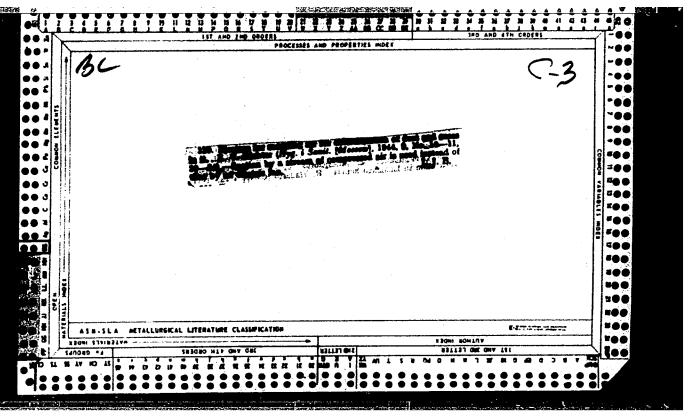
RICHTER, E.

"Unexamined innovations in the vehicle industry." (p.5) "The innovators overcome scarcity of spare automobile parts." (p.6) "Results of in ovators in the trucking industry." (p.7) "Rewarding important innov tions." (p.7) Preventi n of traffic accidents without innovations." (p.8) UJITOK LAPJA (Orszagos Talalmanyi Hivata) Budapest. Vol. 6, no. 8, Apr. 1954.

SO: EFIT European Accessions List, Vol 3, No 8, Aug 1954.

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anther than of East European Administrations (EMI) L), Vol. 9, no. 2, 195. 1959.	. r.c	strate a chipsething. p. 200.
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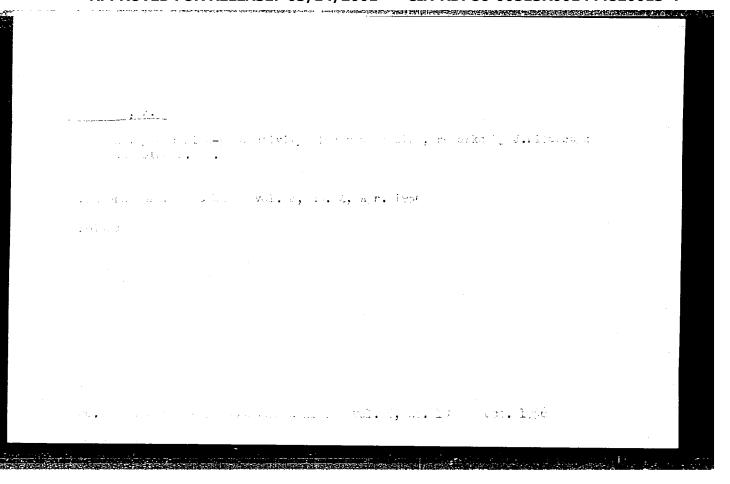
35773 7.

Investi ation of zones under tensille stress in the elastic surroundings of cross sections.

表现,这种人,我们就是我们就是我们就是我们的,我们就是我们的,我们就会没有一个,我们就是这些人,我们就会会的,我们就会会是我们的,我们就会会会,我们就会会会会会 第一个

F. 29h (Ma. yar Panyaszati es hohaszati Egyesület) Pudapest Vol. 12, Mo. 6, June 1957,

ab: Henthly Index of East European Accessions (AEEI) Vol. 6, No. 11 Lovember 1957,



"Limits of the energy of ultrachemical radiation. p. 207. (CASCPIS LEAKARU CESKYCH, Vol. 92, #8, Feb. 1953, Czechoslovakia)

East European Vol. 2, #8

So: Monthly List of RASSIAN Accessions,/Library of Congress, August 1953, Uncl.

KEYZLAR, Theodor, inz., RICHTER, Frantisek

Manufacture of selenium-cadmium ruby glass for special purposes. Sklar a keramik 13 no. 12: 327-328 D '63.

