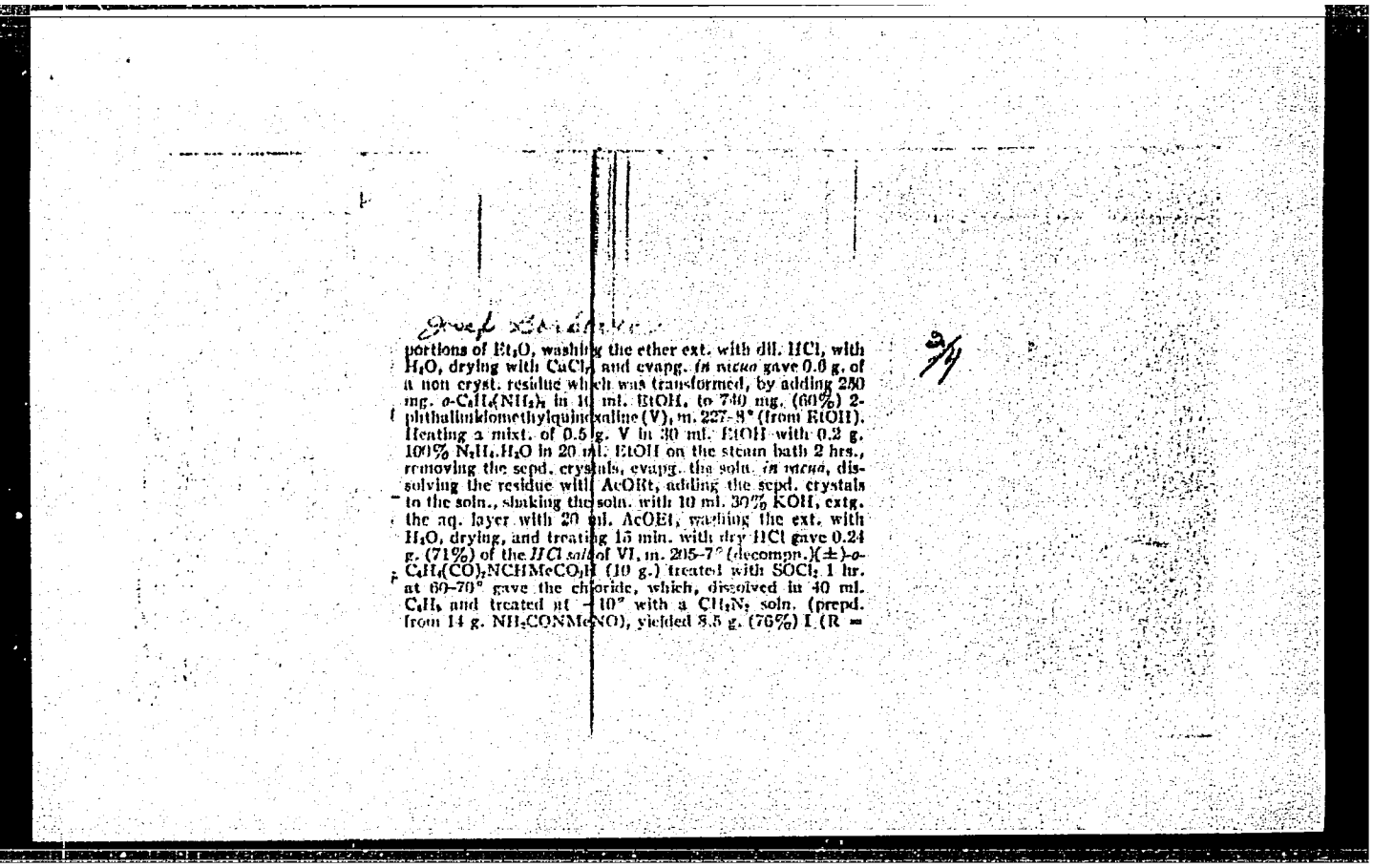
RABUSIC, EMIL

CZECH

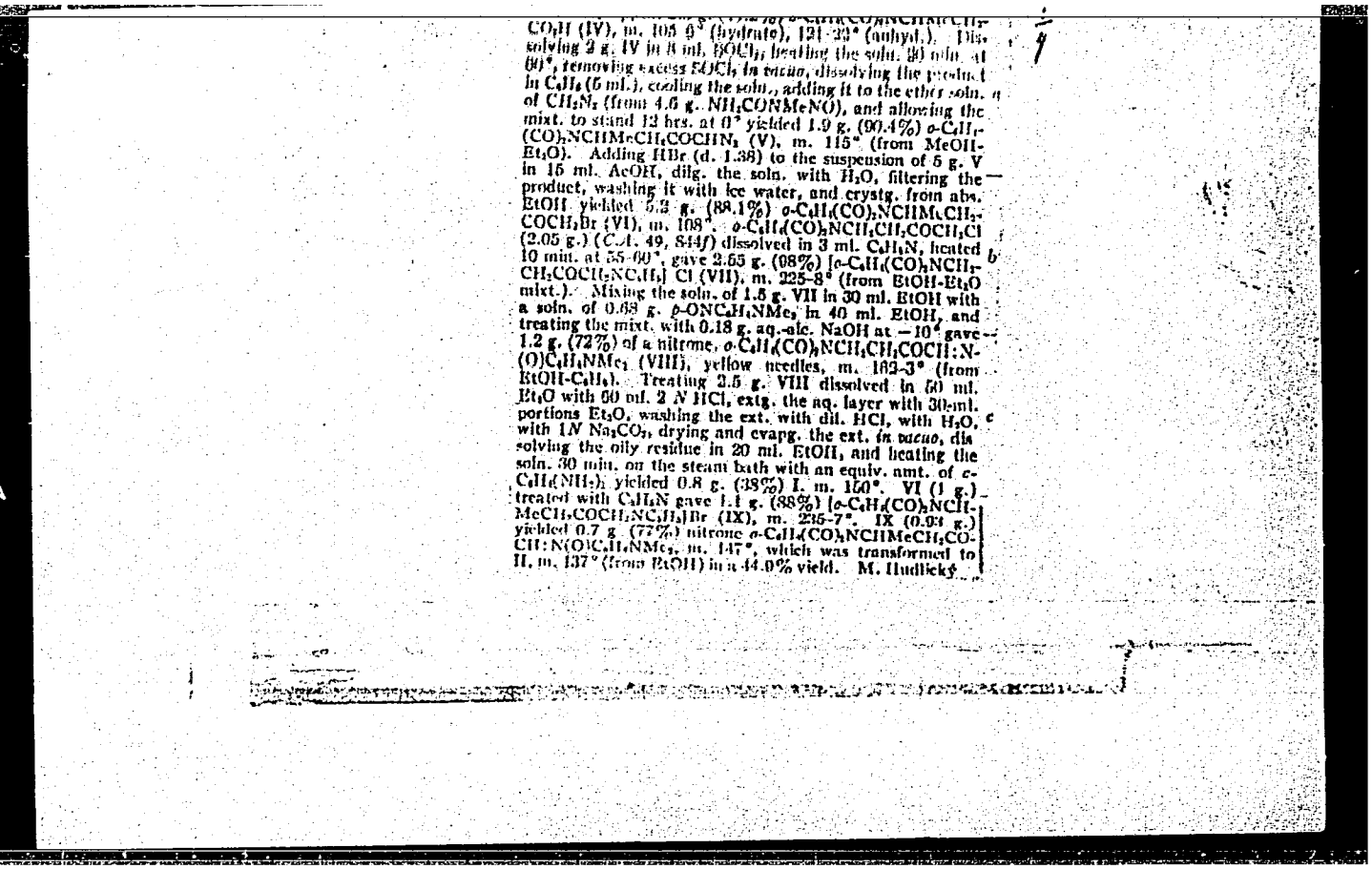
Aminoacylquinoxalines. I. Josef Borkovec, JH Michalský, Emil Rabšic, and Jaromír Hadaček (Masarykova Univ., Brno-Černá). *Chem. Listy* 48, 717-21(1954).—

2-Aminoalkylquinoxalines have been prepd. from *o*-C_6H_4(NH$_2$)(CO)$_2$NCHRCOCHN$_2$ (I). I (R = H, Ia) (0.4 g.) in 50 ml. Et$_2$O satd. with dry HCl gave 0.35 g. (84%) *o*-C_6H_4(CO)$_2$NCHRCOCH$_2$Cl (II) (R = H, IIa), m. 139-40° (from MeOH). Better yield (88%) was obtained by adding 37% aq. HCl to Ia in AcOH. IIa (1 g.) was dissolved in 10 ml. dry C_5H_5N, the soln. heated 15 min. on the steam-bath, the HCl salt sepd., washed with C_6H_6 to yield 1.4 g. (92%) *o*-C_6H_4(CO)$_2$NCHRCOCH$_2$NC$_5$H$_5$ (III) (R = H, IIIa), m. 133-40° (from EtOH) (1 mol. of EtOH of crystn.), and m. 195-202°. Treating a mixt. of 10 g. IIa in 70 ml. EtOH with 4.7 g. *p*-ONC$_6$H$_4$NMe$_2$ in 80 ml. EtOH, and, at −10°, with an alc. soln. of 1.4 g. KOH, allowing to stand 2 hrs., dilg. with 200 ml. H$_2$O, sepg. the crystals, washing them with H$_2$O and dil. EtOH, and crystg. the compd. from C_6H_6-EtOH 5:2 yielded 9.2 g. (98%) *o*-C_6H_4(CO)$_2$NCHRCOCH:N(O)C$_6$H$_4$NMe$_2$ (IV) (R = H, IVa), m. 202-4°. Suspending 1.5 g. nitrone IVa in Et$_2$O, shaking the suspension with 20 ml. 15% HCl until IVa dissolved, sepg. the ether layer, repeating the extn. with 5 40-ml.



