

EBERHARD, Evzon, inz.

Accuracy of the mean annual increment calculation.
Les cas 10 no. 7:643-658 J1 '64.

1. Institute of Economic Development of Military Forest and
Farms, Velka Bystrice near Olomouc.

EBERHARDT, F.
COUNTRY : Rumania H-27
CATEGORY :
ABS. JOUR. : RZKhim., No. 16 1959, No. 58777
AUTHOR : Teodorescu, S., Septilici, C., Jurubita, J.,*
INST. : Not given
TITLE : The Behavior of Various Strains of Yeast in the
Production of Sparkling Wines in the Rumanian
Peoples Republic
ORIG. PUB. : Gradina, Via si Livada, 7, No 12, 18-20 (1958)
ABSTRACT : With a view to the selection of the best-suited
strain of yeast (Y) for the production of
sparkling wines at the Zarya distillery, the
authors have investigated in 1952-1955 the be-
havior of 11 local and imported strains of Y.
Of the local [domestic] strains of Y, Sovin'yon
Krechunel 1, Grasa Kotnar 10, and Murfatlar 7
(producing a pressure of 6.03-6.53 atm after
64-70 days) were found best suited for the pro-
duction of high-grade wines; the best imported

CARD: 1/2

* and Eberhardt, F.

352

COUNTRY	:	Rumania	1-27
CATEGORY	:		
ABS. JOUR.	:	AZKhim., No. 16 1959, No.	58777
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	strains were found to be Shampan Ay, Waldeaburg, and Epernay (5.73-5.96 atm after 36-42 days). A. Marin	

GAED: 2/2

EBERHARDT, Piotr

"Economic territory German Democratic Republic. Economic and geographical introduction and survey"; a collective work. Reviewed by Piotr Eberhardt. Przegł geogr 33 no.4:757-759 '61.

EBERHARDT, Piotr; WROBEL, Andrzej

Regions of wholesale trade in Poland. Przegl geogr 35 no.1:21-
29 '63.

EBERHARDT, Piotr

"The Rhineland Palatinate in its organization according to central areas" by E. Meynen, R. Kloepper, J. Koerber. Reviewed by Piotr Eberhardt. Przegl geogr 35 no.2:292-294 '63.

EBERHARDT, Piotr

"The central region; its economic and geographic characteristics,"
edited by W.Pokszyszewski [Pokshishevskiy, V.], S.Riazancev
[Ryazantsev, S.N.]. Reviewed by Piotr Eberhardt. Przegł geogr
35 no.4:736-740 '63.

[Development of the economics of the countries of people's
democracy of Europe and Asia" a collective work, "Economics of the
countries of the socialist camp" by G.B. Giercowicz Gertsovich, G.B.],
J.P.Olejnik [Oleynik, I.P.], W.J.Storozew [Storozhev, V.I.].
Reviewed by Piotr Eberhardt. 740-742

EBERHARDT, Roman (Warszawa 36, ul. Tatrzańska 5 m 14)

New methods of exposing roentgen negatives. Polski urzegl. radiol.
21 no.2:109-112 Mar-Apr 57.

(ROENTGENOGRAPHY

exposure of negatives, new methods (Pol))

EBERHARDT, Roman

Roentgen technique in the service of medicine. Problemy 19
no.6:362-368 '63.

EBERHARDT, Roman

Photosensitive and chemical material used in roentgenography.
Pol. przegl. radiol. 27 no.2:181-189 '63.

(TECHNOLOGY, RADIOLOGIC)
(EQUIPMENT AND SUPPLIES)

EBERHARDT, Roman

On restoration of developers in radiological laboratories. Pol.
przepl. radiol. 28 no.2:185-187 Mr-Ap '64.

On rapid chemical treatment of roentgen film in a dark room.
Ibid.:189-191

EBERHARDT, Roman

Automatic development of roentgen films. Pol. przegl. radiol.
29 no.2:243-248 ~~Mr. Sp. 165~~

EBERHARDT, Roman

Safety illumination of roentgenologic dark-rooms. Pol. przegl.
radiol. 29 no.1:101-107 Ja-F'65.

EBERHARDT, Roman

A new mobile apparatus Mobilax-200. Pol. przegl. radiol. 29 no.4:
454 J1-Ag '65.

EBERHARDT, S.

Practical application of the Feldmann-Shapiro theory of cutting in the sawing industry, p. 17, FAIPAR, (FAIPARI TUDOMANYOS EGYESULET) Budapest, Vol 6, No. 7, July, 1956

SO: EEAL, Library of Congress, Vol 5, No. 11, November, 1956

EBENHART, Z.

Contribution to the study of pocket planting. p. 357.

SEBORNÍK. LESNICTVÍ. (Československá akademie zemědělských věd.) Praha, Czechoslovakia, Vol. 4, no. 5, May 1958.

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

KHOMUTOV, N.Ye.; EBERIL', V.I.

Determination of aniline by a potentiometric titration method
using bromination. Zhur.anal.khim. 17 no.6:763-766 S '62.

(MIRA 16:1)

1. Moskovskiy khimiko-tekhnologicheskij institut im. D.I.
Mendeleeva.

(Aniline)

(Potentiometric analysis)

(Bromination)

OCEPEK, Drago, dr. inz., docent; EBERL, Emil, inz., asistent

Influence of the atmosphere in a mill on the output of drilling. Rud met zbor 4:385-393 '63.

1. Oddelek za montainistiko univerze, Ljubljana, clan Uredniskega odbora, "Rudarskc-metalurski zbornik" (for Ocepek). 2. Rudarski institut, Askerceva 20, Ljubljana (for Eberl).

EBERL, Gusztav; KORTVELY, Csaba

We are saving 80 thousand forints a year. Munka 14 no.3:
17 Mr '64.

