

ROTH M. and JONA I. Chirurgia Sec. 1: Vol. 11/3 Surgery Aug 1957

4315. ROTH M. and JONA I. Chir. Fortbildungsklin., Med. Univ., Budapest.
Die diagnostische Bedeutung der percutanen Spleno-Portographie. Dia-
gnostic significance of percutaneous splenopography
SCHWEIZ. MED. WSCR. 1956, 86/25 (738-741) Illus. 6

Percutaneous splenopography which was introduced in 1951 is now being applied successfully in many instances. The technique applied is as follows: the patient is placed upon the X-ray table in a dorsal position. The size of the spleen is established by palpation and by radiography. Local anaesthesia is induced with 10 ml. of a 1% novocaine solution; puncture is made in the centre of the area of diminished resonance, mainly in the anterior axillary line, in the 10th intercostal space by means of a long intramuscular syringe to a depth of 4 to 5 cm. into the body of the spleen. The intralial position of the syringe is ascertained by aspiration or by radioscopy. Then 20-50 ml. of a 70% solution of ioduron is injected under light pressure. The first radiography is made after about 3/4 of the contrast medium have been injected. A total of 3 or 4 radiographs made at intervals of 1 or 2 sec. is considered sufficient. This method which makes it possible to render visible the vena lienalis, the vena portae and possibly developed collaterals, is explained by means of radiographs and case histories. The injection of the matter containing the contrast medium renders the radiographs clear and permit an exact location of the obstacle in the portal circulation. According to the authors, this injection does not bring about any complications. Percutaneous splenopography is of particular importance in the diagnosis and treatment of portal hypertonus. It also represents a suitable procedure for establishing the location of tumours of the liver and of the pancreas, as well as for the location of possible metastases. A decision regarding the suitable method of operating is only possible on the basis of a diagnosis supported by a splenopographic examination.

Dikhno - Krasnoyarsk

ROTH, Miklos, Dr.; PINTER, Endre, Dr.; BELAFALVY, Iaszlo, Dr.

Experiences with operations made on the basis of the diagnosis of chronic appendicitis. Orv. hetil. 99 no.51:1787-1791 21 Dec 58.

1. A Budapesti Orvostudományi Egyetem IV. sz. Sebészeti Klinikájának (igazgató: Kudasz József dr. egyet. tanár) közleménye.

(APPENDIX, surg.

in chronic appendicitis (Hum))

ROTH, Miklos, Dr.; SZABO, Imre, Dr.; PINTER, Endre, Dr.; BELAFALVY, Laszlo, Dr.

Data on the surgical therapy of cardiospasm. Orv. hetil. 100 no.14:
499-503 5 Apr 59.

1. A Budapesti Orvostudományi Egyetem IV. sz. Sebészeti Klinikájának
(igazgató: Kudasz József dr. egy. tanár) közleménye.

(CARDIOSPASM, surg.

(Hun))

ROTH, M.

Pneumomyelography. Cesk. rentgen. 17 no.6:377-390 N 163.

1. Radiologicka klinika lekarske fakulty UJEP v Brne, prednosta
prof. dr. J. Holy, DrSc.
(SPINAL CORD) (RADIOGRAPHY)

ROTH, M.

Problems in routine roentgen diagnosis of retrogastric expansions, especially of the head and tail of the pancreas.
Cesk. rentgen. 18 no.2:73-85 Mr'64.

1. Radiologicka klinika lekarske fakulty UJEP v Brne;
prednosta: prof.dr. J.Holy, DrSc.

ROTH, M.

The terminal portion of the spinal cord. I. Normal pneumographic picture. *Cesk. radiol.* 18 no.5:332-340 S 1964.

The terminal portion of the spinal cord. II. Abnormal pneumographic pictures. Syndrome of lumbar artery intumescence and spinal dysraphia. *Ibid.*:340-346

1. Radiologická klinika lékařské fakulty University J.E. Purkyně v Brně (prednosta prof. dr. J. Holy, DrSc.).

ROTH, M.: HAFK, L.

Atropny of the spinal cord. A clinical-radiological study.
Cesk. neurol. 29 no.1:1-11 Ja '66.

1. Radiologicka klinika (prednosta prof. dr. J. Holy, DrSc.)
a neurologicka klinika (prednosta prof. dr. K. Popek) lekarske
fakulty University J.E. Purkyně v Brne.

CZECHOSLOVAKIA

ROTH, M.; HANAK, L.; SCHRODER, R.; X-ray Clinic (Radiologicka Klinika) head (Prednosta) Prof Dr J. HOLY, Neurological Clinic (Neurologicka Klinika) Head (Prednosta) Prof Dr K. POPEK, and Neurosurgical Department (Neurochirurgicke Oddeleni) Head (Vedouci) Dr O. GOTFRYD, 1st Surgical Clinic (I. Chirurgicke Kliniky) Head (Prednosta) Docent Dr J. UHLIR, Medical Faculty, J. Ev. Purkyne University (Lek. Fak. UJEP), Brno.

"Intramedullary Thoracic Dermoid."

Prague, Ceskoslovenska Neurologie, Vol 29, No 5, Sep 66, pp 351 - 354

Abstract /Authors' English summary modified/: Characteristic aspects of epidermoids and dermoids are discussed. A case of an intramedullary dermoid of the lower thoracic spine in a patient of 62 is described; surgical treatment of the case is discussed. The patient suffered from symptoms for 16 years, with a 2 year remission prior to surgery. X-ray findings showed an excavation of the spinal canal, pathological intraspinal calcification, and slight anomalies of the axial skeleton. 1 Figure, 8 Western, 5 Czech references.

1/1

ROTH, Milan, MUDr. (Purkynova 102a, Brno-Kral. Pole)

Posterior arch of the atlas bone on x-ray; a study on spinal neurofibroma on C2. Cesk. rentg. 13 no.3:184-187 June 59.

1. Ustredni rtg oddeleni FN v Brne, prednosta prim. MUDr. Jan Smid.
Venovano k padesatinam prim. MUDr. J. Smida.

(SPINE, neoplasms

neurofibroma of second cervical vertebra (Cz))

(NEUROFIBROMA, case reports

second cervical vertebra (Cz))

W 77, 11
JONA, L.; ROTH, M.