portions of Et_2O, washing the ether ext. with dil. HCl, with H_2O, drying with $CaCl_2$, and evapg. *in vacuo* gave 0.6 g. of a non cryst. residue which was transformed, by adding 250 mg. *o*-$C_6H_4(NH_2)_2$ in 10 ml. BtOH, to 740 mg. (60%) 2-phthalimidomethylquinoxaline (V), m. 227–8° (from BtOH). Heating a mixt. of 0.5 g. V in 30 ml. EtOH with 0.2 g. 100% $N_2H_4.H_2O$ in 20 ml. EtOH on the steam bath 2 hrs., removing the sepd. crystals, evapg. the soln. *in vacuo*, dissolving the residue with AcOEt, adding the sepd. crystals to the soln., shaking the soln. with 10 ml. 30% KOH, extg. the aq. layer with 20 ml. AcOEt, washing the ext. with H_2O, drying, and treating 15 min. with dry HCl gave 0.24 g. (71%) of the *HCl salt* of VI, m. 205–7° (decompn.). (±)-*o*-$C_6H_4(CO)_2NCHMeCO_2H$ (10 g.) treated with $SOCl_2$ 1 hr. at 60–70° gave the chloride, which, dissolved in 40 ml. C_6H_6 and treated at −10° with a CH_2N_2 soln. (prepd. from 14 g. $NH_2CONMeNO$), yielded 8.5 g. (76%) I (R =

Me), m. 109-10° (from Et_2O). The following derivs. were prepd. in the same manner as their lower homologs: II (R = Me) (80%), m. 120-1° (from MeOH); III (R = Me) (83%), m. 123-5° (with 1 mol. EtOH); IV (R = Me) (51%), m. 168-60°; V (R = Me) (66%), m. 124-5° (from dil. EtOH); and VI (R = Me) (70%), m. 104-6° (from EtOH-Et_2O). II. Josef Borkovec, Jiří Michalský, and Miloš Ambrož. *Ibid.* 865-8.—By the method previously described, *2-(β-phthalimidoethyl)quinoxaline* (I) and *2-(β-phthalimidopropyl)quinoxaline* (II) were synthesized. *o*-$C_6H_4(CO)_2NCHMeCOCHN_2$ (10 g.) dissolved in 200 ml. MeOH and heated at 60-70° was treated with MeOH suspension of Ag_2O prepd. from 2 g. $AgNO_3$, the mixt. boiled shortly with C, filtered, the filtrate evapd. *in vacuo*, the residue dissolved in Et_2O, the soln. washed with H_2O, dried and evapd. to give 6 g. (54.3%) *o*-$C_6H_4(CO)_2NCHMeCH_2CO_2Me$ (III), m. 62-3°. The same product was obtained by esterification of the free acid (IV) (m. 121-2°) with CH_2N_2. Heating 6 g. III 3 hrs. at 60-5° with 40 ml. HBr (d. 1.38), filtering the soln., and dilg. the filtrate with



CO_2H (IV), m. 105° (hydrate), 121–3° (anhyd.). Dis. solving 2 g. IV in 8 ml. $SOCl_2$, heating the soln. 30 min. at 60°, removing excess $SOCl_2$ *in vacuo*, dissolving the product in C_6H_6 (5 ml.), cooling the soln., adding it to the ether soln. of CH_2N_2 (from 4.6 g. $NH_2CONMeNO$), and allowing the mixt. to stand 12 hrs. at 0° yielded 1.9 g. (90.4%) *o*-C_6H_4-$(CO)_2NCHMeCH_2COCHN_2$ (V), m. 115° (from MeOH-Et_2O). Adding HBr (d. 1.38) to the suspension of 5 g. V in 15 ml. AcOH, dilg. the soln. with H_2O, filtering the product, washing it with ice water, and crystg. from abs. EtOH yielded 5.3 g. (89.1%) *o*-$C_6H_4(CO)_2NCHMeCH_2$-$COCH_2Br$ (VI), m. 108°. *o*-$C_6H_4(CO)_2NCH_2CH_2COCH_2Cl$ (2.05 g.) (*C.A.* 49, 844*f*) dissolved in 3 ml. C_5H_5N, heated 10 min. at 55–60°, gave 2.55 g. (08%) [*o*-$C_6H_4(CO)_2NCH_2$-$CH_2COCH_2NC_5H_5$] Cl (VII), m. 225–8° (from EtOH-Et_2O mixt.). Mixing the soln. of 1.5 g. VII in 30 ml. EtOH with a soln. of 0.69 g. *p*-$ONC_6H_4NMe_2$ in 40 ml. EtOH, and treating the mixt. with 0.18 g. aq.-alc. NaOH at −10° gave 1.2 g. (72%) of a nitrone, *o*-$C_6H_4(CO)_2NCH_2CH_2COCH$:N-$(O)C_6H_4NMe_2$ (VIII), yellow needles, m. 189–3° (from EtOH-C_6H_6). Treating 2.5 g. VIII dissolved in 50 ml. Et_2O with 50 ml. 2 *N* HCl, extg. the aq. layer with 30-ml. portions Et_2O, washing the ext. with dil. HCl, with H_2O, with 1*N* Na_2CO_3, drying and evapg. the ext. *in vacuo*, dissolving the oily residue in 20 ml. EtOH, and heating the soln. 30 min. on the steam bath with an equiv. amt. of *o*-$C_6H_4(NH_2)_2$ yielded 0.8 g. (38%) I, m. 160°. VI (1 g.) treated with C_5H_5N gave 1.1 g. (88%) [*o*-$C_6H_4(CO)_2NCH$-$MeCH_2COCH_2NC_5H_5$]Br (IX), m. 225–7°. IX (0.93 g.) yielded 0.7 g. (77%) nitrone *o*-$C_6H_4(CO)_2NCHMeCH_2CO$-CH:$N(O)C_6H_4NMe_2$, m. 147°, which was transformed to II, m. 137° (from EtOH) in a 44.0% yield. M. Hudlický

RABUSIC, E.

G-2

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25202

Author : Hadacek, J., Rabusic, E., Panek, K.

Inst : Masaryk University.

Title : Studies of the Series of Bis-Formazyl and Bis-Tetrazole Compounds.

Orig Pub : Spisy vyd. prirodoved. fak. Masarykovy univ., 1956, No 7, 377-390

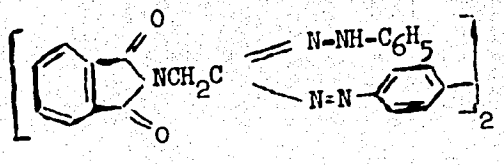
Abstract : Condensation, at above pH 9, of phenylhydrazone of alpha-phthalimido-acetaldehyde (I) with diazotized dianisidine (II) yields [3,3'-dimethoxy-diphenylene-4,4'-bis-[N-(N'-phenyl)-formazyl-phthalimido-methane] (III) which is readily oxidized, with bis-amylnitrite (IV) in CH_3COOH, to the diacetate of [3,3'-dimethoxy-diphenylene-(4,4')]-

Card 1/

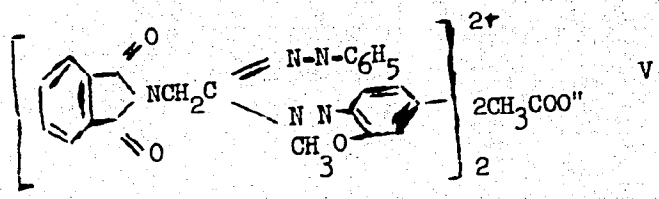
CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry.

Abs Jour : Ref Zhur - Khimiya; No 8, 1958, 25202

-bis-[3-(2-phenyl-5-phthalimidomethyl)-tetrazolium] (V).



III



V

In the same manner, from I, phenylhydrazone of beta-

Card 2/

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25202

-phthalimido-propionitrile (VI), II and diazotized o-tolidine (VII), other formazyls and tetrazolium salts were obtained. To a mixture of 0.01 mole I, 2 g CH_3COONa, 80 ml CH_3OH and 20 ml C_5H_5N, is added dropwise and at 0°, a solution of 0.005 mole II in 30 ml water and 1 ml concentrated H_2SO_4, which has been diazotized with 0.7 g $NaNO_2$. After 12 hours, filtered off 3.9 g III, MP 237-238° (from aqueous C_5H_5N). Solution of 0.7 g III and 7 ml IV in 70 ml glacial CH_3COOH, heated for several hours at 100°, after distilling off the CH_3COOH there are obtained 0.5 g V, MP 185-186° (from CH_3OH-ether). In the same manner as in the case of III there is obtained from VI and II the [3,3'-dimethoxy-diphenylene-(4,4')]-bis-[N-(N'-phenyl)-formazyl-beta-phtnalimido-ethane] (VIII), MP 197°; from I and VII is obtained [3,3'-dimethyl-diphenylene-(4,4')]-bis-

Card 3/

15

LEVSHUNOV, P.A.; RAKITA, N.I.; RABUTOVSKIY, V.B.; ANTONENKO, N.N.

Oil-bed sampler. Trudy VNIGNI no.11:211-218 '58. (MIRA 13:1)
(Geochemical prospecting--Equipment and supplies)

YUGOSLAVIA/Electricity - Semiconductors. G

Abs Jour : Ref Zhur Fizika, No 9, 1959, 20542

Author : Rabuzin, Tomo; Topic, Mladen

Inst : Institute "Rudjer Bostkovic" Zagreb, Yugoslavia

Title : Direct Reading Instrument for the Measurement of the Resistance of Semiconductors.

Orig Pub : Tehnika, 1958, 13, No 10, Elektrotehnika, 7, No 10, 159-160

Abstract : Description of an apparatus and of a circuit diagram for the measurement of the specific electric resistivity of semiconductors by the method of four probes. The measurements can be carried out with sufficient accuracy with specimens of irregular geometric shape in an interval of specific-resistivity values from 0.316 to 10,000 ohm-cm.

