

Dry borehole logging

S/169/63/000/002/125/127  
D263/D307

stracter's note: PS and VP probably refer to intrinsic potential  
and induced polarization respectively. [Abstracter's note: Com-  
plete translation.]

Card 2/2

NECHVILE, Jiri, RMDr.

Nomogram for determining roots of quadratic equations. Sdel  
tech ll no.3:120 Mr '63.

NECHVILE, Jiri, RNDr

"Work with characteristics of electron tubes and transistors" by J. Forejt. Reviewed by Jiri Nechvile.

NECHVILE, Jiri, RNDr.

"Slide rule in electrical engineering' by F. Kaspar and J. Schmidtmayer.  
Reviewed by Jiri Nechvile. Sdel tech 9 no.9:360 S '61.

NECHVILE, Jiri, RNDr.

Some interesting news on telecommunication. Sidel tech 10 no.1:31  
Ja '62

SECRET

1. The following information was obtained from a source who has provided reliable information in the past and is being provided to you for your information.

NECHVILE, Jiri, RDr.

"Almanach of communication technology" by M. Tucek. Reviewed  
by Jiri Nechvile. Sdel tech 1986. 11:159 Ap '82.

NEKHVILS, Irati (Nechvilo, <sup>Jid</sup> ~~Urat~~), doktor

Improving inclinometers equipped with a magnetic needle. 2-0513.  
prib. no.10:99-107 '61. (MIRA 15:8)

(Inclinometer)



NECHVILE, Jiri, RNDr.

Professor August Zacek; obituary. Slaboprcudy ezor 23 no.2:126 P '62.

CINA, Milan, inz.; NECHVILE, Jiri Jr.

A contactless control system: the logical circuits. Sdel tech  
ll no.6:214-215 Je '63.

NECHVILE, Jiri, dr.; PRUCHA, Jan

Can you write clearly? Sdel tech ll no.6:221 Je '63.

1. Ustav pro jazyk cesky (for Prucha).

NECHVILLE, Siri, Jr.

Apparatus for measurement of characteristics of selen.  $\pi$   
rectifying valves. Sdel tech ll no.9:356 S '63.

NECHVILE, Jiri, RNDr.

"Noise of electronic circuits" by J.Budejicky, F.Klima. Reviewed  
by Jiri Nechvile. Sdel tech 11 no.10:400 0 '63.

NECHVILE, Jiri, dr.

"Capacitance gauges of nonelectric quantities" by [doc.  
RNDr. CSc.] Jindrich Forejt. Reviewed by Jiri Nechvile.  
Sdel tech 12 no. 3:119 Mr '64.

NECHVILE, Jiri, PNDr.

"Principles of the theory and calculation of reliability"  
by I.M. Maltsov, A.M. Polovko, N.A. Romanov, P.A. Cukreiev.  
Reviewed by Jiri Nechvile. Sdel tech 12 no.1:40 Ja'64.

NECHVILE, Jiri, RNDr.

"Principles of the theory and calculation of reliability"  
by I.M. Malikov, A.M. Polovko, N.A. Romanov, P.A. Cukrejev.  
Reviewed by Jiri Nechvile. Sdel tech 12 no.1:40 Ja'64.



ACC NR: AF7005206

SOURCE CODE: UR/01B5/66/011/011/1243/1246

AUTHOR: Hindin, Y. A.--Gindin, I. A.; Malik, H. M.--Malik, G. N.; Nechvolod, M. K.--  
Nechvolod, N. K; Starodubov, Ya. D.

ORG: Physicotechnical Institute AN UkrSSR (Fiziko-tekhnicheskiy institut AN UkrSSR);  
Pedagogical Institute, Khar'kov (Pedagogicheskiy institut)

TITLE: Effect of ultrasonic irradiation on the creep of LiF single crystals, II.

SOURCE: Ukrayins'ky fizychnyy zhurnal, v. 11, no. 11, 1966, 1243-1246

TOPIC TAGS: lithium fluoride, creep, ultrasonic irradiation, crystal dislocation  
phenomenon, plastic deformation, crystal defect

ABSTRACT: Part I is published in the same issue as part II, which reports an investi-  
gation of the influence of prior low-intensity ultrasonic irradiation on the creep of  
single crystals of LiF to which the load was applied in steps, and the influence on  
the change in the dislocation structure. The investigations were made on single  
crystals measuring  $1.5 \times 2 \times 5$  mm having a dislocation density  $6 \times 10^4 - 1 \times 10^5$   
 $\text{cm}^{-2}$ . The method of preparing the samples and their etching are described in part I.  
The creep tests were made under uniaxial compression and under identical conditions.  
The results show that prior irradiation weakens the samples, leading to an increase  
in the plastic deformation and to an increase in the creep rate. Prior ultrasonic  
irradiation also contributes to the lowering of the stress required for the transi-  
tion from the deformation damping stage to the stage where the deformation increases

Card 1/2

ACC NR: AP7005206

rapidly under stepwise creep conditions. The results are interpreted from the point of view that the ultrasound lowers the potential barrier for the motion of the dislocations in the crystal and facilitates their motion. It is also possible that point defects are produced under the influence of the ultrasound. Orig. art. has: 5 figures.

SUB CODE: 20, 11/

SUBM DATE: 31Jan66/

ORIG REF: 004/

OTH REF: 008

Card 2/2

X-ray determination of residual austenite V. V. Nechayev, *Zavodskaya Lab.* 5, 1257 (1969) - A tentative discussion, with math treatment, of the method of detg. residual austenite by the visual comparison of the dark lines of the  $\alpha$ - and  $\gamma$ -phase in the Debyegrams and its application to the control of austenite formation in thermal treatments of metals. (Was. State)

137-58-6-13741

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 361 (USSR)

AUTHOR Nechvolodev, V.V.