1. Goldberger Textilmuvek "Kando Kalman" szocialista brigadja.

SOUCEK, Bohmil; OTTA, Zdenek; EBERLE, Jaroslav

Casting of aluminum and bronze models in plaster forms.
Slevarenstvi 10 no.3:100 Mr '62.

1. Metalurgické závody, Tynec and Vitavou.

EBERLEIN, Antal

Life and work of Peter Kalo. Borsod szemle 5 no.5:554-555
'61.

FEDENKO, I.I.; EBERLIN, K.Z., otv. red.; GORCHAKOV, G.N., tekhn. red.

Volga. Moskva, Izd-vo M-va rechnogo flota SSSR, 1947. 271 p.
(MIRA 16:1)

(Volga Valley--History)

(Volga Valley--Description and travel)

EBERLIN, L. A.

FA 23T56

USSR/Engineering
Boilers
Steam Engineering

Jul 1947

"Experience with Repairing Steam Separators in
Shukhov-Berlin Boilers," L. A. Eberlin, P. A. Rybkin,
2 pp.

"Promyshlennaya Energetika" Vol IV, No 7

The author recommends a system whereby the expenditure
of steam in boilers type Shukhov-Berlin A-5 could be
considerably lessened. The basic theory is control
over the amount of steam being released.

23T56

LIST AND THE SUBJECT PROCESSES AND PROPERTIES INDEX

M

F EBERLIN, L. (A.)

3415. STUDY OF PROCESSES IN STEAM BOILER SHELLS BY DIRECT OBSERVATION. Eberlin, L. (Za Akon. Topliva (Fuel Econ.), Feb. 1951, vol. 8, 22-25). A description is given of the design and operation of an experimental device for the direct observation of internal processes in boiler shells, and tests of the effectiveness of a steam separator installed in the shell. The plant utilized was a three drum vertical water-tube boiler with a 1500 m² heating surface, maximum steam out put 100 t./h., steam pressure 32 atm. and superheat temperature 400°C. Mechanical grates and peat fueling were used. (L).

COMMON ELEMENTS
COMMON VALUABLES INDEX

ASME-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE SELECT ONE ONLY ALL

SEARCH #	SEARCH HIT ONLY ONE	RELEVANCE	SEARCH ONE ONLY ALL
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GEL'FENBEYN, Yakov Vladimirovich; VINITSKIY, D.Ya., inzh., retsenzent;
EBERLIN, L.A., inzh., retsenzent; PAVLOV, N.G., red.;
ZHITNIKOVA, O.S., tekhn. red.

[Hoisting mechanisms and rigging devices for the construction
of thermal electric power plants]Gruzopod"emnye mekhanizmy i
takelazhnye prispobleniia dlia stroitel'stva teplovykh
elektrostantsii. Moskva, Gosenergoizdat, 1962. 270 p.
(MIRA 15:9)

1. Moskovskiy filial Vsesoyuznogo instituta po proyektirova-
niyu organizatsiy energeticheskogo stroitel'stva (for
Vinitskiy, Eberlin).

(Hoisting machinery)
(Electric power plants--Design and construction)

S/081/61/000/024/062/086
B149/B102

AUTHORS: Meyklyar, P. V., Ignat'yeva, Z. P., Peskova, M. Z., Ebermar,
M. D.

TITLE: On the shape of the spectral sensitivity curve of a
photographic layer in the blue-violet range

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 454, abstract
24L526 (Zh. nauchn. i prikl. fotogr. i kinematogr., v. 6,
no. 4, 1961, 264 - 273)

TEXT: The optical density of an emulsion layer is proportional to its
thickness. The shape of the spectral sensitivity curve does not depend
upon the thickness of the layer, but varies with the duration of the
second maturing of the emulsion. The spectral sensitivity is determined
not only by the absorption spectrum of the silver halide, but also by the
spectrum of the photo-effect of the microcrystallites of the emulsion.
[Abstracter's note: Complete translation.] ✓

Card 1/1

EBERT, A.

News of science and equipment abroad. Kauch.1 rez. 20 no.5:58-63
My '61. (MIRA 14:5)
(Textile fibers, Synthetic) (Rubber industry)

EBERT, J.

621.372.0
5383. CIRCULAR IMPEDANCE CHART. J. Ebert.
Arch. elektrotech. (Warsaw), Vol. 6, No. 4, 673-675 (1957).

In Polish, with summaries (1 1/2 pp.) in Russian and (1 1/2 pp.) in English.

A new graphical method based on a circular chart analogous to the Smith diagram but adapted to the calculation of circuits with lumped constants. The chart was prepared by homographic mapping of the complex halfplane $Z = R + jX$ into a circle. In the transformation, the point with the rectangular coordinates (1,0) was made to correspond to the centre of the circle. Five families of lines were drawn in the circle containing the transformed region; these were lines of constant resistance, reactance, conductance, susceptance and constant coefficients. The chart is useful in design of electric networks, matching problems and in more complex cases where the analytical solution is obscure. A number of examples are given.

Z. F. Vozner

Ebert J.

'5995

621,396,619.24

Ebert J. Single Sideband Transmission Techniques.

„Technika nadawania jednowstęgowego”. Przegląd Telekomunikacyjny. No. 6, 1959, pp. 167—173, 3 figs.