Card 1/1

KANTOROVICH, R.A.; BGANTSEVA, I.V.; ZHILOVA, G.P.; KUZNETSOVA, R.I.; OSTROVSKIY, G.D.; RABY, Ye.A.

Comparative study of the epidemiological effectiveness of the inoculation with live and killed poliovirus vaccines. (1959-1960). Trudy Len. inst. epid. i mikrobiol 26:70-82 '64. (MIRA 18:12)

1. Iz laboratorii poliomiyelita instituta imeni Pastera, otdela virusologii Instituta eksperimental'noy meditsiny AMN SSSR i sanitarno-epidemiologicheskikh stantsiy Pskovskoy, Novgorodskoy i Leningradskoy oblastey.

BOCHKOVA, A.K.; OSTROVSKIY, G.D.; RABY, Ye.A.; BGANTSEVA, I.V.

Study of the effectiveness of vaccination with live poliovirus vaccine in Pskov and Novgorod Provinces; epidemiological, immunological and virological data during 1961-1962. Trudy Len. inst. epid. i mikrobiol 26:96-110 '64.

(MIRA 18:12)

1. Iz Instituta epidemiologii i mikrobiologii imeni Pastera, Leningrad i iz Pskovskoy i Novgorodskoy oblastnykh sanitarno-epidemiologicheskikh stantsiy.

RABZI, G. S.

RABZI, G. S.: "Investigation of heat utilization in a canning factory and methods of rationalizing it". Odessa, 1955. Min Higher Education Ukrainian SSR. Odessa Polytechnic Inst. (Dissertations for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

RABZI, G.S.

Efficient utilization of juice vapors. Kons.i ov.prom. 17 no.12: 18-20 D '62. (MIRA 15:12)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.
(Canning industry—Equipment and supplies)

RABZI, G.S.

Utilization of juice vapor condensate in the canning industry. Izv.-vys.ucheb.zav.; pishch.tekh. no.1:132-133 '63. (MIRA 16:3)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti, kafedra teplotekhniki.
(Canning industry) (Feed water)

RABZI, G.S.

Characteristics of the work of vacuum three-unit evaporation systems. Kons.i ov. prom. 18 no.8:11-13 Ag '63. (MIRA 16:8)

1. Odesskiy tekhnologicheskiy institut pishchevoy i kholodil'noy promyshlennosti.

(Evaporating appliances)

RAC, Ivan (Buzulucka 3, Praha 6.)

Estimation of total free amino acids in blood by ninhydrin. Cas. lek. cesk. 98 no.4:120-123 23 Jan 59.

1. Katedra mikrobiologie Vojenske lekarske akademie J. Ev. P. v Hradci Kralove.

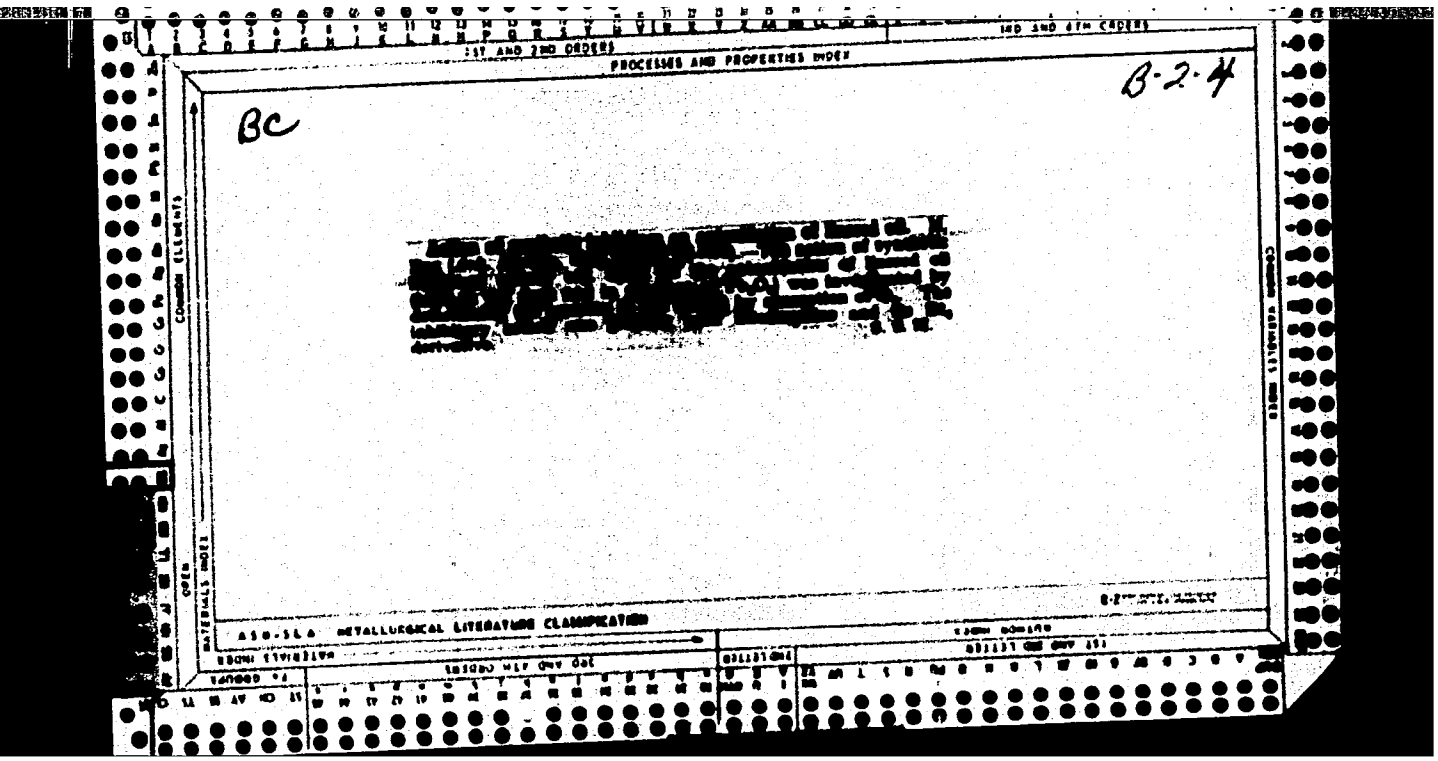
(AMINO ACIDS, in blood
determ., ninhydrin method (Cz))

SOLTES, Ladislav; RAC, Ivan

Cathepsin activity in the serum of children. Cesk. pediat. 16 no.6:535-538 Je '61.

1. Detske oddelenie OUNZ Lipt Mikulas, prednosta MUDr. V. Horansky a Vojenska nemocnica, Ruzomberok.

(PROTEASES blood)



RAC, MARIJAN

YUGO

The antioxidant properties of rosemary. Marijan Rac and Biserka Ostric (Tvornica ulja, Zagreb, Yugoslavia). *Kemija u Industriji* (Zagreb) 3, 301–6(1954).—The antioxidant properties of exts. of rosemary leaves as additives for edible oils and fats were investigated. A good ext. was obtained by successive extns. with MeOH, petr. ether (b.p. 60–95°), and ether. This ext., tested by the Oven procedure, proved better than propyl gallate and nearly as efficient as butyl hydroxyanisole and dihydronorguaiaretic acid.
N. Plavšić

RAC, M.

3

RAC, M.

The regeneration of rancid fats. Marijan Rac (Ölfabrik, Zagreb, Yugoslavia). *Seifen-Öle-Fette-Wachse* 80, 1311–4 (1954).—Rancid fats can be regenerated by treating with alkali and active clay and deodorizing *in vacuo* with steam at 180°. The refined fat is stabilized by addn. of 0.1% oats extd. with fat and 0.01% citric or, preferably, tartaric acid (10% aq. soln.). Marie E. W. Torok

RAC, M., KOVAC, B. (Beograd); ILIC, V.

Review of periodicals; industrial chemistry. Bul sc Zoug 9 no. 4/5:134-135 Ag-O '64.

