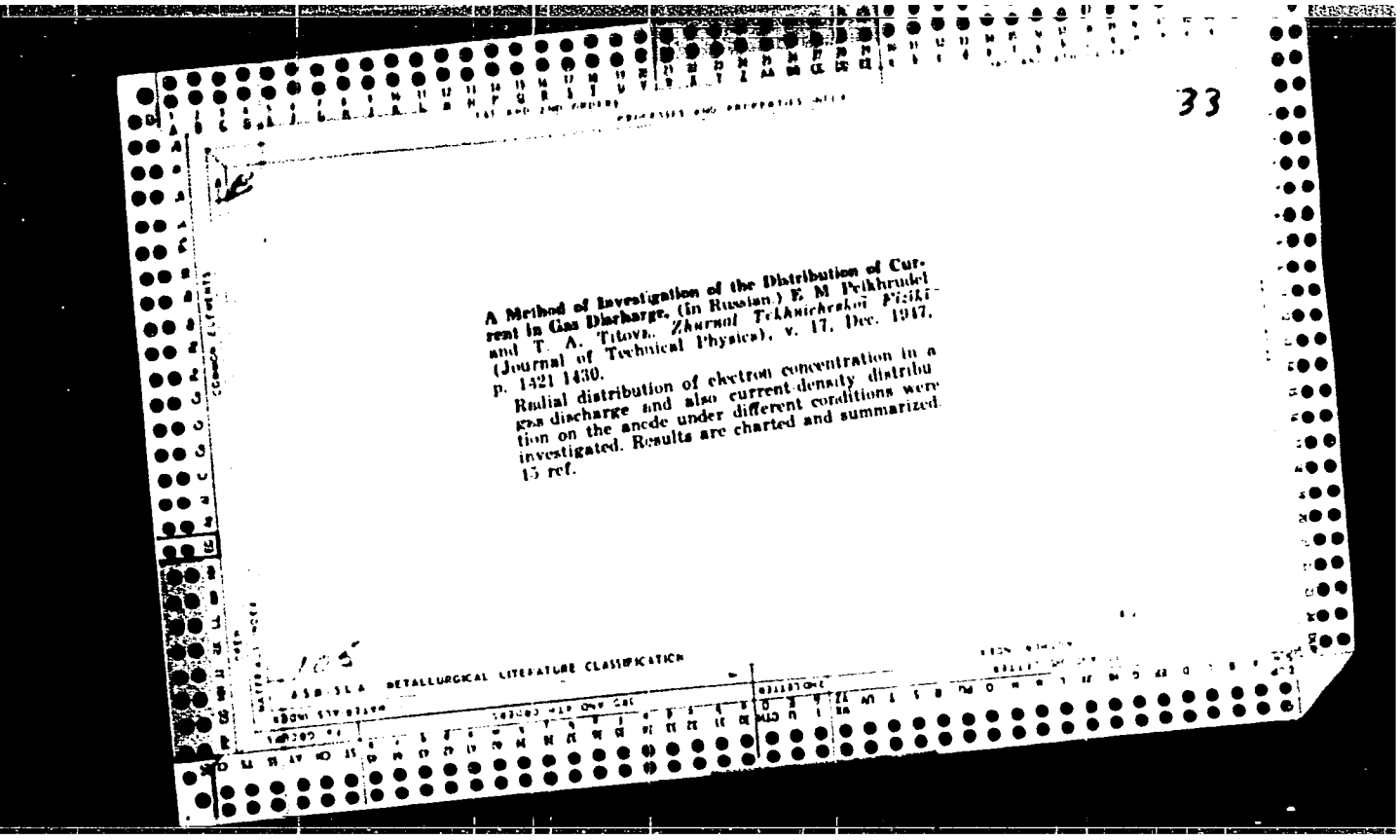


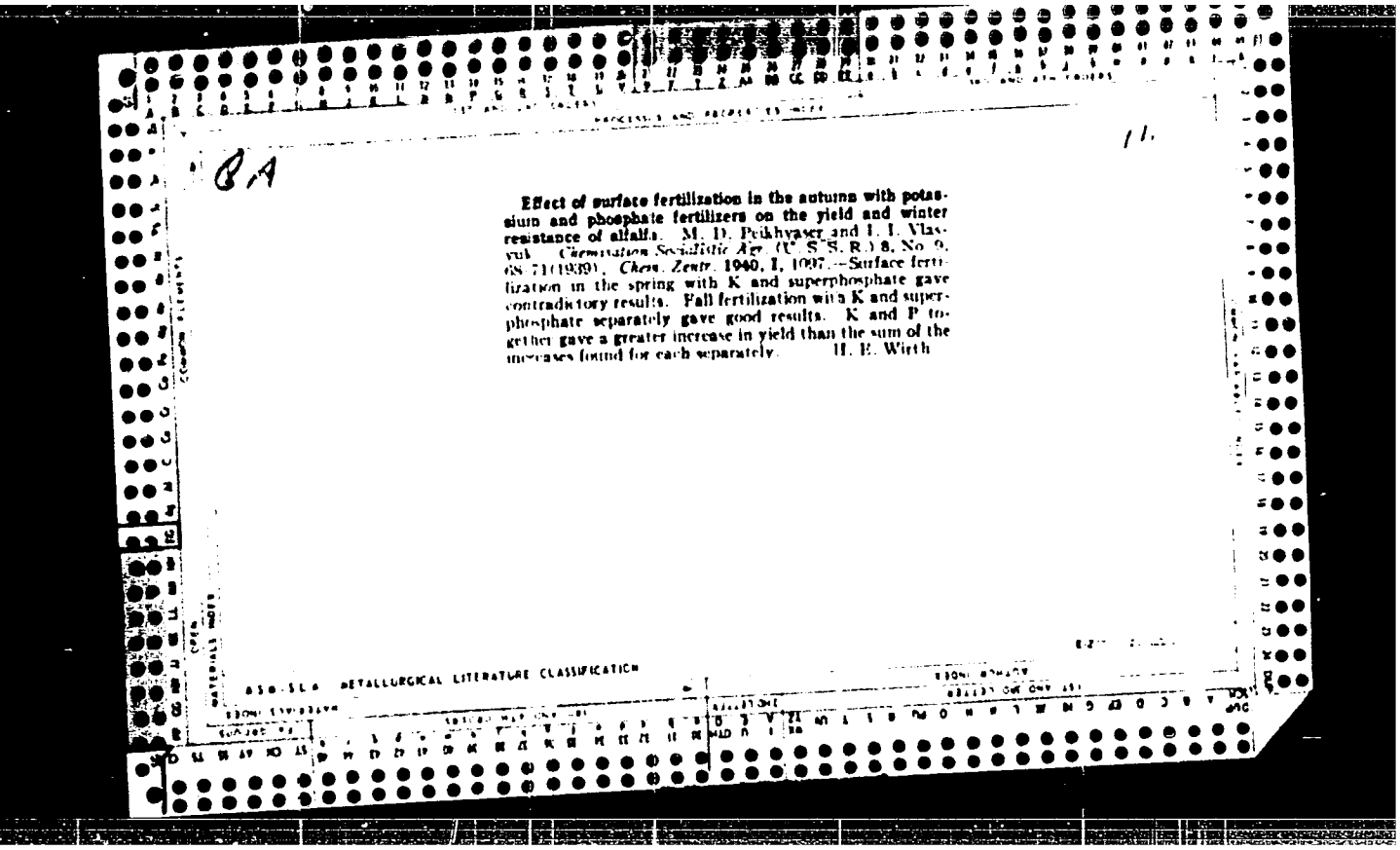
33

A Method of Investigation of the Distribution of Current in Gas Discharge. (In Russian.) E. M. Pelkhrudel and T. A. Titova. *Zhurnal Tekhnicheskoi Fiziki* (Journal of Technical Physics), v. 17, Dec. 1947, p. 1421-1430.

