NAPIORKOWSKA, Wanda

Effect of combined treatment with methylthiouracil and Lugol's solution on the adrenocortical function. Pol. tyg. lek. 20 no.33: 1233-1234 16 Ag '65.

1. Z Kliniki Chorob Wewnetrznych im. Anastazego Landaua Instytut Gruzlicy w Warszawie (Kierownik: prof. dr. med. B. Jochweds).

NAPIORKOWSKI, Jan, mgr inz.; KROCHMAL, Wieslaw, mgr inz.; CIESLAK, Albin, inz.

A case of downfall of the driver's cab with the operating crew from a steel frame traveling bridge. Energetyka Pol 15 no.10:316-318 -

NAPIERKOWSKI, Zbigniew

Geodetical net position for scientific studies on the construction of suspension bridges. Przegl geod 37 no.3:103-105 Mr '65.

1. Department of Surveying of the Division of Hydraulic Soil Improvement of the Central College of Agriculture, Warsaw.

NAPISANOV, V.A., inzhener.

Machining parts with increased feed. Vest.mash.34 no.1:75-77 Ja '54. (MLRA 7:2)
(Metal cutting)

NAPITUKHIN, S.A.

Diesel-electric powered "Lenin" on cruise. Rech.transp. 18 no.9:16-17 S '59. (MIRA 13:2)

1. Kapitan dizel'-elektrokhoda "Lenin."
(Lenin (Motorships))

ROZENBERGER, N.A.; NAPKHANENKO, Z.S.

Sulfite cooking in the presence of phenol. Bum.prom. 34 no.10:2-5 O '59. (MIRA 13:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti.
(Sulfite liquor)

ROZENBERGER, N.A.; Prinimali uchastiye: NAFKHANENKO, Z.S.; PETROVA, V.K.

Rapid sulfite cooking operation. Bum. prom. 36 no.12:3-7 D '61. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti.
(Sulfites)

ROZENBERGER, N. A.; NAPKHANENKO, Z. S.; Prinimala uchastiye: PETROVA, V. K., nauchnyy sotrudnik

Active acidity in sulfite cooking. Trudy VNIIB no.47:10-37 '61. (MIRA 16:1)

(Woodpulp--Testing)

MAYATIN, A.A.; KRUTOUS, M.D.; GITARSKIY, V.S.; BORISENKO, V.S.; GORELIK, M.M.; VINOGRADOV, N.P.; KAUFMAN, D.I.; SLAVIN, L.S.; OSEPASHVILI, M.N.; KIRPENEV, N.K.; FOZENBERGER, N.A.; NAPKHANENKO, Z.S.; KIPUS, L.A.; ZAYCHENKO, I.V.

Innovations. Bum. i der. prom. no.3:58-59 Jl-S '64.
(MIRA 17:11)

NAPLATANOV, N.

Bulgaria

Bulgarian Academy of Sciences, Institute of Technical Cybernetics (BAN-Institut po tekhnicheska kibernetika), Director: Dots. N. NAPLATANOV.

Sofia, Farmatsiya, No 3, 1966, pp 21-27.

"Optimization of the Process of Furfural Nitration."

Co-author:

TODOROVA, E.

NAPLATANOV, N.D.; BILDIREV, Zh.S.

Electric modeling of the systems of automatic control with delayed feedbacks. Godishnik mash elekt 13 no.2:243-264 '63. [publ. '64].

Diagnosis

BULGARIA

NAPLATANOV, N. D., MARINOV, Yul. P., and GANEV, M. A.; Institute of Technical Cybernetics (Director N. D. Naplatanov), Bulgarian Academy of Science

"Choice of Optimal Conditions for Diagnosis by Means of a Computer"

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 5, No 4, 1966, pp. 197-203

Abstract: A theoretical consideration of available methods for setting medical diagnoses by means of a computer led the authors to the conclusion that application of the formula of Beiss[?] (cf. R.S.Ledley, L. B. Lusted, Science, 130, 9-21 1959) or of the method of information coefficients leads to the most precise results. The method of information coefficients is convenient for mathematical modeling of information in a form in which it can be handled by a computer. By using this method, a correct diagnosis can also be made in the event that several diseases are present simultaneously. Six references (2 Bulgarian, 3 USSR, 1 Western). Russian and English summaries. Manuscript received Mar 66.