The functional x-ray symptoms of acute pancreatic diseases. *Magy. radiol.* 4 no. 4:154-157 Nov. 1952. (GLML 24:1)

1. Doctors. 2. Clinic for Advanced Surgical Training (Director -- Prof. Dr. Imre Littmann), Budapest Medical University.

ROTH, M.; JONA, I.

Percutaneous splenoportography. *Magy. radiol.* 5 no. 4:151-153 Nov 1953.
(GLML 25:5)

1. Doctors. 2. Clinic for Advanced Training in Surgery (Director ---
Prof. Dr. Imre Littmann), Budapest Medical University.

ROTH, M.

KUNOS, I.; ROTH, M.; KALDOR, G.

Postgastrectomy pancreatic function. Orv. hetil. 94 no.20:551-555 17
May 1953. (CIML 25:1)

1. Doctors. 2. Clin : for Advanced Training in Surgery (Director --
Prof. Dr. Imre Littmann), Budapest Medical University.

ROTH, M.

Sterilization of silk sutures in 1: 10,000 solution of merfen. Orv.
hetil. 94 no. 42:1168-1171 18 Oct 1953. (CML 25:5)

1. Doctor. 2. Clinic for Advanced Training in Surgery (Director --
Prof. Dr. Imre Littmann), Budapest Medical University.

ROTH, M.

Precarcinosis of the stomach. Orv. hetil. 94 no.47:1295-1297 22 Nov 1953.
(GLML 25:5)

1. Doctor. 2. Clinic for Advanced Training in Surgery (Director -- Prof.
Dr. Imre Littmann), Budapest Medical University.

BRITISH MEDICAL JOURNAL Vol. 77 SURGERY Aug 55

RÖTH M.

4201. RÖTH M. Chir. Fortbildungsklin., med. Univ., Budapest. *Chirurgie der Duodenaldivertikel. The surgical treatment of duodenal diverticula ZBL. CHIR. 1954, 79/32 (1345-1354) Illus. 10

Only 2% of radiologically demonstrable diverticula give rise to clinical symptoms. Operation is necessary in the presence of mechanical factors such as congestion in the diverticulum, obstruction of the duodenum, the common bile duct or the wirsungian duct, inflammatory processes, diverticulitis, ulceration, abscesses, perforating peritonitis or secondary inflammation of the pancreas and the retroperitoneum. Malignant degeneration of diverticula constitutes another indication for surgical treatment. A description is given of a personal surgical technique, which aims at removal of the diverticulum. Small diverticula are invaginated. When the diverticulum cannot be found, palliative gastric resection is indicated. Four cases are described.

Bacher - Neustadt/Weinstrasse

ROTH, M.; HARKANYI, I.; TOTI, J.

Experimental repair of the esophagus with a plastic tube. Acta med. hung. 6 no.1-2:167-176 1954.

1. Department of postgraduate surgery, University Medical School, Budapest.

(ESOPHAGUS, surg.
esophagoplasty with methacrylate tube)
(ACRYLIC RESINS
esophagoplasty, methacrylate tube)

ROTH, Miklos, dr.; HARKANYI, Istvan, dr.; TOTH, Jozsef, dr.

Experimental exophagoplasty with acrylic tube. *Magy sebeszet* 7
no.3:184-191 June 54.

1. A Budapesti Orvostudományi Egyetem Sevesztovábbképző Kliniká-
jának közleménye: Igazgató: Littmann Imre dr. egyet. tanár. Az
Egészségügyi Tudományos Tanács által támogatott munka.

(ESOPHAGUS, surg.

esophagoplasty with methylacrylate tube, exper. in dog)

(ACRYLIC RESINS

methylacrylate tube for exper. exophagoplasty in dog)

ROTH, M.

EXCERPTA MEDICA Sec.16 Vol.4/2 Cancer Feb 56

629. ROTH M., HARKÁNYI I. and TÓTH J. Dept. of Postgrad. Surg., Univ. med. Sch., Budapest *Experimental repair of the oesophagus with a plastic tube* Acta med. Acad. Scient. Hung. (Budapest) 1954, 6: 1-2 (167-176) Tables 1 Illus. 2

Experiments were carried out in dogs. Autopsy findings and histological examinations performed at different moments after the operation revealed that a connective tissue wall develops around the inserted tube. This wall did not contain muscle fibres; since it consists only of connective tissue and a mucosal layer, cicatrization and constriction necessarily must set in sooner or later. The use of this procedure in man cannot be recommended.

Bruusgaard - Oslo

ROTH, Milan, MUDr.

Bronchography and dried plasma. Cesk. roentg. 10 no.4:
147-149 Dec 56.

1. Ustredni rtg ustav FN v Brne, prednosta prim. MUDr.
Jan Smid.

(BRONCHI, radiography
 technic with dried blood proteins in animals (Cz))
(BLOOD PROTEINS
 dried, use in bronchography in animals (Cz))

EXCERPTA MEDICA Sec.9 Vol.11/4 Surgery April 57

1378. RÓTH M. Chir. Fortbildungsklin., Med. Univ., Budapest. *Sterilisierung der Nähseide in 1:10,000 verdünnter Quecksilberphenylboratlösung. Sterilization of sewing silk with Hg-phenylborate solution in a dilution of 1:10,000 ZBL.CHIR. 1956, 81/5 (214-218) Tables 2
Sewing silk can be reliably sterilized by boiling in a Hg-phenylborate solution (merfen, ryfen, famosept) in a dilution of 1:10,000. The solution, which is 20 times cheaper than alcohol, used up to now, has no toxic action. (IX, 17)

5327. RÓTH M., HARKÁNYI I. and BÉLAFALVY L. Chir. Fortbildungsklin.,
Med. Univ. Budapest. *Über den heutigen Stand der chirurgischen Behand-
lung des Ösophagusdivertikels. The present state of surgical
treatment of oesophageal diverticulum ZBL. CHIR. 1956, 81/
42 (2174-2185) Illus. 5

After a short description of the aetiology, pathological mechanism, symptoms and diagnosis of oesophageal diverticulum, the modern surgical methods to be applied to the individual types are described on the basis of Zenker's classical division. The surgical treatment of the various groups is illustrated with personal cases and the following conclusions are reached: (1) The least dangerous method of establishment of the diagnosis of oesophageal diverticulum is X-ray examination, which in exceptional cases should be completed with oesophagoscopy. (2) When the oesophageal diverticulum gives rise to symptoms, surgical intervention is definitely justified. Conservative methods as practised formerly do not lead to the desired purpose and do not protect the patient from complications either. (3) The most suitable method, irrespective of whether the diverticulum is in the cervical or in the thoracic oesophagus, is extirpation in one stage, which can be carried out without risk under the protection of antibiotics. In smaller diverticula, the invagination method also suffices.