Radial distribution of electron concentration in a gas discharge and also current-density distribution on the anode under different conditions were investigated. Results are charted and summarized. 15 ref.

165

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



8A

11

Effect of surface fertilization in the autumn with potassium and phosphate fertilizers on the yield and winter resistance of alfalfa. M. D. Pelkhyasev and I. I. Vlasyuk. *Chemization Socialistic Agr.* (U. S. S. R.) 8, No. 9, 68–71 (1939). *Chem. Zentr.* 1940, I, 1007.—Surface fertilization in the spring with K and superphosphate gave contradictory results. Fall fertilization with K and superphosphate separately gave good results. K and P together gave a greater increase in yield than the sum of the increases found for each separately. H. E. Wirth

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

PEIKOV, Ivan

Work of the circle in the school mushroom beds. Biol i khim 5 no. 2:52-53 '63.

1. Uchil. "Ivan Rilski", Varna.

PEIKOV, Ivan, inzh.; PELOVSKI, Simeon, inzh.

Design for the first submerged hydroelectric-power station in our country. Khidrotekh i melior 7 no.5:158-159 '62.

PEIKOV, Ivan, inzh.

Collecting of water from the Pasarel Hydroelectric Power Plant to meet the needs of Sofia. Khidrotekh i melior 8 no.1:30-31 '63.

PEIKOV, Ivan, uchitel (s. Ignatievo, Varnenska)

Preparing and carrying out the lessons on natural science in the practical field for the 5th grade. Biol i khim 4 no.2:37-39 '62.

PEIKOV, St., inzh.

Production and application of molybdenum in the world and in Bulgaria. Min delo 17 no.7:32-33 Jl '62.

1. Upravlenie "Tsvetna metalurgiia i rudodobiv".

PEIKOV, St., inzh.

The Mining and Metallurgic Combine of Bor, Yugoslavia. Min delo 18 no.3:33-34 '63.

1. Komitet po promishlenostta.

PEIKOV, St., inzh.; BOICHEV, At., inzh.; MEKHANDZHIEV, M., inzh.

The froth method in dust elimination, and its application at the State Metal Works "G. Dimitrov.". Min delo 17 no.4:36-39 Ap '62.

1. Upravlenie "Tsvetna metalurgiia i rudodobiv" kum Komiteta po promishlennostta (for Peikov). 2. Otdel "Promishlen" pri Okruzheniia komitet ba Bulgarskata komunisticheska partiia, Vratsa (for Boichev). 3. DMMP "G. Dimitrov" (for Mekhandzhiev).

PEIKOV, St., inzh.

The work of the cinders electrofilters in the Georgi Damianov Copper Combine. Min delo 16 no.12:34-36 '61.

1. Upravavlenie "Tsvetna metallurgiia i rudodobiv" kum KP.

(Copper industry and trade)

PEIKRISHVILI, I.

Beridze, G. and Peikrishvili, I. "Yenisei ' wine" Trudy In-ta vinogradarstva i vinodeliya (Akad. nauk Gruz. SSR), Vol. V, 1949, p. 143-51, (In Georgian, resume in Russian), Bibliog 8 items.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

PEILE, E.

Publications of the Latvian Academy of Sciences. In Russian. p. 175.

LATVIIAS PSR ZINATNU AKADEMIJA. VESTIS. RIGA, LATVIA. No. 3, 1959

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

PEILE, E.

Publications of the Latvian Academy of Sciences institutions. Vestis Latv ak no.10:189-190 '59. (EEAI 9:10)
(Latvia--Bibliography)
(Academy of Sciences of the Latvian S.S.R.)

PEILE, E.

Publications of the institutions of the Latvian Academy of Sciences.
Vestis Latv ak no.11:179-182 '59. (EEAI 9:11)
(Latvia--Bibliography)
(Academy of Sciences of the Latvian S.S.R.)

PEILE, E.

Publications of the institutes of the Latvian Academy of Sciences.
Vestis Latv ak no.9:187-190 '60. (EEAI 10:9)

(Latvia—Bibliography)
(Academy of Sciences of the Latvian S.S.R.)

PEILE, E.; SLUCKINA, A.; LEVI, S., red.

[Academician Arvids Kalnins; a biobibliography] Akademikis Arvids Kalnins; biobibliografija. Riga, Latvijas PSR Zinatnu Akad. izd-ba, 1964. 154 p. (MIRA 17:10)

1. Latvijas Padomju Sotsialistiskas Republikas Zinatnu Akademija. Fundamentala biblioteka.

PEILE, E.

Publications of the institutes of the Department of Social Sciences of the Academy of Sciences of the Latvian S.S.R.
Vestis Latv ak SSR no.8:149-151 '62.

PEILE, E.

Publications of the institutes of the Department of Biology and Medicine of the Academy of Sciences of the Latvian S.S.R. Izv., AN Latv. SSR no.5:151-153 '62. (MIRA 16:7)
(Bibliography--Biology)

PEILE, E.

Publications of the Academy of Sciences of the Latvian S.S.R. Vestis Latv ak no.1:177-179 '61.

PEILE, E.

Publications of the Department of Physicotechnical Sciences of the Academy of Sciences of the Latvian S.S.R. Izv. AN Latv. SSR no.10:125-128 '63. (MIRA 17:1)

PEILE, E.

Publications of the Latvian Academy of Sciences. Vestis Latv ak no.12: 183-185 '60. (KEAI 10:9)

(Latvia--Bibliography)
(Academy of Sciences of the Latvian S.S.R.)

PEILE, E.

Publications of the Department of Chemical and Biological Sciences of the Academy of Sciences of the Latvian S.S.R. Izv. AN Latv.SSR no.9:133-135 '63. (MIRA 16:12)

PEILE, E.

Publications of the Department of Social Sciences of the Academy of sciences of the Latvian S.S.R. Izv.AN Latv.SSR no.1:125-128 '64.

Publications of the Department of Chemical and Biological Sciences of the Academy of Sciences of the Latvian S.S.R. Ibid.:128-131 (MIRA 17:4)

PEILE, E.

Publications of the Department of Chemical and Biological Sciences of the Academy of Sciences of the Latvian S.S.R. Izv.AN Latv.SSR no.2:117-119 '64. (MIRA 17:4)

PEILE, E.

Publications of the Academy of Sciences of the Latvian SSR.
Vestis Latv ak no.1:177-179 '61. (KEAI 10:9)

(Latvia—Bibliography) (Academy of Sciences of the Latvian S.S.R.)

PEILE, E.

Publications of the Academy of Sciences of the Latvian S.S.R.
Vestis Latv ak no.6:176-180 '61.

(Bibliography)

PEILE, E.

Publications of the Academy of Sciences of the Latvian S.S.R..
Vestis Latv ak no.12:141-143 '61.

PEILE, E.

Publications of the Academy of Sciences of the Latvian S.S.R.
Vestis Latv ak no.1:153-154 '62.

PEILOWSKI, Z.

