lubrication, and cooling problems. The final part is devoted to the automatic control of small hydroelectric power plants and of faults occurring in them. The book is based on the lecture notes of the authors: Danihelka, Hrdý, Jurečka, Kunc, Píšl and Šťastny. These notes conform to the standard educational program of the Ministry of Fuels and Power Engineering, and outline the technical minimum for professional schools on hydroelectric power plants. In the text specialized publications and advice of the following persons were utilized: Jaroslav Čabelka, Doctor of Engineering; Jan Kieswetter, Doctor of Engineering; Ctirad Náhlovsky, Engineer; Miroslav Nechleba, Doctor of Engineering; Svatopluk Němeček, Engineer; and Ladislav Reiss, Engineer. The authors recommend the application of regulations in the operation of hydroelectric power stations, safety rules, regulations of the Elektrotechnický Svaz Československý (Czechoslovak Association of Electrical Engineers), and ČSN standards. There are 42 references, all Czech.

TABLE OF CONTENTS:

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AVAILABLE: Library of Congress [illegible]

Card 12/12

JP/bg
1-19-60

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HRDY, J.

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83rd birthday of Josef Cerny. p. 135.
MECHANISACE ZEMEDELSTVI, Praha, Vol. 5, no. 7, Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

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MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 5, No. 18, September 1955.

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HRDY, J.

"Fulfilling successfully the plan for mechanization of strenuous work in the animal industry."

MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 5, No. 20, October 1955.

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HRDY, J.

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HRDY, J.

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HRDY, J.

How to prevent a valve from falling in the cylinder. p. 11 (Mechanisace Zemedelstvi Vol. 6, no. 1, Jan. 1956 Praha)

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

HRDY, J.

HRDY, J. Activity of the group for stable mechanization in winter. p. 31.

Vol. 6, no. 2, Jan. 1956
MECHANISACE ZEMEKELSTVI
AGRICULTURE
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So: East European Accession, Vol. 6, No. 5, May 1957

HRDY, J.

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So: East European Accessions, Vol. 6, No. 3, March 1957

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So: East European Accession, Vol.6, No.5, May 1957

HRDY, J.

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So: East European Accession, Vol. 6, No. 5, May 1957

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Mechanization should be purposeful and economical in animal production. p. 352. (MECHANISACE ZEMEDELSTVI, Vol. 7, No. 15, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957, Uncl.

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Maintenance of machinery increases the efficiency of production.

p. 445. (Mechanesace Zemedlstvi. Vol. 7, No. 19, Oct. 1957, Praha, Czechoslovakia)

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HRDY, J.

Responsibility in handling milking machines.

p, 494 (MECHANISACE ZEMEDELSTVI) Vol. 7, no. 21, Nov. 1957, Praha, Czechoslovakia

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HRDY, J.

The SMK 150 barn cleaner. p.237

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HRDY M.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Applications - Fermentation Industries. H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37761

Author : Barta, J., Antony, K., Hrdy, M., Rosa, M.
Inst : -
Title : Elimination of the Scale from Evaporators of Alcohol-Molasses Plants.

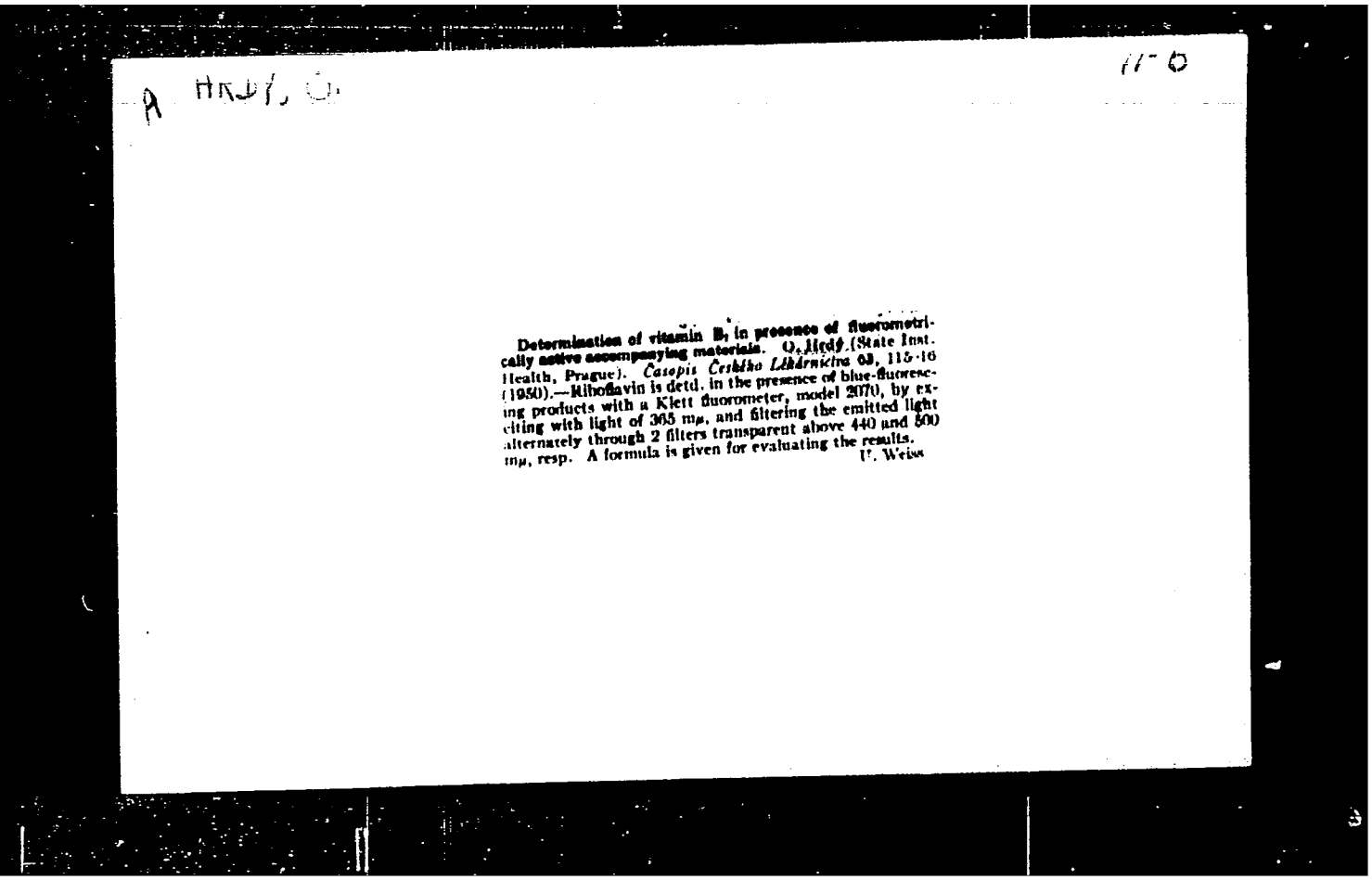
Orig Pub : Kvasny Prumysl, 1957, 3, No 10, 223-224