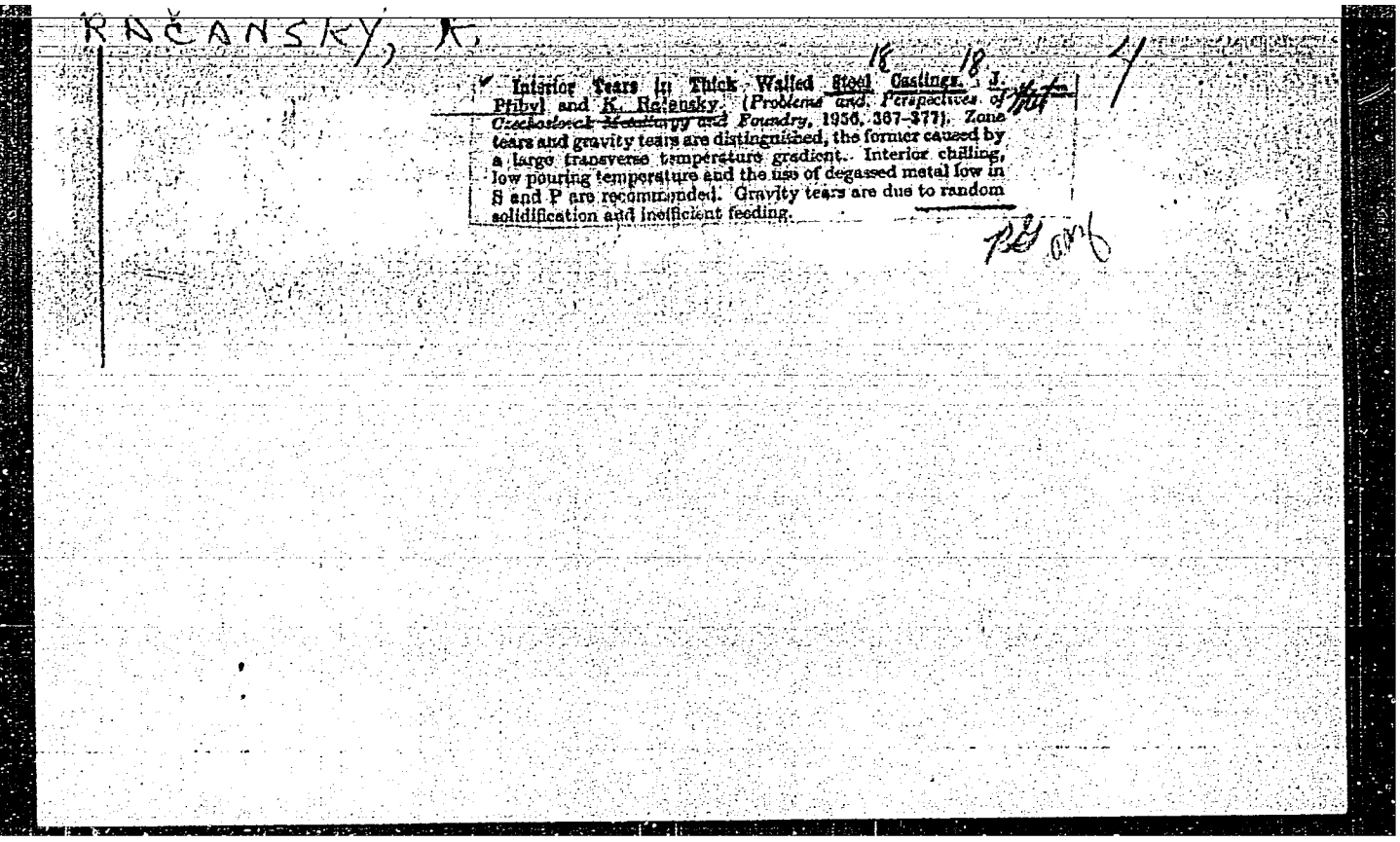
IANCU, A., prof.; IACOB, St., dr.; IANCU, A.T., jr., dr.; DIVIN, M., dr.; CHISU, A., dr.; RACASAN, A., dr.

EEG aspects of the hypoxia syndrome in children. Pediatria (Bucur) 14 no.1:1-5 Ja-F'65.

1. Lucrare efectuata in Clinica de pediatrie nr. 1, Institutul medico-farmaceutic, Cluj (Sef de sectie: prof. A. Iancu) si in Clinica de neurochirurgie, Cluj (Sef de sectie: dr. St. Iacob).

RACANSKY, F.

Orthopedic care of cripples in Czechoslovakia; its present state and tasks. Acta chir. orthop. traum. cech. 17 no.6:181-184 1950. (CLML 20:1)



RNČANSKÝ, K.

18 18 4

Interior Tears in Thick Walled Steel Castings. J. Přibyl and K. Rančanský. (*Problems and Perspectives of Czechoslovak Metallurgy and Foundry*, 1956, 367-371). Zone tears and gravity tears are distingnished, the former caused by a large transverse temperature gradient. Interior chilling, low pouring temperature and the use of degassed metal low in S and P are recommended. Gravity tears are due to random solidification and inefficient feeding.

RACEK, Frantisek

Our experience with angiopneumography in thromboembolic diseases and pulmonary tumors. Acta univ. carol. [Med] Suppl. 15:85-88 '61.

1. Klinika chorob vnitrnich lekarske fakulty University Karlovy se sidlem v Plzni, prednosta prof. MUDr. K. Bobek, a ustredni rtg. oddeleni Statni fakultni nemocnice v Plzni, prednosta doc. MUDr. F. Holik.
(PULMONARY EMBOLISM radiog) (LUNG NEOPLASMS radiog)
(ANGIOGRAPHY)

Racek, Frantisek

CANDOVA, Jirina BOBEK - continued CZECHOSLOVAKIA

MD

Same as above

Prague, Prakticky Lekar, No. 19, 1962, pp 817-820,820-826

"Contribution to Diagnostics of Benign Endocrinal Tumors", Part I and II.

OPATRNY, Karel, MD, same
RACEK, Frantisek, MD, same

2/2

RACEK, F.

1

X2

TOMŠÍ, František; RACEK, František

Czechoslovakia

Clinic for Internal Diseases (Klinika chorob vnitřních); Head: K. BOBEK, Prof. MUDr; General X-Ray Ward (Ústřední rtg oddělení); Head: Z. CHUDÁČEK, MUDr; State Faculty Hospital (Státní fakultní nemocnice -- Pilsen -- Plseň) - (for all)

Prague, Vnitřní lékařství, No IX-2, 1963, pp 117-122

"Differential Diagnosis Between Pulmonary Infarction and Bronchopneumonia."

RACEK, P.

"Material interest of employees in the forest economy."

p. 334 (Les) Vol. 12, no. 7/8, July/Aug. 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

KESZLER, H.; RACENBERG, E.; HONSOVA, H.; BREZINOVA, M.

Prevention and treatment of hypotension after intravenous administration of barbiturates. Cas. lek. cesk. 95 no.20: 540-543 18 May 56.

1. Ustav klinike a experimentalni chirurgie, Praha. Reditel doc. Dr. B. Spacek.
(BARBITURATES, eff.
hypotension after intravenous admin., prev. & ther. (Cz))
(HYPOTENSION, etiol. & pathogen.
barbiturates, intravenous admin., prev. & ther. (Cz))

RACENBERG, E.

V

Country : CZECHOSLOVAKIA
Category: Pharmacology. Toxicology. Tranquilizers.

Abs Jour: RZhBiol., No 6, 1959, No 27730

Author : Spacek, B.; Keszler, H.; Racenberg, E.
Inst : -
Title : On the Influence of Neuroplegic Agents on the Condition of Shock.

Orig Pub: Rozhl. chirurg., 1957, 36, No 4, 197-208

Abstract: No abstract.

Card : 1/1

RACENBERG, E.

SPACEK, B.;KESZLER, H.;RACENBERG, E.

Effect of ganglion-blocking drugs on shock. Rozhl. chir. 36 no.4:197-208 Apr 57.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc.
(SHOCK, ther.
autonomic drugs (Cz))
(AUTONOMIC DRUGS, ther. use
shock (Cz))

KESZLER, H.; RACENBERG, E.

Anesthesia in coronary sclerosis. Cas. lek. cesk. 97 no.8:267-269 21 Feb 58.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, reditel doc. B. Spacek.

(CORONARY DISEASE, surg.
anesth. in coronary sclerosis (Cz))
(ANESTHESIA
in coronary sclerosis surg. (Cz))

SMETANA, J.;RACKENBERG, B.;JUNA, S.;MARKALOUS, P.

Our experiences with cardiac resuscitation. Part 1. Roshl. chir. 38 no.12:805-811 D '59.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, reditel prof. dr. B. Spacek.
(HEART ARREST, exper.)
(RESUSCITATION)

JUNA, S.;MARKALOUS, P.;SMETANA, J.;RACENBERG, E.

Our experiences with cardiac resuscitation. Part 11. Rozhl. chir. 38 no.12:812-822 D '59

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, reditel prof. dr. B. Apacek.
(HEART ARREST, ther.)
(RESUSCITATION)

SMETANA, J.; RACENBERG, E.; JUNA, S.; MARKALOUS, P.

Resuscitation of the heart experimental study and clinical experience. I. Experimental part. Rev. Czech. med. 7 no.2:65-86 '61.

1. Institute for Clinical and Experimental Surgery, Prague-Krc. Director: Prof. B. Spacek, D.Sc.

(HEART ARREST) (RESUSCITATION)

KESZLER, H.; RACENBERG, E.; MARKALOUS, P.

Effect of deep anesthesia on the operative course in intrathoracic surgery. Rozhl.chir.40 no.2-3:120-124 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha, reditel prof.dr. B.Spacek.
(THORAX surg)
(ANESTHESIA)

RACHENBERG, E.; MARKALOUS, P.; KESZLER, H.

Testing some components of Gray's method of anesthesia. Cas.lek.cesk 100 no.13:409-411 31 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, prednosta prof. dr. B. Spacek.

(NITROUS OXIDE anesth & analgesia)
(THIOPENTAL anesth & analgesia)

SMETANA, J.; VOSMIK, J.; RACENBERG, E.; PAVLIK, F.

Cardiac resuscitation after asphyxic arrest in the dog. Rozhl. chir. 41 no.1:5-11 Ja '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. MUDr. B. Spacek, DrSc.
(ANOXIA exper) (APHYXIA exper) (RESUSCITATION)
(HEART ARREST exper)

PAUTLER, S.; RACENBERG, E. [redacted],

Clinical trials with Czechoslovakian KPT apparatus for artificial and controlled respiration. Rozhl. chir. 41 no.1:43-46 Ja '62.

1. Ustav klinike a experimentalni chirurgie, Praha - Krc, reditel prof. dr. B.Spacek, DrSc.
(RESPIRATORS)

RACENBERG, E.

Modified use of a simple Czechoslovakian device for lung-to-lung respiration -- the "T" tube. Rozhl. chir. 41 no.5:363-364 My '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, red.prof. dr B. Spacek.

(RESPIRATION ARTIFICIAL)

3

CZECHOSLOVAKIA

VOSMIK, J; FACHNBERG, E; SMETANA, J.

Institute of Clinical and Experimental Surgery (Ustav klinicke a experimentalni chirurgie), Prague-Kre (for all)

Brno, Vnitrni lekarstvi, No 5, 1963, pp 473-478

"Cardiac Massage Without Thoracotomy."