Artificial nesting facilities for birds living partly in tree holes. p. 40

CHRONMY PRZYRODE OJCZYSTA. (Panstwowa Rada Ochrony Przyrody)
Krakow. Vol. 15, no.1, Jan./Feb. 1959
Poland

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

2694. EFFECTS OF STRONG LIGHT FLASHES OF SHORT DURATION ON HUMAN AND RABBIT RETINA AND BRAIN STUDIED BY ELECTRO-RETINOGRAPHIC AND ELECTROENCEPHALOGRAPHIC METHODS (Russian text) - Peimer I. A. - AKADEMIYA NAUK SSSR 1958, 3/1 (52-61) Graphs 6 Illus. 1

Simultaneous ERG and EEG readings were taken from 15 human subjects and 10 rabbits exposed to strong light flashes of various (short) durations. The ERGs showed a remarkable difference from the usual tracings: after a latent period averaging 5 msec. there appeared first a deep negative a-wave and then the positive b-wave, followed slowly by the negative c_1-wave an the after-potential c_2. The negative components a and c_1 were preserved when the flash was given against a background of illumination already present. This is also the case with adaptation. Both appear to be connected chiefly with the activity of the cones, whereas the b component is due to activity of the rods. The b component falls off sharply with adaptation of the eye and increases greatly in darkness. When the eye is illuminated with normal light, practically no ERG appears at first; when it does appear the negative components are seen first, followed by positive b-waves, which increase in logarithmic relationship to the time that has elapsed since the flash. Brief illumination of high intensity causes a depression of the a-waves of the EEG. These also show a short latent period and other changes differing only quantitatively from those produced by normal illumination. The changes in the ERG last longer than those in the EEG. This points to a protective action against damage to the brain. It is worthy of note that all these phenomena were identical in the human and the animal subjects. Von Skramlik - Berlin (II, 8, 12)

FEJNAR, A.

Practical use of the caving system. p. 293. Vol. 2, No. 11, Nov. 1954

RUDY. Praha.

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

PEINEKOVA, Khr.; PENEVA, M.

Treatment of chronic alcoholism with apomorphine and sodium hyposulfite. Suvrem med., Sofia no.7-8:111-115 '60.

1. Iz Gradskiia psikho-nevrologichen dispancer (Glaven lekar L.Krustev)

(ALCOHOLISM ther)
(APOMORPHINE ther)
(SULFITES ther)

PEIRFA, I.

Aurel A. Babes (1886-1962). Stud. cercet. endocr. 13 no.3:443-444 '62.

(OBITUARIES)

GOL'DFARB, D. M.; PEISAKHIS, L. A.

Mechanism of action of bacterial toxins in the organism of sensitive and resistant animals; role of environmental temperature on reproduction of botulism in frogs. Uchen. zapski vtor. moskov. med. Inst. Stalina 1:217-222 1951.
(CLML 21:3)

1. Assistant for Gol'dfarb. 2. Department of Microbiology (Head — Prof. V. D. Timakov, Corresponding Member AMS USSR).

PRITCHARD, S.

"Radioactivity of a group of Polish phosphorites."
Bulletin, Warsaw, Vol 1, No 1/2, 1953, p. 37

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

PEIPRAZNIK, STEFAN

Category : POLAND/Solid State Physics - Mechanical Properties of Crystals and Polycrystalline Compounds E-9

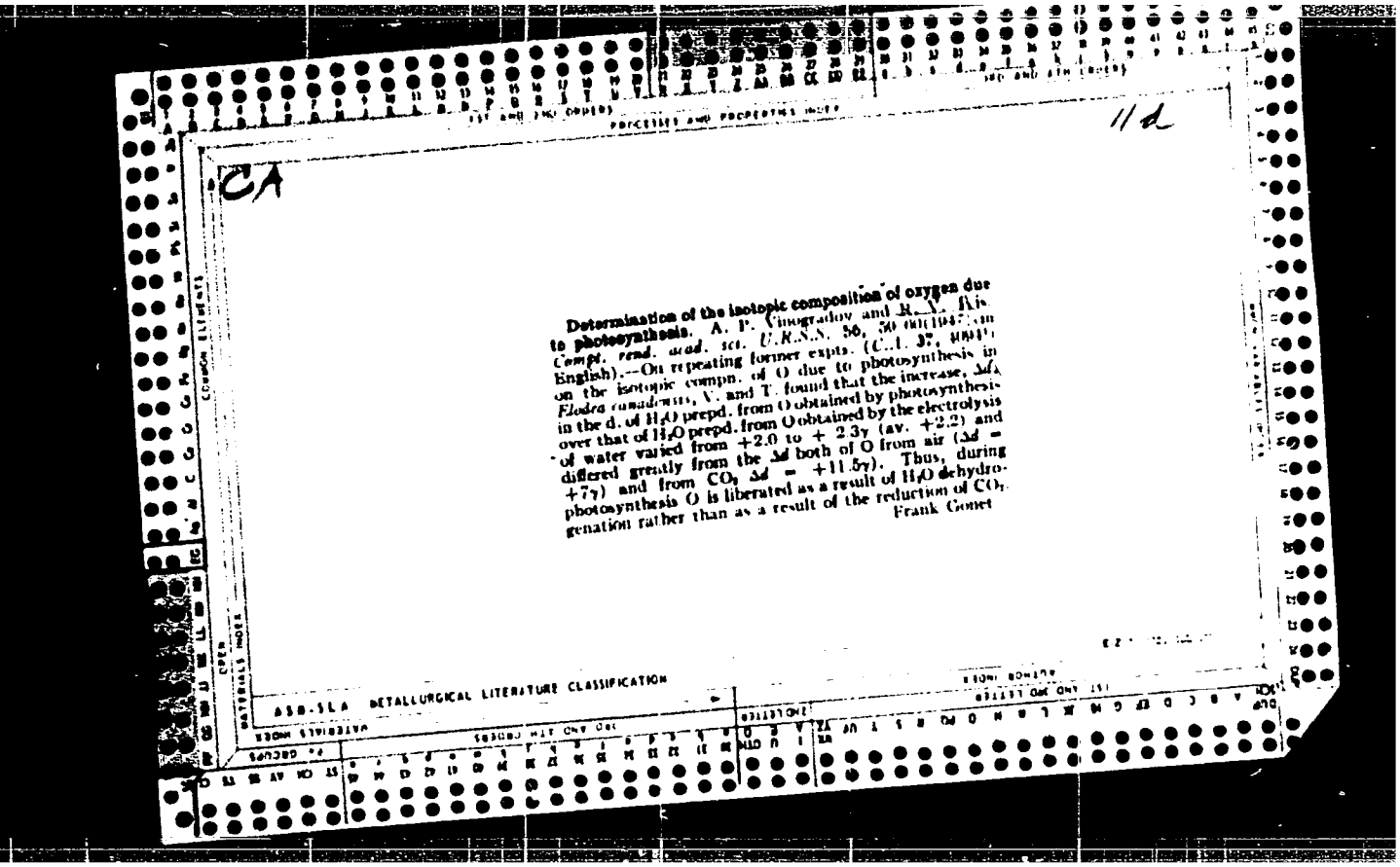
Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3970

Author : Dubowicki, Mikolaj; Sakwa, Waclaw; Peipraznik, Stefan
Title : Effect of Hardening on the Mechanical Properties, Hardness, and Structure of Pearlite Malleable Cast Iron

Orig Pub : Przegl. odlewn., 1956, 6, No 4, 97-103

Abstract : No abstract

Card : 1/1



CA

11 d

Determination of the isotopic composition of oxygen due to photosynthesis. A. P. Vinogradov and R. V. [illegible] (*Compt. rend. acad. sci. U.R.S.S.*, 56, 50 [illegible] (English).—On repeating former expts. (C.A. 37, [illegible]) on the isotopic compn. of O due to photosynthesis in *Elodea canadensis*, V. and T. found that the increase, Δd, in the d. of H_2O prepd. from O obtained by photosynthesis over that of H_2O prepd. from O obtained by the electrolysis of water varied from +2.0 to + 2.3γ (av. +2.2) and differed greatly from the Δd both of O from air (Δd = +7γ) and from CO_2 Δd = +11.5γ). Thus, during photosynthesis O is liberated as a result of H_2O dehydrogenation rather than as a result of the reduction of CO_2.

Frank Gonet

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

PEISERT, Eugenia

The value of Tzanck's test in differential diagnosis of bullous changes of unknown etiology. Przegl. derm. 49:45-48 '62.

1. Z Kliniki Dermatologicznej AM w Poznaniu Kierownik: prof. dr A. Straszynski.

(PEMPHIGUS) (DERMATITIS HERPETIFORMIS)

PEISIK, L.