Abstract : Elimination of scale from evaporators of alcohol-molasses plants by boiling with 3.5% lactic acid (from spent or technical grade 30-50% acid) for 1-3 hours is recommended. If the scale adheres it is necessary to rub it off immediately, before it hardens upon drying.

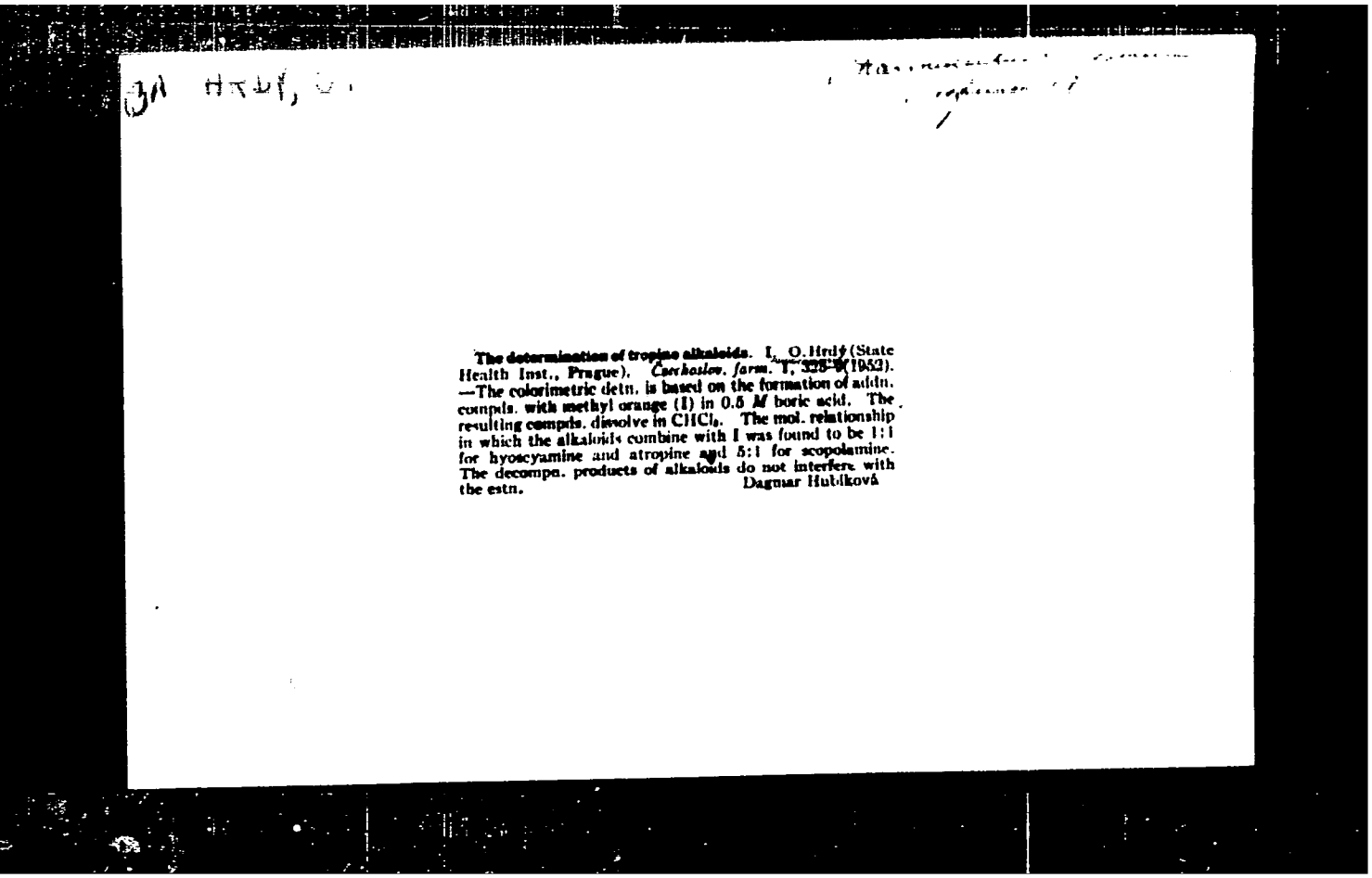
Card 1/1

CA HRDY, O.