TITLE Nomogram for the Determination of the Distance Between Film and Specimen in X-ray Photography by the Method of Focusing Inverse-exposure Photography (Nomogramma dlya opredeleniya rasstoyaniya "plenka-obrazets" pri rentgenografirovani po metodu fokusiruyushchey obratnoy s'yemki)

PERIODICAL Byul. nauchno-tekhn. inform. Ukr. n.-i. in-t metallov, 1957, Nr 2, pp 71-72

ABSTRACT A brief description of the nomographic method of determining the distance (D) from the specimen slide (the object) to the film in an inverse exposure camera with a focusing diaphragm used in laboratories of "Zaporozhstal" and "Dneprospetsstal" steel plants. The nomogram presents a set of eccentrically located circumferences having a common point of tangency. The diameters of the circumferences correspond to the D from the specimen to the slot of the diaphragm (within the range of 50-100 mm). To determine the D from the specimen to the film, two lines are drawn from the common point of tangency at a

Card 1/2

137-58-6-1374:

Nomogram for the Determination of the Distance Between Film (cont.)

$2\theta$  angle to the diameter. The D between the points of intersection of these lines with the circumference of the given diameter determines the value sought.

V Sh.

X-ray photography--film grains

Card 2/2

**MECHVOLODOV, V.V.**

X-ray method for determining small quantities of a phase. Zav.lab.  
23 no.2:192-196 '57. (MIRA 10:3)

1. Zavod "Zaperezhstal".  
(Chemistry, Physical and theoretical) (X rays)

MECHVOLODOV, V.V.

Cameras for X-ray structure analysis in the factory laboratory.  
Zav. lab. 24 no.5:649-650 '58. (MIRA 11:6)

1. Rentgenovskaya laboratoriya zavoda "Zaporozhstal'."  
(X-rays--Equipment and supplies)

KAMINSKIY, E.Z.; KOGAN, L.I.; NECHVOLODOV, V.V.; LEVIT, A.M.

Exchange of experience. Zav.lab. 27 no.6:769 '61. (MIRA 14:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii imeni I.P. Bardina (for Kaminsky, Kogan).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki (for Levit).  
(Scientific apparatus and instruments)



NECHVOLODOVA, O. L., Cand. Medic. Sci. (diss) "Tubercular Ostei-  
tises of the Hip Joint in Children as Cause of Its Nonspecific  
Deformations," Moscow, 1961, 15 pp. (Acad. Med. Sci. USSR. Inst.  
of Pediatrics) 250 copies (KL Supp 12-61, 287).

NECHVOLODOVA, O.L., aspirant

Isolated tuberculous foci in bones of the hip joint causing growth disorders and development of bone deformity in the joint. Probl.tub. 39 no.3:49-56 '61. (MIRA 14:5)

1. Iz otdeleniya kostno-systavnogo tuberkuleza imeni T.P. Krasnobayeva (zav. - zaslushemnyy deyatel' nauki prof. Z.Yu. Pol'ye) Instituta tuberkuleza (dir. - chlen-korrespondent AMN SSSR prof. N.A. Shmelev) AMN SSSR.  
(HIP JOINT—TUBERCULOSIS)

NECHVOLODOVA, O. L. (Kramatorsk, Donetskoy obl., Sotsgorodok, ul.  
Lenina, d. 22, kv. 22)

Etiology of deformities of the coxofemoral joint in tuberculous  
osteitis in the light of experimental data. Ortop., travm. i  
protes. no.3:32-36 '62. (MIRA 15:6)

1. Iz detskoy kliniki kostno-sustavnogo tuberkuleza (sav. -  
sasluzh. deyatel' nauki prof. Z. Yu. Rol'ye) Instituta tuberku-  
leza (dir. - chlen-korrespondent AMN SSSR prof. N. A. Shmelev)  
Akademii meditsinskikh nauk SSSR.

(HIP JOINT--TUBERCULOSIS)

SUBJECT : [Illegible]  
 REFERENCE : [Illegible]  
 DATE : [Illegible]  
 AUTHORITY : [Illegible]  
 [Illegible text follows, including names and institutional affiliations such as "Institute of Technomic Chemistry, Department of..."]  
 [Illegible text continues with a list of references or sources]  
 [Illegible text concludes with a signature line and possibly a date]

COUNTRY : P  
CATEGORY :  
ABS. JOUR. : RZKhim., No. 1 1960, No. 1040  
AUTHOR :  
TITLE :  
ORIG. PUB. :  
ABSTRACT : Migration of flotation processes. Instructions  
described concerning the filling of the ap-  
paratus with solution and measurement of the  
resistance of a diaphragm (D), and deter-  
mination of the surface conductivity of D and  
specific electroconductivity of the solution  
along with measurement of the resistance of D  
and the solution. Experimental data obtained  
for the grains of cassiterite of 0.1-0.3 mm

ABSTRACT :  
AUTHOR :  
TITLE :  
SOURCE :  
PUBLICATION :  
ABSTRACT : size at different concentrations of  $\text{NaNO}_3$  and a  
temperature of 20 °C are studied.-- Ya. S. B. 1967-  
1968

3/3

F-22

S/196/63/000/001/018/033  
E073/E535

AUTHOR: Nécina, Bohuslav  
TITLE: A device for rivetting pins to electric lamp caps  
PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,  
no.1, 1963, 7, abstract 1V37 (Czech patent, class 49c,  
19, 49g, 16/06, no.101483, November 15, 1961)  
TEXT: None given

[Abstracter's note: Complete translation.]

Card 1/1

MAN, M.; NECIU, A.; POPESCU, A.; CRISTESCU, L.

Rapid method for determining the humidity in concrete floors.  
Rev chimie Min petr 15 no.6:350-351 Je '62.



NECINA, J.;NOVAK, L.

Effect of Shigella shigae toxin on cholinesterase activity. Cesk.  
fysiol. 8 no.5:453-454 8 '59

1. Farmakologicky ustav Fak. det. lek., Praha.  
(SHIGELIA)  
(TOXINS AND ANTITOXINS pharmacol.)  
(CHOLINESTERASE, metab.)

HAVA, M.; KREJCI, I.; MECINA, J.

Influence of the effect of certain ganglion-blocking agents by  
-methyl amide of camphoric acid. Cesk.fysiol. 9 no.3:286-287  
My '60.