Peisik, L., and Gorbenko, L. "A Study of The Magnetic Susceptibility [illegible] netometers and Their Application to Geo-Prospecting)." Avtoreferaty Nauchno-Issledovatel'skikh Rabot, Vuzy, No. 3, 1954, pp. 3-4.

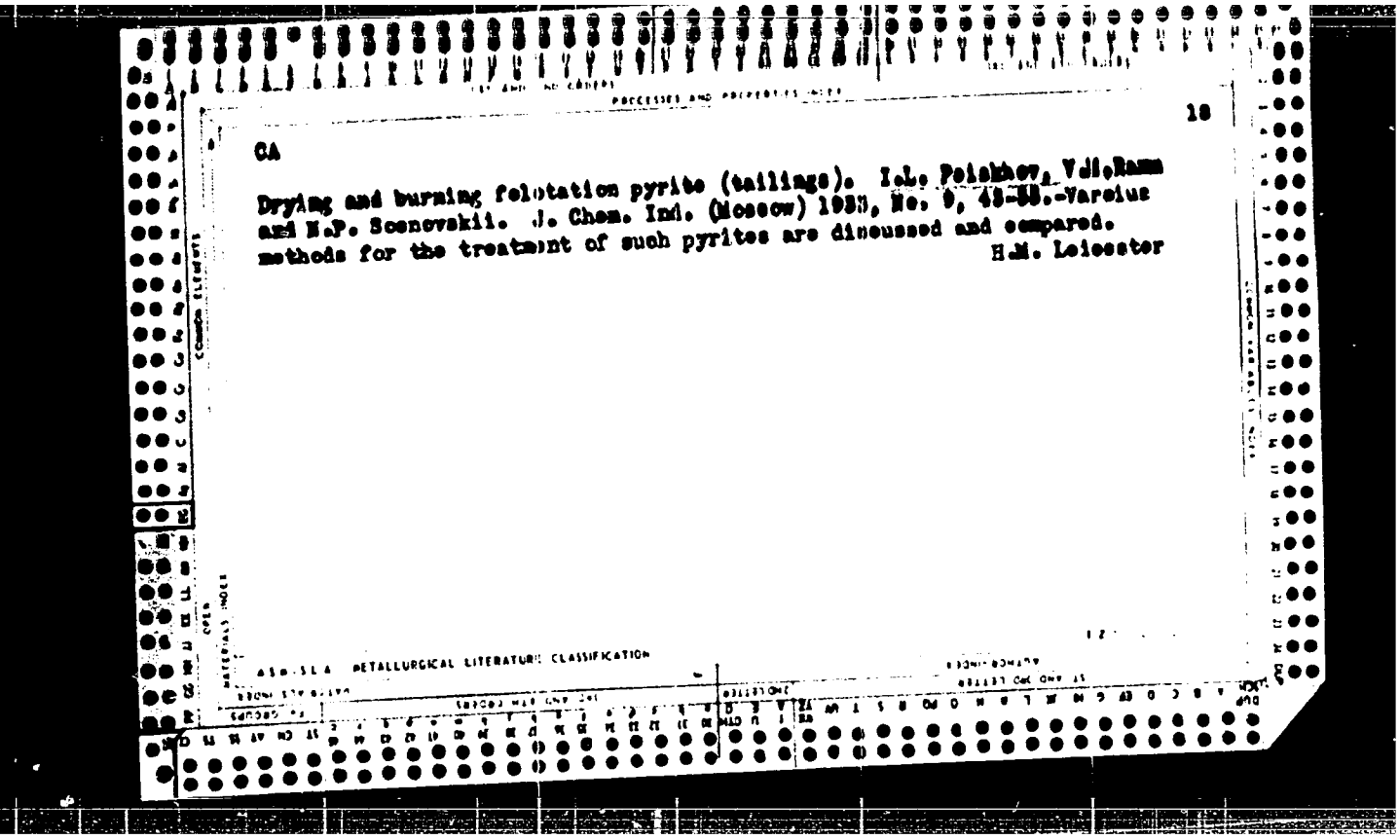
1. LYUKEVICH, E. M., PEISIK, M. I.

2. USSR (600)

4. Latvian Depression - Geology, Structural

7. Post Devonian tectionic movements in the region of the Latvian depression. Dokl. AN SSSR 88, No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.



18

CA

Drying and burning flotation pyrite (tailings). I.L. Poiskhov, V.I. Ramm and N.P. Sosnovskii. J. Chem. Ind. (Moscow) 1933, No. 9, 48-58.--Various methods for the treatment of such pyrites are discussed and compared.
H.M. Leicester

BC

a-1

Theory of photographic development. III. Adsorption model of the latent image and its development. A. J. Rabinovitsch and R. S. Pessachovitsch (Acta Physicochim. U.R.S.S., 1936, 4, 705—728).—A model of the process of photographic development is described in which the emulsion model of AgBr are replaced by colloidal AgBr particles, and the Ag centres produced by exposure are replaced by colloidal Ag particles, which are added to the AgBr sol. Addition of alkaline quinol (I), adurol, p-$OH \cdot C_6H_4 \cdot NH_2$, metol, amidol, or eikonogen causes a rapid blackening of the mixture corresponding with development of the latent image. The speed of blackening is different with each developer. Colloidal Pt, Au, and Cu may replace the colloidal Ag of the model, and the mixture will develop in the same way. No development, however, is possible if Bredig's Ag, Pd, Bi, $Al(OH)_3$, $Fe(OH)_3$, TiO_2, and C sols are used. All sols which may replace Ag in the model and give similar results will adsorb (I), whilst those which do not allow development to occur do not adsorb it. By cataphoresis and centrifuging experiments it is shown that the Ag particles are intimately bound to the AgBr particles. If gelatin is added to the AgBr sol before addition of Ag sol, no development occurs, showing that the intimate linking between Ag and AgBr is a necessity for development. This is in agreement with the adsorption theory (B., 1934, 813; A., 1934, 1079). The effect of size of Ag particles on the development was examined. The effect of a reducing and an oxidising medium was investigated by passing H_2 and O_2, respectively, through the undeveloped mixture. Subsequent development with (I) was very rapid in the first case, showing that H_2 increases the reducing action of (I). In the case of O_2 no development was observed, the Ag having been oxidised. Na_2SO_3 slows down development. The effect of pH, concn. of developer constituents, and excess of KBr was also investigated.

A. J. M.

STEINER, Bela, dr.; PEISZ, Ida, dr.

Diagnosis and treatment of congenital tuberculosis. Orv. hetil. 106 no.14:643-645 4 Ap '65

1. Orvostovabbkepzo Intezet, II. Gyermekgyogyaszati Tanszek.

STEINER, B.; PELLE, Ida

Diagnosis and treatment of connatal tuberculosis. A review of healed cases. Acta paediat. Acad. sci. Hung. 5 no.3:391-399 '64

1. Second Department of Paediatrics, Postgraduate Medical School, Budapest.

PEITCHEV, P.; NIKIFOROV, N.

Effect of glutamic acid and of some other drugs on the direct excitability of the skeletal muscle. Folia med. (Plovdiv) 6 no.1:46-52 '64

1. Institut de Hautes Etudes Medicales "I.P.Pavlov", Plovdiv, Bulgarie, Chaire de Pharmacologie (Directeur: P.Peitchev, prof. agrege).

PEITHNER, V.

At home with a heavy-tonnage locomotive engineer.p.216. (Zeleznicar. Praha. Vol. 6, no. 8, August 1956.)

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

ALEXINSCHI, Al.; PEIU, M.

Fauna of Lepidoptera in Moldavia and the region of Iasi. Pt. 7. Studii biol agr Iasi 13 no.1:69-78 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Biologie si stiinte agricole" - Filiala Iasi - (for Alexinschi).