Polarographic evaluation of pepsin. O. Hrdý (State Health Inst., Prague). *Chem. Listy* **44**, 109–11(1930).—The method for indirect detn. of pepsin is based on the polarographic reaction of S-contg. albumoses and peptones (produced by pepsin hydrolysis under standard conditions) with $[Co(NH_3)_6]Cl_3$. The unreacted protein was pptd. with sulfosalicylic acid prior to measurements. Accuracy is 5%, if blanks with the protein in the absence of pepsin are considered. M. Hudlický



Determination of vitamin B$_2$ in presence of fluorometrically active accompanying materials. O. Hejdů (State Inst. Health, Prague). *Časopis Českého Lékárnictva* **03**, 115-16 (1950).—Riboflavin is detd. in the presence of blue-fluorescing products with a Klett fluorometer, model 2070, by exciting with light of 365 mμ, and filtering the emitted light alternately through 2 filters transparent above 440 and 500 mμ, resp. A formula is given for evaluating the results. F. Weiss



The determination of tropine alkaloids. I. O. Hrdý (State Health Inst., Prague). *Čsl. farm.* 1, 325–8 (1952). —The colorimetric detn. is based on the formation of addn. compds. with methyl orange (I) in 0.5 *M* boric acid. The resulting compds. dissolve in $CHCl_3$. The mol. relationship in which the alkaloids combine with I was found to be 1:1 for hyoscyamine and atropine and 5:1 for scopolamine. The decompn. products of alkaloids do not interfere with the estn.

Dagmar Hubíková

HRDY, O.; JUNG, Z.

Polarographic determination of 1-hydrazinophthalazine and of 1,4-dihydrazinophthalazine. Cesk. farm. 3 no.6:194-196 Je '54.

1. Ze Statniho ustavu pro kontrolu leciv v Praze.
(SYMPATHOLYTICS, determination,
*hydralazine & 1,4-dihydrazinophthalazine, polarographic)
(POLAROGRAPHY,
*of hydralazine & 1,4-dihydrazinophthalazine)

HRDY, O.

Polarographic determination of tetrasodium salt of 2-methyl-1,4-naphthalenediol diphosphate (vitamin K). Cesk. farm. 3 no.6:196-199 Je '54.

1. Ze Statniho ustavu pro kontrolu leciv v Praze.
(VITAMIN K, derivatives,
*sodium menadiol diphosphate, determ., polarography)
(POLAROGRAPHY,
*of vitamin K sodium menadiol diphosphate)

HRDY, O.

Errors and precision in photometry. Cesk. farm. 4 no.5: 258-262 June 55.

(DRUGS, determination
photometry, errors & precision)

HRDY, O.; JUNG, Z.; SLOUF, A.

Identification, partition and determination of digitalis glycosides. 2. Partition and determination of single lanatosides and desacetyllanatosides in lanatoside ABC. Cesk. farm. 4 no.8:395-400 Oct 55.

1. Ze statniho ustavu pro kontrolu leciv.
(DIGITALIS, determination
single lanatosides & desacetyllanatosides in
lanatosides ABC.)

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Qualitative test and photometric determination of tetracaine. O. Hrdý and A. Šlouf (Stát. ústav kontrolu léčiv, Prague). *Českoslov. farm.* 5, 21-4(1956).—The qual. test for tetracaine (I) is based on the impossibility of diazotization unlike other local anaesthetics derived from *p*-aminobenzoic acid. For the photometric estn. of I, the butyl of the amino group is released by Br and the free amino group is diazotized. To 1 ml. of the sample contg. 50-300 γ I-HCl, add 1 ml. 0.1*N* HCl and 1 ml. 0.5% Br soln. and allow to stand for 15 min., add 1 ml. 0.5% $NaNO_2$ soln., 1 ml. 10% HCl, and, after 3 min., 1 ml. 1% ammonium sulfamate soln. After the bubble is finished, add 1 ml. 0.2% soln. of *N*-1-naphthylethylenediamine-HCl. Dil. the orange-red soln. to 25 ml. with *N* HCl and measure the color at 500 mμ by using a Pulfrich spectrophotometer. The presence of *p*-aminobenzoic acid or adrenaline does not interfere.

K. Macek

HRDY, O.

835. Photometric methods in the determination of pharmaceuticals. O. Hrdý (State Inst. [illegible] Control of Drugs, Prague, Czechoslovakia). Českosl. Farm. 1958, 7, [illegible] — A review with 151 references.

Behavior of some bromination derivatives of *p*-aminobenzoic acid after diazotization and coupling. O. Hrdý and A. Slouf (Staatl. Arzneimittel Kontrollinstitut, Prague). *Pharmazie* 11, 44-6(1956).—*p*-Butylaminobenzoic acid and its 2-dimethylaminoethyl ester (Tetracaine or Pantocaine) after dealkylation and bromination in 0.1*N* HCl with 0.5% Br soln. were diazotized and coupled with *N*-(1-naphthyl)ethylenediamine. Solns. of the azo compds gave the same spectral curves and extinction coeffs. as the corresponding derivs. of *p*-aminobenzoic acid and several of its esters commonly used as local anesthetics.

G. W. Hargreaves

H

CZECHOSLOVAKIA/Chemical Technology. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82719.

Author : Hrdy O., Urbanova L.
Inst :
Title : The Photometric Determination of Pyridoxine in Pharmaceutical Preparations.

Orig Pub: Ceskosl. farmac., 1957, 6, No 9, 510-514.

Abstract: The method is based on the reaction of pyridoxine (I) with diethyl-p-phenylene-diamine (II) in the presence of oxidizing agents with the formation of blue indophenol dyestuff not stable in aqueous solution. The dyestuff is stable in benzene and has λ maximum of 605 mμ. To the solution of I

Card : 1/3

CZECHOSLOVAKIA/Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics.

Abs Jour: Ref Zhur-Khim., No 24, 1958, 82719.

(10-200 micrograms) is added the phosphate buffer solution (pH 7), one ml of 0.1% solution of II and 10 ml benzene, one ml of 1% solution of ferricyanide K (III), and the dyestuff obtained is immediately extracted with benzene and the determination is carried out. The presence of other vitamin B complexes and compounds which are present with I (biotin, methionin, cholin, betain) does not interfere with the determination. Ascorbic acid and salicylic acid and phenol interfere with the determination. Ascorbic acid reduces III and the amount of the latter must be accordingly increased. Salicylic acid forms a green dyestuff which is partially soluble in benzene, and salicylic acid must be ex-

Card : 2/3

tracted from an acidified solution prior to the reaction. The phenol forms a violet dye which has λ of 580 millimicrons. From the measured extinction the extinction must be subtracted which was measured after the benzene solution has been shaken with a 5% boric acid solution. Thus it is possible to carry out the determination in the presence of a considerable excess of phenol.