1. Duchcovske sklarny, n.p., Duchcov.

PHASE I BOOK EXPLOITATION

CZECH/5641

Richter, František

- Chemigrafie (Chemigraphy) Prague, SNTL, 1960. 310 p. 900 copies printed.
- Reviewers: K. Parizek, Engineer, and F. Jarušek, Engineer; Chief Ed. for Chemical Literature: Adolf Balada, Doctor; Resp. Ed.: Vladimir Drbohlav, Engineer.
- PURPOSE: This book is intended for workers and technicians in polygraphy and for the general reader interested in present-day polygraphic technique, especially chemigraphy.
- COVERAGE: The book discusses polygraphic technology in all its phases and reviews the process steps in reproduction photography, pen reproduction of single-color and multicolor pictures, retouching, and masking. Photomechanical transfer on metal, the etching of pen and autopen single-color and multicolor engraving plates (including express etching methods and automatic printing machines),

Card-1/8

Chemigraphy

CZECH/5641

engraving correction, the repair of engraving plates, printing, and finishing operations in making engraving plates are treated in detail. Although the Introduction states that the book is intended to fill the need for a thorough treatment of technological processes in reproduction photography and its applications in typography, offset, phototype, etc., the process is discussed only in relation to its applications in making engraving plates for printing. Modern chemigraphy in foreign countries is reviewed, and details on individual processes, measurement methods, and new instruments and other equipment are discussed. No personalities are mentioned. There are 20 references: 16 German and 4 English.

TABLE OF CONTENTS:

Introduction

7

Ch. I. Reproduction Photography
1. Development

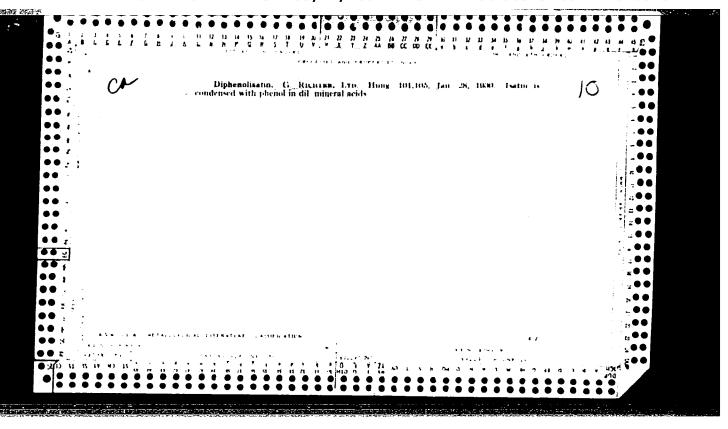
9 10

Card 2/8

RICHTER, Fritz, inz.

An austenitic electrode with controlled ferrite for welding the fully austenitic steel for temperatures up to 6500 centigrade. Zvar sbor 9 no.4:424-431 '60

1. Elektrodovna, Berlin.



WP(t) PI=4 JD/13)/EWT(m)/EWP(h)/EWP(b)/EWA(d)/EWP(1)/EWP(v)/
CCESSION NR: AP4047429	8 (6) German Democratic
	ic Republio); Richter, G. (German Democratic
ITLE: An investigation of the process reliminary upsetting	of drawing heavy forgings with and without
OURCE: Kuznechno-shtampoyochnoye proi	zvodstvo, no. 10, 1964, 4-8
OPIC TAGS: metalworking, metal forginetal deformation, metal forming press/	g, metal mechanical property, metal ductility <u>SK35 steel</u>
BSTRACT: To fill the gaps in the pertracted the influence of preliminary upsets also determined the degree of upsetting mechanical properties of the products, internal friability. Two 25-ton identifications, the disappearance of internal properties. The disappearance of internal properties.	inent literature the authors have investi- itting on the quality of drawn products. They is deformations that correspond to the optimal the best metal structure, and the minimal cally treated ingots from a single melt of ged and the other forged after a preliminary hal defects was studied during the experiments was found to exert no influence on the range upsetting increased the amount of elongation

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ACCESSION NR: AP4047429

and necking. At larger forging reductions (3-5), mechanical properties of the central part of the metal (measured in the longitudinal direction) and the ductility (in transverse and radial directions) were better after upsetting. Slag and liquation inclusions were shorter in the upset specimens (see Fig. 1 on the Enclosure). Ultrasound and other studies of the artificially made radial and longitudinal openings in the specimens showed their greater diminution after upsetting. Three similar specimens subjected to various amounts of upsetting were investigated chemically, mechanically, and structurally. The flow of metal was found most intensive at the center where the segregation of materials was least noticeable and the structural changes the greatest. All these characteristics, as well as the ductility and the diminution of openings, increased with a higher degree of upsetting. The authors include a survey of power requirements for presses to be used with various weights and sizes of ingots, and they recommend the upsetting degree of 2.25 for the sealing of openings. In conclusion they thank Prof. Dr. Ye Maurer for his advice and directions. Orig. art. has: 2 figures, 8 graphs, and 1 table.