ALEXINSCHI, A.; PEIU, M.; PASCOVICI, V.; FILIPESCU, C.; PATRASCANU, Elena

Ecologic and systematic contributions, and the Hibernia Latr. genus distribution in Rumania. Studii biol agr Iasi 14 no.1:69-83 '63.

Peiu, M.

RUMANIA / General and Special Zoology. Insects. Harmful Insects and Arachnids. General Problems. P

Abs Jour: Ref Zhur-Biol., 21, 1958, 96479.

Author : Alexinschi, A.; Peiu, M.; Filipescu, C.
Inst : Not given.
Title : The Biology of the Destructive Butterfly Phalonia Epilinana.

Orig Pub: Nature (Romin), 1957, 9, No 6, 123-128.

Abstract: No abstract.

Card 1/1

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239820011-4"

PEIU, M; FILIPESCU, C.; ANDREESCU, E.

Additions to the knowledge of the biology and destruction of curculio Sciaphobus Squalidus, Gyll. P. 239

LUSCRARI STIINTIFICE. (Institutul Agronomic "Profesor Ion Ionescu de La Brad," Iasi) Bucuresti, Rumania.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

PEIVE, A.V.

The present problems of tectonics; in connection with the 2d Union Conference on Tectonics. Analele geol geogr 17 no.1:21-27 Ja-Mr '63.

PEIVE, J.

Use of microelements in agriculture. p. 5.

BIOLOGICHESKAIA NAUKA; SELSKOMU I LESNOMU KHOZIASTVU. (Latvijas PSR Zinatnu akademija. Biologijas zinatnu nodala) Riga, Latvia, No. 3, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

PEIVE, J.

Resolution of the Enlarged Conference of the All-Union Coordination Commission on Microelements in Riga, January 21-22, 1960. In Russian. Vestis Latv ak no.3:[Supplement]1-8 '60. (KRAI 10:7)

(Trace elements)

PEIVE, J.

Utilization of microelements is an important problem of the national economy. In Russian. Vestis Latv ak no.5:139-147 '60. (KEAI 10:7)

(Trace elements)

REIZS, K.

Let us estimate the local red clover correctly.

P. 16. (PADOMJU LATVIJAS KOLHOZNIEKS) (Riga, Latvia) Vol. 10, No. 1, Jan. 1958

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

COUNTRY : Czechoslovakia B-12
CATEGORY :

ABS. JOUR. : RZKhim., No. 21 1959, No. 74377

AUTHOR : Peizker, J.
INST. : Not given
TITLE : The Distortion of Polarographic Curves Caused by Ohmic Resistances

ORIG. PUB. : Chem Listy, 52, No 9, 1699-1707 (1958)

ABSTRACT : The inclusion of two large ohmic resistances in the polarographic measuring circuit causes a distortion of the polarographic curves; a similar phenomenon is observed when the processes taking place at the electrode surface cause an increase in the cell resistance. Distortions of the above type in curves in which the current decreases with increasing negative potential have been explained by the use of the Kauffmann instability criterion (W. Kauffmann, Ann Physik, 2,

CARD: 1/4

COUNTRY : Czechoslovakia B-12
CATEGORY :

ABS. JOUR. : RZKhim., No. 21 1959, No. 74377

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : 158 (1900)). The shape of polarographic curves in which the current decreases with increasing negative potential and which do not show sharp maxima (e.g., curves obtained for periodates in alkaline solutions or for Ni^{2+} ions in thiocyanide solutions) can be modified by the inclusion of ohmic resistances to give curves with discontinuous current drops. Such curves have a shape similar to that of polarographic maxima of the first type. Discontinuous current flow

CARD: 2/4

CZECH/8-52-11-21/30

AUTHOR: Peizker, Josef

TITLE: Automatic Compensation of Errors which Occur During Measurement of Polarographic Currents due to the Influence of a Metering Resistance (Automatické vyrovnávání chyb, které vznikají při měření polarografických proudů vlivem měřicího odporu)

PERIODICAL: Chemické Listy, 1958, Vol 52, Nr 11, pp 2169-2177 + 1 plate (Czechoslovakia)

ABSTRACT: In earlier work (Ref 1) the influence of the resistance of the polarographic circuit on the results of polarographic measurements was elucidated. The aim of this paper is to describe a method which permits elimination to a maximum extent of the distortion of the polarographic curves caused by the resistance and by other properties of the polarographic metering circuit, whereby the author understands under the term "polarographic metering circuit" the source of the polarization voltage, the instrument used for measuring the current and the polarographic container with the two electrodes. In addition to resistances in the direct neighbourhood of the indicating electrode, all

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Automatic Compensation of Errors which Occur During Measurement of Polarographic Currents due to the Influence of a Metering Resistance

the other parts of the polarographic circuit may also contain undesirable resistances. The instruments described in this paper are intended for use in conjunction with 3-electrode long period polarographic analysers with a basic equivalent circuit as shown in Fig 1a. Fig 2 shows an overall schematic circuit diagram of the 3-electrode polarographic analyser. Fig 4 shows the circuit of the applied compensator. Fig 6 shows the full circuit diagram of the photo-compensator. Fig 7 shows the shape of the light marking used instead of a slot in the projection lamp. Fig 8 shows the circuit diagram of the applied tube voltmeter. It is claimed that the proposed circuit is simpler and yields more accurate results than potentiostats which have been described by various authors. Experimental results are given and also information on the instrument itself and on results obtained in experimental operation. A 3-electrode analyser (designed and patented by

CZECH/8-52-11-28/30

AUTHOR: Peizker, Josef

TITLE: Polarograph with a New Device for Recording the Polarographic Currents (Polarograf s novým zařízením na záznam polarografických proudů)

PERIODICAL: Chemické Listy, 1958, Vol 52, Nr 11, pp 2195-2197 (Czechoslovakia)

ABSTRACT: In earlier work (Ref 1) the influence was explained of the resistance of the polarographic circuit on the results of polarographic measurements and in another paper of this issue (pp 2169-2177) an automatic compensator of polarographic currents was described which eliminates the errors caused by resistances and other properties of the polarographic metering circuit. Operational tests of such a compensator have shown that it is suitable for incorporation in a directional recording electronic polarograph which is capable of working with a very small reference electrode and a very high resistance in the polarographic circuit. In this brief paper the use of this compensator is described for improving the properties of the polarograph of K. Ezr (Ref 3). It is stated in a

Card1/2

Card2/2

COUNTRY	:	Czechoslovakia	B-12
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 9 1960, No.	
AUTHOR	:	Peizker, J.	
INST.	:	Not given	
TITLE	:	Distortions of Polarographic Curves Caused by Ohmic Resistances	
ORIG. PUB.	:	Collection Czechoslov Chem Commun, 24, No 7, [illegible]-2131 (1959)	
ABSTRACT	:	See RZhKhim, 1959, No 21, 74377.	

CARD: 1/1 54

Zdenek Peizker

4

Polarographic behavior of trichloroethanol. Zdeněk Peizker (Ústav Hyg. Práce, Prague). *Pracovní Lékařství* 8, 115–16 (1956).—CCl_3CH_2OH was reduced in a single wave; the process was carried out by diffusion. A suitable medium for analytical purposes was NH_3 buffer soln. pH 8–9.5 with 50% EtOH in which CCl_3CH_2OH (concn. 10^{-1}–10^{-3} *M*) had a half-wave potential (1) at −1.6 v. Higher concns. of the depolarizer (above 1×10^{-3} *M*) brought about a max. of a vertical character which tended to distort 1 but did not interfere with detn. of the diffuse current; provided the potential inflections on the upper plateau were subtracted.
J. J. Urbánek

PEIZKER, Z.