1/1

ACC NR: AT7005408 SOURCE CODE: BU/2510/66/004/000/0067/0079

AUTHOR: Naplatanov, N. D.; Marinov, Yu. P.; Nedelchev, L. A.

ORG: none

TITLE: Probability-logical method for designing a logical structure of diagnostic devices

SOURCE: Bulgarska akademiya na naukite. Institut po tekhnicheska kibernetika. Izvestiya, v. 4, 1966, 67-79

TOPIC TAGS: diagnostic instrument, probability, logic design

ABSTRACT: A probability-logic method for designing the logic structure of specialized diagnostic devices is introduced. Devices synthetized according to this method are of a comparatively simple design and feature great flexibility and precision operation. In the study, certain probability relationships (between the disease and its symptoms) are to illustrate the method and to facilitate the deviation of logical equations defining the working principle of the device. A description is given of the

Card 1/2

ACC NR: AT7005408

logical synthesis of a device under study, and a functional diagram of the system's structure is presented. Orig. art. has: 2 diagrams, 2 tables, and 17 formulas. [Authors' abstract] [KP]

SUB CODE: 06, 12/SUBM DATE: none/ORIG REF: 001/SOV REF: 003/
OTH REF: 002/

Card 2/2

NAPLATANOV, T.

"Methods for reducing the production cost in the finishing process of knitted wear"

Leka Promishlenost. Tekstil. Sofiia, Bulgaria. Vol. 7, no. 10, 1958

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

NAPLATANOV, Toma V.

New advances in dyeing knitted goods. Pt. 1. Tekstilna prom 13 no. 2:16-18 '64.

1. Head, Finishing and Dyeing Shop at the "Proletarii" State Industrial Enterprise, Sofia.

NAPLAVA, Karel

A new non-anchored crane with 4ot carrying capacity. Inz stavby 9 no.12:suppl. 133-135 D '61.

1.Vitkovicke zelezarny Klementa Gottwalda, n.p., zavod 58, hutni montaze, Ostrava.

NAPLAVA, Karel

A new Special 58 Type assembly crane with 8 t loading capacity. Inz. stavby 10 no.8:Suppl.: Mechanizace no.8:95-97 '62.

1. Vitkovicke zelezarny Klementa Gottwalda, zavod 58, hutni montaze, Ostrava.

NAPLAVA, Karel

Heavy tower cranes in assembly operations. Inz stavby 11 no.6:Suppl: Mechanizace no.6:87-9[illegible] '63.

1. Vitkovicke zelezarny Klementa Gottwalda, n.p., Ostrava.

NAPLAVA, Karel

Automotive wheel cranes in assembly practice. Inz stavby 12 no. 3:Supplement:Mechanizace no. 3:43-46 '64.

1. Hutni montaze National Enterprise, Ostrava.

STEBAYEV, I.V.; NAPLEKOVA, N.I.; GUKASYAN, A.B.

Locusts (Acrididae) and darkling beetles (Tenebrionidae) as stimulators of microbiological processes in soils of the dry steppes in the Tuva Autonomous Republic. Pochvovedenie no.9:89-95 S '64.

(MIRA 17:12)

1. Biologicheskiy institut i Botanicheskiy sad Sibirskogo otdeleniya AN SSSR.

NAPLEKOVA, N.N.

Effect of cultivation practices on the distribution of Azotobacter chroococcum in old fallows. Trudy Biol. inst. Zap.-Sib. fil. AN SSSR no.3:211-216 '57. (MIRA 13:10)
(Azotobacter) (Soil micro-organisms)

NAPLEKOVA, N.N.

Effect of bacterial fertilizers on the Azotobacter content of soil and spring wheat yield on the Chernozem soils of Novosibirsk Province. Izv. Sib. otd. AN SSSR no.3:121-128 '58. (MIRA 11:8)

1.Zapadno-Sibirskiy filial AN SSSR.
(Novosibirsk Province--Soil inoculation) (Azotobacter) (Wheat)

NAPLEKOVA, N.N.