Description and critique of the single-sideband system from the point of view of transmission technique. The advantages attributed to single-sideband transmission are in the majority of publications on this subject exaggerated. Authors emphasize the advantages and minimize or simply overlook the drawbacks. Usually, the advantages of single-sideband modulation are demonstrated by comparison with amplitude modulation. In these comparisons, two essential errors are usually concealed: 1) Modulation with a sinusoidal signal is incorrectly assumed since such a signal seldom occurs when information is transmitted. (The shape of modulating voltage assumed for calculations has an essential bearing on the results of comparison). 2) The modulation of amplitude with a full carrier wave and linear detection does not fully utilize the possibilities offered by the double sideband system and it is therefore incorrect to take it as a basis of comparison with a single-sideband system, the possibilities of which are already almost completely utilized. Moreover, the fact tends to be overlooked that there exist more efficient methods than the single-sideband modulation for limiting the frequency band necessary to transmit information and that the amplitude modulated signal can be produced in a very simple way and with a much higher efficiency than a single-sideband signal. Finally, causes of low efficiency of single-sideband transmission are given.

HEMT, J.

Unwanted radiation of transmitters of unharmonic frequencies. p. 68.

PRZEGLĄD ELEKTROTECHNICZNY. (Stowarzyszenie Elektryków Polskich. Sekcja
Telekomunikacyjna) Warszawa, Poland. Vol. 32, no. 3, March 1956.

Monthly List of East European Accessions (SEMI) 13. Vol. 8, no. 7, July 1959.

Uncl.

1. Introduction

2. Description of the device

2.1. General description

2.2. Coreless induction coil, inductor

3. Conclusion

L 34482-66

ACC NR: AP6026189

SOURCE CODE: PO/0022/65/000/001/0006/0009

AUTHOR: Ebert, Jan (Doctor; Engineer)

ORG: Department of Radio Engineering and Television Devices, Warsaw Polytechnic Institute (Katedra Urzadzen Radiotechnicznych i Telewizyjnych Politechniki Warszawskiej)

TITLE: Simple method for determining the effect of frequency on the Q-factor of air-core coils

SOURCE: Przegląd elektrotechniczny, ³¹no. 1, 1965, 6-9

TOPIC TAGS: Q factor, dielectric loss

ABSTRACT: The article derives a new relation between the Q-factor of an air-core coil and the frequency. It is based on an interpolation of the results of two measurements made in checking the shape of the Q(f) function. In the reduced approximate form this relation is

$$Q(f) = \frac{(f/f_0)^{1/2}}{1 + a(f/f_0)^{5/2}}$$

where the parameter a stands for the dielectric losses. This relation is further simplified and represented graphically; Q attains

Card 1/2

UDC: 621.396.6

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ACC NR: AP6026189

a maximum only when $\alpha > 1/4$. The experimental method is described by which this formula can be verified and calculated values are compared with tested ones. Recommendations are made on the kind of components and instruments to be used for measurements. This method is proved to be very accurate and has the advantage that measured coil samples may be used for determining losses in other components. The author thanks Professor St. Ryzko for assistance in carrying out the work and in checking the manuscript. Orig. art. has: 4 figures and 12 formulas. [JPRS]
SUB CODE: 09 / SUM DATE: none / ORIG REF: 002

Card 2/2 90

EBERT, Joachim, mgr inż., adiunkt.

Testing the accuracy of the four-legged gantry of a sluing crane. Przegl mech 22 no. 12:379-381 25 Je '63.

1. Katedra Maszyn Dźwigowych i Przenośników, Politechnika, Gdansk.

L-22854-66

ACC NR: AP6009332

SOURCE CODE: PO/0095/65/013/008/0099/0104

AUTHORS: Ryzko, S. -- Ryzhko, S; Ebert, J. -- Ebert, Ya. سید
ج

ORG: Department of Radio and Television Technics, Technical University, Warsaw (Katedra Urzadzen Radiotechnicznych, Politechnika)

TITLE: Effect of a screen on a single-layer solenoid at high frequencies

SOURCE: Polska akademia nauk. Bulletin. Serie des sciences techniques, v. 13, no. 8, 1965, 99-104

TOPIC TAGS: single layer solenoid, solenoid, electromagnetic field, screen effect, coil, solenoid coil

ABSTRACT: An investigation was made of the effect of changes in screen diameter on the resistance of a single layer solenoid coil. It was shown that the reason for the changes in this resistance is the change of distribution of the electromagnetic field near the coil. The dependence of the coil resistance and the quality of the coil on the screen diameter was experimentally defined. The minimum resistance was found at the screen's diameter, amounting to approximately 1.3 of the coil diameter. The quality of the coil (in consideration of losses in the screen) remains approximately constant over a wide range of

Card 1/2

L 2854-66

ACC NR: AP6009332

changes of the screen diameter. The above results can be applied for establishing optimal dimensions of the screen and coil from the viewpoint of economy of space. Orig. art. has: 5 figures and 2 formulas. [Based on author's abstract] [AM]

SUB CODE: 09/ SUBM DATE: none ORIG REF: 003/ OTH REF: 002/

Card 2/2 IC

EBERT, L. Ya.

SARKISOV, D.S. & EBERT, L. Ya.

Certain peculiarities of the course of inflammatory processes of the lungs in cerebral trauma. Arkh. pat., Moskva 15 no.6:26-33 Nov-Dec 1953. (GML 25:5)

1. Of the Department of Pathological Anatomy (Head -- S. S. Vayl') and the Department of Microbiology (Head -- A. V. Ponomarev), Naval Medical Academy, Leningrad.