CZECH

Determination of benzene in mixtures with toluene. Z. Pelzker (Charles Univ., Prague). Pracovni Lékařství [illegible] 1951); cf. C.A. 37, 3022.—A method is described based on colorimetric detn. (at 490 mμ) of ether-extd. colored complexes formed from nitration products of the hydrocarbons (I) with pyridine and 10% soln. of NaOH in MeOH after addn. of AcOH and acetone. The amts. of the respective I are derived from the relation between the extinction and the concns. of the complexes which was found by expts. and was expressed graphically. Benzene (II) is detd. with a mean error of 6%, toluene (III) within 10%, the sensitivity being 1 γ for II and 10 γ for III.

L. J. Urbánek

PEIZKER, Z

absorption, metabolism, and action of carbon disulfide in the organism. V. Effect of carbon disulfide in tissue respiration. Z. Mádlo, Z. Peizker, and B. Souček (Charles Univ., Prague). *Pracovní Lékařství* 5, 203-6(1953).—The tissue respiration (I) of liver and kidney slices of pigs and rats under the influence of CS_2 was studied by means of Warburg's manometric method without obtaining any conclusive effect. Tissues of rats which have been previously exposed for over 13-57 hrs. to an atm. contg. 810-2415 γ CS_2/l. of air showed certain differences in I when compared with tissues of unexposed animals: increased I (av. 19%) in the livers and an av. increase of 20% in the kidneys. The brain showed an inhibition of I of 17% and the sciatic nerve an inhibition of 13%. VI. Chromatographic proof of the reaction of carbon disulfide with amino acids in the blood. B. Souček and Z. Mádlo. *Ibid.* 309-11.—Paper-chromatographic expts. carried out with serum of normal blood and blood samples which were incubated with CS_2 for 20-22 hrs. at 37° led to the following findings: (1) Spots of amino acids (I) of the incubated serums show after development with ninhydrin (II) less intensive coloring and occupy a smaller surface than those of the normal serums. (2) In some chromatograms of the incubated serums no spots were developed with II that would correspond in position and location to glycine, glutamine, alanine, and phenylalanine. (3) In some chromatograms after developing with II a white spot appeared at the site of alanine and glutamine (in unidimensional) and at the site of glutamic acid (in bidimensional) chromatograms. The I of the blood serum probably react with CS_2 giving rise either to a substance of the type $RCH(NHCSSH)COOH$ or to a cyclic substance of the thiazolidone type. VII. Inhibition of serum cholinesterase by carbon disulfide. Z. Mádlo and B. Souček. *Ibid.* 312-18.—Carbon disulfide in amts. of 165, 250, or 1000 γ in vitro exerts an inhibitory effect on cholinesterase of human and pig serum (0.5 ml.). According to the results achieved, CS_2 belongs to those inhibitors acting in γ quantities and its inhibitory effect can be quantitatively compared to that of cocaine or KCN.

L. J. Urbánek

2820. PEIZKER Z. Ustavu Hyg. Práce a Chorob z Povolání, Praha. Odalyse kyseliny trichloroctové z plasmy *Dialysis of trichloroacetic acid from plasma* Pracovni Lékarství (Praha) 1956, 8/1 (43—44) Graphs 1 Tables 1

It was found that the dialysis of trichloroacetic acid added to plasma is influenced not only by the experimental technique but also by denaturation occurring during electrodialysis. The denaturation is different according to the age of the plasma and perhaps also according to whether the plasma is derived from a healthy or diseased animal. The addition of different salts to the plasma increases the dialysis of trichloroacetic acid from it.

Manitius — Gdansk

PEIZKER, ZDENEK

CZECHOSLOVAKIA/Physical Chemistry - Electrochemistry B-12

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 3975

Author : Peizker Zdenek
Title : Polarographic Behavior of Trichlorethanol

Orig Pub : Pracovni lekar., 1956, 8, No 2, 115-116

Abstract : Trichlorathanol (I) produces one polarographic diffusion wave; $E_{\frac{1}{2}}$ and i_d do not depend on pH in the interval pH 8-11.4. At pH > 11.4 the i_d decreases and $E_{\frac{1}{2}}$ becomes more negative. For analytical purposes the background utilized is ammonia buffer solution pH 8-9.5 in a 50% water-ethanol mixture. In this solution $E_{\frac{1}{2}}$ = -1.6 v (normal calomel electrode). At a concentration of I greater than 10^{-3}M the wave of I shows a maximum which disappears on decrease of height of Hg column or on addition of gelatin. Magnitude of i_d corresponds to a two-electron irreversible process, which in the opinion of the author consists in splitting off of one chlorine atom from I.

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PEIZKER, Z.

Use of N-ethylmaleimides for colorimetric determination of amino acids. Coll Cz Chem 25 no.5:1514-1516 My '60.

1. Institut fur Arbeitshygiene und Berufskrankheiten, Prag.

PEJA, BY.

Morphologic observation in the region betwe n the Danube and the Drava. p. 205.
Vol 3, No 3, 1955. FOLDRAJZI KOZLEMENYEK. GEOGRAPHICAL REVIEW. Budapest, Hungary.

So: Eastern European Acces ion. Vol 5, No 4, April 1956

.PEJA, Gyozo, dr., Kossuth-dijas

The Rakaca Valley Lake. Borsod szemle 6 no.5:32-35 '62.

1. Kilian Gimnazium igazgatoja; "Borsodi Szemle" szerkeszto bizottsagi tagja.

PEJA, Gyozo, dr., a foldrajzi tudomanyok kandidatusa (Miskolc); FISNYAK, Sandor

Report on the work of the Miskolc Section. Foldr kozl 10 no.3:307-308 '62.

1. Kossuth-dijas gimnaziumi igazgato; Magyar Foldrajzi Tarsasag Miskolci Osztalya elnoke (for Peja). 2. Szakszerkeszto; Magyar Foldrajzi Tarsasag Miskolci Osztalya titkara (for Fisnyak).

PEJA.GY..

Formation and present surface of the Bukk Mountains. p. 4[illegible]0. [illegible]
ES TARSADALOM. (Tarsadalom- es Termeszettudomani Ismeretterjeszto Vallalat)
Budapest. Vol. 113, no. [illegible], Aug. 1 54.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 195[illegible]

PEJA, Gyozo, dr., kandidatus, Kossuth-dijas

How did the mountain lake at Arlo originate? Borsod szemle 6 no.2:36-38 '62.

1. Kilian Gyorgy gimnazium igazgatoja, Miskolc; "Borsodi Szemle" szerkeszto bizottsagi tagja.

PEJA, GY.

Region of Ozd; the human being as a geomorphologic factor, p. 400

Vol. 114, no. 7, July 1955
TERMESZET ES TARSADALOM
Budapest

Source: Monthly list of East European Accessions, (EEAL), LC,
Vol. 5, no. 3, March 1956

SZEKELY, Andras, dr., egyetemi adjunktus; BULLA, Bela, dr., egyetemi tanar; MAJOR, Jeno, dr.; KOCH, Ferenc, dr., egyetemi tanar; TOTH, Aurel, kozepiskolai tanar; KAZAR, Leona, tanszekvezeto tanar; DUDAR, Tibor; RADO, Sandor, egyetemi tanar, a foldrajztudomanyok doktora; DEZSENYI, Janos, dr.; KARLOCAI, Janos, dr.; LANG, Sandor, dr., egyetemi docens, a foldrajztudomanyok kandidatusa (Szeged); KORPAS, Emil, dr., egyetemi docens, a foldrajztudomanyok kandidatusa (Szeged); PENZES, Istvan, dr. (Szeged); KOLTA, Janos, dr.; SZABO, Pal Zoltan, dr., foldrajzi tudomanyok kandidatusa; PINCZES, Zoltan, dr.; KADAR, Laszlo, dr.; FRISNYAK, Sandor; PEJA, Gyozo, dr., foldrajztudomanyok kandidatusa

Reports on the work of the Divisions and country sections at the 82d general assembly of the Hungarian Geographical Society. Foldr kozl 8 no.3:323-336 '60.