1. Vyzkumny ustav lecivych rostlin, Praha.  
(CAMPHOR rel cpds)  
(AUTONOMIC DRUGS pharmacol)

NECINA, J.; JAKUBOVIC, A.; MIKULASKOVA, J.

The pharmacology of methylene blue      *Chem Pharm* 12 no 2: 101-7 62

1. Vyzkumny ustav prirodnych leziv, Praha  
(METHYLENE BLUE)      (PHARMACOLOGY)      (LIVER)  
(MONOAMINE OXIDASE INHIBITORS)      (BRAIN)      (RESERPINE)

BOHDANECKY, Z.; NECINA, J.

Course of some pharmacological tests in functionally decorticated animals. *Physiol. bohemoslov.* 12 no.1:55-61 '63.

1. Research Institute for Pharmacy and Biochemistry, Research Institute of Natural Substances, Prague.

(CEREBRAL CORTEX) (THIOPENTAL) (HYDROXYDIONE)  
(ETHERS) (MAGNESIUM SULFATE) (CAFFEINE) (STRYCHNINE)  
(PENTYLENETETRAZOLE) (AMPHETAMINE) (MEPERIDINE)  
(PHENYLBUZONE) (CHLORPROMAZINE) (MORPHINE)

SECRET

1. The following information was obtained from a source who has provided reliable information in the past and is being provided to you for your information.

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5. The source has provided information regarding the activities of the [redacted] in the [redacted] area. The source has provided information regarding the activities of the [redacted] in the [redacted] area.

6. The source has provided information regarding the activities of the [redacted] in the [redacted] area. The source has provided information regarding the activities of the [redacted] in the [redacted] area.

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10. The source has provided information regarding the activities of the [redacted] in the [redacted] area. The source has provided information regarding the activities of the [redacted] in the [redacted] area.

SOBEK, Vojtech; HAVA, Milos; NECINA, Jiri

On the mechanism of action of penethamate hydroiodide (penester). Acta Univ. Carol. [med.] (Praha) 9 no.8:665-672 '63

1. Katedra farmakologie a experimentalni patologie fakulty detskeho lekarstvi University Karlovy v Praze (vedouci: prof. dr. H. Raskova, DrSc) a Vyzkumny ustav prirodnich leciv (reditel: dr. PhDr. Z. Cekan).

NECENOVA, Soňa; B. 1941.

β-Galactosidase from *Escherichia coli* strain W-31  
fermenting lactose. *Enzymes* 1965, 10, 31-35.

1. Department of Technical Microbiology, Institute of  
Biology, Czechoslovak Academy of Sciences, Prague 6.

NEJNOVA, Soma; VEJIS, F. BRUBER, M.

La tise at Dyzel, ...  
Fol. micr. biol. (Praha) 12, no. 1-12, Ja 1965

1. Department of Medical Microbiology and Food Hygiene  
Research Laboratory, Czechoslovak Academy of Sciences, Prague 2.



L 31445-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6023174

SOURCE CODE: RU/0003/65/016/002/0081/0083

AUTHOR: Moldovan, I.; Man, Marinela; Neciu, Ariadna

ORG: none

TITLE: Some considerations regarding the preparation of ammonium polyphosphate type fertilizers from superphosphoric acid ✓

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 81-83

TOPIC TAGS: phosphate, solvent extraction, ammonia, ammonium salt

ABSTRACT: The authors studied the preparation under laboratory conditions of ammonium polyphosphates from superphosphate, by solvent extraction, and gaseous ammonia. Several types of polyphosphates with active content ranging from 73.8 to 81.5 percent (depending on the P<sub>2</sub>O<sub>5</sub> content of the superphosphoric acid and the degree of ammonia-tion) were prepared. The product obtained from the acid containing 72 percent P<sub>2</sub>O<sub>5</sub> could be stored satisfactorily at a relative humidity of 85 percent. Orig. art. has: 2 figures and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 07 / SUM DATE: none / ORIG REF: 001 / SOV REF: 002  
OTH REF: 005

Card 1/1 JT

0915

1385

MAN, Karl ... ; ... , Ia ... ; ... , Ana; ... adna

Aspects of the obtaining of complex fertilizers based on ammonium phosphate. Rev chim Min petr 14 no.7:375-381 1964.

NECIUK-SZCZEBINSKI, Z.

Tissue therapy in the light of personal observations. Polski tygod. lek.  
6 no.27-28:861-865 9 July 51. (CIWL 21:5)

1. State Tuberculosis Sanatorium (Head--S. Warszawski, M.D.), Bukowiec.

NECIUK-SZCZERBINSKI, Z.

Statistical considerations on cure of tuberculous caverns. Polski  
tygod. lek. 8 no.8:312-313 23 Feb 1953. (GLML 24:5)

1. Of the State Sanatorium of Tuberculosis (Director--Zbigniew Neciuk-  
Szczerbinski, M.D.) in Wysoka Laka, Kowary.

NECIUK-SZCZEBINSKI, Z.

Statistical data on the treatment of tuberculous caverns. Polski tygod.  
lek. 8 no.9:347-349; contd. 2 Mar 1953. (CML 24:5)

1. Of the State Sanatorium of Tuberculosis (Director--Sbigniew Neciuk-  
Szczerbinski, M.D.) in Wysoka Iaka, Kowary.

**HECIUK-SECZERBINSKI, Zbigniew**

**Effect of localization of tuberculous cavern on method of therapy.  
Polski tygod. lek. 9 no.28:879-883 12 July 54.**

**1. Z Panstw. Sanatorium Przeciwgruzl. w Wysokiej Lacie, Panstwowy  
Zespól Kowary; dyrektor Sanatorium; dr Zbigniew Heciuk-Szczerbinski.  
(TUBERCULOSIS, PULMONARY,  
cavitation, role of localization of cavity in  
selection of ther.)**

**NICIUK-SZCZEBINSKI, Zbigniew** (Pocsta Kowary, Panstw. Sanatorium Przeciugrusl.,  
Wys. Laka)

Mechanism of formation and healing of tuberculous cavity. Polski  
tygod. lek. 9 no.34:1068-1071 23 Aug 54.