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Organic Substances. E-3

Abs Jour : Ref Zhur - Khim., No 15, 1958, No 50065

Author : Hrdy, O.; Potrikova, H.
Inst : Not given
Title : Photometric Determination of m-Aminophenol in P-Aminosalicylic Acid.

Orig Pub : Coskosl. farmac., 1957, 6, No. 10, 587-589

Abstract : The method of determination of very small amounts of m-aminophenol (I) in p-aminosalicylic acid (II) is based on the reaction with diethyl-p-phenylenediamine (III) in the presence of $K_3Fe(CN)_6$ (IV). The dye produced of I, the structure of which probably is that of indamine, is soluble in benzene, while the dye of the indophenol type, produced of II, does not pass from alkaline solutions into benzene. The conclusions concerning the structure of

Card 1/2

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Organic Substances. E-3

Abs Jour : Ref Zhur - Khim., No 15, 1958, No 50065

those dyes were made based on the characteristic magnitudes of absorption maxima of their solutions in benzene and chloroform. To 5 ml. of the solution of Na salt of II containing 25-75 γ of I, 2 ml. of 0.2% solution of III sulfate, 2 ml. of 1 N NH_4OH, 10 ml. of benzene and 2 ml. of 2% solution of IV are added. After shaking the mixture for 20 sec., the benzene layer is separated, washed with the mixture of 3 ml. of water and 2 ml. of 1 N NH_4OH, dried on anhydrous Na_2SO_4 and photometered at 550 mμ. The content of I is computed using a calibrating curve. The error of the determination is plus/minus 3 γ of I. -- N. Turkevich.

Card 2/2

CZECHOSLOVAKIA / Physical Chemistry--Electrochemistry. B-12

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38011

Author : Hrdy, O.
Inst : Not given
Title : The Behavior of Folic Acid and the Products of Its Decomposition During Polarization.

Orig Pub : Chem. Listy, 52, No. 6, 1058-1064 (1958) (in Czech)

Abstract : Folic acid is reduced with the formation of a 2-electron wave which at pH 11 separates into two waves. At increased pH values the drop in the more positive wave follows the shape of the dissociation curve. The value of the recombination rate constant k hasbeen calculated as 4.3. 10^{13} liter mol^{-1} sec^{-1}. The presence of two more negative waves in acid solutions is ex-

Card 1/3

plained by the evolution of H_2 at the cathode. 2-amino-4-hydroxy-6-pteridine aldehyde is reduced with the formation of two waves. The first wave is accompanied at more negative E values by a second, concentration-independent wave, which the author ascribes to the adsorption of the oxidized form of the depolarizer. The height of both of the main waves likewise does not appear to be a linear function of the concentration of the pteridine aldehyde. The more positive wave is ascribed to the reduction of the pteridine nucleus and the more negative wave is ascribed to the reduction of 2-amino-4-hydroxy-pteridinecarboxylic acid produces one of the waves [sic], which is deformed in the pH

CZECHOSLOVAKIA / Physical Chemistry--Electrochemistry. B-12

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38011

range 11-12 as a result of recombination processes. The formation of pteridine alcohol has been studied and the possibility of the analysis of a mixture of folic acid with its decomposition products is discussed. -- P. Zuman

Card 3/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Medicinal Substances. Vitamins. Antibiotics. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20551

Author : Hrdy, O.
Inst :
Title : New Articles in the Czechoslovakian Pharmacopoeia 2.

Orig Pub : Ceskosl. farmac., 1957, 6, No 3, 172-182

Abstract : No abstract.

Card : 1/1

H-90

COUNTRY : Czechoslovakia B-12
CATEGORY :

ABS. JOUR. : RZKhim., No. 1959, No. 85513

AUTHOR : Hrdy, O.
INST. :
TITLE : Polarographic Behavior of Folic Acid and of Its Decomposition Products

ORIG. PUB. : Collect. Czechosl. Chem. Communs, 1959, 24, No 4, 1180-1187
ABSTRACT : See RZhKhim, 1959, No 11, 38011.

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Corticosteroids. I. Partition chromatography of some corticosteroids.
Cesk. farm. 11 no.4:185-187 '62.

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(ADRENAL CORTEX HORMONES chem) (CHROMATOGRAPHY)

HRDY, O.

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Cesk. farm. 11 no.4:192-196 '62.

1. Statni ustav pro kontrolu leciv, Praha.
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(CHEMISTRY ANALYTICAL)

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HRDY, O.

Corticosteroids. III. Determination of triamcinolone and some esters of corticosteroids. Cesk. farm. 11 no.5:255-259 Je '62.

1. Statni ustav pro kontrolu leciv, Praha.

(ADRENAL CORTEX HORMONES chem)

HRDY, O. CZECHOSLOVAKIA

no academic degree indicated

State Institute for Drug Control, (Staatliches Institut fur Arzneimittel-kontrolle), Prague

Prague, Collection of Czechoslovak Chemical Communications, vol 27, No 10, Oct 62, pp 2447-2449.

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GUTA, F; HRDY, O.

1. Technical Institute of Chemistry (Prague); State Institute of Drug Control (Prague)

Prague, Collection of Czechoslovak Chemical Communications, No 12, 1965, pp 3263-3270

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HRDY, O. , inz. dr.

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Stilbestrol dipropionate. Ibid.:43-44

Testosterone isobutyrate. Ibid.:44-45

Triamcinolone. Ibid.:47-48

1. Statni ustav pro kontrolu leciv.

HRDY, O.

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1. Statni ustav pro kontrolu leciv, Praha.

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HRDY, Vaclav

Calculation of the wage loss compensation for labor holidays to the workers in trade and public eating facilities. Prace mzda 11 no.6:294-295 Je '63.