MALA, H.; RACENBERG, E.

Our experiences with the treatment of acute respiratory insufficiency. Rozhl. chir. 43 no.6:368-371 Je'64

1. Ustav klinicke a experimentalni chirurgie v Praze; reditel prof. dr. B.Spacek, DrSc.

BUDA, J.; RACENBERG, E.; VOSMIK, J.

Anesthesia in intrathoracic surgery of sheep. Rozhl. chir. 44 no.8:526-529 Ag '65.

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel prof. dr. B. Spacek, DrSc.).

RACEV, R.

GERM.

Improvement of the Kürschner and Hoffer cellulose determination by adding sulfuric acid to the usual reagent. Matija Kraičinović, Rašo Račev, and Franjo Paro. *Das Papier* 8, 483–4(1954); cf. Kürschner and H. *C.A.* 25, 5017.—The method was improved by adding 0.8 g. H_2SO_4 (d. 1.84) to 25 cc. of the original EtOH soln. contg. 5 cc. HNO_3. By heating a beechwood sample 1 hr. with this reagent and repeating the delignification once, all lignin was removed (in contrast to the original K.-H. technique which required 3 such treatments). The pentosan in the resulting cellulose was reduced very slightly. The modified reagent caused very little attack on purified cellulose (I) (99% of which was recovered after 2 such treatments and showed a carbonyl no. of only 0.11). I treated with the unmodified reagent yielded 96.5–97.8% cellulose having a carbonyl no. of 0.83–0.9. Louis E. Wise

~~Rach~~, Rach, Pavel

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application - Carbohydrates and Refinement. H-26

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9491

Author : Buresova Bozene, ~~Rach~~ Pavel

Inst : -

Title : Determination of Microflora In Molasses.

Orig Pub : Kvasny prumysl, 1957, 3, No 7, 152-155

Abstract : Description of operation procedure and results of microbiological study of Czechoslovak molasses (M) of 1955-1956 production. In 18 samples of M the total amount of organisms (in 1 g) determined on beef peptone agar was 6100-54000; on yeast agar with 4% saccharose were found 2500-3800 microbes. In 8 samples of M for yeast plants were found 800-7800 acid-producing bacteria (on malt agar with $CaCO_3$) and from 900 to 21500 (on agar with bromocresol purple). Specifically described are the

Card 1/2

22

H-26

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application - Carbohydrates and Refinement.

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9491

procedure technique and results of quantitative determination of M bacteria which reduce nitrates to nitrites.

Card 2/2

RACH, P

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 3. - Fermentation Industry. H

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62519.

Author : Bozena Buresova, Pavel Rach.
Inst : Not given.
Title : Selective Medium for Determination of Contaminating Microflora in Yeast Production.

Orig Pub: Kvasny prumysl, 1958, 4, No 3, 60 - 64.

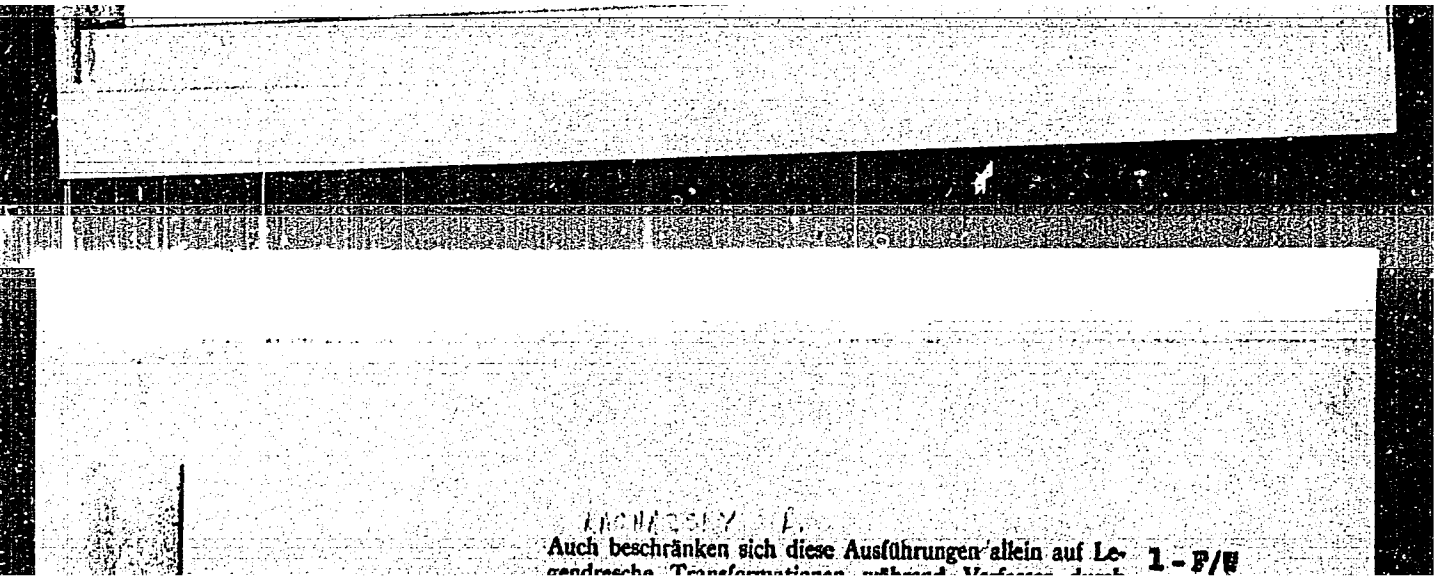
Abstract: A medium containing 6 g of succinic acid anhydride, 0.18 g of betaine chloride, 2.5 g of KH_2PO_4, 0.5 g of $MgSO_4.7H_2O$ and 100 ml of distilled water was used for the determination of the presence of Candida, Torulopsis, Hansenula, Pichia and Rhodotorula. The medium is sterilized 40 min, pH of the ready medium is 5.5. This medium inhibits the growth of Saccharomyces.

Card 1/1

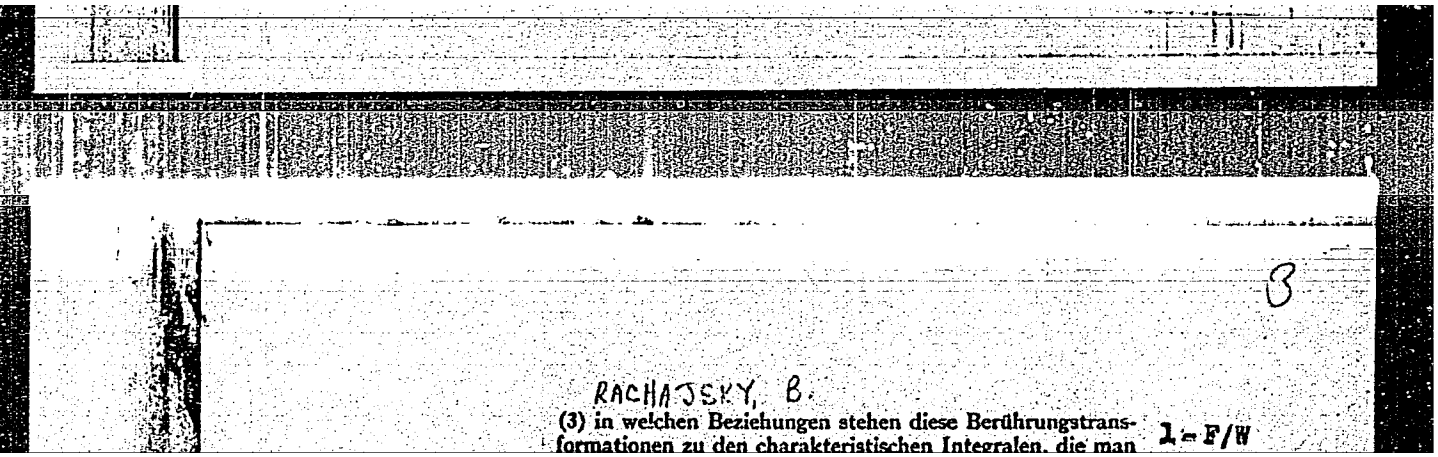
B. RACHAJSKY

"Characteristic Functions in the Geometric Theory of the Integration of Simple Equations With Partial Derivatives. p. 129" (BULLETIN.SCIENCES MATEMATIQUES Vol. 5, No. 1, 1952, Beograd, Yugoslavia.)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11 Nov. 1953, Uncl.