1. Z Panstwowego Sanatorium Przeciugurslicsego, Wysoka Laka,  
Zespol Kowary; Dyrektor sanatorium; dr med. Zb. Niciuk-Szczerbinski.  
(TUBERCULOSIS, PULMONARY,  
cavitation, form. & healing)

NECIUK-SZCZEBINSKI, Zbigniew

Residual tuberculous cavities. Polski tygod. lek. 9 no.42:1365-1367  
18 Oct 54.

1. Z Panstwowego Sanatorium Prseciwgrusliczego w Wysokiej Lacie  
Panstwowy Zespól Kowary; dyrektor: dr med. Sbigniew Neciuk-  
Szczerbinski.

(TUBERCULOSIS, PULMONARY,  
cavitation, residual)



**MECIUK-SZCZERBINSKI, Zbigniew**

Mechanical tuberculous cavities. Polski tygod. lek. 9 no.47:  
1516-1518 22 Nov 54.

1. Z Panstwowego Sanatorium Przeciwgrusliczego Wysoka Laka  
Zespól Kowary; dyrektor: dr med. Zbigniew MeciuK-Szczerbinski.  
(TUBERCULOSIS, PULMONARY,  
cavitation, mechanical cavities)

NECIUK-SZCZEBINSKI, Zbigniew (Kowary k. Jeleniej Gory. Sanatorium  
Wysoka Laka)

Complications following Jacobaeus operation. Gruslica 22 no.3:  
197-205 Nr '54.

1. Z Panstwowego Sanatorium Prseciugrusliczego Wysoka Laka (Zespól  
Kowary) Dyrektor Sanatorium: dr med. Z.Neciuk-Szczerbinski.

(COLLAPSE THERAPY,  
\*pneumonolysis, compl.)

**MECIUK-SZCZORBINSKI, Zbigniew**

Treatment of residual cavities in pneumothorax. *Gruslica* 22  
no. 6:405-410 Je '54.

1. Z Panstwowego Sanatorium Przeciwgrusliczego Wysoka Laka  
(Zespól Kowary) Dyrektor Sanatorium: dr med. Z. Meciu-  
k-Szczorbinski.

(PNEUMOTHORAX, ARTIFICIAL, complications,  
\*persistent caverns, ther.)

**MCNIUK-SZCSEBINSKI, Zbigniew**

Theory of the reflex contraction of the lung. Gruslica 22 no.11:  
803-808 Nov 54.

1. Z Panstwowego Sanatorium Przeciwgrusliczego Wysoka Laka  
(zespól Kowary) - dyrektor dr. med. Z.Neciuk-Szcsebinski  
(LUNGS, physiology  
reflex contraction, theory)  
(REFLEX  
lung contraction, theory)

HORNUNG, Stanislaw; AMALOWICZ, Franciszek; BRODA, Zbigniew; NĘCIUK-SZCZERBINSKI, Zbigniew; PAŃYSKI, Edwin; POLONCZYK, Mieczysław; RAPP, Tadeusz

Results of team research on the effects of bromosalicylhydroxamic acid, T 40, on drug resistance in tuberculosis. *Gruźlica* 25 no.9:702-708 Sept 57.

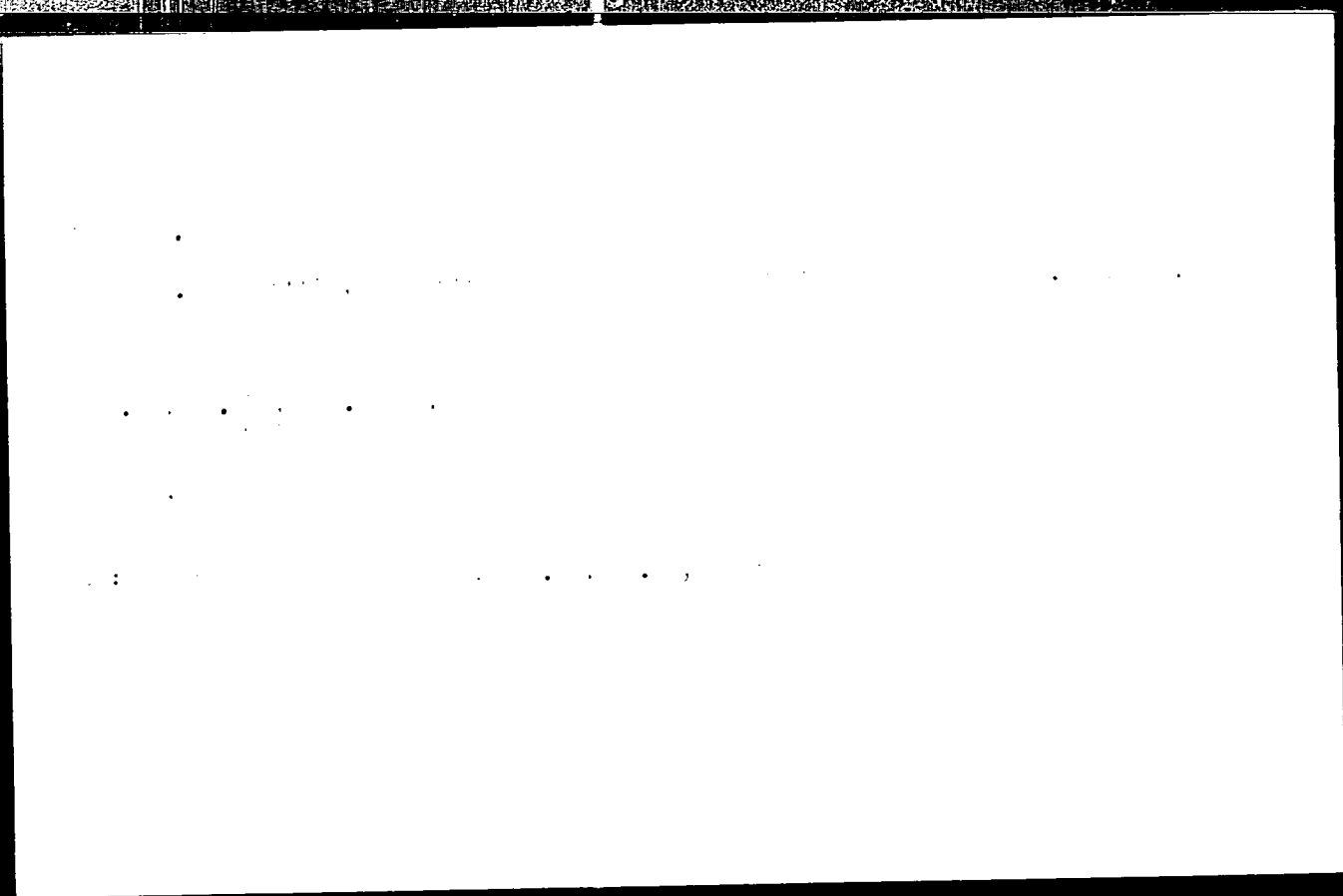
1. Z Instytutu Gruźlicy w Warszawie, Kliniki Ftizjatrycznej A. M. w Krakowie Sanatoriów w Bulowicach, w Gornie, w Wysokiej Łące, im. Chalubinskiego w Zakopanem.