ASSOCIATION: none

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OTHER: 009

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001444820013-4"

SUB CODE:

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epubric)	7 UR/0182/64/000/010/0004/0008 B (5) Republic); Richter, G. (German Democratio	
TTLE: An investigation of the process oreliminary upsetting	f drawing <u>heavy forgings</u> with and without	
OURCE: Kuznechno-shtampoyochnoye proizv	odstvo, no. 10, 1964, 4-8	
OPIC TAGS: metalworking, metal forging, metal deformation, metal forming press/	metal mechanical property, metal ductility	
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ACCESSION NR: AP4047429

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ASSOCIATION: none

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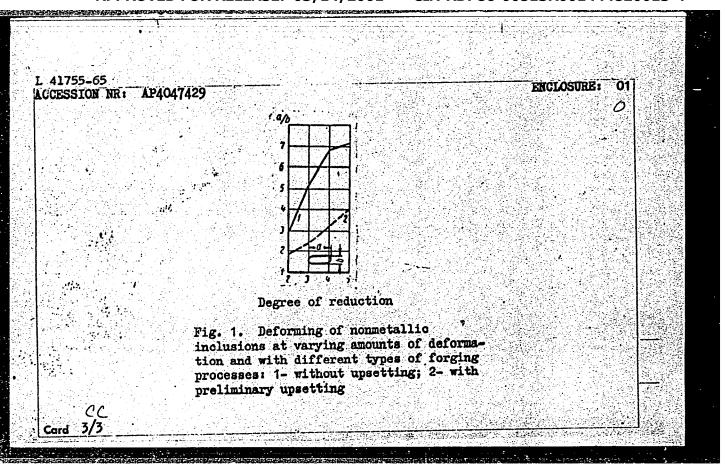
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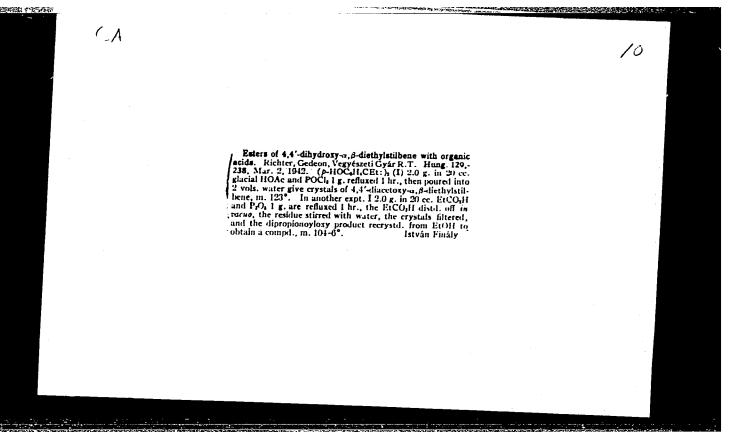
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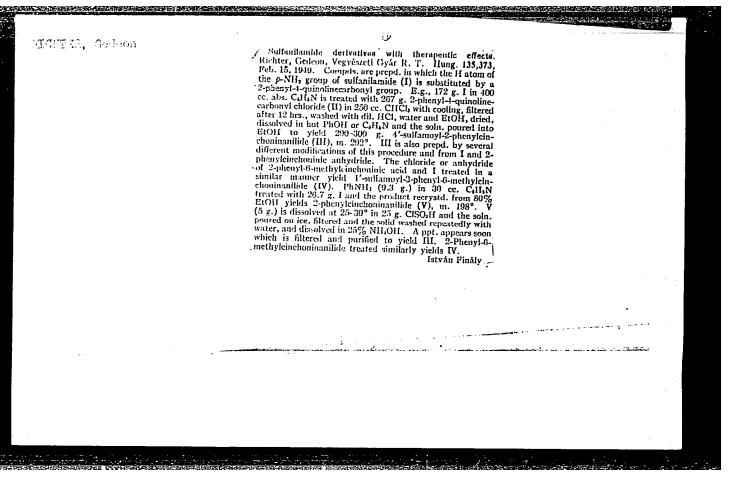
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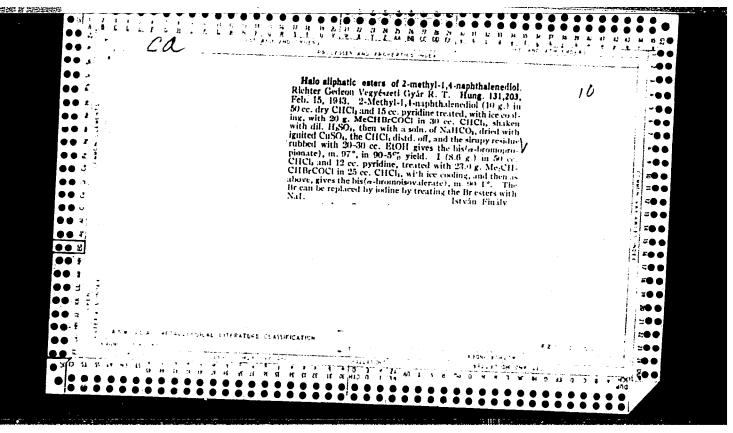
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Card 2/3