EBERT, L. Ya., Doc Med Sci (diss) -- "A study of experimental pneumonia occurring against a background of radiation disease, and the development of means to treat this illness". Leningrad, 1957. 20 pp (First Leningrad Med Inst im I. P. Pavlov), 200 copies (KL, No 10, 1960, 135)

TARASOV, P.M., dotsent; EBERT, L.Ya., doktor med.nauk

Work of a medical institute in introducing scientific advances into practice. Zdrav. Ros. Feder. 5 no.5:14-16 My '61. (MIRA 14:5)

1. Iz Chelyabinskogo meditsinskogo instituta.
(CHELYABINSK—MEDICAL COLLEGES)

EBERT, L.Ya., doktor med.nauk (Chelyabinsk); LIPSHITS, R.I., kand.med.nauk
(Chelyabinsk)

Conference on the problems of nonspecific prevention and treatment
of infectious diseases (Chelyabinsk, June, 1961). Kaz. med. zhur. no.6:
84-85 N-D '61. (MIRA 15:2)
(COMMUNICABLE DISEASES--CONGRESSES)

BEERT, L.Ya., doktor med. nauk; BRISKER, A.D.; RABKINA, S.A.

Data on the use of dibazol for the prevention of influenza in children's collectives during the 1962 epidemic. Kaz. Med. Zhur. no.6:44-45 '62. (MIRA 17:5)

1. Chelyabinskiy meditsinskiy institut i Chelyabinskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya (glavnyy vrach - N.V. Shelepova).

MATOVSKIY, I.M.; EBERT, L.Ya.; ERISKER, A.D.

Second Scientific and Practical Conference on the study of the
influenza epidemic in Chelyabinsk in 1962. Vop.virus. 7 no.6:
757-758 N-D '62. (MIRA 16:4)
(CHELYABINSK—INFLUENZA—CONGRESSES)

EBERT, L. Ya.

Review of the book "Manual on pharmacology" edited by N.V.
Lazarev. Antibiotiki 7 no.10:948-949 0'62 (MIRA 16:12)

EBERT, L.Ya.; BUKHARIN, O.V.

Data for the study of the effect of vitamin B¹² on the course of experimental infection and the immunological reaction of the body. Biul. eksp. biol. i med. 53 no.1:77-81 Ja '62. (MIRA 15:3)

1. Iz kafedry mikrobiologii (zav. - doktor med.nauk L.Ya. Ebert) Chelyabinskogo meditsinskogo instituta (rektor - dotsent P.M. Tarasov). Predstavlena deystvitel'nym chloncom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(CYANOCOBALAMINE)

(IMMUNOLOGY) (INFECTION)

EBERT, L.Ya.; BUKHARIN, O.V.; YAKOVLEVA, Z.M.; SOLONINA, I.P.

Experimental studies on acmoline in association with some
vitamins of the B complex. Antibiotiki 9 no.7:641-645 J1
'64. (MIRA 18:3)

1. Kafedra mikrobiologii Chelyabinskogo meditsinskogo instituta.

ROBERT, G.H.; SAZONOVA, S.V.; VEGIS, A.I.

Phage sensitivity of dysentery bacteria isolated in Chelyabinsk
in 1962. Zhur. mikrobiol., epid. i immun. 43, no. 11: 137 N '65.
(MIRA 18:12)

L. Chelyabinskiy meditsinskiy institut i Gorodskaya sanitarno-
epidemiologicheskaya stantsi. , Chelyabinsk. Submitted Nov. 20,
1964.

EBERT, M.

"Daltonides and Berthollides." p. 174. (MATEMATICKO-PRIRODOVEDECKE ROZHLEDY, Vol. 32, no. 6, 1953, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954, Unclassified

Handwritten text, possibly a signature or reference number, appearing at the top left of the page.

Country : CZECHOSLOVAKIA C
Category : Inorganic Chemistry. Complex Compounds
Abs. Jour. : Ref Zhur-Khim, 1959, No 5, 14899
Author : Ebert, M.
Institut. : -
Title : The Preparation and Study of Phosphites. II. Preparation of Medium Phosphites of Alkali Metals
Orig Pub. : Chem. listy, 1958, 52, No 4, 578-581
Abstract : The phosphites of alkali metals, with the exception of Li phosphite, may be prepared in a medium of lower aliphatic alcohols. Prepared were: Na_2HPO_3 , K_2HPO_3 and $\text{Na}_2\text{HPO}_3 \cdot 5\text{H}_2\text{O}$. The method is also suitable for preparing other salts. As a medium for the preparation of anhydrous phosphites, CH_3OH is most suitable, and for the preparation of $\text{Na}_2\text{HPO}_3 \cdot 5\text{H}_2\text{O}$ - an azeotropic mixture of alcohol and water. Report 2, see Ref Zhur-Khim, 1957, 4:277.-- V. Ruzicka
Cont: 1/1

EBERT, M.

"Preparation and study of phosphites." II. Preparation of normal alkali metal phosphites. In German. p. 1389.

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czech.
Vol. 24, No. 5, May 1959

Monthly List of East European Accessions (EMEA), IC, Vol. 8, No. 6, Sept. 59

Unclassified

EBERT, M.

/ Preparation and studies of phosphites. IV. Preparation of thallium and ammonium phosphites; some properties of normal thallium phosphite. M. Ebert (Karlova Univ., Prague). *Collection Czechoslov. Chem. Commun.* 24, 3348-52(1959); cf. C.A. 53, 21329a.—Neutralization of H_3PO_3 in anhyd. MeOH, EtOH, Me₂CO, and AcOEt with TlOH or Tl₂CO₃, and filtration of the product with suction afforded TlH₂PO₃ of 99.68% purity. Neutralization of H_3PO_3 with solns. of NH₃ in anhyd. MeOH, EtOH, or AcOEt gave NH₄H₂PO₃ of 99.71% purity. For prep. normal ammonium phosphite, the neutralization was carried out in MeOH or AcOEt contg. 4% H₂O, the amt. of H₂O being calcd. to form the monohydrate. (NH₄)₂HPO₃·H₂O of 99.84% purity was obtained. Addn. of a satd. aq. soln. of TlOH to a satd. aq. soln. of H₃PO₃ produced Tl₂HPO₃ of 99.87% purity, stable up to 115° in air, d₄²⁰ 1.46, soly. at 20° 23.80 g. in 100 g. H₂O. M. Hudlický

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EBERT, M.; PODLAHA, J.