Antagonistic effect of Actinomyceson Azotobacter. Izv.Sib. otd.AN SSSR no.5:121-124 '59. (MIRA 12:10)

1. Biologicheskiy institut Sibirskogo otdeleniya Akademii nauk SSSR.

(Actinomyces) (Azotobacter)

NAPLEKOVA, N.N.

Effect of temperature on the development of Azotobacter.
Izv.Sib.otd.AN SSSR no.11:69-72 '59. (MIRA 13:4)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR.
(Azotobacter)
(Soil temperature--Physiological effect)

NAPLEKHOVA, N. N., Cand Bio Sci. -- "Biology of the nitrogen bacteria in the chernozems of Nobosibirskaya Oblast during their ~~assimilation~~ cultivation." Saratov, 1961. (Saratov Order of Labor Red Banner State U im N. G. Chernyshevskiy) (KL, 8-61, 237)

NAPLEKOVA, N.N.

Distribution of Azotobacter in the rhizosphere of wild plants in some soils of the Altai Territory and Novosibirsk Province. Izv. Sib.otd.AN SSSR no.8:110-115 '61. (MIRA 14:8)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Altai Territory--Rhizosphere microbiology)
(Novosibirsk Province--Rhizosphere microbiology)
(Azotobacter)

SIDORENKO, A.I.; NAPLEKOVA, N.N.

Fermentation activity of Azotobacter cultures separated from Solonetz soils of Baraba. Trudy Biol. inst. Sib. otd. AN SSSR no.9:157-162 '62 (MIRA 17:8)

NAPLEKOVA, N.N.; SERGEYEVA, K.S.

Distribution of Chaetomium fungi in the various soils of Western Siberia. Izv. SO AN SSSR no.8 Ser. biol.-med. nauk no.2:33-39 '64 (MIRA 18:1)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk, i Botanicheskiy institut AN SSSR, Leningrad.

NAPLEKOVA, N.N.

Nitrogen nutrition of the genus Chaetomium fungi isolated from various soils of Siberia. Izv. SO AN SSSR no.12; Ser. biol.-med. nauk no.3:105-110 '64. (MIRA 18:6)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

NAPLEKOVA, N.N.

Intensity of aerobic decomposition of cellulose as related to the forms of nitrogen in soils of the Gorno-Altai. Trudy Biol. inst. Sib. otd. AN SSSR no.12:101-107 '64. (MIRA 18:7)

NAPIEKOVA, N.N.

Bacterial cellulose decomposition at various temperatures and in the case of different nitrogen sources. Izv. SO AN SSSR no.8. Ser.biol.-med.nauk no.2:49-52 '65. (MIRA 18:9)

1. Biologicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

NAPLEKOVA, N.N.; SERGEYEVA, K.S.

Species of Chaetomium in the soils of Western Siberia. Trudy TSSBS no.10:113-119 '65. (MIRA 18:10)

NAPLEKOVA, N.N.

Physiology of fungi of the genus Chaetomium. Trudy TSSBS no.10: 120-123 '65. (MIRA 18:10)

NAPLOSZEK, J.

Norms of consumption of materials on factories of the chemical industry. p. 1/6. ACTA PHYSICA POLONICA Warszawa Vol. 9, No. 5, May, 1956.

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

DANILOV, S.N.; CHKHIKVISHVILI, D.I.; MDINARADZE, D.A.; GOGOUADZE, V.P.; NAKHAPETYAN, A.A.; NAPOBASHVILI, Ye.M.; SADZHAYA, N.D.

In memory of Professor Akakii Melitonovich Gakhokidze, 1909-1964. Zhur. ob. khim. 35 no.6:1117-1119 Je '65. (MIRA 18:6)

NAPOLOV, A.

On the increase. Prom.koop. 13 no.1:25 Ja '59. (MIRA 12:2)

1. Nachal'nik proizvodstvennogo otdela Dagpromsoveta, g. Makhachkala.

(Makhachkala--Cooperative societies)

ANDREYEV, P.N.; NAPOLOVA, G.A.; NEYMAN, M.S.

Resnatron self-oscillators with a large power output for operation in the UHF band. Radiotekhnika 15 no.11:26-33 N '60. (MIRA 13:11)

1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni A.S.Popova.
(Oscillators, Electric) (Microwaves)

NAPOLSKI, Stanislaw, inz.; DUDZINSKI, Ryszard, inz.