1. Magyar Foldrajzi Tarsasag valasztmanyi tagja (for Szekely, Toth, Kazar, Karlocai, Lang, Korpas, Kolta, Szabo, Pinczes, Peja). 2. Magyar Foldrajzi Tarsasag tarselnoke (for Bulla, Koch and Rado). 3. "Foldrajzi Kozlemenyek" szerkeszto bizottsagi tagja (for Koch and Rado). 4. Magyar Tudomanyos Akademia levelezo tagja (for Bulla). 5. Magyar Foldrajzi Tarsasag Termeszeti Foldrajzi Szakosztaly elnoke (for Bulla).

(Continued on next card)

SZEKELY, Andras——(continued) Card 2.

6. Magyar Foldrajzi Tarsasag Termeszeti Foldrajzi Szakosztaly titkara (for Szekely). 7. Magyar Foldrajzi Tarsasag Gazdasagi Foldrajzi Szakosztaly elnoke (for Koch). 8. Magyar Foldrajzi Tarsasag Gazdasagi Foldrajzi Szakosztaly titkara (for Major). 9. Magyar Foldrajzi Tarsasag Oktatasmodszertani Szakosztaly elnoke, es Kozponti Pedagogus Tovabbkepzo Intezet (for Major). 10. Magyar Foldrajzi Tarsasag Oktatasmodszertani Szakosztaly titkara, es szakfelugyelo (for Toth). 11. Magyar Foldrajzi Tarsasag Terkepeszeti Szakosztaly elnoke (for Rado). 12. Magyar Foldrajzi Tarsasag Terkepeszeti Szakosztaly elnoke (for Rado). 13. Magyar Foldrajzi Tarsasag Termeszetjaro Csoport (for Dezsenyi and Karlocai). 14. Vallalati jogtanacsos (for Karlocai). 15. Magyar Foldrajzi Tarsasag Szegedi Osztalya elnoke (for Lang and Korpas). 16. Magyar Foldrajzi Tarsasag Szegedi Osztalya titkara (for Penzes). 17. Magyar Foldrajzi Tarsasag Del-Dunantuli Osztalya elnoke, es tudomanyos intezeti igazgato, Pecs (for Szabo). 18. Magyar Foldrajzi Tarsasag Del-Dunantuli Osztalya titkara, es tudomanyos munkatars, Pecs (for Kolta).

(Continued on next card)

SZEKELY, Andras--(continued) Card 3.

19. Magyar Foldrajzi Tarsasag Tiszantuli Osztalya elnoke (for Kadar). 20. Magyar Foldrajzi Tarsasag Tiszantuli Osztalya titkara (for Pinczes).
21. Magyar Foldrajzi Tarsasag Miskolci Osztalya Elnoke, es Kossuth-dijas gimnaziumi igazgato (for Peja).
22. Magyar Foldrajzi Tarsasag Miskolci Osztalya titkara (for Frisnyak).

PEJA, Gyozo, dr., kandidatus, Kossuth-dijas gimnaziumi igazgato (Miskolc-Diosgyor)

Miskolc, the geographical center of the Borsod-Zemplen regions. Term tud kozl 6 no.5:219-223 My '62.

PEJAK-GRBAC, O.

On a focus of malignant diphtheria in Moslavina. Higijena 12 no.1: 83-90 '60.

(DIPHTHERIA epidemiol)

OPRIJAN, Milenko, prof. dr.; PEJAKOVIC, Samuilo, doc. dr.

Principles for the classification of injuries. Med. glas. 19 no.4:85-87 Ap-My '65.

1. Institut za sudsku medicinu Medicinskog fakulteta u Beogradu (Upravnik: prof. dr. J. Bogicevic).

PEJAKOVIC, Samuilo, ir.; HRISTIC-SOKOLOVIC, Ljubica, doc. dr.; PEJAKOVIC, Jovan, ir.

Ebstein's anomaly of the tricuspid valve as a cause of sudden death. Med. glas. 17 no.9:627-634 Sept 63.

1. Institut za sudsku medicinu Medicinskog fakulteta [illegible] (Upravnik: prof. dr. J. Popilovic).

PETROVSKI, Stevan; DJORDJEVIC, Jovan; PEJAKOVIC, Samuilo

Isonicotinic acid hydrazide poisoning in a child and under experimental conditions. Tuberkuloza 15 no.1:85-88 Ja-Mr '63.

1. Pedijatriska klinika Medicinskog fakulteta, Beograd - Upravnik: prof. dr B. Tasovac Specijalna decja bolnica za tuberkulozu i bolesti pluca "Dedinje", Beograd - Upravnik: dr J. Djordjevic Institut za studsku medicinu Medicinskog fakulteta, Beograd - Upravnik: prof. dr J. Bogicevic.
(TUBERCULOSIS IN CHILDHOOD)
(ISONIAZID TOXICOLOGY)

S

ĐORĐEVIĆ, Rusomir; PEJAKOVIĆ, Samuilo

A fatal case of ruptured aneurysm of the inferior thyroid artery during gastric intubation. Srpski arh. celok. lek. 90 no.6:647-651 Je '62.

1. Institut za sudsku medicinu Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr. Julijana Bogićević.
(ANEURYSM) (THYROID GLAND) (STOMACH)

YUGOSLAVIA

S

PEJAKOVIC, Samuilo, Dr; HRISTIC-SOJIC, Ljubica, Dr; and TODOROVIC, Jovan, Dr; Department of Forensic Medicine of Medical Faculty (Institut za sudsku medicinu Medicinskog fakulteta) [illegible] Upravnik: Prof. Dr. Julijana Bogicevic, Belgrade.

"Sudden Death Caused by Ebstein Anomaly of Tricuspid Valve."

Belgrade, Medicinski Glasnik, Vol 17, No 6-7, Jun-Jul 63; pp 262-263.

Abstract [French summary modified] : Report of sudden death of 26-year-old woman with Ebstein syndrome. She had had cardiovascular complaints for a long time but was never properly examined or diagnosed and could do light work. Eventually the myocardium was unable to bear the strain. Forensic discussion. Two Yugoslav and 6 Western references.

1/1

PEJAKOVIĆ, Samuilo; MIRKOVIĆ, Aleksandar

JOKANOVIC, Dobrivoje, dr; PEJAKOVIC, Samuilo, dr

Alcoholism and its development in children. Med.glasn. 14 no.7/8: 368-371 Jl-Ag '60.

1. Institut za sudsku medicinu Medicinskog fakulteta u Beogradu (Upravnik: prof. dr J.Bogicevic)
(ALCOHOLISM in inf & child)

DORDEVIC, Rusomir, doc. dr; PEJAKOVIC, Samuilo, dr

Report of an unusual case of suicide. Med glasn. 14 no.9:447-449 S '60.

1. Institut za sudsku medicinu Medicinskog fakulteta u Beogradu (Upravnik: prof. dr J.Bogicevic)
(SUICIDE)

PEJAKOVIC, Samuilo, dr.; STUPAR, Petar

Parathion used as an abortive substance. Med. glasn. 15 no.7/8: 351-352 Jl-Ag '61.

1. Institut za sudsku medicinu Medicinskog fakulteta u Beogradu (Upravnik: prof. dr J. Bogicevic). 2. Hem. (for Stupar).

(PARATHION toxicol) (ABORTION CRIMINAL)

PEJANOVIC, Vaso

June 1963. Bull seismique 21-25 Je '63

1. Seizmoloska stanica, Titograd, R. Burica 2. Directeur de la Station Seismologique, Titograd.

PEJANOVIC, Vaso

The monthly seismic bulletin; December 1962. Bull seismique: 60-63 D '62.