Determination and study of phosphites. V. Chromium(II)-phosphite.
Coll Cz Chem 25 no.9:2435-2439 S '60. (EEAI 10:9)

1. Institut für anorganische Chemie, Karls-Universität, Prag.

(Phosphites) (Chromium phosphates)

EBERT, M.; PODLAHA, J.

Preparation and study of phosphites. VI. Chromium(III)-phosphite.
Coll Cz Chem 26 no.3:753-762 Mr '61. (EEAI 10:9)

1. Institut für anorganische Chemie, Karls-Universität, Prag.

(Chromium phosphite)

EBERT, M., PODLAHA, J.

Restoration and examination of phosphites. Part 7: Reaction of chromium (III) hydroxide on phosphorous acid. Coll Cz Chem 26 no.7: 1879-1881 J1 '61.

1. Institut für organische Chemie, Karlsuniversität, Prag.

(Phosphorous acid) (Phosphites)
(Chromium oxides)

EBERT, Miroslav; VARHANIKOVA, Anna

Contribution to the paper chromatography of phosphorus acids. Chem
prum 12 no.4:192-193 Ap '62.

1. Katedra anorganické chemie přírodovědecké fakulty, Karlova
universita, Praha.

PODLAGA, Ya. [Podlaha, J.]; EBERT, M.

Preparation and some properties of triphosphochromous acid.
Zhur.neorg.khim. 7 no.9:2185-2191 S '62. (MIRA 15:9)

1. Karlov universitet, Praga, Chekhoslovakiya.
(Chromic acid) (Phosphorous acid)

EBERT, M.; SEDIVY, J.

Determination of elementary cells of acid lithium phosphite
 LiH_2PO_3 . Chekosl fiz zhurnal 13 no.10:765-770 '63.

1. Katedra anorganické chemie přírodovědecké fakulty a
katedra fyziky pevných látek matematicko-fyzikální fakulty
Karlovy university, Praha.

EBERT, M.; MUCK, A.

Preparation and examination of phosphites. Pt.8. Coll Cz Chem 28
no.1:257-261 Ja '63.

1. Institut für anorganische Chemie, Karlsuniversität, Prag.

EBERT, Miroslav, RNDr. CSc.; MUCK, Alexander, promovany chemik

Diagram of solvability of the system $Tl_2HPO_3 - H_3PO_3 - H_2O$
in 25°C temperature. Chem zvesti 18 no.4:285-288 '64

1. Department of Inorganic Chemistry, Faculty of Natural
Sciences, Charles University, Prague, Albertov 2030.

EBERT, M.; SKVARA, F.

Preparation and examination of phosphites. Pt. 11. Coll Cz
Chem 29 no. 6:1413-1417 1964.

1. Institute of Inorganic Chemistry, Charles University,
Prague.

EBERT, M.; SKVARA, F.

Preparation and examination of phosphites. Pt. 12. Coll Cz chem
29 no.8:1945-1948 Ag '64.

1. Institut für anorganische Chemie, Karlsuniversität, Prag.

L 33227-66 EWP(t)/ETI IJF(c) JD

ACC NR: AP6023837

SOURCE CODE: CZ/0043/65/000/009/0679/0683

AUTHOR: Ebert, Miroslav (Docent; Doctor of natural sciences; Candidate of sciences; Prague); Cipera, Jiri--Chipera, Y. (Graduate chemist; Prague)

ORG: Department of Inorganic Chemistry, Faculty of Natural Sciences, Charles University, Prague (Katedra anorganické chemie Přírodovědecké fakulty Karlovy university)

TITLE: Study of the specific electrical conductivity in the liquid phase of the system K_2HPO_4 - H_3PO_3 - H_2O

SOURCE: Chemické zvesti, no. 9, 1965, 679-683

TOPIC TAGS: electric conductivity, solution kinetics, solution property

ABSTRACT: The liquid phase of the system K_2HPO_4 - H_3PO_3 - H_2O was investigated by means of electrical conductivity at concentrations of 0.05, 0.1, and 0.5M and at temperatures of 25, 35, and 45°C. By analyzing the differences found between the expected and experimental values of electrical conductivity of the addition compounds, the following compounds were found to exist in the solution: $KH_5P_2O_6$, $K_2H_7P_3O_9$, and $KH_9P_3O_9$. The formation of these salts increases with increasing concentrations of the solutions. Temperature changes have only a limited influence upon the formation of these salts; the most stable of these compounds is $KH_5P_2O_6$. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 07 / SUEN DATE: 09Nov64 / ORIG REF: 017 / SOV REF: 002

Card 1/1 *pld*

L 33225-66 EWP(t)/ETI LJP(c) JD

ACC NR: AP6023838

SOURCE CODE: CZ/0043/65/000/009/0684/0688

AUTHOR: Ebert, Miroslav (Docent; Doctor of natural sciences; Candidate of sciences; Prague)

ORG: Department of Inorganic Chemistry, Faculty of Natural Sciences, Charles University Prague (Katedra anorganické chemie Přírodovědecké fakulty Karlovy university)

TITLE: Diameter of the $H_2PO_3^-$ anion in a water solution of NaH_2PO_3 and KH_2PO_3 at $25^\circ C$

SOURCE: Chemické zvesti, no. 9, 1965, 684-688

TOPIC TAGS: aqueous solution, inorganic anion, atomic property

ABSTRACT: The study was conducted on the diameter of the $H_2PO_3^-$ anion at concentrations of 10-80 moles of water per gram equivalent of NaH_2PO_3 at $25^\circ C$. The diameter, under the experimental conditions was 2.24 \AA . The author thanks Professor, Doctor of sciences, Doctor of natural sciences, Pharmacist S. Skramovsky for interest and encouragement with the work. Orig. art. has: 1 formula and 3 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 09Nov64 / ORIG REF: 001 / SOV REF: 009
OTH REF: 006

Card 1/1 *sla*

CZECHOSLOVAKIA

EBERT, M; CIPERA, J.