KURUCZ, V., dr.; ROTH, M., dr.

Interpositio hepato-diaphragmatica (Chilaiditi syndrome). Orv.
hetil. 101 no.46:1643-1646 13 N'60.

1. Budapesti Orvostudományi Egyetem, IV. sz. Sebészeti Klinika.
(DIAPHRAGM abnorm)
(LIVER abnorm)

~~ROTH, Miklos, dr.~~
ROTH, Miklos, dr.

Dissector for vascular ligation. Magy.sebeszet 14 no.1:34-35 F'61.

1. A Budapesti Orvostudományi Egyetem IV. es Sebészeti Klinikájának
közleménye. Igazgató: Kudasz József dr. egyetemi tanár.
(BLOOD VESSELS surg)

ROTH, Milan

Cisternal pneumoencephalogram picture of expansive processes of the posterior cerebral fossae; on the mechanism of the effect of transtentorial herniation. Cesk. rentgenol. 15 no.4:224-237 '61.

1. Ustred. rtg-oddeleni fakultni nemocnice v Brno, prednosta MUDr. Jan Smid Neurologicka klinika fakultni nemocnice v Brne, prednosta prof. MUDr. K.Popek.

(VENTRICULOGRAPHY) (BRAIN NEOPLASMS radiography)
(ENCEPHALOCELE radiography)

ROTH, Miklos, dr.

On surgical problems in portal hypertension. Magy. sebesz. 15 no.2:
105-106 My '62.

(HYPERTENSION PORTAL surg)

ROTH, P.

ROTH, P. Power consumption of roller-bearing spindles. p. 819.

Vol. 4, no. 8, Aug, 1955
TEKSTIL
Zagreb, Yugoslavia

So: Eastern European Accession Vol. 5 No. 1 April 1956

ROTH, R., dr.

A rapid and practical serological technic used in routine bacteriological diagnosis. Microbiologia (Bucur) 9 no.2:173-176 Mr-Apr '64.

1. Lucrare efectuata in Spitalul clinic de pediatrie "Emilia Irza", Bucuresti.

IGF-KF-ROT-386

RS080-F291

ROTH, Rudolf

The production of-methyl ethyl-ketone-peroxide---Zur darstellung von methylaethyl-
keton-peroxyd---By R. Roth ludwigshafen I G farbenindustrie A G Jan 1944 germ
unclass 19P

When secondary alcohol is oxidized a ketone is formed. There is little danger that the
oxidation will proceed too far-Ketones are oxidized only with difficulty and never to a
product with the same number of carbon atoms. This process of oxidation consists in the
removal of two hydrogen atoms. We may suppose that the function of the oxidizing agent
is to supply oxygen to combine with the two hydrogen atoms and form water. The production
of ketone peroxide is analyzed in order to prevent a separation of pure ketone peroxide
from the mixture. Diluted sulfuric acid was added.

SOURCE: AIR, W.C. DESK CATALOG OF GERMAN AND JAPANESE AIR-TECHNICAL DOCUMENTS.
MARCH 1948 (P.841) Unclassified.

ROTH, Roland R., dr.

Recent data on virus biology. Natura Biologie 16 no.2:3-10. Apr '64.

1. Chief medical officer, Bucharest.

EXCERPTA MEDICA Sec 4 Vol 12/11 Med. Micro. Nov 59

3577. ANTIGENIC AND BIOCHEMICAL CHARACTERS OF CERTAIN STRAINS OF SALMONELLA CHOLERAESUIS (VAR. KUNZENDORF), ISOLATED FROM INFANTILE INFECTIONS - Caracterele antigenice, și biochimice ale unor tulpini de Salmonella cholerae suis (var. Kunzendorf) izolate din infecții infantile - Roth R. R., Cohn L. and Marcu E. - MICROBIOL. PARAZITOL. EPIDEMIOL. 1958, 3/3 (239-245) Tables 5

Seven strains of S. choleraesuis var. Kunzendorf were isolated from 3 sick children. The infection was of long duration. One case had a fatal issue. All strains were little sensitive to the usual antibiotics. Sochter - Iași

SAGER, O.; BADENSKI, Gh.; ROTH, R.R.; WEINBACH, R.; MIHALE, A.

The role of the central nervous system in pyretotherapy for syphilitic meningoencephalitis. The action of malaric fever & of fever produced by typho-paratyphic vaccine. Rumanian M. Rev. 1 no.2:47-49 Apr-June 57.

(SYPHILIS, compl.
meningo-encephalitis, ther., fever ther., CNS mechanisms)
(MENINGOENCEPHALITIS, etiol. & pathogen.
syphilis, ther., fever ther. CNS mechanisms)
(CENTRAL NERVOUS SYSTEM, in various dis.
syphilitic meningoencephalitis, eff. of fever ther.)

ROTH, T.

RUMANIA/Electronics- Vacuum Technique.

H

Abs Jour : Ref Zhur Fizika, No 10, 1959, 23142

Author : Roth, Thea; Roth, A.

Inst : ~~XXXXXXXXXXXX~~

Title : Design of Vacuum Installations.

Orig Pub : Rev. chim., 1958, 9, No 11, 618-626

Abstract : A review is given of the formulas for the calculation of vacuum installations. A method for determining the leakage mode and a nomogram has been plotted for solving this problem. Also given are nomograms for the calculation of vacuum installations.