Auch beschränken sich diese Ausführungen allein auf Le- 1 - P/E



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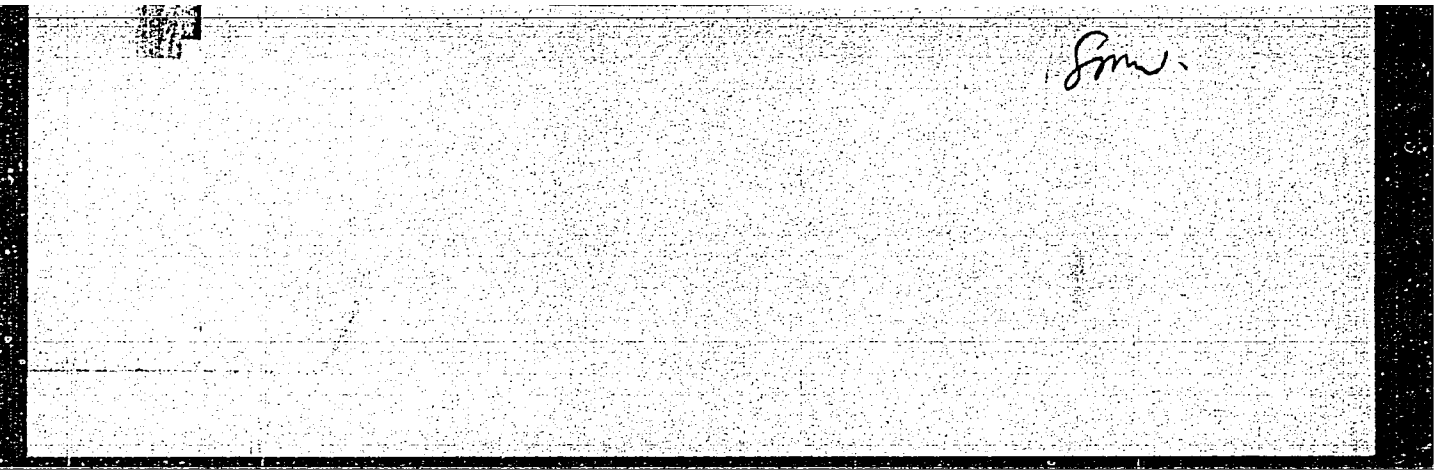
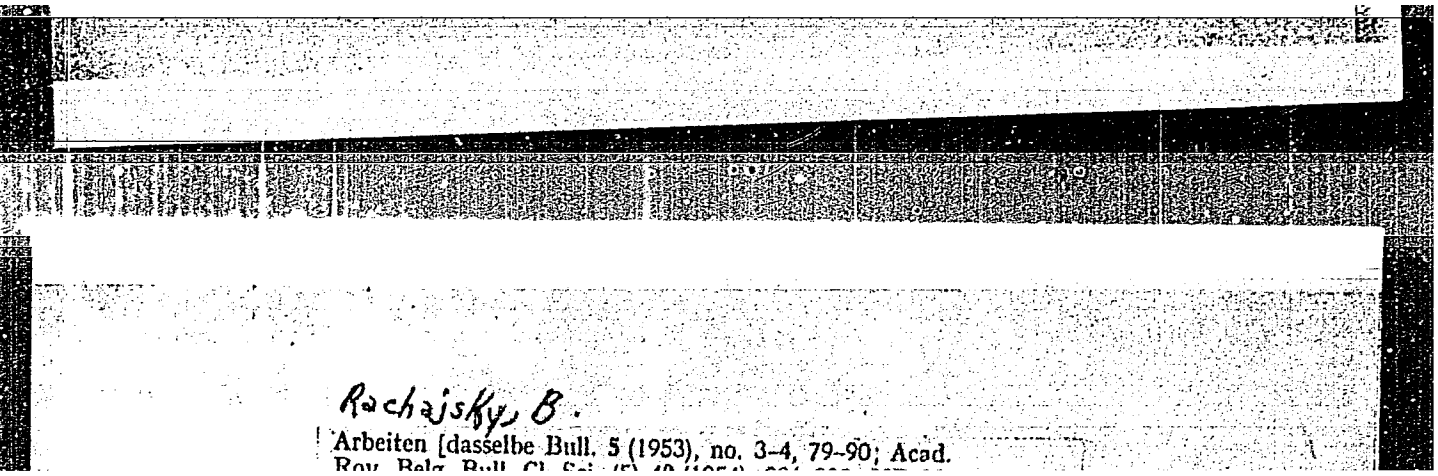
RACHAJSKY, B.

(3) in welchen Beziehungen stehen diese Berührungstransformationen zu den charakteristischen Integralen, die man

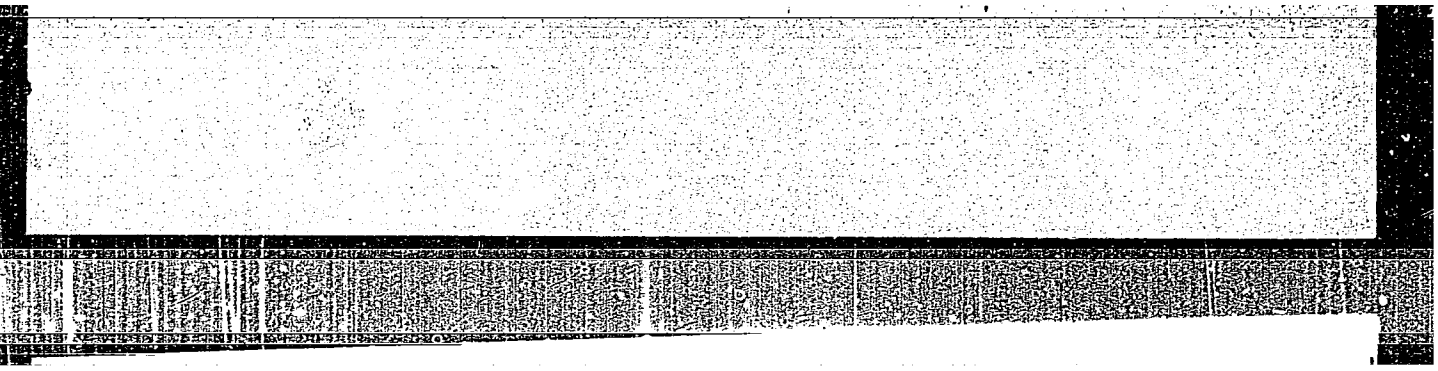
1 - F/W





Rachajsky, B.

Arbeiten [dasselbe Bull. 5 (1953), no. 3-4, 79-90; Acad.



RACHAJSKY, B.

On the Darboux involution of the third order. Publ Inst math SANU 1(15): 111-116 !61 [publ. '62]

1. Membre du Comite de redaction, "Publications de l'Institut mathematique".

RACHALSKI, A.

Polish Technical Abst.
No. 1 1954
Mechanics, Electrotechnics, Power

2609 (1) 621.87 : 621.8.031

Rachalski A. On a Certain Error in Construction which Caused a Crane to Collapse.

„O pewnym błędzie konstrukcyjnym, który spowodował katastrofę dźwigu". Przegląd Mechaniczny, No. 2, 1953, pp. 45—49, 1 fig.

If we apply a typical hoists on a crane, i.e. one driven by an electric motor, and having a movable non-disengageable device, then the mass forces produced by the hoist and acting on the construction of the crane are negligible and may be disregarded in approximate calculations. This refer, above all, to the mass forces at the time of braking. This explains the assertion, often met with in technical literature dealing with cranes, that hoist elements, with the exception of the motor shaft, need not be calculated as regards the starting and braking moments. To generalize this assertion to cover all types of hoists is a great mistake. It concerns, above all, connectable hoists in which, in lifting, the drum is geared to the remaining part of the mechanism but, in lowering, is disconnected and braked by a drum brake. The times of starting and braking, given in technical literature on cranes, as those occurring in lifting mechanisms, are approximate values, correct only for typical hoists. In other hoist systems those times may have entirely different values. The article contains: 1. The determination of the increase of the load and its distribution in various cases — a) for a typical hoist, b) for a special hoist applied on a crane which has collapsed. 2. The analysis of the causes of the fact that in the special hoist the increase of the load was several times greater than a similar increase in a typical hoist. 3. A discussion of the ways of avoiding excessive increase of dynamic load on individual elements of the movable system of the hoist: particular attention being paid to those elements the load of which is transferred to the construction of the crane.

RACHALSKI, Alfred, doc., mgr., inz.

The IVth Congress of Material Handling in Paris. Przegl mech 20 no.23:722-723 '61.

1. Politechnika Gdanska.

(Paris—Congresses and Conventions)
(Materials handling)

RACHALSKI, Alfred, doc., mgr., inz.

International exhibition of materials handling in Paris. Przegl mech 20 no.23:723-724 '61.

1. Politechnika Gdanska.

(Paris--Exhibitions)
(Materials handling)

RACHALSKI, Alfred, doc.

Harbor cranes manufactured by the Caillard Works in Le Havre, France. Przegl mech 21 no.19/20:635-639 25 O '62.

1. Politechnika, Gdansk.

RACHANSKI, Krzysztof

Course on the methods of teaching for lecturers of the Chief Technical Organization. Przegl techn 84 no.2:10 13 Ja '63.

RACHANSKI, Krzysztof

For the right place of factory schools. Przegl tech [84] no.8:5 24 F '63.

RACHEIV, DIMITUR N.

"Dvigatel za postoianen tok s vuzvratno vrushtatelno dvizhenie i reguliruem period na rotatsiiata. Stalin, Nauka i izkustvo, 1950. 12 p. (A motor for constant electric current with reverse motion and regulated rotation time)"

SO: East European, I. C. Vol. 2, No. 12, Dec. 1953

L 41559-65 EWT(m)/EWP(w)/EPF(n)-2/EWG(m)/EWA(d)/EPR/T/EWP(t)/EWP(b)/EWA(c)
ACCESSION NR: AT5008867 Ps-4/Pu-4 S/2601/64/000/020/0003/0024
IJP(c) JD/JG

42
39
B+1

AUTHOR: Mil'man, Yu. V.; Rachek, A. P.; Trefilov, V. I.