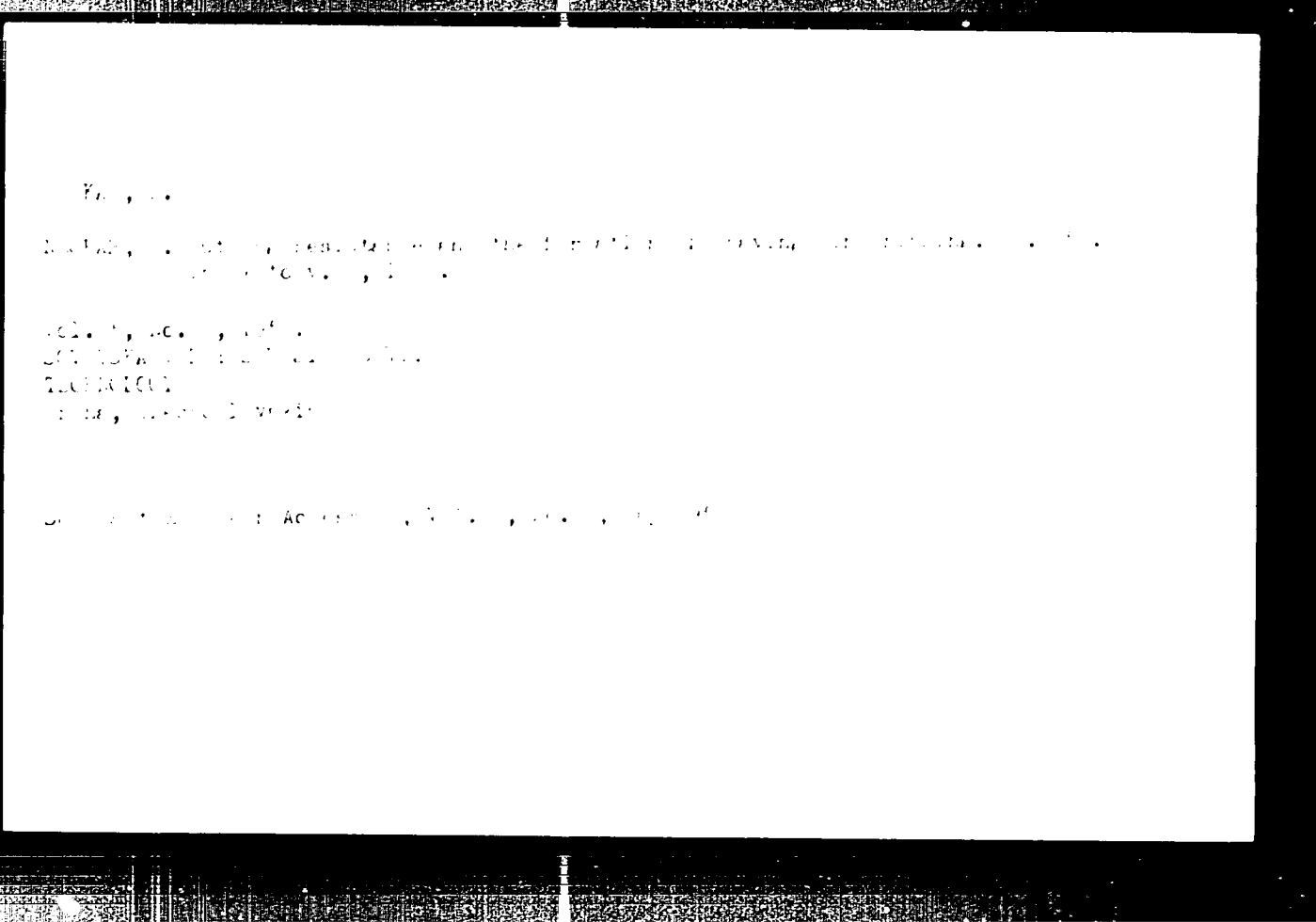
(TUBERCULOSIS, ther.

salicylhydroxamic acid, eff. on isoniazid & PAS resist. patients (Pol))

(SALICYLIC ACID, related cpds.

salicylhydroxamic acid ther. of tuberc., eff. on isoniazid & PAS resist. patients (Pol))





NECKAR, F.

NECKAR, F. Continuous casting. p. 29.

Vol. 1, no. 10, Oct. 1956

NOVA TECHNICA

TECHNOLOGY

Czechoslovakia

So. East European Accession, Vol. 6, No. 1, May 1957



NECKAR, Ferdinand, inz., CSc.; HRAVA, Vlastimil, inz.

Residual stresses in machining refractory materials. Zpravodaj  
VZLU no.3: 127-132 '63.

LAURENC, Vilem; SOCH, Karel; BECKAR, Ferdinand, inz., CSc.; ZAK,  
Vladimir, inz.; SLABA, Jaroslav, RNDr.; DVORAK, Dalibor, inz.;  
MASEK, Zdenek, inz.