Card 1/1

- 77 -

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CP

Heat of combustion of standard substances for calibration of calorimetric bombs. W. A. Roth and A. R. Lamprecht. *Roczniki Chem.* 18, 747-53 (in German) (in Polish, 733-4) (1938).—The data obtained by different authors for the heat of combustion of benzoic acid are analyzed. The correction for HNO₃ formation is calcd. when based on the authors' data and they give the most probable value for the heat of combustion of BaOH for different temps. in the range from 15° (8319.6) to 30° (8316.2), dQ/dT being -0.23. The recent data, especially that of Huffman for the heat of combustion of succinic acid, which is accepted as a secondary standard in thermochemistry, are revealed, based on the value for BaOH as a primary standard. M. Wojciechowski

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

BC

A-1

Heat of combustion of standard substances
for calibration of calorimeters. W. A. RORU
and A. E. LAMPRECHT (Rec. Chem., 1938, 10, 747--
754).--The heats of combustion of BaOH and
(CH₃CO₂H)₂ are recal., applying a correction for
production of HNO₃ during combustion. R. T.

ASMA SLA METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

G/007/60/000/009/004/005
A127/A026

AUTHOR: Roth, V., Graduate Engineer, Prague

TITLE: Status of the Use of Casting Resins in Electrical Engineering in the CSR

PERIODICAL: Elektrik, 1960, No. 9, pp. 330-334

TEXT: The CSR uses domestically produced epoxy resins since 1951. Table 1 shows the properties of several unhardened, and Table 2 those of hardened epoxy resins. The change of the dielectric valences by after-baking is shown in Table 3. If a resin surface not worked over receives a layer of baked-in silicon laquer containing 1 % butyltitanate, the surface leakage current decreases to the valence of ceramic materials. Casting resins also have a strong resistance against brush discharges, chemical influences, and also have a good aging behaviour. To avoid internal stresses and cracks in large castings, filling materials have to be used. The physical properties of several casting materials with various filling materials are shown in Table 4. The use of amorphous quartz flour brings about an expansion similar to that of metal. Figure 1 shows an aluminum part with a cast-on resin layer, which has an ex-

Card 1/3

G/007/60/000/009/004/005
A127/A026

Status of the Use of Casting Resins in Electrical Engineering in the CSR

pansion coefficient similar to that of aluminum. Figure 2 shows a casting resin pin current transformer for 22 kv, made by EJF in Brno. The material is casting resin with amorphous quartz filling. Figure 3 shows two pins of similar by-pass force and sparking distance, the one of casting resin is 40 mm lower than the porcelain pin. A 60 kv casting resin pin is shown in Figure 4. The molds for such pins are shown in Figure 5. Figure 6 shows a 60 kv casting resin duct with two insulator layers with different dielectric constants. The cross section of the duct is shown in Figure 7. The production process of epoxy resin layers of any thickness (Fig. 8) on round bodies is schematically shown and explained. Pole tubes (Fig. 9) for oil-poor breakers were produced for a test model. These tubes have no filling material. The bronze flanges were cast into the resin. These pole tubes are gas tight, oil proof, and meet all mechanical and electrical requirements. As a protection of thin-woven resistors epoxy resin is very useful. Figure 10 shows a woven resistor 1,500 Ω , 10 kv, cast into epoxy resin. Various uses of casting resins in the electric motor industry are used. A new design of a spark coil uses instead of an iron core in the coil a special casting material consisting

Card 2/3

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A:27/A026

Status of the Use of Casting Resins in Electrical Engineering in the CSR

of epoxy resin, powdered soft magnetic iron, carbonyl iron, ferrite, aluminum, nickel, and cobalt powder. Such masses can be cast without pressure and have very low hysteresis losses. (Fig. 11). There are 4 tables, 8 photographs, and 3 figures.



Card 1/3

CZECHOSLOVAKIA

ROTH, V.

Prague, Časopis pro mineralogii a geologii, No 3, 1964, p 366

"On the Sixtieth Birthday of Dr. A. Dvorak."

Koth, V.

621.315.61.011.52

✓ 4115. Resistivity of insulating materials to creepage currents. V. ROTH. *Elektrotech. Obzor*, 43, No. 6, 310-14 (1954) in Czech.

EA
SW

Resistivity to creepage flash-over is affected by humidity. The best known method for testing resistivity is the one releasing drops of diluted soda at regular intervals to a space between two electrode blades the edges of which are in position on the tested material (Swedish and Swiss Standards). British Admiralty and American practice introduced an annular electrode with a second one inside it. The German V.D.E. submitted three alternatives, one of which is a version of the drop-releasing system, the second is an immersion method and the third treats the material with a steam stream and registers the time until short occurs. One of these methods should be adopted for a Standard in 1955. The weakness of liquid tests lies in the process being carried out at ambient temperatures inducing thermal stresses inferior to real ones. The steam test provides a better approximation to practice because of the presence of condensation and of larger insulating areas handled.

J. C. STARK

ROTH, V.

✓ 5391. THE TEMPERATURE RATING OF HIGH-VOLTAGE RESISTORS IN IMPULSE GENERATORS. V. Roth and J. Rath. Elektrotech. Obzor, Vol. 45, No. 6, 287-93 (1956). In Czech.

In order to avoid destructive overloading of impulse-generator resistors, the author, as a compromise, suggests designing these resistors for an equivalent continuous impulse operation. Approximate expressions for the effective values of current are tabulated in terms of the parameter of the components for four basic impulse-generator connections. These connections have equal wave shapes. Stray capacitances and arc resistances are neglected. The study is extended to include the Marx cascade connection. 3 examples and 6 references.

E. Erdelyi

4

pm
ay

RGTH, V.

Dimensions of high-voltage resistors in impulse generators with reference to temperature rises. p. 287. ELEKTROTECHNICKY OBZOR. (Ministerstvo strojirenstvi a Ministerstvo paliv a energetiky) Praha. Vol. 45, no. 6, June 1956.

SOURCES: EEAL - LC Vol15, No. 10 Oct. 1956

ROTH, Vilem

Czechoslovakia

(Scientific collaborator of High Tension Research Group at Research Institute for High Power Current, Prague)

Die Induktivitaet unifilar gewickelter Widerstandsspulen mit flachem rechteckigem Wiclungskern.

SO: Elektrotechnische Zeitschrift, 1 December 1955, Unclassified

ROTH, VLADIMIR.

Sondovací prace ve stavebnictvi. (Vyd.1.)

Praha, Czechoslovakia. Statni nakl. technicke literatury, 1959. 425 p.