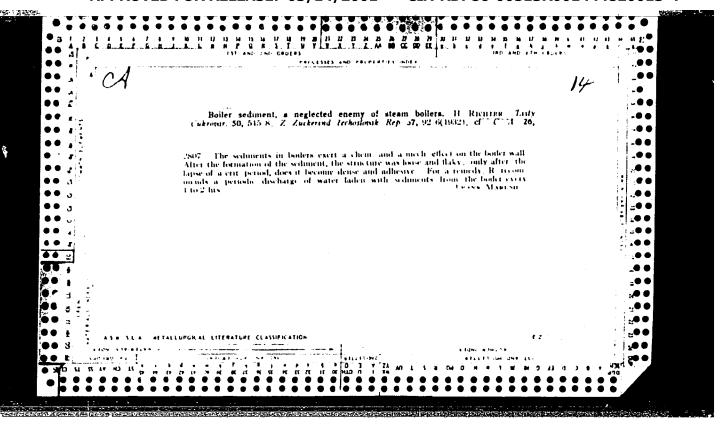
RICHTER, Gertraud

A short account of the polarization investigations of transverse insertions. Geofiz kozl 9 no.1/2:51-53 '60.

RICHTER, G.D., doktor geogr. nauk, otv. red.; VELICHKO, A.A., red.;
LILIYENBERG, D.A., red.; SEREBRYANNYY, L.R., red.;
CHIKISHEV, A.G., red.

[Geographical reports; materials of the Sixth Conference of the Young Scientists of the Institute of Geography of the Academy of Sciences of the U.S.S.R.]Geograficheskie so-obshcheniia; materialy VI konferentsii molodykh uchenykh Instituta geografii AN SSSR. Moskva, Akad.nauk SSSR, 110 p. (MIRA 15:8)

1. Akademiya nauk SSSR. Institut geografii. (Geography---Congresses)



G/0010/64/000/006/0178/0180

ACCESSION NR: AP4019321

AUTHOR: Muesel, Fritz (Engineer), Richter, Hans-Joachim

TITLE: Fuel cells and biochemical elements

SOURCE: Radio and Fernschen, no. 6, 1964, 178-180

TOPIC TAGS: Fuel cell, biochemical cell, oxidizer, reducer, electrolyte

ABSTRACT: For most application electrochemical batteries are used. They have limited life because the electrodes decay due to the chemical reaction with the electrolyte. Recent advancements led to the development of fuel cells and biochemical elements which do not have the above disadvantage. The first fuel cell was demonstrated more than a century ago. Only recently the research on fuel cells was taken up again triggered mostly by military and space requirements. The main advantage is the high efficiency of 70% as compared to 40% as the maximum efficiency of the heat engine. It has no movable parts, does not produce any vapors, can be built-at least theoretically-to any size and capacity. The cost is low because no close tolerances are needed. They are insensitive and require a minimum of maintenance. There is no optimum size, the efficiency is the same for all sizes. No energy is consumed if no load is connected. The disadvantages are the low energy