1. Direktor Seismoloske stanice (Titograd, R. Burica 2).

PEJANOVIC, Vaso

Monthly seismic bulletin; March 1963. Bull seismique: 8-13 Mr'63.

1. Directeur de la Station Seismologique, Titograd.

PEJANOVIC, Vaso

Monthly seismic bulletin; April 1963. Bull seismique:13-17 Ap'63.

1. Directeur de la Station Seismologique, Titograd.

PEJANOVIC, Vaso

The monthly seismic bulletin; October 1962. Bull seismique 55-57 0 '62.

1. Direktor Seismoloske stanice (Titograd, R. Burica 2).

PEJANOVIC, Vaso

May 1963. Bull seismique 18-21 My '63.

1. Seismoloska stanica, Titograd, R. Burica 2. Directeur de la Station Seismologique, Titograd.

PEJCEV, P.; BOJADZIEV, S.; MAROVSKI, T.

The influence of royal jelly on the course of radiation sickness in white rats. Folia med. (Plovdiv) 7 no.1:69-73 '65

1. Institut de Hautes Etudes Medicales "I.P.Pavlov" de Plovdiv. Bulgarie, Chaire de Pharmacologie (Directeur: P. Pejcev, prof. agrege); Chaire d'Organisation des Services Medicaux (Directeur: T. Zahariev, prof. agrege); Chaire de Roentgenologie (Directeur: prof. K. Vlahov).

PEJCHOVA, L.

Pressure of cohesive soil on retaining walls. p. 224. INZENYRSKE STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 4, no. 5, May 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

PEJCHAL, F.

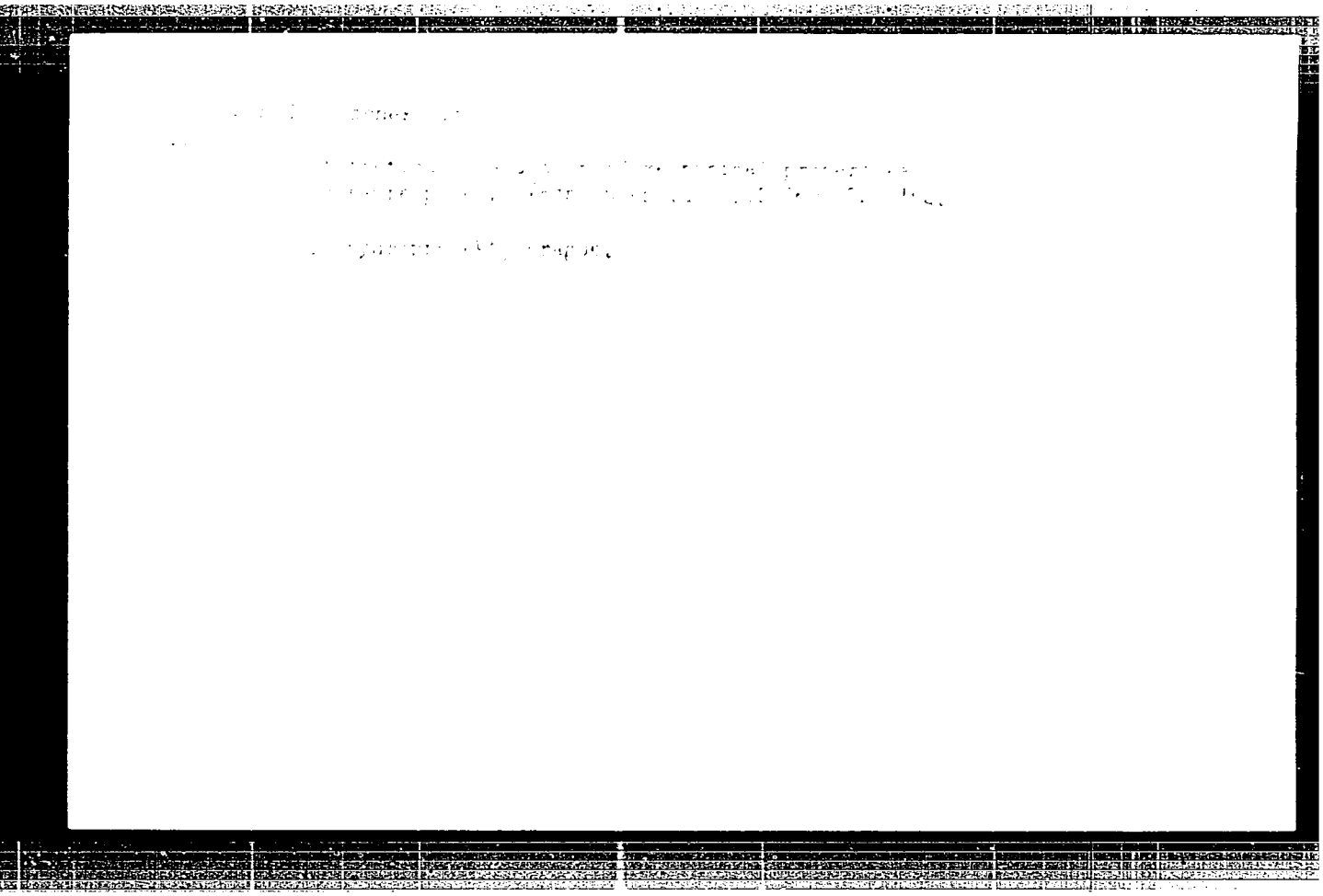
Metal spraying by the electric-arc method. p. 168. (Strojirenska Vyroba. Praha. Vol. 5, no. 4, Apr. 1957.)

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

PEJCHOTA, Zdenek, inz.

Effect of the deviations from cross section circularity on the stress of pressure pipes. Inz stavby 10 no.4: 151-153. Ap '62.

1. Hydroprojekt, Praha.



PEJCHOTA, Zdenek, inz.

Influence of the live load on transverse stress of thin-walled pipelines embedded in the earth. Inz stavby 12 no.9:399-401 S '64.

1. Hydroprojekt, Prague.

PRJCHOTA, Zdenek, inv.

laying of large-section Vranini pipes of reinforced concrete.
Vodni hosp 14 no.8:327-328 '64.

CERMAK, Zdenek, inz.; PEJCHOTA, Zdenek, inz.

Increasing the bearing capacity of pipelines embedded in the soil by a compressible insertion piece. Inz stavby 12 no. 3 [illegible] Mr '64.

1. Research Institute of Civil Engineering Construction, Bratislava (for Cermak). 2. Hydroprojekt, Prague (for Pejchota).

PESTICIDI PREDRAG

Effect of some new chemicals on the Gypsy moth egg-clusters. Predrag Pejšić and Blagoje Cvetković (Regional Sta. for Plant Protect., Pirot, Yugoslavia). *Zashtita Bilja* No. 31, 27-30(1955)(English summary).—Petroleum, pure or mixed with tar, is very adhesive and effective, but causes burnt spots and is expensive. Duria (petroleum, tar, mineral oil mixt.) proved effective though poorly adhesive, and, if coned., slowly penetrative. Rumesan-paste in small quantity was efficient but had low adhesiveness. Rumesan-oil gave effective control. The adhesiveness decreased below 20% conc. Dinozan proved to be the best, exerting the highest adhesion and coloring of clusters at 5% level. The emulsions of 10% of petroleum, 20% of Duria and 3% of Kreozan, or 15% of petroleum, 15% of Duria and 3% of Kreozan gave 100% control and demonstrated a higher degree of adhesion and coloring. H. Vuckovic

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PEJCINOVIC, I.

The article "One Opinion about Improvement of Material Operations." p. 517.

VAZDUHOPLOVNI GLASNIK. (Jugoslovensko ratno vazduhoplovstvo) Zemun, Yugoslava. Vol. 11, no. 4, July/Aug. 1955

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

Uncl.