Discussion. Pt.2. Zpravodaj VZLU no.3:173-176 '63.

NECKAR, F., inz., CSc.

Measurement of residual stress in the surface layer of hardened steel after grinding. Strojirenstvi 13 no. 12: 934-942 D '63.

1. Ceske vysoke uceni technicke, Praha.

NECKAR, Miroslav

ROTT, Milos; NECKAR, Miroslav

Complexometric determination of mercuryaminochloride in the presence of zinc oxide. Cesk. farm. 4 no.2:69-71 Mar 55.

1. Z krajske kontrolni laboratore brnenske Mediky, n.p.

(MERCURY,

ammonobasic mercuric chloride, determ. in presence of zinc oxide)

(ZINC,

oxide, eff. on determ. of ammonobasic mercuric chloride)

1. NECOTNIJS, M.
2. USSR (600)
4. Labor Productivity - Latvia
7. Productivity of labor and industry in the Latvian S.S.R. during the post-war five-year plan. Latv. PSR Zin Akad Vestis No. 7 1961.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

NECRAN, S.

Consideration of the appearance of some morphologic Neandertal characteristics  
on the lips of contemporary men. p. 67. In: LEHNER, F. A. (ed.) *Die Lippen*  
(*publicis popularis nomine*) Macerati. Vol. 1, 1954

West European Accession List, (CEWA), Library of Anthropology, vol.  
6, no. 11, December 1955

PARSON, C.

Some ancient trepanned skulls found in America. p. 117. *Publications*  
ANIMULU I<sup>4</sup>. (Academia Republicii Populare Romine) Bucuresti.  
Vol. 1, 1954

SOURCE: East European Accessions List, (FEAL), Library of Congress, Vol.  
2, no. 1, December 1965

NECRASOV, OLGA C.

Prof. Paul Rujor, biolog progresist si luptator pentru dreptate sociala, 1862-1952. Bucuresti, Editura Medicala, 1955, 46 p. (Colectia Societatii pentru Raspandirea Stiintei si Culturii, nr. 155) (Professor Paul Rujor, progressive biologist and fighter for social justice, 1862-1952)

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

September, 1956





NEBRAGOV, I.; HADJEVICI, S.

In the presence of the *Equus hydruntinus* sp., a species of Pleistocene equidae,  
in the Rumanian Neolithic period. *Is. Zool.* 5, 1964.

ANAL. ZHURNAL "IZ OBLASTI ISTORII I ETNOGRAFIJE ROMANIIA."  
Vol. 5, no. 1, 1964.

Monthly list of East European Accessions (EUA) I, No. 1, no. 1,  
January 1964.

Incl.

NECRASOV, Olga

The Scientific Jubilee Session dedicated to the hundredth anniversary of the birth of Professor Paul Bujor. *Natura Biologie* 16 no. 1:86-87 Ja-F '64.

1. Membru corespondent al Academiei R.P.R., Iasi.

NECRASOV, Olga, prof.

Jubilee scientific session devoted to the centenary of the  
birth of Professor Paul Bujor. Studii cerc biol s. zool  
16 no. 2:158-159 '64.

1. Corresponding Member of the Rumanian Academy.



NECRASOV, Olga

Signification of some morphological characteristics of the Equus  
(Asinus hydruntinus Reg. Studii cerebiol. s. zool. 16 no. 3:  
162-174 '64.

i. Laboratory of Animal Morphology, "Al. I. Cuza" University,  
Iasi, Corresponding Member of the Rumanian Academy.

NECSA, C., ing.

New technological methods in pisciculture. Ind alim anim 11  
no.1:3-6 Ja'63

1. Directia generala a industriei pestelui.

~~NYOSZI PAL~~

Experiments on the prevention of eye diseases due to metallic foreign bodies. Szemeszet 20 no.1:28-34 May 57.

1. A budapesti Orvostudományi Egyetem II. sz. Szertanintézetének közleménye (Írta: Hónay Tibor egyet. tanár, az orvostudományok kandidátusa).

(EYES, for. bodies

metal fragments, exper. on prev. of same, by diathermy using high-frequency induction current (Hun))

(DIATHERMY

by high-frequency induction current in prev. of ophthalmic compl. due to metallic foreign bodies in eyes (Hun))



NECSEI, Pal

Effect of chymotrypsin on normal and pathological cells. Szemészet 98  
no.4:193-198 D '61.

1. A Budapesti Orvostudományi Egyetem I ss. Szemklinikája (Igásgato:  
Radnot Magda egyetemi tanár).

(CHYMOTRYPSINS pharmacol)

NECSEI, P.

Infectivity of cicatricial trachoma. Acta chir. acad. sci. hung. 3  
no.4:323-326 '62.

1. First Department of Ophthalmology (Director: Prof. Magda Radnot),  
University Medical School, Budapest.  
(TRACHOMA) (CICATRIX)

NECSEI, Pal

Contribution on changes in the epithelial cells of the conjunctiva  
in epidemic keratoconjunctivitis. Szemeszet 99 no. 1:19-24 Mr '63

1. Budapesti Orvostudományi Egyetem I. sz. Szemeszeti Klinika  
közleménye. (Igazgató: Madnot Magda egyetemi tanár)  
(KERATOCONJUNCTIVITIS) (CONJUCTIVA) (EPITHELIUM)  
(PEPTIDE HYDROLASIS) (PATHOLOGY)

NECSEI, Pal, dr.; PEK, Laszlo, dr.

Enzyme effects and cytological changes in epidemic keratoconjunctivitis. Orv. hetil. 104 no.47:2228-2232 24 N '63.

- 1. Budapesti Orvostudományi Egyetem, I Szemeszeti Klinika.  
 (KERATOCONJUNCTIVITIS) (CYTODIAGNOSIS)  
 (FIBRINOLYSIS) (ENZYME TESTS) (EYE PROTEINS)  
 (PATHOLOGY) (LEUKOCYTE COUNT) (LYMPHOCYTES)

NECSEI, Pal, dr.; PEK, Laszlo, dr. Medical University of Budapest, I. szemeszeti Klinika, Budapest, Hungary (Budapesti Orvostudományi Egyetem, I. szemeszeti Klinika)

"The Role of Structure of the Venous Wall in Retinal Branch Thrombosis and in the Etiology of the Occlusions."