Institute for Inorganic Chemistry, Karlova University (Institut
für anorganische Chemie, Karlsuniversität), Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 1,
January 1966, pp 1-6

"Preparation and analysis of phosphites. Part 14: Investigations
of the specific electric conductivity in the liquid phase of the
system $\text{Rb}_2\text{HPO}_3\text{-H}_3\text{PO}_3\text{-H}_2\text{O}$ and $\text{Ca}_2\text{HPO}_3\text{-H}_3\text{PO}_3\text{-H}_2\text{O}$ ".

CZECHOSLOVAKIA

EBERT, M.

Institute for Inorganic Chemistry (Institut für anorganische Chemie), Karlova University, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb 1966, pp 481-88

"Preparation and investigation of phosphites. Part 16: Radius of phosphite ions in an aqueous solution of Na_2HPO_3 and K_2HPO_3 at 25° C."

EBERT, M. K.

Exptl. branch Central Inst. Epidemiology and Microbiology NIKZDRAVA,
People's Commissariat, Public Health, (-1944-)

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process and immunity."

Zhur. Mikrobiol., Epidemiol., i Immunobiol., No. 3, 1944.

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"Active immunization against gas gangrene (*C. perfringens*)."

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EBERT, M.K.
~~EBERT, M.K.~~

USSR/Medicine -- Immunology

Nov 53

"Reaction of Complement Fixation in Rat Sarcomas Capable of Being Grafted," N. V. Nartsissov, M. K. Ebert, Inst of Epidem and Microbiol im Gamaleya, Acad Sci USSR

Zhur Mikro, Epid, 1 Immun, No 11, p 68

Antigens prepared from tumor tissue of rats affected with sarcoma were found to give a positive reaction of complement fixation with the serum of sarcomatous rats. Serological differences between antigens from several types of sarcoma were noted.

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"Effect of the new antibiotic, aurantin, on the development and recurrent growth of M-1 sarcoma."

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"Change With Age of the Immunological Reactivity in Children Suffering From Dysentery," Trudy 2-y Pavlovskoy Konferentsii Tomskogo Meditsinskogo Instituta, Tomsk, 1952, pp 215-217.

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Solitary cerebral tubercles in children. *Pediatrics* no 2:59-64
P '57. (MIRA 10:10)

1. Iz kafedry detskikh infektsionnykh bolezney (zav. - dotsent
V.L.Eberts) i kafedry gosital'noy pediatrii (zav. - prof. G.G.
Stuka) Tomskogo meditsinskogo instituta.
(BRAIN--TUBERCULOSIS)

IVADY, Gyula, dr.,; KOLTAY, Miklos, dr.,; HENRY, Piroska.

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no.2:41-45 9 Jan 55.

1. A Szegedi Orvostudományi Egyetem Gyermekklinikájának (igazgató:
Waltner Karoly dr. egyet. tanár) közleménye.
(ERYTHRODERMA DESQUAMATIVUM, in infant and child,
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153-156 '63.

1. Department of Paediatrics, University Medical School, Szeged.
(JAUNDICE, NEONATAL) (HYPERBILIRUBINEMIA)
(GENETICS, HUMAN) (MENTHOL) (GLUCURONATES)
(URINE)

EBERZIN, A.G.; OBRUCHEV, D.V., otvetstvennyy redaktor.

[Genus *Limnocardium* Stoliczka in the Pliocene of the Pontocaspian Basin.] Rod *Limnocardium* Stoliczka v pliocene Ponto-Kaspiiskogo basseina. Moskva, Izd-vo Akad. nauk SSSR. 1947. 155 p. 16 tables. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol.13, no.4). (MLRA 10:7)

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1. Direktor Paleontologicheskogo instituta (for Orlov)
(Altai Territory--Polyzoa, Fossil)

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EBERZIN, A.G.

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MESSINEVA, M.A.; RADCHENKO, O.A.; REMEZOVA, T.S.; ROMM, I.I.;
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Results of the comprehensive study of contemporary analogues of oil-
bearing facies. Trudy VNIGNI no.2:111-121 '51. (MLRA 10:4)
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EBERZIN, A.G.; NEVESHKAYA, L.A.; MIRONOV, S.I., akademik.

Apsheonian deposits of the Krasnovodsk Peninsula. Dokl.AN SSSR 93 no.4:701-703 D '53. (MLRA 6:11)

1. Akademiya nauk SSSR (for Mironov). 2. Paleontologicheskii institut Akademii nauk SSSR (for Eberzin and Nevesskaya).
(Krasnovodsk Peninsula--Paleontology)
(Paleontology--Krasnovodsk Peninsula)

ER-17-14, 175
MERKLIN, Roman L'vovich.; NEVSSKAYA, Lidiya Aleksandrovna.; EBERZIN, A. G.,
otvetstvennyy redaktor.; KORDE, K.B., redaktor izdatel'stva.; ISKRA'YEVA,
G.A., tekhnicheskii redaktor.

[Handbook on Miocene bivalvular mollusks of Turkmenia and western
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117 p. (Akademii nauk SSSR. Paleontologicheskii institut. Trudy, vol.
59) (MIRA 9:11)

(Turkmenistan-Lamellibranchiata, Fossil)
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New names of certain Cardiidae genera from the Pliocene of the
Black Sea-Caspian Basin. *Biul.MOIP. Otd.geol.* 30 no.3:93 My-Je
'55. (MIRA 8:10)
(Black Sea region--Lamellibranchiata, Fossil) (Caspian Sea
region--Lamellibranchiata, Fossil)

Eberzin, A. G.