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

Uncl.

Remarks on the article of W. A. Roth and H. L. Kaula "on the thermochemistry of sodium." *W. A. Roth, Z. anorg. Chem.* 255, 324(1948); cf. *C.A.* 43, 2082k. In correcting the heat of soln. of Na_2O for the heat of soln. of the Na_2O_2 impurity it was erroneously assumed that the O given off by the Na_2O_2 did not dissolve. Recalculation gives 55.97, 124.04, and 102.92 kcal./mol. For the heat of soln. of Na_2O and heats of formation of Na_2O_2 and Na_2O instead of 56.02, 124.84, and 102.87, resp. All data previously given for mixts. must be recalcd. K. C. R.

Bond free energies in organic compounds. V. B. Fal'kovskii. *Zhur. Obshchei Khim. (J. Gen. Chem.)* 18, 1630-42(1948).—Standard free energies ΔF° of bonds calcd. in 2 ways, from the standard heats of formation ΔH° , the standard entropies ΔS° , and the heat capacities, and directly from the linear equations of the ΔF° of the compds. or reactions, are identical. For a given bond, ΔF° differs in the lowest, middle, and higher homologs of a series; e.g., for the C—H bond in $\text{C}_n\text{H}_{2n+2}$, $\Delta F^\circ = -4.800 + 5.75 T$, and in the middle homologs $= -4.110 + 5.75 T$; for the C—OH bond in MeOH , $\Delta F^\circ = -34.720 + 17.15 T$, in $\text{EtOH} = -38.780 + 17.35 T$. This variation is due to a

variation in the ΔH° term, with the ΔS° term remaining unchanged in the homolog series. Calcd. values of $-\Delta F^\circ$ (in kcal.) in the ideal gaseous state for the stated bonds, for the middle homologs, at 298, 500, 700, 900°K., are: C—H, -2.4, -1.2, -0.1, +1.1; C—C, +6.4, +9.2, +11.9, +14.6; C=C, +22.0, +21.2, +19.6, +18.0; C—OH (primary alc.) -33.6, -30.1, -23.7, -23.2; C=O (aldehyde) -28.7, -28.0, -27.2, -26.5; C(:O)OH, -90.5, -87.2, -84.0, -80.8; C(:O)OC, -72.5, -67.7, -62.7, -57.9; C—O—C (ether) -17.4, -10.6, -3.8, +2.9; C—Cl, -6.0, -4.8, -3.6, -2.4; C—NH₂, +15.6, +22.0, +23.4, +34.7; C—NO₂, +8.1, +17.9, +27.7, +37.4. Deviation from mean values in bonds involving O, N, or halogen may attain =3 kcal. These data were used to calc. ΔF° for the reaction $\text{Me}_2\text{C}=\text{CHCO-Me} \rightleftharpoons \text{Me}_2\text{C}=\text{CH}_2 + \text{CH}_3\text{CO}$, $\Delta F^\circ = \Delta F^\circ_{\text{C=C}} - 2\Delta F^\circ_{\text{C-C}}$. The result, $\Delta F^\circ = +2.8$ and -4.2 kcal. at 500 and 700°K., resp., means that cracking of ketones to ketenes is thermodynamically possible above 200°, which is consistent

with the exptl. results of Kagan and Fal'kovskii (*C.A.* 41, 7376h) and of McAllister, *et al.* (*C.A.* 35, 78°).

N. Thou

PLATE 1: R 11, 1; 1-1-1961.

On the question of the retransform action of neomycin. *Physiol. Bioclimatol.* 1961, 6: 594-598. 161

1. Laboratory for Research on the Pathology, Therapy and Prevention of Infectious Diseases, Faculty of Paediatrics, Charles University, and Institute of Industrial Hygiene and Occupational Diseases, Prague.

RAKUSAN, K.; KORECKY, B.; ROTH, Z.; POUPA, O.

Development of the ventricular weight of the rat heart with special reference to the early phases of postnatal ontogenesis. *Physiol. Bohemoslov.* 12 no.6:518-525 '63.

1. Institute of Pathological Physiology, Faculty of Paediatrics, Charles University, Institute of Industrial Hygiene and Occupational Diseases, Department of Physiology and Pathophysiology of Metabolism, Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

(MYOCARDIUM) (GROWTH)

CZECHOSLOVAKIA

FISERWA-BERGEROVA, V.; ROTH, Z.; STASTNY, V.; PODLESAK, K.;
Institute of Hygiene of Work and Occupational Diseases, Manager
Prof. Doctor J. Teisinger, and Department of Hygiene of Work of
the Regional Public Health and Epidemiology Station at Usti nad
Labem, Manager Doctor V. Pekarok / Ustav hygieny prace a chorob
s povolani v Praze, reditel dr. J. Teisinger, Dr.Sc. a Oddeleni
hygieny prace KHLB v Usti nad Labem, vedouci dr. V. Pekarok /.

"Experiences in Visual Estimation of Cholinesterase Activity by
a Colorimetric Method in Sugar Beet and Hop Growing Areas."

Prague, Pracovni Lekarstvi, Vol 15, No 7, 1963, pp280-285

Abstract: Field study was made of colorimetric determination of
cholinesterase activity. Samples were taken from a finger and
from a vein; colorimetric method agreed with the electrometric
method results. Cholinesterase activity and its changes were
studied in 1360 farm hand subjects; 70% was a normal finding.
Only those who had this activity were allowed to work with or-
ganic phosphates; decrease in the activity due to such work
corresponded to the intensity of the work performed and to the
way of maintaining personal hygiene. When activity fell below
50% contact with phosphates had to be avoided for 2-4 months
before normal activity returned. 4 Fig., 4 Tables, 4 Western,
3 Czech references.

1/1

1011, . .

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXVI,
no 2, March 1961, pp 35-37.

Data: "Further Improvement of Methods Used in the Czechoslovak
Geology."

RYAZANOVA, V.S.; AYZENSHEYN, F.A.; ROTIN, L.Ya. (Moskva)

Urgent problems in patholanatomical service in a psychiatric hospital. Zhur. nerv. i psikh. 60 no. 12:1661-1664 '60.

(MIRA 14:4)

(PSYCHIATRY)

ROTENBERG, D.L., prof.