HRDY, Vojtech, promovany geolog

Geologic use of electric logging interpretation in prospect boring in the Kladno-Rakovnik Basin. Geol Pruzkum 5 no.11: 339-340 N '63.

1. Geologicky pruzkum, n.p., Praha, zavod hlubokych vrtu, Tuchlovice.

HREAMATA, E., ing.; PLESCAN, Gh., ing.

Utilization of flax and hemp fibers in the manufacture of specially thin paper. Cel hirtie 11 no.12:409-413 D '61.

HREBACKA, J., inz.

Improvement of laboratory work in coal preparation research in the Belgian Inichar Institute. Paliva 43 no. 12: 372-374 D '63.

Country : CZECHOSLOVAKIA
Category : Chemical Technology. Chemical Processing of Solid Fossil Fuels
Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50992

Author : Hrebacka, J.
Institute : -
Title : Adsorption of Phenols from Ammonia-Containing Waters by Coal Charge Mixtures

Orig Pub. : Paliva, 1958, 38, No 2, 47-50

Abstract : Review of the capability of coal charge mixtures to adsorb phenols, contained in ammonia waters (AW) effluent from coke plants and laboratories. Commercial investigations revealed the possibility of utilization of AW in the flotation of coals. Presented are optimum conditions for the flotation. Commercial data indicate a possibility of lowering the consumption of flotation oils while phenol content in AW is simultaneously and substantially

Card: 1/2

H-112

HREBACKA, J., inz.

Purification of waste water from the Velkobana Handlova coal washing plant. Chaliva 44 no.12:361-363 D '64.

1. Scientific Coal Research Institute, Section Pokusne pradlo, Ostrava-Kuncicky.

HREBACKA, J., inz.

Use of chemical agents in coal preparation. Paliva 41 no.7:222-226 Jl '61.

1. Pokusne pradlo, Ostrava - Kuncicky.

HREBACKA, J., inz.

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1. Vedecko-vyzkumny uhelny ustav, Pokusne pradlo, Ostrava - Kuncicky.

HREBACKA, J., inz.

Experience with the nonphenolic flotation reagent Flotakol N in the dressing plants of the Ostrava-Karvina coal field. Paliva 43 no.6:162-169 Je '63.

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HRBEK, Jaromir, Prof. Dr; HRBEK, Jan, Dr

Motor analysor. Neur. & psychiat. cesk. 17 no.3:142-149 Je '54.

1. Neurologicka klinika PU v Olomouci, prednosta: prof. Dr Jaromir Hrbek Ustav experimentalni pathologie lekarske fakulty v Plzni, prednosta: Dr Jan Hrbek.
(CEREBRAL CORTEX, physiology,
*motor analysor

HRBEK, Jan

HREBEK, Jan, MUDr

Cerebral cortex as the complex of analysors. Neur. & psychiat. cesk. 17 no.3:149-155 Je '54.

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(CEREBRAL CORTEX, physiology,
*analysor funct.)

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SAVICEVIC, M., Lj. PETROVIC, U. MARTINIS, and M. MILJANOVIC, Labor Medicine Department (Odeljenje Medicine Rada), Public Health Institute of Serbia (Zavod za Zdravstvenu Zastitu)NR Srbije).

"Experimental Investigation of the Effect of Carbon Disulfide on Mice Exposed to Work Stations at the 'Viskoza' Factory."

Belgrade, Glasnik Zavoda za Zdravstvenu Zastitu NR Srbije, Vol 11, Nos 3-4, 1962, pp 51-58.

Abstract: /Authors' English summary modified/ Groups of mice (153 in all) were exposed to 8.5 to 200 gamma of carbon disulfide per liter of air 8 hours a day for 10 days. The control group numbered 40 mice. Subsequent microscopic study of liver, lungs, and brain tissue showed degeneration, peribronchial and subpleural extravasation, subependymal hemorrhage, and proliferation of the cerebral neurologia. Similar but milder changes were also noted in 1/1/the control group. No references.

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Epidural recording of electrical activity of the brain in a cat preparation in wakeful state. Activ. nerv. sup. 4 no.2:135-136 '62.

1. Laborator VNC lekarske fakulty Palackeho university v Olomouci, katedra patologicke fyziologie lekarske fakulty Palackeho university v Olomouci.

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Localization of cortical areas of analyzers in the cat. Activ. nerv. sup. 4 no.2:136-137 '62.

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Concomitant autonomic reactions during the process of training in laboratory language. I. Studies on thermal changes. Activ. nerv. sup. 4 no.2:152-154 '62.

(BODY TEMPERATURE physiol) (LEARNING) (LANGUAGE)

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Contribution to the problem of the cortical localization of the proprioceptive analyzer. Cas. lek. cesk. 101 no.36:1090-1096 7 S '62.

1. Ustav patologicke fyziologie lekarske fakulty PU v Olomouci, prednosta prof. dr. J. Hrbek.
(CEREBRAL CORTEX) (RECEPTORS NEURAL) (OCULOMOTOR MUSCLES)

HREBICEK, J.; KAMENICEK, O.; KOMENDA, S.; SCHROBER, B.

Evoked cortical responses in X-irradiated rats. Physiol. Bohemoslov. 14 no.1:70-78 '65

1. Institute of Pathological Physiology, Central Radiological Institute and Institute of Medical Physics, Palacky University, Olomouc.

CZECHOSLOVAKIA

HREBICEK, J.; Department of Pathological Physiology, Medical Faculty, Palacky University, Olomouc.

"Neurodynamics of the Bemegride-Induced Generalized EEG Paroxysm."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 190-193

Abstract: Results of 30 experiments with unanesthetized cats, immobilized with Remyolan and artificially ventilated are described. Paroxysm cycle was elicited by intravenous administration of Bemegride. The preparoxysmal phase, developed paroxysm, and postparoxysmal phase are discussed. Various functional structures participate in different ways in the stages of the development of the generalized paroxysm, and provide data for their functional-morphological characteristics. 2 Figures, 1 Table, no references. Submitted at the 4th Interdisciplinary Conf. of Exper. and Clin. Study of Higher Nerv. Functions at Mar. Lazne, 12-15 Oct 65. Article is in English.