USSR/Geology - Paleontology

Card 1/1 Pub. 22 - 37/45

Authors : Eberzin, A. G.

Title : Relations between Pliocene fauna of lamelibranchia mollusks of Euxin and Caspia

Periodical : Dok. AN SSSR 103/2, 309-312, Jul 11, 1955

Abstract : Paleontological data are presented on the Pliocene era fauna of lamelibranchia mollusks of Euxin and Caspian Sea. Five USSR references (1923-1954). Table.

Institution : Acad. of Sc., USSR, Paleontol. Inst.

Presented by : Academician S. I. Mironov, February 2, 1955

BERZIN, A.G.; BUKLIN, V.V.

On the age and formation of sands at Chil'mamed-Kum (Turkmenia).
Dokl.AN SSSR 105 no.6:1318-1320 D '55. (MLRA 9:4)

1.Paleontologicheskiy institut Akademii nauk SSSR. Predstavlene
akademikom N.S.Shatskin.
(Turkmenia--Sandstone)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,
p 18 (USSR) 15-57-12-16806

AUTHOR: Eberzin, A. G.

TITLE: The Pliocene Deposits of the Turkmenskaya SSR (O
pliotsenovyykh otlozheniykh Turkmenskoy SSR)

PERIODICAL: Tr. In-ta geol. AN TurkmSSR, 1956, Vol 1, pp 92-127

ABSTRACT: Marine and continental Pliocene deposits are very widespread in the Turkmenskaya SSR; but they have not been fully described in the published literature. From the literature and from his own investigations, the author uses the data to consider the distribution, stratigraphy, and conditions of deposition of the Pliocene rocks. The oldest of these deposits (the lower Pontian beds) occurs on the northern shore of the Kara-Bogaz-Gol and generally consists of oolitic limestones with layers of coquina. It contains a

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15-57-12-16806

The Pliocene Deposits (Cont.)

poorly preserved fauna of (Dreissensia simplex Barb., Didacna aff. subincerta Andrus., Monodacna pseudocatillus Barb., Prosodacna littoralis Eichw., and others. A large break occurs between the lower and upper Pliocene marine deposits. Tectonic movements produced an uplift over a large part of Turkmeniya, but in a number of regions (Kara-Bogaz-Gol, the northern part of the Krasnovodsk Peninsula, the Chul'mamedkum sandy region, and others) subsidence occurred toward the end of Akchagyl time. Three stages are noted in the development of the Akchagyl basseyn (basin). The first stage is characterized by widespread transgression and a poor fossil record (Avimactra subcaspia Andrus, Cardium dombra Andrus, and others). The second stage is characterized by less extensive transgression and by a rich fauna (Avimactra acutecarinata and others). The third stage is distinguished by a strong freshening of the water and an end to the sea. The author describes the marine Akchagyl deposits and the marine Apsheron deposits (considerably less widespread than the first) in Turkmeniya and provides lists of the

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15-57-12-16806

The Pliocene Deposits (Cont.)

fossils found in them. The Apsheron rocks in the region of Sarykamysh are transitional from marine to continental. Continental beds are widespread in the region of Turkmeniya, but they have been studied so little that it is difficult to work out their stratigraphy, the more so because the nomenclature of the continental strata is very confused. The author proposes a nomenclature for these continental formations in Turkmeniya (see Table). The Zaunguz'ye formation of the Turkmeniya group occurs on the Zaunguz'ye Plateau and consists of red and green clays and micaceous sandstones with layers and lenses of conglomerates. The visible thickness is 80 m (the true thickness is apparently considerably greater). It is considered to be lagoonal-continental-deltaic in origin. Fossils are rare (Cyprideis torosa littoralis Brady, Cyprinotus sp., and Clessiniola polejaevi Andrus). The Cheleken formation, more than 1500 m thick, is distinguished by a variable lithology and by very few fossils (plant remains, occasional ostracods). Besides at Cheleken, the formation is exposed in a number of anticlines in south-

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The Pliocene Deposits (Cont.)

15-57-12-16806

western Turkmenia. The Karakum formation lies on top of the Cheleken. The lower part of it is late Pliocene in age and consists of deformed conglomerates (in distinction to the Quaternary rocks. A bibliography with 88 references is included.

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15-57-12-16806

The Pliocene Deposits (Cont.)

Series	Formation	Local formation (for different regions of Turkmeniya)	Approximate age of the deposit
Karakum	Upper of Karakum	Karakum	Upper Pliocene, lower post- Pliocene
	Middle or Turkmeniya	Zaunguz'ye (north) Cheleken (south)	Upper Miocene, lower and middle Pliocene
	Lower or Zhivinskiy		Lower and middle Miocene

Card 5/5

V. A. Levitskaya

EBERZIN, A.G.

Deposits containing *Unio sturi* M.Hörnes and its importance for the stratigraphy of the pliocene of the Ukrainian and Moldavian S.S.R. Dokl.AN SSSR 108 no.4:723-725 Je '56. (MIRA 9:9)

1. Paleontologicheskii institut Akademii nauk SSSR. Predstavlene akademikom N.S.Shatskim.
(Ukraine--Unionidae, Fossil) (Moldavia--Unionidae, Fossil)

NEVESHKAYA, Ildiya Aleksandrovna; ~~EBERZON, A.G.~~, otvetstvennyy red.; KORDIN,
K.B., red. izd-va; PAVLOVSKIY, A.A., tekhn. red.