Machine factory and cast iron foundry "Polna" in Przemysl.
Przegl mech 20 no.19/20:599-602 '61.

1. Fabryka Maszyn i Odlewnia Zeliwa "Polna", Przemysl.

MOROZOV, B.; NAPOL'SKIY, G.

Elastic rubber elements of traction and coupling devices.
Avt. transp. 43 no.9:41 S '65. (MIRA 18:9)

NAPOL'SKIY, M., kand. sel'skokhoz. nauk

Advanced wage systems in collective farms. NTO 5 no.8:25-27 Ag '63. (MIRA 16:10)

1. Zaveduyushchiy otdelom Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva, chlen ekonomicheskoy sektsii TSentral'nogo pravleniya nauchno-tekhnicheskikh obshchestv sel'skogo khozyaystva.

NAPOL'SKIY, M. P.

NAPOL'SKIY, M. P. -- "Time Intervals and Methods of Planting Kok-Sagyz in Connection with its Biological Characteristics." Latvian Agricultural Academy, 1948 (Dissertation for the Degree of Candidate of Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

NAPOL'SKIY, M. P.

USSR/Agriculture - Grain raising

Card 1/1 : Pub. 77 - 6/21

Authors : Napol'skiy, M. P., Cand. Agri. Sci.

Title : The basis of agricultural production (grain)

Periodical : Nauka i zhizn' 21/9, 15-17, Sep 1954

Abstract : A description is given of the exhibits in the grain pavilion at the Agricultural Exposition, where each kind of grain had its own section or hall, and comparisons are made between the old and new methods in grain raising. The exhibits included demonstrations of the scientific work done to produce more and better grain. Illustrations.

Institution : .....

Submitted : .....

NAPOL'SKIY, M. P.

NAPOLSKII, M.

"All-Union Agricultural of socialist agriculture. Tr. from the Russian." p.368. (PRZEGLAD TECHNICZNY. Vol 75, No. 10, Oct. 1954. Warszawa, Poland)

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

NAPOL'SKIY, M.S.

Modification of the formula of the volumetric method when applied to the prediction of oil and gas reserves. Izv. AN SSSR Ser. geol. 29 no.3:84-93 Mr'64 (MIRA 17:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti Glavnogo upravleniya geologii i okhrany nedr pri Sovete Ministrov RSFSR, Moskva.

NAPOL'SKIY, M.S.

Quantitative evaluation of the prospects for finding gas and oil.
Trudy NIIneftegaza no.11:188-243 '64.
(MIRA 17:12)

NAPOLSKII, S. A.

Chem (2) 2

Chemical Abst.
Vol. 48 No. 5
Mar. 10, 1954
Electrochemistry

Electrophoretic chromatography, S. A. Napol'skii. *Issledovaniya v Oblasti Khromatog., Trudy Vsesoyuz. Soveshchaniya Khromatog., Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1950, 147-54(Pub. 1952).—Detailed description of expts. with chromatography of electrolytes in a tube passing d.c. was given. Usually 0.1*N* NaCl or Na_2SO_4 electrolyte was employed. Various designs of the tubes were made. The manner of tube filling played an important role. Since the pH level varied in such a tube from one electrode to the other, numerous common reactions were modified. Thus in the case of Co salts, no deposition of Co on the cathode took place, while a blue zone formed which grew toward the anode; with increased c.d. the blue zone moved to the anode, becoming red on the frontal side and nearly brown at the anode. Similar phenomena were seen with Ni and Cu sulfates. Often the adsorbing properties of a given adsorbent altered (in either sense) after preliminary passage of d.c. through the moist material. Cations moving from the anode did not reach the cathode but stopped at a certain distance from it, forming a well-defined boundary which did not move further on increase of c.d. While the order of various cations in a electrophoretic chromatogram was the same as in a filtration chromatogram, the former had the following advantages: lower concn. was needed for appearance of a given color and more distinct bands were formed. Al_2O_3, cotton, starch, wool, etc. gave good results in contrast to those in conventional chromatography. Wool fillers moistened with various specific reagents could be conveniently used for specific color development in the color zones. Multilayer adsorbents could be used, and an example of MgO, $MgCO_3$, $CaCO_3$, and $Ca_3(PO)_4$ combination was shown, in which a mixt. of $Fe_2(SO_4)_3$, $CuSO_4$, and $CoSO_4$ was readily resolved into yellow, blue, and pink zones, resp. G. M. Kosolapoff