Budapest, Orvosi Hetilap, Vol 107, No 39, 25 Sep 66, pages 1893-1894.

Abstract: [Authors' Hungarian summary] The stretching of the venous wall at the site of crossing of the vessels was reproduced experimentally in rabbits. It was shown that stretching of the venous wall will damage it. As a result of the stretching, the epithelial cells will be shed and the rate of blood coagulation will be increased by the tissue kinase liberated from them, thereby creating a susceptibility to thrombosis. The results are supported by histological studies as well. 3 Hungarian, 8 Western references.

acid (I). (In the above formula II, when R=CH<sub>3</sub>, III R=C<sub>2</sub>H<sub>5</sub>, IV R=C<sub>3</sub>H<sub>7</sub>, V R=C<sub>6</sub>H<sub>5</sub>, VI R= (X -C<sub>4</sub>H<sub>9</sub>O). From acetone, cyclopentanolone-2, and cyclohexanolone-2 were obtained respectively 2, 5-dimethyl-3-carbathoxypyrrol (VII), 2-

RUMANIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36203.

synthesis of VII the authors assume an existence of an intermediate  $\alpha$ -oxyacetone (X), which condenses later with I. In the opinion of authors the reaction mechanism involves regrouping similar to the Amadori type. By heating a solution containing 0.05 mols X and 0.055 mols I in a mixture with 4 gr.  $\text{CH}_3\text{COOH}$  and  $\text{CH}_3\text{OH}$  followed by precipitation with water, VII is synthesized yielding 51% of 118° melting point material. In a solution containing 16cc  $\text{CH}_3\text{OH}$ +3cc  $\text{CH}_3\text{COOH}$  + 0.25cc of concentrated HCl the yield of VII was 54%. Analogically acetoin, propion, butyrolin, benzoin, and furcin reacted with I while being heated on a steam bath for 0.3-2 hours (for the obtainment of IX -I hour at 120°C) in solutions with either  $\text{CH}_3\text{COOH}$  or with  $\text{CH}_3\text{COOH}$  +  $\text{CH}_3\text{OH}$  (1/1 ratio) yielding

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The condensation of oxalyl chloride with substituted pyrroles. 1 C. D. Nenitzescu, Ileana Necsoiu, and Mella Zalman. *Comun. acad. rep. populare romane* 8, 630-63 (1958).  
 (COCl)<sub>2</sub> (5.6 g.) in 80 cc. anhyd. ether and petr. ether slowly treated with 3.5 g. 2,4-dimethylpyrrole in the same mixt. of solvents at -30° (the reaction should take place under an inert gas, as air produced polymerization of the dimethylpyrrole) and agitation at -30° continued about 20 min. gives 15.5% 3,3',5,5'-tetramethyl-2,2'-pyrroldiketone, yellow, m. 250° (aq. alc.). The ether filtrate evapd. *in vacuo*, the residue dissolved in 150 cc. 10% NaOH by heating about 30 min. on a water bath, and HCl (1:1) added to acid reaction to Congo red ppts. 2,4-dimethyl-5-pyrrolyloxyacetic acid which filtered, washed with cold water, and recrystd. from C<sub>6</sub>H<sub>6</sub>, m. 167° (decompn.), yield 65%. (COCl)<sub>2</sub> (16 g.) is slowly added to 19 g. 2,5-dimethyl-3-carbethoxypyrrole in 700 cc. abs. Et<sub>2</sub>O at -10°, the mixt. refluxed 2 hrs., evapd. *in vacuo*, 300 cc. 5% NaOH added to the residue on a water bath; part of it dissolves and the rest yields 22% 2,2',5,5'-tetramethyl-4,4'-dicarbethoxy-3,3'-pyrroldiketone, recrystd. from aq. alc., m. 234-5°; the alk. filtrate acidified in the cold with HCl (1:1) until acid to Congo red ppts. 2,5-dimethyl-3-carbethoxypyrrole-4-carboxylic acid, m. 234° (decompn.) (aq. alc.) (yield 40%), mixed m.p. with pyrroldiketone 208°. The structure of the carboxylic acid was established by decarboxylation and heating above the m.p. giving 2,5-dimethyl-3-carbethoxypyrrole, m. 118-19°.  
 Mella Paecht-Horowitz

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 4E3d

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JF

NECSOIU, Ileana; NENITZESCU, C. D. [Nenitescu, C.D.]

Chromic acid oxidation. Mechanism of oxidation of 1,2-diphenylethane and 1,2-diphenylpropane. Rev chimie 6 no.2:245-257 '61.

1. Chemical Institute of the Academy of the R.P.R., Bucharest, Organic Chemistry Section. : Membre du Comité de rédaction et rédacteur en chef, "Revue de chimie, "membre de l'Académie de la République Populaire Roumaine (for Nenitescu)

WEKSMOYU, Ilyana [Necsoiu, Ileana]; WENITSESKU, K.D. [Nenitescu, C.D.]

Rearrangement of phenylindans under the action of aluminum chloride. Rev chimie 6 no.2:259-268 '61.

1. Nauchno-issledovatel'skiy institut khimii Akademii nauk RNR, Bukharest, otdel organicheskoy khimii 2. Membre du Comité de rédaction et rédacteur en chef, "Revue de chimie" (for Nenitescu)



NECSOIU, Ileana; NENITESCU, Costin D., acad.

Oxidation with chromic acid. Mechanism of oxidation of 1,2-diphenylethane and 1,2-diphenylpropane. Studii cerc chim 9 no.2:225-239 '61.

1. Institutul de chimie al Academiei R.P.R., Sectia de chimie organica, Bucuresti. 2. Comitetul de redactie, redactor responsabil, "Studii si cercetari de chimie" (for Nenitescu).