Influence of hemotransfusion on the respiratory properties of
blood in stomach cancer. Probl. gemat. i perel. krovi 4
no. 10:50-51 0 '59. (MIRA 13:8)

1. Iz kafedry obshchey khirurgii (zav. - prof. D.L. Rotenberg)
Stanislavskogo meditsinskogo instituta.
(BLOOD—TRANSFUSION) (STOMACH—CANCER)
(BLOOD—OXYGEN CONTENT)

ROTENBERG, D.L., prof.

Treatment of endarteritis by intravenous injection of an erythrocyte
mass. Vrach. delo no. 1:128-129 '61. (MIRA 14:4)

1. Kafedra obshchey khirurgii (zav. - prof. D.L. Rotenberg)
Stanislavskogo meditsinskogo instituta.
(ARTERIES—DISEASES) (ERYTHROCYTES)

PROCESSES AND PROPERTIES INDEX

8

CA

Geology of two Permocarboniferous copper ore deposits
in northeastern Bohemia (Kozinec near Jilemnice and
Horná Kalná near Vrchlabí). *Zd. Rozh. Slovák Sdt.
Geol. Ústavu Českoslov. Rep. 13, 270-302 (in English, 301-
2) (1946).*—Chalcocite fragments are preserved in gray
sandstone beds intercalated with normal red sandstone,
in which the Cu sulfide has been oxidized. It is suggested
that the gray beds formed at valley bottoms and the
ground-water level was high enough to prevent oxidation
of the sulfide. Michael Fleischer

METALLURGICAL LITERATURE CLASSIFICATION

A S S I L A	METALLURGICAL LITERATURE CLASSIFICATION	A S S I L A	METALLURGICAL LITERATURE CLASSIFICATION
WATERWAYS INDEX	WATERWAYS INDEX	WATERWAYS INDEX	WATERWAYS INDEX
GROUPS	GROUPS	GROUPS	GROUPS
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

C.C.
1957

²¹
Free Nitrogen Carbonization
Products

Geological occurrence of free nitrogen in firmy near
Prague. Alois Matějka and Zdeněk Růžk (State Geol.
Inst., Prague). *Průběh Stá. Geol. Ústavu Českoslov. Rep.*
25, 281-5, in French, 280(1950).—In a drilling in firmy
park, gas under excess pressure of about 1 atm. was found
at a depth 16.5 m. The gas contained N 95.0, CO, 3.2,
O 0.8, CO 0.8, unstd. hydrocarbons 0.2%, and no rare
gases. It probably originated from air trapped by in-
filtrating water, the O being removed by the oxidation of
pyrite or org. matter. H. Newcombe

e. a.
1951

Mineralogical and Petrological
chemistry
8

Dependence of the silica content on the alumina content in some igneous rocks and crystalline shales. Zdeněk Roth (State Geol. Inst., Prague). *Věstník Stá. Geol. Ústavu Českoslov. Rep.* 25, 241-7, in French, 251-6 (1950).—From analyses of 340 rocks, as given in the literature, plots of percentage of SiO₂ against percentage of Al₂O₃ were made. The points were found to lie on a line of neg. slope. If FeO was present in amts. greater than 1/10 of the Al₂O₃ content, or if the FeO + MgO content was more than 1/3 of the Al₂O₃ content, the points lay beneath the line. The presence of free Al₂O₃ caused the points to lie above the line. This relationship held for igneous rocks and cryst. shales regardless of acidity, petrographic or mineralogical nature, or origin.
H. Newcombe

C. A.
1951

Mineralogical and Geological
8

Occurrence of copper ore at Ladmovce in the carboniferous of the "Zemplin Island" in eastern Slovakia. Alois Matějka and Zdeněk Roth (State Geol. Inst., Prague). *Věstník Státního ústavu geologického ČSR*, 25, 287-9, in English, 201 (1950). - Pyrite, chalcopyrite, malachite, and more rarely azurite were found along with barite. Their geol. origin is considered. H. Newcombe

RCTH, Zdenek

The pelosiderite of the Moravosilesian Beskydy, their historical importance, geological occurrence, petrographical and chemical nature, and their origin. Zdenek Roth and Alois Matějka (Czech. Geol. Survey, Prague). *Geotechnica* No. 16, 1-111 (in English, 91-111) (1953). — Clay ironstones of high siderite content were mined from about 1770 to 1905. Chem. analyses of 34 samples show Fe 10.4-32.75, Mn 0.34-2.04, P 0.03-1.21, S 0.23-2.42%. Petrographic descriptions are given. Michael Fleischer

(3)

ROTH, Z.

Karst in the Yucatan Peninsula.

p. 165 (CESKOSLOVENSKI KRAS) Vol. 10, no. 4, 1957,
Praha, Czechoslovakia

SC: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

ROTH, Z.

The International Geological Congress in Mexico in 1956. p. 4.
(Vestnik, Vol. 32, no. 1, 1957. Praha, Czechoslovakia)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

ROTH, Z.

(occurrence of *Parapachydiscus neubergicus* V. Hauer and *Harites roemeri* Hohenegger reported by Hohenegger (1861) in the Istebnany strata of the Moravian-Silesian Beskids. p. 215.
(PRAGUE, Vol. 30, no. 3, 1957, Praha, Czechoslovakia,)

SO: Monthly List of East European Accessions (EEM) LC, Vol. 6, no. 12, December 1957. Incl.

NOTE, 2.

Carpathian Geologic Association; resumption of activities, changes in composition, statutes, and name.

p. 226 (Vestnik) Vol 32, no. 4, 1957. Praha, Czechoslovakia.

SO: Monthly Index of East European Accessions (EEAI) LC, Vol 7, no. 1, Jan 1958

ROTH, Z.

"The Mesozoic of the Himmene Mountains."

p. 323. (Česky Lid., Vol 10, No. 3, 1958, Prague, Czechoslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58

PELESKA, B.; Technicka spoluprace: BLAZEK, Z.; RABL, N.; SLADKOVA, E.;
Statisticke zpracovani: ROTH, Z. inz.

Theoretical principles of the electric defibrillation of the
heart through condenser discharge. Part 2. Cas. lek. Cesk.
105 no.1:19-30 7 Ja '66.