DUBININ, M.M., akademik, otvetstvennyy redaktor; GAPON, Ye.N.; GAPON, T.B.; ZHYPAKHINA, Ye.S.; RACHINSKIY, V.V.; BELEN'KAYA, I.M.; SHUVAEVA, G.M.; ROGINSKIY, S.Z.; YANOVSKIY, N.I.; FUKS, N.A.; KISELEV, A.V.; NEYMARK, I.Ye.; SLINYAKOVA, I.B.; KHATSET, F.I.; LOSEV, I.P.; TROSTYANSKAYA, Ye.B.; TEVLINA, A.S.; DAVANKOV, A.B.; SALDADZE, K.M.; BRUMBERG, Ye.M.; ZHIDKOVA, Z.V.; VEDENEEVA, N.Ye.; NAPOL'SKIY, S.A.; MIKHAYLOVA, Ye.A.; KAZANSKIY, B.A.; RYABCHIKOV, D.I.; SHEMYAKIN, F.M.; KRETOVICH, V.L.; BUNDEL', A.A.; SAVINOV, B.G.; VENDT, V.P.; EPSHTEYN, Ya.A.

[Research in the field of chromatography transactions of the All-Union Conference on Chromatography, November 21-24, 1950] Issledovaniia v oblasti khromatografii; trudy Vsesoiuznogo soveshchaniia po khromatografii, 21-24 noiabria 1950 g. Moskva, Izd-vo Akademii nauk SSSR, 1952. 225 p.
(MLRA 6:5)

1. Akademiya nauk SSSR. Otdelenie khimicheskikh nauk.
(Chromatographic analysis)

NAPOL'SKIY, S. A.

Hydrates

Utilization of indicators in experiments with crystal hydrates.
Khim. v shkole, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, Unclassified.

1. NAPOL'SKIY, S. A.

2. USSR (600)

4. Chemistry, Physical and Theoretical - Study and Teaching

7. Experiments illustrating M. V. Lomonosov's law, Khim. v shkole, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

NAPOL'SKIY, S. A.

Analytical Chemistry

Dissertation: "The Use of Layer Columns and Electrolytic Transfer of Ions in Chromatography." Cand Chem Sci, Inst of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy, Acad Sci USSR, Oct-Dec 1953. (Vestnik Akademii Nauk, Moscow, Mar 54)

SO: SUM 213, 20 Sept 1954

5.5600

SOV/81-59-12-41804

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 12, p 84 (USSR)

AUTHOR: Napol'skiy, S.A.

TITLE: The Application of Mixtures as Adsorbent in Chromatography

PERIODICAL: Uch. zap. Kirovskiy gos. ped. in-t, 1958, Nr 14, pp 10-16

ABSTRACT: The possibility has been shown of applying mixtures of substances as adsorbents, producing in some cases better results than simple sorbents. The mixtures can be of two types: 1) both components chemically active, one being the sorbent and the second producing the conditions for the running of chromatographic processes; 2) one chemically active component serves as adsorbent and the second as inert filler carrying the sorbent. The use of these mixtures has been shown on the example of collecting, detecting and separating Ni^{2+}, Co^{2+} and Cu^{2+} cations. A mixture of dimethylglyoxime with basic oxides or anionites (first type) proved to be specific for Ni permitting to determine reliably up to 0.0001 - 0.00001 mg Ni from a solution with a concentration of up to 0.000001 mg/ml. For Cu is specific a mixture of CaS and SiO_2 (second type), sensitivity is 0.01 mg at a concentration in the solution of up to

Card 1/2

0.0001 mg/ml. For Co is specific a mixture of α-nitroso-β-naphthol with SiO_2 (second type) with the same sensitivity.

L. Dmitrenko

NAPOL'SKIY, V. (g. Nizhnyaya Salda Sverdlovskoy oblasti)

Toroidal transformers for transistor radios. Radio no.9:25 S '60.
(MIRA 13:10)

(Electric transformers) (Transistor radios)

NAPOL'SKIY, V. (Novaya Salda)

Amplifying attachment to a battery powered receiver. Radio no.7: 27 Jl '62. (MIRA 16:6)

(Transistor radios)

NAPORA, ALBINA

FRYCZ, Leszek; MICHTA, Zbigniew; NAPORA, Albina.