(Chromic acid) (Diphenylethane)  
(Diphenylpropane)  
(Oxidation)

NECSOIU, Ileana; NENITESCU, Costin D., acad.

Rearrangement of phenylindans under the action of aluminum chloride.  
Studii cerc chim 9 no.2:241-250 '61.

1. Institutul de chimie al Academiei R.P.R., Sectia de chimie organica, Bucuresti. 2. Comitetul de redactie, redactor responsabil, "Studii si cercetari de chimie" (for Nenitescu).

(Phenyl group) (Aluminum chloride)  
(Chemical reactions)

NECSOIU, V.

The influence of soil moisture on some physiological processes in irrigated sugar beets. Studii cerc.biol.veget. 1 no.4:341-354 '59.  
(KRAI 9:5)

1. Comunicare prezentata de N. Salageanu, membru corespondent al Academiei R.P.R.  
(Sugar beets) (Soils)

BOLDOR, O. (Buourest1); NECSOIU, V., cercetator (Buourest1)

Mass culture of monocellular green algae and its prospects. *Natura Biologie* 15 no.2:12-19 Mr-Apr '63.

NECSOIU, V.

Influence of some mineral elements on photosynthesis in  
*Scenedesmus acutus*. Rev biol 8 no. 1: 67-73 '63.

1. Institute of Biology "Traian Savulescu" of the Academy  
of the R.P.R., Laboratory of Plant Physiology.

MECSULEA, A.

Means of constant absorption of sound. p. 1281  
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SOURCE: East European Accessions List, (FEAF) Library  
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RUSSIAN/Acoustics - General

J-1

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 6523

Author : Necsulea A.

Inst : -

Title : Results of Measurements in a Deadened Room of Small Dimensions.

Orig Pub : Telecommunicatii, 1958, 2, No 2, 51-56

Abstract : The characteristics of microphones and loudspeakers were measured. The results of the measurements were compared with those obtained in a deadened room of usual size.

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NECULEA, A.

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GERASIM, M.; STINGHE, F.; NECSULESCU, N.; PANESCU, A.

Retroanastomotic hernia (with reference to 5 cases). Rumanian M. Rev.  
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(GASTRECTOMY compl.) (HERNIA etiol.)

NECULA, Ch.

Porumbul; studiu monografic (Maize, a Monographic Study); a book  
review. Studii cerc.biol.veget. 11 no.4:439-442 '59. (EAI 9:5)  
(Rumania--Corn (Maize))

STEFANESCU, D.; TUCHEL, N.; NECULA, Lucia; ANTONESCU, Vasilica; LENHARDT, E.

Contributions to the study of the stability of PAS sodium injectable solutions. Rumanian M Rev, no.3:80-83 '61.

(PARA-AMINOSALICYLIC ACID chemistry) (CHEMISTRY, PHARMACEUTICAL)

9327

R/011/62/006/005/001/003  
A065/A126

AUTHORS: Marinescu, Nicolae, Barbu, Enea, and Necula, Nicolae

TITLE: Analysis of some decoders and the diagrams derived for the generation of some codes

PERIODICAL: Automatica și Electronica, v. 6, no. 5, 1962, 185 - 196

TEXT: An analysis is made of decoders with three bistable elements and decoders with four bistable elements, equipped with diodes and resistors, corresponding to memory circuits provided with electro-magnetic relays and transistors, or eventually electron tubes. The decoders are used in telephony and automatic systems. In the case of both types, the authors examine a simplification of the decoders, as well as a reduction of the number of outputs and the automatic coding of the information. The simplification of the electronic decoder causes the reduction of the output-pulse amplitude, but considerably improves the triggering possibility of the circuits in such a way that the effect of the decoder on the trigger circuit becomes more damped. The reduction of the number of outputs by treating the multipoles as dipoles and vice versa should be considered as an au-

Card 1/2

Analysis of some decoders and the diagrams ....

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A065/A126

automatic coding and is used in various automatic systems. The use of d-c pulses for the code requires in some cases the introduction of a delay line on the emitting, and of synchronizing devices on the receiving side. Diagrams with diodes and resistors show that the pulses will also be subjected to an amplitude modulation. In two appendices the authors finally demonstrate the mathematical calculation of the pulse amplitude at the decoder output and of the influence of the decoder on the coder. There are 32 figures and 10 tables.

Card 2/2

Diagnosis

RUMANIA

POPESCU, GR., Lieutenant Colonel, Medical Corps; NECULA, N., Lieutenant Colonel, Medical Corps; MARCULESCU, M., Lieutenant Colonel, Medical Corps; and TUTUNARU, F., Captain, Medical Corps.

"Voluminous Preaortic Abdominal Tuberculous Lymphoma. Report of Case"

Bucharest, Revista Sanitara Militara, Vol 62, No. 6, Nov-Dec 66, p. 1021-1024

Abstract: Report of case in woman aged 51, with recovery following surgical treatment and chemotherapy with isoniazid, streptomycin and para-aminosalicylic acid; general discussion of diagnostic and therapeutic difficulties. 3 French, 4 Rumanian references. Manuscript received 25 Feb 66.

1/1

NECULA, N., ing.; ZAMFIRESCU, R., ing.; CEANGA, E., ing.

Electronic telephone exchanges. Telecommunicatii 6 no.5:210-219  
S-0 '62.



BARBU, Eneea, ing.; NECULA, Neculae, ing.

Test circuit incorporation in logic relations and schemes.  
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ENEEA, Barbu, ing; NECULA, Niculae, ing.

Studies on an oscillator with transistor for telegraphic  
system of carrier currents. Telecommunicatii 6 no.6:241-247  
M-D '62.

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VAGAUNESCU, C., ing.

News from a construction site. Constr Buc 15 no.722:1 9 N '63.

BIRZU, I., conf.; NECULA, V., dr.

Radiological aspects of organo-functional biliary disorders  
(dyskinesias). Med. int., Bucur. 12 no.2:245-256 F '60.

1. Lucrare efectuata in Sectia de radiologie a Spitalului  
"Dr. I.Cantaousino," Bucuresti.  
(BILIARY TRACT, diseases)