1/1

L 29416-66

ACC NR: AP6019956 SOURCE CODE: CZ/0079/65/007/003/0243/0243

AUTHOR: Hrebicek, S.; Kumpel, O.; Sokol, I.; Topiar, A.; Grumlik, R.; Uhlir, F.

ORG: Psychiatric Hospital, Opava (Psychiatricka lecebna)

TITLE: Comparison of effects of classical and combined therapy in schizophrenia This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965

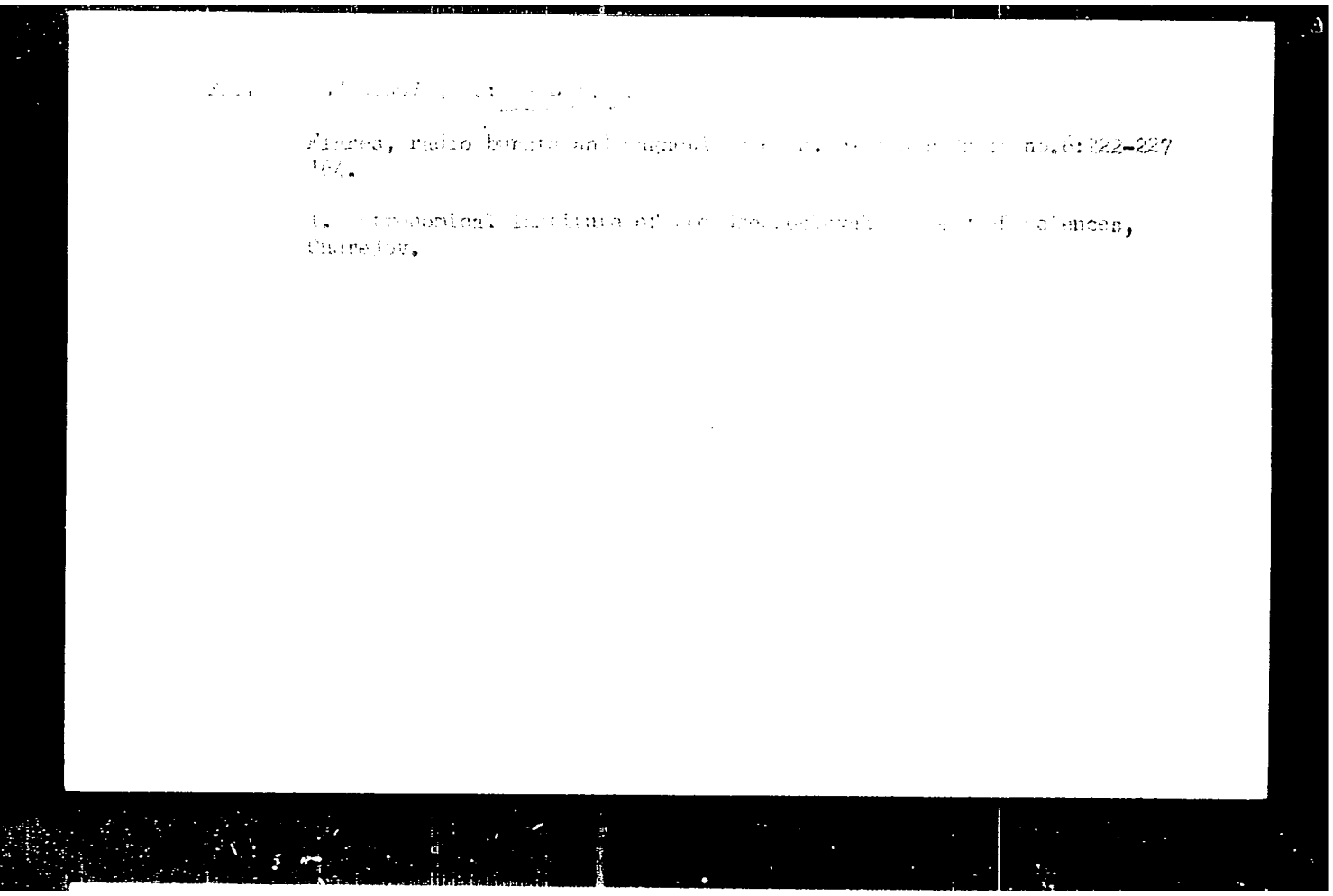
SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 243

TOPIC TAGS: therapeutics, psychoneurotic disorder, drug treatment

ABSTRACT: Pacification of the florid schizophrenic, his socialization, and his contact with the physician were investigated. 91 schizophrenic patients admitted to authors' hospital in 1954-1961 were studied. 39 patients received the classical convulsive treatment and 52 the combined treatment. 76 patients improved during the treatment and 15 did not change. Those who did not improve received the classical convulsion treatment. A significant difference in favor of the combined treatment including psychopharmacological treatment was noticed. An average of 29 days was needed to attain manageability using drugs, compared with 42 days with the shock treatment. For sociability the periods were 41 and 54, respectively, and for care of appearance 24 and 40. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06/ SUBM DATE: none

Card 1/1



HREBIK, F.; KVICALA, J.; KRIVSKY, L.; OLMR, J.

Observations of flares at the Ondrejov Observatory in the year 1962. Biul astr Cz 14 no.6:245-250 '63.

1. Astronomical Institute of the Czechoslovak Academy of Sciences, Ondrejov.

HREBIK, F.; VANYSEK, V.

"The Dependence of the Photometric Constant N of Comets on the Heliocentric Distance. In English." p. 65 (BIULLETEN ASTRONOMICHESKIKH INSTITUTOV CHEKHOSLOVAKII. BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA. VOL. 5, No. 4, July 1954; Praha, Czech.)