TITLE: Investigation of the mechanism of deformation and brittle failure of transition-metal alloys on a VI A-group base

SOURCE: AN UkrSSR. Institut metallofiziki. Sbornik nauchnykh trudov, no. 20, 1964. Voprosy fiziki metallov i metallovedeniya

(Problems in the physics of metals and physical metallurgy), 3-24

TOPIC TAGS: chromium alloy, iron containing alloy, tungsten alloy, rhenium containing alloy, nil ductility temperature, brittle failure mechanism, slip mechanism, twinning mechanism

ABSTRACT: The mechanism of the action of alloying elements on the cold brittleness temperature of alloys and the role of twinning in the observed decrease in the NDT temperature have been investigated in 99.988%-pure chromium and chromium alloys containing up to 53.2 at% Fe and in pure tungsten and tungsten alloys containing 10 and 25 at% Re. The temperature dependence of the yield strength of the alloys was determined by microhardness measurements at tem-

L 41559-65
ACCESSION NR: AT5008867

peratures ranging from -253 to +800C. The cold brittleness and the plastic deformation with slip and with twinning were investigated [illegible] the temperature of the beginning of

Card 2/3

L 41559-65

ACCESSION NR: AT5008867

ASSOCIATION: Institut metallofiziki AN UkrSSR (Institute of Metal Physics, AN UkrSSR)

SUBMITTED: 20Jan64 ENCL: 00 SUB CODE: MM

NO REF SOV: 019 OTHER: 059 ATD PRESS: 3234

Card 3/3 mel

L 24469-66 EWT(m)/ETC(f)/EPF(n)-2/EWG(m)/T/EWP(t) IJP(c) JD/JG/GS
ACC NR: AT6010572 (N) SOURCE CODE: UR/0000/65/000/000/0029/0041

AUTHOR: Mil'man, Yu. V.; Rachek, A. P.; Trefilov, V. I.; Udovenko, A. A.; Firstov, S. A.; Yaremchuk, V. V.

ORG: Institute of Physics of Metals AN UkrSSR (Institut metallofiziki AN UkrSSR)

TITLE: Mechanism of plastic deformation in alloys of transition metals

SOURCE: AN UkrSSR. Mekhanizm plasticheskoy deformatsii metallov (Mechanism of the plastic deformation of metals). Kiev, Naukova dumka, 1965, 29-41

TOPIC TAGS: plastic deformation, cast alloy, phase transition, twinning, material fracture

ABSTRACT: The paper is a continuation of a previous work (Mil'man, Yu. V., Trefilov, V. I., Rachek, A. P., "Problems in the Physics and Science of Metals, 20", *Naukova dumka*, Kiev, 1964) devoted to the mechanism of plastic deformation and brittle fracture of alloys of elements in group VIA with other transition metals. The following alloy systems are studied: Cr-Mn, Cr-Ru, Cr-Fe, Cr-Os, W-Re, Mo-Re, Nb-Re and Mo-Ti. The alloys were studied in the cast state and in some cases were subjected to heat

Card 1/2

L 24469-66 3
ACC NR: AT6010572

treatment. The relationship between the packing flaw energy and the electronic structure of the alloy is analyzed. It is shown that both transition and nontransition metals conform to the Seger rule on high energies for packing defects in metals. The twinning ≠ slipping transition in alloys of transition metals is studied. All alloys of elements in group VIA with metals in groups VIIA and VIIIA show a transition to twinning, while alloys with elements in group VIA (Mo-Ti alloys) show no twinning throughout the entire region of solid solutions with a bcc lattice under maximum loads. Experimental data show that alloying chromium, molybdenum and tungsten with metals of groups VIIA and VIII reduces the packing flaw energy and causes a transition to deformation by twinning (or to combined deformation by slipping and twinning). A brief survey of the literature shows no transition to twinning in alloys of group VIA with transition metals to the left of the chromium group in the periodic table. Orig. art. has: 8 figures.

SUB CODE: 11/ SUBM DATE: 14Nov64/ ORIG REF: 003/ OTH REF: 026

Refracting metals
27

Card 2/2 dda

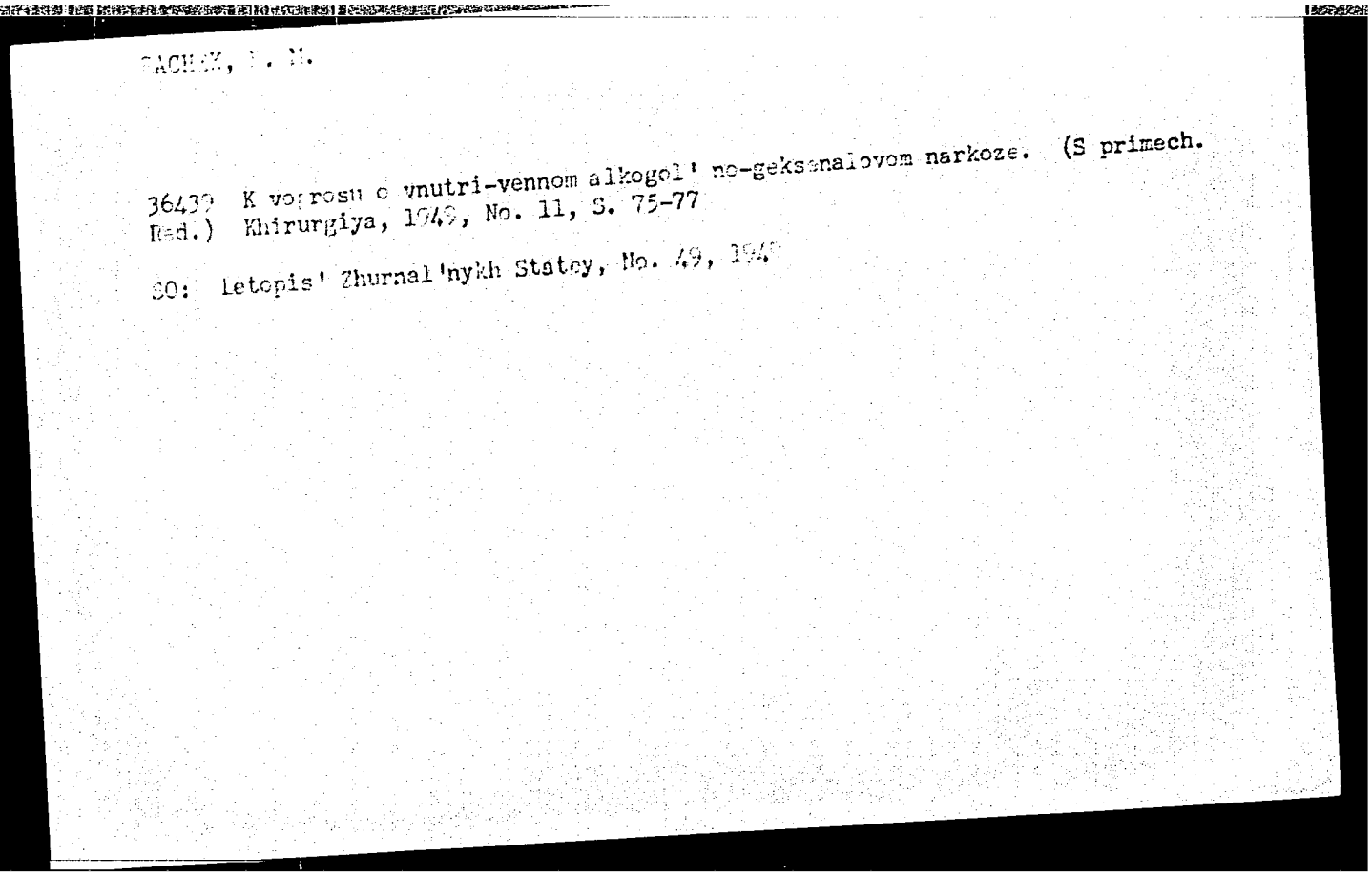
CHERNYAK, P.K.; RACHEK, I.M. (Kiyev)

Teaching the topic "Alternating current." Fiz. v shkole 14 no.6:50-59 N-D '54. (MLRA 7:12)
(Electric currents, Alternating)

RACHEK, I.M.

Homemade oscillograph with three mirrors. Fiz.v shkole 16 no.5: 66-68 S-O '56. (MLRA 9:11)

1. Institut pedagogiki, Kiyev.
(Oscillograph)



ZACHICK, I. N.

36439 K voprosu o vnutri-vennom alkogol' no-geksenalovom narkoze. (S primech. Red.) Khirurgiya, 1949, No. 11, S. 75-77

SO: Letopis' Zhurnal'nykh Statey, No. 49, 19

RACHEK, P.M.

Chronic appendicitis. Sbor.nauch.trud.Kiev.okruzh.voen.gosp. no.4:127-130 '62. (MIRA 16:5)

(APPENDICITIS)

RACHEK, P.M. (Kiyev, 87, ul.Yerevanskaya, d.25, kv.59)

Surgical treatment of pancreatic cysts. Klin.khir. no.8:76-78 Jl '62. (MIRA 15:11)

(PANCREATIC CYSTS)

V.P. RACHENKO, A D AZAT'YAN, B A GOVOROV, M.K. MYASNIKOV, L A LAMOVA, D I AGAFONOVA, YE A SURVIN and A I KABANOV

"Development of Recommendations on the Selection of Types of Electrovacuum Devices in Standard Circuits Used in Radio Engineering Apparatus and on the Procedure for Determination of Optimal and Limiting Allowable Operating Conditions for Some Types of Receiver-Amplifier Tubes in Mass Production Which Have Prospects for these Applications" from Annotations of Works Completed in 1955 at the State Union Sci. Res. Inst; Min. of Radio Engineering Ind.

So: B-3,080,964

SORVIN, Ye.; RACHENKO, V. (g. Fryazino, Moskovskoy oblasti).

Apparatus for measuring the filament voltage of high-voltage kenotrons. Radio no.1:44 Ja '58. (MIRA 11:1)
(Television--Apparatus and supplies)

AUTHORS: Govorov, B., Rachenko, V. SOV/107-58-10-47/55

TITLE: New Tubes for ~~Wide-Band~~ Amplification (Novyye lampy dlya shirokopolosnogo usileniya)

PERIODICAL: Radio, 1958, Nr 10, pp 54-57 (USSR)

ABSTRACT: At a meeting of the Nauchnoye obshchestvo imeni A.S. Popova (Scientific Society imeni A.S. Popov), dedicated to Radio Day, which took place in May of this year, S.G. Basistov, an engineer, gave a report on the results of the development of new types of space-charge grid receiving tubes (including low-power amplifiers) for wide-band amplification. He observed that the first of such tubes, e.g. the "Mikro-DS", appeared over thirty years ago, but were then forgotten. He said that tests of new types of space-charge grid tubes, and experience of their use in radio apparatus do not justify the disregard in which they are held. The article contains information on the design, working principles and circuit diagrams of these tubes, as well as a table giving its

Card 1/2

parameters, which shows that they have the best parameters of all types of tubes.
There are 4 circuit diagrams, 6 graphs, and 1 table.