1. Vyzkumny ustav pro elektroniku a modelovani v lekarstvi
v Praze (reditel doc. dr. B. Peleska, DrSc.).

ROTH, Z.

GEOGRAPHY & GEOLOGY

PERIODICAL: VESTNIK. Vol. 33, no. 3, 1958

ROTH, Z. Geologic occurrence of petroleum and the petroleum industry in the United States during the years 1946-1955, p. 164.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, Feb 59, Unclass.

ROTH, Z.

Alois Matejka's sixtieth birthday; a biographic sketch and a bibliography of his works. p. 389

Prague. Ustredni ustav geologicky. VESTNIK. Praha, Czechoslovakia, Vol. 33, no. 6, 1958

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

ROTH, Z.

"The volcanic axis of Mexico"

Vestnik. Praha, Czechoslovakia. Vol. 34, no. 2, 1959.

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

ROTH, Z.

"Calculation of the original direction of the flow-casts on the surfaces of the lower layers"

Vestnik. Praha, Czechoslovakia. Vol. 34, no. 2, 1959.

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

FRIC, P.; KECLIK, M.; ANDRYSEK, O.; ROTH, Z.

Functional examination of the hepatobiliary system with I-131
labelled rose bengal in anicteric patients. III. Assessment of
changes in the passage of extrahepatic bile ducts and diffe-
rentiation of parenchymatous liver damage. Sborn. lek. 66 no.7:
212-220 JI'64

HANZLIKOVA, Eva, dr.; ROTH, Z., dr.

Review of the Cretaceous stratigraphy of the Flysch zone in West Carpathians. Geol. sbor. 14 no.1: 37-81 '63.

Lithofacies, biofacies, and sedimentary conditions in the Cretaceous beds of the Flysch zone in the Czechoslovak Carpathians. 83-108 . . .

1. Central Geological Institute, Prague 1, Hradcni 9.

ROTH, Zdenek

Problems of Flysch zone in the Czechoslovak Carpathian Mountains.
Geol prace 63:5-13 '62.

1. Ustredni ustav geologicky, Praha.

HANZLIKOVA, Eva, dr.; ROTH, Zdenek, dr.; GABRIELOVA, Nadeszda, promovany
geolog.

A note to the stratigraphy and occurrence of the Tertiary
autochthonous sediments of the Bohemian Massif in the sub-
stratum of the Moravia-Silesian Beskids. Geol. sbor. 14 no.1:
193-207 '63.

1. Central Geological Institute, Praha, 1, Hradebni 9.

ROTH, Zdenek; HANZLIKOVA, Eva; CICHA, Ivan

Bore holes in cretaceous and Paleogene layers between
Mnisi and Lichnov near Frenstat pod Radhostem.
Cas mineral geol 8 no.1:49-60 Ja '63.

FISEROVA-BERGEROVA, V.; PODLESAK, K.; ROTH, Z.

A rapid colorimetric method for the determination of the cholinesterase activity of the blood. Pracovni lek. 14 no.4:175-182 My '62.

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof.
MUDr. J. Teisinger, DrSc.
(CHOLINESTERASE blood) (COLORIMETRY)

FISEROVA-BERGEROVA, V.; ROTH, Z.; SIASTNY, V.; PODLESAK, K.

Experiences with the determination of cholinestase activity by the visual colorimetric method in set- and hop-growing areas. Prac. lek. 15 no.7:280-285 S '63.

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof. dr. J. Teisinger, DrSc. Oddeleni hygieny prace KHES v Usti n. Labem, vedouci dr. V. Pekarek.

(CHOLINESTERASE) (BLOOD) (COLORIMETRY)
(PHOSPHORUS POISONS, ORGANIC)
(AGRICULTURAL WORKERS DISEASES)

ROTH, Zdenek

Statistical data on Vera Fiserova-Bergerova's work, "Cholinesterase Activity following Repeated Applications of Small Doses of Parathion in Rats". Prac. lek. 14 no.2:93-95 Mr '62.

1. Ustav hygieny práce a chorob z povolani v Praze, prednosta prof. dr. J. Teisinger.

(PARATHION pharmacol) (CHOLINESTERASE blood)

ROTH, Z.

The use of range instead of standard deviation in the statistical evaluation of biological and particularly of microbiological assays.
J. hyg. epidem., Praha 5 no.4:431-438 '61.

1. Institute of Industrial Hygiene and Occupational Diseases, Prague.

(MICROBIOLOGY)

ZENISEK, A.; KRAL, J. A.; HAIS, I.M.; ROTH, Z.; SKRAMOVSKY, V.; KUTOVA, M.;
Technicka spoluprace M. Kyselova

Fractional composition of sweat produced by heat and strenous work.
III. Effect of previous baths. Cas.lek.cesk 100 no.6:170-175
10 F '61.

1. Ustav telovychovneho lekarstvi KU v Praze, prednosta prof. dr.
J. Kral. Vyzkumny ustav pro farmacii a biochemii, reditel inz. dr.
O. Nemecek. II. ustav lekarsky chemie KU v Praze, prednosta prof.
dr J. Sula. Vyzkumny ustav chorob revmatickych, prednosta prof.
dr. Fr. Lench.

(SWEAT chem) (BATH)

ROTH, Zdenek
SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Central Institute of Geology (Ustredni Ustav geologicky),

Source: Prague.
Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI,

Data: No 2, 1961, pp 307-309.
"Theses on the Explanation of the Geological Map 1:200.000,
Sheet Ostrava , M-34-XIX."

Coauthors:

ZEMAN, Jaroslav, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

JURKOVA, Alena, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

175

ROTH, Zdenek

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Central Institute of Geology (Ustredni Ustav geologicky),
Prague.

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI,
No 2, 1961, pp 307-309.

Data: "Theses on the Explanation of the Geological Map 1:200.000,
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JURKOVA, Alena, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

175

ROTH, Zdenek
SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Central Institute of Geology (Ustredni Ustav geologicky),
Prague.

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI,
No 2, 1961, pp 307-309.

Data: "Theses on the Explanation of the Geological Map 1:200.000,
Sheet Ostrava , M-34-XIX."