ACCESSION NR: AP4019321

at the present time, the high cost of some systems and the fact, that only dc can be produced requiring converters for ac. In the fuel cell chemical energy is converted directly into electrical energy. It is a primary element where fuel and oxidizer are stored externally and fed to the element only when needed. The fuel cell is not subject to the Carnot process because the heat cycle is excluded. In addition to the fuel and the oxidizer there are two electrodes (silver, nickel, palladium, mercury, platinum, carbon, rhodium) and an electrolyte (potassium hydroxide, seawater, and others). A catalyst is used to start the reaction. The anode supplies electrons to the external circuit while the cathode feeds electrons to the oxidizer. The electrolyte transports ions and prevents fuel gas from escaping. The following oxidizers are used: oxygen, air, chlorine and bromine. Reducers are: hydrogen, carbon monoxide, natural gas, methane, ethane, carbon, fomaldehyde, alcohol, zinc, magnesium, sodium, lithium and ammonia. Several fuel cells have to be connected in series or in parallel. The simplest fuel cell uses oxygen and hydrogen, a concentrated alkali solution as electrolyte and nickel and carbon electrodes. In 1958 a fuel cell with 30 W was built having an energy density of 11 W/dm3. Because of the danger associated with a oxygen-hydrogen mixture other fuel cells have been developed. In 1959 a tractor was equipped with 1008 fuel cells, 9 each in parallel providing 15 kW. Another fuel: cell was used in a rocket test.

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ACCESSION NR: AP4019321

Heat can be transformed directly into electricity with an efficiency of 50%. Pirst the chemical reaction takes place producing electrical energy during cooling. heat regenerates the chemicals and thus keeps the process going. Biochemical elements also have important advantages over conventional electrochemical elements. Here organic substances are used. So far only experimental models have been built. Current densities of a few milliamperes per cm² have been achieved. Micro-organisms on the electrodes increase the current densities. The organic substances are hydrocarbons, sebacic acids, alcohols and ureas. Oxidizers are nitrates, sulfates and carbonates. The biological contributions are bacteries and ferments. There are two groups of biochemical elements, indirect and direct elements. In the indirect elements the bacteries produce an electroactive intermediate material which then reacts with the electrolyte. In the direct element the biochemical and the electrochemical reactions take place simultaneously. The bacteries are in two compartments and start the reactions. Some experts hypothesize that the bacteries consume charges The two compartments are separated by a porous wall. Each compartment has an electrode. A weak sulphurous acid is used as electrolyte. Hydrous ferrous sulphate reacts with the electrolyte freeing electrons and hydrogen. The bacteries consume electrons converting oxygen and hydrogen ions into water. Connecting the two electrodes a current is measured. So far the information in incomplete. Breakthroughts are expected in the near future in both the fuel cell and the biochemical element. Orig. art has: 7 figures. Card 3/4

RICHTER, Hans (Lipcse); HAASE, Gunter (Drezda); BARTHEL, Hellmuth (Drezda)

Periglacial characteristics under continental climate. Foldr.

kozl. 11 no.3:234-241 '63.

RICHTER, Hans

The amorphous structure of metalloids, metals, and alleys

Physik. Z.

Vol. 44, 1943, pp. 406-41

Abstracted in: Chem. Abs., Vol. 40, 71127

Algebraic method of denotating the state of sequential machines. Inst masz przep PAN 20 101-112 '64.

The state of the s

DOBROWOLSKA, Halina; RICHTER, Iwona; WALENTYNOWICZ-STANCZYK, Regina

Isolation of infectious jaundice virus. Med. dosw. mikrob. 7 no.1: 89-96 1955.

1. Z Zakladu Wirusologii Panstwowego Zakladu Higieny w Warszawie. Kierownik: prof. dr F.Przesmycki.

(HEPATITIS, INFECTIOUS, virus, isolation)
(VIRUSES.

hepatitis, infect., virus, isolation)

RICHTER, Janos, dr. (Budapest, XIV., Zaszlos u.31)

A new method for the fractionation of serum proteins. Acta chimica Hung 41 no.1/2:167-169 '64.

1. State Institute for Vaccine Production, Budapest.

riveu,	
·	Mechanical Ceeders and magazines. p. 235. SER JINCON VER 1. Ministerative strojirenstvi) Fraha. Vol. A, Ho. 6, June 1956.
	STURCE: Cost European Accessions List, Vol. 5, no. 9, September 1956