PETROV, M., Prof.; WOEV, K.; DIMITROV, Iv.; DOICHINOVA, N.; RACHEV, D.; BAITADZHIEVA, M.

Phlebitis and embolism in surgery, Khirurgiia, Sofia 11 no.5-6:527-529 1958.

(PHLEBITIS, surgery,
(Bul))
(EMBOLISM, surgery,
(Bul))

RACHEV, D.; ATANASOV, T.

Possibilities of reducing the weifht of asynchronous electric motors with low power. p.11

TEZHKA PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofiia, Bulgaria.
Vol. 8, no. 8, Aug. 1959.

Monthly List of East European Accessions EEAI) LC, Vol. 9, No. 2, Feb. 1960.
UNCL

RACHEV, D.

Operating the Urozhai-B radio station with electricity from the electric light system. p. 31.

RADIO. Vol. 5, no. 2, 1956

Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

RACHEV, D.

Peculiarities of the work with ultra short waves. p. 32 RADIC. (Ministerstvo na poshtite, telegrafite, telefonite i radioto i Tsentralniia suvet na dobrovolnata organizatsiia za sudeistvie na otbranata) Sofiya. Vol. 5, No. 4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

RACHEV, D.

"Some shortcoming in the commerce with radio parts".

p. 11 (Radio I Televiziia) Vol. 6, no. 12, 1957
Sofiia, Bulgaria

SO: Monthly Index of East Europe Accessions (EEAI) LC. Vol. 7, no. 4, April, 1958.

RACHEV, D.

"Urozhai Radio Station with Y-10 type increased power."

p. 31 (Radio I Televiziia) Vol. 6, no. 12, 1957
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

RACHEV, D.

"Servotest EMG 1921 Signal Generator."

p. 32 (Radio I Televiziia, Vol. 7, No. 6, 1958, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11, Nov. 1958

RACHEV, Iv.; KIROV, K.

Case of successful electroshock therapy of psychosis in post encephalitis parkinsonism. Suvrem. med., Sofia 7 no.5: 89-93 1956.

1. Sluchai na uspeshno izlekuvane na psikhoza pri sledentsefaliten Parkinsonizum s elektroshok. Iz Psikho-nevrologichnata bolnitsa--gara Karlukovo.

(PARALYSIS AGITANS, complications,
psychosis in post encephalitis parkinsonism,
electroshock ther. (Bul))
(ENCEPHALITIS, complications,
paralysis agitans with psychosis, electroshock ther. (Bul))
(PSYCHOSIS, complications,
postencephalitis paralysis agitans, electroshock ther. (Bul))
(SHOCK THERAPY, ELECTRIC, in various diseases,
psychosis in postencephalitis paralysis agitans (Bul))

RACHEV, L.

PANAIOTOV, P., RACHEV, L.

Effect in vitro of certain sulfonamide and antibiotic preparations on the intestinal flora. Izv. mikrob. Inst., Sofia., Vol. 1, 1950. p. 75-88

1. (Docent L. Rachev--Director of the University Children's Clinic, Sofia; Dr. P. Panayotov--Senior Assistant at the Microbiological Institute of the Bulgarian Academy of Sciences).

CLML 19, 5, Nov., 1950

RACHEV, L., and others.

"Sleep Therapy for Rheumatic Children." p. 2,
(ZDRAVEN FRONT, No. 48, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

RACHEV, L.;STATEVA, S.

"Treatment and Prevention of Pneumonia in Young Children." p. 2,
(ZDRAVEN FRONT, No. 42, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

RACHEV, L., prof.; TODOROV, I.; STATEVA, St.; ANTOVA, V.

Certain biochemical indexes in infant toxicosis. Suvrem. med., Sofia 5 no.7:3-9 1954.

1. Iz Klinikata po detski bolesti pri Med. akademii V.Chervenkov, Sofiia (direktor: prof. L.Rachev)

(INFANT NUTRITION DISORDERS, toxicosis, metab. in)

RACHEV, L., prof.; STATEVA, St.; ANTOVA, V.; BOIADZHIEVA, G.

Treatment and prevention of infant toxicosis. Suvrem. med., Sofia 5 no.7:10-22 1954.

1. Iz Detskata klinika pri Med. akademiia V.Chervenkov, Sofiia (direktor: prof. L.Rachev)

(INFANT NUTRITION DISORDERS, toxicosis, prev. & ther.)

RACHEV, L., prof.; GIZOV, G.; IANEVA, T.; BASHEVA, L.

Sleep therapy in rheumatism in children. Suvrem. med., Sofia 5 no.7:23-33 1954.

1. Iz klinikata po detski bolesti pri Med. akademiia V.Chervenkov (Zav. katedrata prof. L.Rachev)

(RHEUMATISM, in infant and child, ther., sleep)
(SLEEP, therapeutic use, rheum. in child.)

RACHEV, L., prof.; KIROV, Iv.; STOIANOVA, L.; NINOVA, P.

Enuresis nocturna in children and its therapy. Suvrem.med., Sofia 5 no.11:3-10 1954.

1. Iz detskata klinika pri Med. akademiia V. Chervenkov - Sofiia (direktor: prof. L. Rachev)

(ENURESIS,
nocturnal, ther.)

RACHEV, L.; prof; GIZOV, G., BASHEVA, L., IANEVA, T.

Sleep therapy of rheumatism in children. Suvrem.med.,Sofia 6 no.5:17-32 1955.

1. Iz katedrata po detski bolesti pri Visshiia meditsinski institut V. Chervenkov-Sofiia (zav.katedrata: prof. L. Rachev)

(RHEUMATISM, in infant and child, sleep ther.)
(SLEEP, therapeutic use, rheum. in child.)

RACHEV, L. Prof.; STATEVA, St.; MARINOV, D.; STOIANOVA, L.; ANTOVA, V.

Diet therapy of acute diarrhea and in nutrition disorders in children. Suvrem. med., Sofia 7 no.8:55-63 1956.

1. Is Katedrata po detski bolesti pri VMI; Sofiia. (Zav. katedrata: prof. L. Rachev).

(DIETS, in various dis.
infant nutrition disorders)
(INFANT NUTRITION DISORDERS, ther.
diets)

RACHEV, L.; STATEVA, S.; POPOV, K.P.; ANTOVA, V.; DAMIANOVA, M.

Toxicity of biological products from infants afflicted with toxicosis. Suvrem.med., Sofia 7 no.11:3-11 1956.

1. Iz Katedrata po detski bolesti pri VMI-Sofiia (Zav. katedrata: prof. L. Rachev) i Katedrata po patologichna anatomiia (Zav. katedrata: prof. B. Kurdzhiev).

(INFANT NUTRITION DISORDERS,
tox. of blood & cerebrospinal fluid isolated from inf. & inject. in mice (Bul))

RACHEV, L. Prof.; GIZOV, T.; MARINOV, D.; STANEVA, L.; IANEVA, T.; IVANOVA, M., kand. na med. nauki; DAMIANOVA, M., kand. na med. nauki

Experiment with determination of conditioned reflex action in rheumatism in children prior and after sleep therapy. Suvrem. med., Sofia 7 no.11:23-34 1956.

1. Is Katedrata po detski bolesti pri VMI-Sofia (Zav. katedrata: prof. L. Rachev).

(SLEEP, therapeutic use,
rheum. in child., eff. on conditioned reflex action (Bul))
(RHEUMATISM, in infant and child,
sleep ther., eff. on conditioned reflex action (Bul))
(REFLEX, CONDITIONED,
eff. of sleep ther. in rheum. in child. (Bul))

RACHEV, Lyuben; STEFANOV, S.B. [translator]; TUR, Aleksandr Fedorovich, red.

[Toxicosis in young children] Toksikoz v rannem detskom vozraste. Izd.perer. i dop. v 1958 g. Moskva, Medgiz, 1959. 266 p. (MIRA 13:11)

(INFANTS--DISEASES)

RACHEV, L., prof.; STATEVA, S.; ANTOVA, V.; YESKENAZI, F.; NEYCHEV, S.

Staphylococcal pneumonias in infants. Pediatriia no.9:16-21 '61. (MIRA 14:8)

1. Iz kafedry detskikh bolezney (rukovoditel' - prof. L. Rachev) Instituta mikrobiologii (rukovoditel' - prof. S. Bymbarov) vysshego meditsinskogo instituta, Sofiya.
(STAPHYLOCOCCUS) (PNEUMONIA)

RACHEV, L., prof. (Sofiya)

Staphylococcal problem. Ped., akush. i gin. 23 no.4:29-33 '61.
(MIRA 17:1)

RACHEV, L., prof.; TODOROV, Y., dots.; STATEVA, St., doktor;
DANILEVSKAYA, N.[translator]; MIRONOV, S., doktor [translator];
IVANOVA, I., doktor [translator]; GRIGOR'YEVA, N., red.;
SLAVOV, Boyan, tekhn. red.

[Metabolism in children] Obmen veshchestv v detskom vozraste.
Sofia, Gos. izd-vo med. i fizkul'tura, 1962. 423 p.
(MIRA 16:2)

(METABOLISM) (CHILDREN--DISEASES)

RACHEV, L.

Bulgaria

No degree listed

No affiliation listed

Sofia, Pediatriya, supplement of Suvremenna Meditsina, No 2, 1962, pp 67-69.

"Report on the Work of the Scientific Section on Pediatrics in 1961"

Co-author:

CHOBANOVA, St.