Coauthors:

ZEMAN, Jaroslav, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

JURKOVA, Alena, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

175

ROTH, Zdenek

ROTH, Zdenek, Given Names

Country: C

Academic Degrees:

Affiliation:

Source: Journal of the American Statistical Association, Vol. 61, No. 6, 61,
1961.

Data: "Second All-Slovak Republic Conference in Bratislava, 1961."

GPO 9814-3

ROTH, Zdenek

ROTH, Zdenek
SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

5
Affiliation: Central Institute of Geology (Ustredni Ustav geologicky),
Prague.

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXVI,
No 2, 1961, pp 307-309.

Date: "Theses on the Explanation of the Geological Map 1:200,000,
Sheet Ostrava, M-34-XIX."

Coauthors:

ZEMAN, Jaroslav, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

JUREKVA, Alena, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

HANZLIKOVA, Eva; ROTH, Zdenek

Discovery of *Calpionella alpina* Lorenz species in the Teschen limestone.
Vest ust geol 39 no.5:387-389 S 1964.

1. Central Geological Institute, Prague.

ROTH, Zdenek

Geological publications. Vest Ust geol 39 no.4:241-242 '64.

Structural division of Czechoslovakia. Ibid.:285-288

1. Central Geological Institute, Prague.

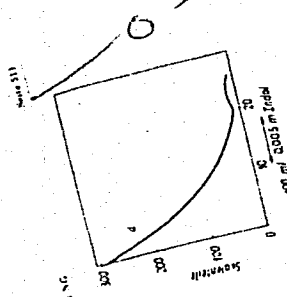
HORAKOVA, Z; HACH, V.; ROTH, Z.; MATOUSKOVA-SMOLKOVA, H.

Local anesthetic action and certain remote pharmacological properties of alkoxy derivative of xylocaine. Cesk. fysiол. 5 no.4:460-470 1956.

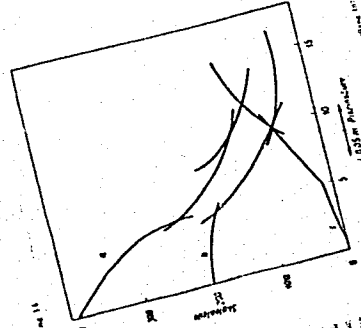
1. Vyzkumny ustav pro Farmacii a Biochemii, Praha.
(LIDOCAINE, related compounds,
alkoxy deriv., local anesth. & pharmacol. (Cz))

ROTH, Zdenek (Ing)

Pharmacy



ROTH, HEPATINUMINUNG



...Kontakte nach somit eine gute Einstellung ...
 ...Kontakte nach somit eine gute Einstellung ...

- 2. 87

... am 7. April 1929 ...
 ... am 7. April 1929 ...

Statistische Auswertung der Abtöndschreibung von Hepatin

... von 24 jahren ...
 ... von 24 jahren ...

Es wird ...
 Es wird ...

... die Gröszen ...
 ... die Gröszen ...

Seite 119

KATALYTIKALYSE VON P, P'-BIPHENYLEN

Trennung mäßig, daß sich die Kontrollzeit während des Versuches nicht ändert. In der Praxis sind die Differenzen zwischen den Kontrollen im Anfang und am Ende des Versuches nicht größer als 2-3%. Die Genauigkeit der Ergebnisse wird durch die Genauigkeit der Messung der Zeit, die während der Kontrolle mit dem Katalysator verbracht wird, bestimmt. Die relative Genauigkeit der Ergebnisse ist durch die Genauigkeit der Messung der Zeit, die während der Kontrolle mit dem Katalysator verbracht wird, bestimmt. Die relative Genauigkeit der Ergebnisse ist durch die Genauigkeit der Messung der Zeit, die während der Kontrolle mit dem Katalysator verbracht wird, bestimmt.

Das Diagramm zeigt die Abhängigkeit der Reaktionsgeschwindigkeit von der Konzentration des Katalysators. Die Kurve zeigt eine lineare Abhängigkeit, was auf eine Reaktion erster Ordnung hinweist. Die Steilheit der Kurve ist ein Maß für die Katalysatorkonstante.

- Literatur:
1. J. P. Collins, J. Chem. Phys., 11, 438 (1943)
 2. J. P. Collins, J. Chem. Phys., 11, 440 (1943)
 3. J. P. Collins, J. Chem. Phys., 11, 442 (1943)
 4. J. P. Collins, J. Chem. Phys., 11, 444 (1943)
 5. J. P. Collins, J. Chem. Phys., 11, 446 (1943)
 6. J. P. Collins, J. Chem. Phys., 11, 448 (1943)
 7. J. P. Collins, J. Chem. Phys., 11, 450 (1943)
 8. J. P. Collins, J. Chem. Phys., 11, 452 (1943)
 9. J. P. Collins, J. Chem. Phys., 11, 454 (1943)
 10. J. P. Collins, J. Chem. Phys., 11, 456 (1943)
 11. J. P. Collins, J. Chem. Phys., 11, 458 (1943)
 12. J. P. Collins, J. Chem. Phys., 11, 460 (1943)

Das Diagramm zeigt die Abhängigkeit der Reaktionsgeschwindigkeit von der Konzentration des Katalysators. Die Kurve zeigt eine lineare Abhängigkeit, was auf eine Reaktion erster Ordnung hinweist. Die Steilheit der Kurve ist ein Maß für die Katalysatorkonstante.

Zur Analytik einiger pharmazeutisch verwendeter Purinderivate

Von H. KALLER, *Angewandte Chemie*, 57, 107 (1945)

Die in dem einschlägigen Literaturbereich veröffentlichten Methoden zur Bestimmung der Konzentration von Purinderivaten in pharmazeutischen Präparaten sind im allgemeinen ungenügend genau. Die hier beschriebenen Methoden sind einfacher und genauer.

- Literatur:
1. H. Kaller, *Angewandte Chemie*, 57, 107 (1945)
 2. H. Kaller, *Angewandte Chemie*, 57, 108 (1945)
 3. H. Kaller, *Angewandte Chemie*, 57, 109 (1945)
 4. H. Kaller, *Angewandte Chemie*, 57, 110 (1945)
 5. H. Kaller, *Angewandte Chemie*, 57, 111 (1945)
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 7. H. Kaller, *Angewandte Chemie*, 57, 113 (1945)
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