[Quaternary marine mollusks of Turkmenia] Chetvertichnye morskije
molluski Turkmenii. Moskva, Izd-vo Akad. nauk SSSR, 1958. 79 p.
(Akademiia nauk SSSR, Paleontologicheskii institut. Trudy, vol. 65).
(Turkmenistan--Mollusks, Fossil) (MIRA 11:5)

AUTHOR: Eberzin, A.G.

SOV-5-58-2-18/43

TITLE: Stratigraphical Layout of Neogen Sea Sediments of the Trans-Caspian Region (Skhema stratigrafii morskikh neogenovykh otlozheniy Zakaspiya)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody - Otdel geologicheskoy, 1958, Nr 2, pp 138-140 (USSR)

ABSTRACT: The occurrence of Neogen sea sediments in the Trans-Caspian region is basically linked with the western regions of Kazakhstan, Turkmenistan and Uzbekistan. On the whole, these sediments represent the Miocene and Pliocene epoch. The author gives a detailed description of the various geological periods and comes to the conclusion that the history of the development of Neogenic seas in the Trans-Caspian region proves that the Miocene transgression, beginning in the "chokrak" period, reached its climax at the end of the Lower Sarmatian stage and was succeeded by a regression by the end of the Middle Sarmatian stage. This regression caused the drying out of the Trans-Caspian region up to the beginning of the Middle Pliocene epoch. The second Neogen transgression or ingression took place by the end of the Pliocene epoch.

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SOV-5-58-2-18/43

Stratigraphical Layout of Neogen Sea Sediments of the Trans-Caspian Region

It began in the early Akchagyl and it reached its climax in the middle Akchagyl period. The regression of the sea started in the late Akchagyl and continued during the entire Apsheron period.

1. Geology
2. Sedimentation
3. Geological time--Determination
4. Neogen Sea

Card 2/2

AUTHORS: Eberzin, A. G., Sayanov, V. S. SOV / 20-120-1-50/63

TITLE: On the Volcanic Ashes From the Meotic Sediments of the Moldavian SSR (O vulkanicheskom peple iz meoticheskikh otlozheniy Moldavskoy SSR)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 1, pp. 183-185 (USSR)

ABSTRACT: The study of fossil tuffs, ashes, and other products of volcanic eruptions is of considerable importance to the knowledge of the geological past of the earth. The authors investigate the find of a thin (10-15 cm) interlayer of volcanic ashes in the mass of the meotic deposits in the district of the disinterments of the Hipparion-fauna near the town Chimishliya at the slope of the Valya-Satuluy-river. In numerous defiles a more than 70 m thick suite of sandy-loamy deposits is opened up. A similar lithological composition (it is described for the enumerated deposits) is proper to continental formations, which were settled on lake-river, swamp, and subaerial conditions. This is proved by finds of freshwater-, mainly river-mollusks. To the lower part of the named mass the known bone containing horizons of Chimishliya are bound (Ref 3), the age of this fauna is determined as meotic. By comparison and

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On the Volcanic Ashes From the Meotic Sediments of the Moldavian SSR

SOV/20-120-1-50/63

interpolations the age of the above named bone layers is ascertained to represent the middle or the beginning of the Upper Meotic. The ash-interlayer lies 20-25 cm above the pack of the bone containing lenses. Therefore these ashes most probably belong to the Upper Meotic. Macroscopically this ash is a very fine-grained, rough feeling, hardly cemented deposit. It is an isotropic transparent volcanic glass, corresponding to a fine dust, often with very fine gas bubbles 0,10-0,01 mm (83,36%) in size. The fragments are well preserved, without traces of rolling. There occur pieces of fine cylindric threads which remind of "Pele's hair". Chemical and optical constants of the glass are given. The origin of the mentioned ashes is brought into connection with the eruption of one of the eastern volcanoes of the inner zone of the Karpaty(Ref 2), where lava flows of similar composition took place in the Meotic time. The material, thrown out, was transported by aerial ways and deposited on the bottom of a shallow water basin. There are 2 tables, and 3 references, which are Soviet.

ASSOCIATION: Paleontologicheskii institut Akademii nauk SSSR (Paleontology Institute, AS USSR). Moldavskiy filial Akademii nauk SSSR (Moldavian Branch of the AS, UESR)
Card 2/3

On the Volcanic Ashes From the Meotic Sediments of the Moldavian SSR

SOV/20-120-1-50/55

PRESENTED: January 15, 1958, by S. I. Mironov, Member, Academy of Sciences, USSR

SUBMITTED: January 14, 1958

1. Geology--USSR 2. Volcanic dust--Analysis 3. Sedimentation
--Sampling 4. Geological time--Determination

Card 3/3

AUTHORS: Eborzin, A. G., Kloyner, Yu. M. SOV/ 20-120-2-50/63

TITLE: On the Akchaghylian of the Mangyshlak Peninsula (Ob akchagyle Mangyshlaka)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 2, pp. 397 - 399 (USSR)

ABSTRACT: Until very recently only a short notice (Reference 1) existed on the occurrence of these deposits in this region. During geological investigations in 1957 the Akchaghylian deposits were found much farther north of the first place of finding, at Cape Peschanyy. They have developed in a large region and moreover their interrelations with other Neogene horizons can be observed (figure 1). These deposits are best developed near the settlement of Kyzylkum and from there they are traced until 6-7 km farther to the north. They were then disclosed still farther by a borehole. Near the above-mentioned settlement they form a plane terrace of several hundred m². Their thickness amounts to 8 - 10 m. These are dirty-white, grayish limestones with a fauna. The basis of the lime-mass is covered by sands of Upper Quaternary (novokaspiyskiy) age. Under them Lower Pontiac yellowish shell-oölitic limestones (4 m in thickness) are deposited. From the scheme of figure 2 is to be seen that the Akchaghylian layers

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