So: Monthly List of East European Accesseions, (EEAL), LC, VOL. 4, No. 4, April 1955, Uncl..

HREBIK, F.; ~~VOKALOVA, E.~~

SCIENCE

Periodicals: BIULLETEN ASTRONOMICHESKIKH INSTITUTOV CHEKHOSLOVAKII.
BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA.
Vol. 10, no. 2, Mar. 1959

HREBIK, F.; VOKALOVA, E. Radio signals from the artificial satellite.
In english. p. 43

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

S/035/62/000/006/028/064
A001/A101

3,1720

AUTHORS: Hřebík, F., Kvíčala, J., Křivský, L., Olmr, J.

TITLE: Observations of flares at the Ondřejov Observatory in the year 1960

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1962, 59-60 abstract 6A446 ("Byul. astron. in-tov Chekhoslovakii", 1961, v. 12, no. 5, 169-184, English; Russian summary)

/c

TEXT: This is the regular report on observations of flares at Ondřejov (Czechoslovakia). Data are presented on 309 flares and related bursts of solar radio emission at frequencies 808, 536 and 231 Mc, as well as on atmospherics at a frequency of 27 kc. Figures are given which show the curves of time variations of Hα line width. There are 18 references.

I. Zh.

[Abstracter's note: Complete translation]

Card 1/1

L 12770-63 EWT(1)/FCC(w)/BDS/EEC-2/ES(v) AFFTC/ESD-3 Pe-4/Pq-4 GW
S/169/63/000/004/001/017 68

AUTHOR: Hrebik, F., Kvicala, J., Krivsky, L.

TITLE: Observations of flares at the Ondrejov Observatory in 1961

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1963, abstract 4A71 (Biol. astron. in-tov Chekhoslovakii, v. 13, no. 5, 1962, 199-208; English, summary in Russian)

TEXT: Data are presented on 157 flares and radio bursts associated with them at frequencies of 9400, 808, 536, and 231 megacycles, also data on atmospherics at 27 kilocycles recorded in 1961; also there are curves of changes in the width of the H_α line plotted vs. time. Author's summary.

[Abstracter's note: Complete translation.]

Card 1/1

SOBRA, J.; SEDLAKOVA, E.; HREBIKOVA, A.

Congenital disorders of lipid metabolism. X. Familial hypercholesteremic xanthomatosis - detection of hyperproteinemia. Cas. lek. cesk. 102 no.25:699-700 21 Je '63.

1. III interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik J. Charvat Angiologicka laborator fakulty vseobecneho lekarstvi KU v Praze, reditel prof. dr. B. Prusik.

(XANTHOMATOSIS) (HYPERCHOLESTEREMIA)
(BLOOD PROTEIN DISORDERS)

CZECHOSLOVAKIA

SOBRA, J., SEDLAKOVA, E., and HREBINKOVA, A., Third Clinic of Internal Medicine (III. interni klinika), Faculty of General Medicine (Fakulty vseobecneho lekarstvi), Charle University, Prague, Academician J. CHARVAT, director; and Angiological Laboratory (Angiologicka laborator), Faculty of General Medicine, Charles University, Prague, Prof. Dr. B. PRUSIK, director [individual affiliations cannot be determined].

"Congenital Defects in the Lipid Metabolism. X. Familiar Hypercholesterol Xantomatosis. A Finding of Hyperproteinemia"

Prague, Casopis Lekaru Ceskych, Vol CII, No 25, 21 June 63, pp 699-700.

Abstract: Described is a test the purpose of which was to eliminate the interference of an increased level of blood lipides in the refractometric test. Serum nitrogen was determined by means of a microchemical method and a gradient cylinder was used to determine proteinemia, both operations being part of a refractometric determination. A table contains comparative data found in normal persons and patients suffering from familiar hypercholesterol xantomatosis. Sixteen references, including 13 Czech.

1/1

HREBCUT, Vaclav

Some urgent organization problems in the glass and ceramic industries. Sklar a keramik 13 no.5:124-125 My '63.

1. Ministerstvo spotrebniho prumyslu, Praha.

HREBOUT, Vaclav

Time analysis of the controlling activities of managers. Podnik organizace 17 no.2:61-64 F '63.

1. Ministerstvo spotrebniho prumyslu.

GINKO, Tadeusz; ADAMCZYK, Roman; SADLINSKI, Czeslaw; ORLOW, Tadeusz; HRUCZKOWA, Maciej

Homo- and heteroplasty of the aorta by means of experimental lyophilized grafts. Polski przegl.chir. 31 no.11:1169-1175 N '59.

1. Z II Kliniki Chirurgicznej Sl. A. M. w Zabrzu Kierownik: prof. dr J. Gasinski.
(AORTA transpl)

ADAMCZYK, Roman; CZOPIK, J.; GRZBIELA, J.; HRECZECHA, M.; GREGORCZYK, K.; MATULEWICZ, S.

Angiography of the coronary arteries. Pol. przegl. radiol. 29 no.4:401-407 Jl-Ag '65.

1. Z II Kliniki Chirurgicznej Slaskiej AM (Kierownik: prof. dr. J. Gasinski), z Zakladu Radiologii Slaskiej AM (Kierownik: doc. dr. med. B. Romanowski) i z Kliniki Chorob Wewnetrznych Slaskiej AM (Kierownik: prof. dr. med. J. Japa).

L 13246-66

ACC NR: AP6006045 SOURCE CODE: CZ/0053/65/014/004/0295/0295

AUTHOR: Hrdina, P.; Kovalcik, V.

ORG: Department of Pharmacology, Medical Faculty, Comenius University, Bratislava (Katedra farmakologie Lek. fak. UK)

TITLE: Role of adrenotropic substances in changes in the effectiveness of indirect anticoagulants [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 295

TOPIC TAGS: pharmacology, drug effect, nervous system drug, coagulation, blood

ABSTRACT: The effect of various drugs on ethyl dicoumarol acetate-reserpine, guanethidine, bretylium, alpha- and beta- adrenergic drugs and methyldopa. Diphasic effect of reserpine depended on duration of premedication with the latter; noradrenaline inhibited it. The hypoprothrombinemic effect of ethyl dicoumarol acetate increased when sympathicolysis was produced first. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001

Card 1/1

HRDÝ, O., dr. [illegible]

Reliability of determination of [illegible] acid. Cesk. farm. 14 no.7:359-361 S '65.

1. Statni ustav pro kontrolu leciv, Praha.

HREHUSS, B.

Statistical reporting of cotton spinning production. p. 402.

INDUSTRIA TEXTILA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Rominia si Ministerului Industriei Usoare) Bucuresti. Vol. 6, no. 11, Nov. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

HUNGARY/Nuclear Physics - Installations and Instruments. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7458

Author : Hrehuss G., Neszmelyi A., Simonyi K.
Inst : Polytechnic University, Budapest, Hungary
Title : A Fast Neutron Time-of-Flight Spectrometer

Orig Pub : Period. polytechn. Electr. Engng., 1958, 2, No 2, 131-140

Abstract : A description of a procedure and an experimental setup for the measurement of spectra of neutrons in the energy range from 0.8 to 14 Mev. The spectrometer is intended for the measurement of spectra of inelastic scattering of (DD) and (DT) neutrons by various nuclei. The experimental arrangement is similar essentially to that employed by Cranberg and Levin (Referat Zhur Fizika, 1957, No 4, 8792). Brief neutron pulses (2-3 millimicrons-seconds) were obtained by deflecting the deuteron beam, incident on the diaphragm, by means of a high frequency electric field (4-8 mc). Deuterons with energies of 200 kv, were obtained with a Cockroft-Walton

Card : 1/3

Abs Jour: Ref Zhur - Fizika, No 4, 1959, No 7458

generator. The pulsating current of the deuterons incident on the target amounted to approximately 1 microampere. With such a current, the yield of (DD) and(DT) neutrons amounted to 10^6 and 10^7 neutrons per second, respectively. The neutrons were detected with a scintillation counter. The measurement of the time-of-flight were made with a single-channel system, which registered the coincidences between the pulses corresponding to the deuteron pulses, shifted by a suitable phase, and the pulses from the scintillation counter. The resolving time of the coincidence circuit is 3×10^{-9} sec. The phase shift was realized by means of a broad-band scheme, that insured phase variation from 0 to 360^0. The coincidence-counting rate was measured as a function of the phase shift (time delay). The exclude registration of coincidences due to neutrons arising in the preceding deuteron pulse, the output was passed from the coincidence circuit through a system of "gates," the control of which was

HUNGARY/Nuclear Physics - Installations and Instruments. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7458

by means of the pulse from the last dynode of the photomultiplier. The pulse was amplified and after amplitude discrimination it was applied to the circuit. To check the operation of the spectrometer, the 14 Mev line of (DT) neutrons was plotted. -- B.A. Levin

HREHUSS, Gy

Spectrometer for fast-neutrons. Gyula Hrehuss, András Neszmélyi, and Károly Simonyi (Központi Fiz. Kutató, Budapest, Hung.). *Magyar Tudományos Akad. Központi Fiz. Kutató Intézetének Közleményei* 6, 23-35(1958).—A spectrometer for fast-neutrons was constructed which measures the time of flight of neutrons and is applicable in the 0.8-14-m.e.v. range. The fast-neutron bundles were prepd. by the chopped deuteron beam of a 200-kv. cascade generator. The signals of the neutron detector (plastic scintillator) were analyzed by a single time-channel system. The neutron impulses were in the range of 1-3 millimicrosec. and the resolving power of the whole system was 5 millimicrosec. A. W. Zalay

HREHUSS, Gyula

Spectral mass discrimination by CsJ/Tl crystal. Koz fiz kozl MTA 8 no.2/3:107-113 '60. (EEAI 10:4)

1. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete, Magfizikai Laboratorium, I.
(Cesium iodide) (Thallium) (Photons)
(Particles) (Scintillation counters)

SALAGEAN, T.; HREIESCU, M.; STOIANOVICI, P.

Some considerations on protection substances in ceramic flux.
Studii tehn Timisoara 7 no.3/4:287-296 Jl-D '60.

STOIANOVICI, P.; SALAGEAN, T.; HRELESCU, M.

Installations for the automatic beading of the used bandages in tramway wheels. Studii tehn Timisoara 9 no.1/2:163-170 Ja-Je '62.

HRELESCU, Mircea; POPOVICI, David; BAL, Frideric

Alloying mild steel with chromium and manganese in automatic build-up welding with band electrodes. Constr mas 16 no. 2: 77-80 F '64.

HRELESCU, Mircea, ing.; POPOVICI, David, ing.

Cutting metals at the temperature of stars. St si Teh Buc 16 no. 5: 34-35 May '64.

S/137/62/000/011/036/045
A006/A101

AUTHORS: Salagean, Traian, Hrelescu, Mircea, Stoianovici, Petre

TITLE: Alloying soft steels with chromium and manganese in an electric arc

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 11, 1962, 7, abstract 11E42 ("Zváranie", 1962, v. 11, no. 5, 139 - 141, Slovak.; summaries in Russian, German and English)

TEXT: The authors present results of research work conducted in the welding department of the Laboratory of technical materials at the Technical Institute in Timishoar (RNR). The process of alloying built-up metal in arc hardfacing of low carbon steels was studied. In manual welding the alloying elements were added to the coating, and in automatic welding to the ceramic fluxes. Alloying with two elements, Cr and Mn, is discussed. The Mn content in the built-up metal varied within a range of 0.7 - 16.5%. At a Mn content as high as 2 - 2.5%, martensite appears; at 3.1 - 3.2% the structure becomes entirely martensitic and at 3.5 - 4.0% austenite appears and cracks are forming. Hardness of the built-up metal with variable Mn content is highest at 3.1 - 3.2%. The Cr

Card 1/2