Analysis of causes of exacerbation in pulmonary tuberculosis with special reference to work factor. Gruzlica 23 no.11:807-813 Nov. '55.

1. Z Panstwowego Sanatorium Przeciwgruzliczego w Bystrej Slaskiej. Dyrektor: dr med. W. Pregowski. Bystra Slaska, Pafistwowe Sanatorium Przeciwgruzlicze.

(TUBERCULOSIS, PULMONARY, physiology, exacerbation in workers)
(WORK, effects, on tuberc.,pulm., exacerbation)

NAPORA, Kazimierz, mgr.

Technological and economic factors of blast and openhearth-furnaces during the years 1950-1960. Wiad hut 17 no. 10:292-296. O '61.

NAPORKO, A.G., kandidat ekonomicheskikh nauk; MINSKER, S.S., redaktor; CHERNYSHEV, V.I., redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Essays on the development of railroad transportation in the U.S.S.R.] Ocherki razvitiia zheleznodorozhnogo transporta SSSR. Moskva, Gos. transp. zhel-dor. izd-vo, 1954. 284 p. [Microfilm]
(Railroads--History) (MLRA 7:10)

NAPORKO, ALEKSANDR GRIGOR'YEVICH

N/2
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.N21

ZHELEZNODOROZHNYY TRANSPORT SSSR V DOKUMENTAKH KOMMUNISTICHESKOY PARTII I SOVETSKOGO PRAVITEL'STVA /RAILWAY TRANSPORTATION OF THE USSR IN DOCUMENTS OF THE COMMUNIST PARTY AND SOVIET GOVERNMENT/ MOSKVA, TRANSZHELDORIZDAT, 1957.
382 P.

NAPORKO, A.G., kand.ekon.nauk

"Prognoses" of American economists and the real state of Soviet transportation. Zhel.dor.transp. 42 no.7:60-65 Jl '60. (MIRA 13:7)

(Transportation)

NAPORKO, A.G., kand. ekonom. nauk

Heroic deed of Soviet railroaders. Zhel. dor. transp. 47 no.5:7-12 My '65. (MIRA 18:6)

S/023/60/000/003/002/012
C111/C222

AUTHORS: Nappa, L., and Fomina, A.S., Candidate of Technical Sciences

TITLE: On the Question on the Nitrogen of the Organic Part of Dictyonema Shale

PERIODICAL: Izvestiya Akademii nauk Estonskoy SSR,. Seriya Tekhnicheskikh i Fiziko-Matematicheskikh nauk, 1960, No.3, pp.195-204

TEXT: The authors investigated a test piece of 120 kg of Dictyonema shale taken from Maardu. The kerogen of this shale has a content of nitrogen of 2-3%. A hydrolysis with mineral acids was carried out, where according to the method of the one-dimensional paper chromatography described in (Ref.25) in the hydrolysate there were found nine mono amino acids: 1) $CH_2(NH_2)COOH$, 2) $CH_3CH(NH_2)COOH$, 3) $CH_3CH(CH_3)CH(NH_2)COOH$, 4) $CH_3CH(CH_3)CH_2CH(NH_2)COOH$, 5) $C_2H_5CH(CH_3)CH(NH_2)COOH$, 6) $HOCH_2CH(NH_2)COOH$, 7) $HOOC\ CH_2CH_2CH(NH_2)COOH$ and traces of 8) $CH_2(NH_2)CH_2CH_2COOH$, 9) $C_6H_5CH_2CH(NH_2)COOH$. With respect to the origin of the kerogen the authors deviate from the opinion of Manskaya (Ref.26); they assume that it can be traced back to proteins and bacteria. The authors mention

Card 1/2

S/023/60/000/003/002/012
C111/C222

On the Question on the Nitrogen of the Organic Part od Dictyonema Shale

Arkhangel'skiy, Luha, Kirret, Siirde, Rägo, Polikarpov, Gerasimov, Tikk, Professor V.L.Kretovich, N.N.Bakh and Zh.V.Uspenskaya. They thank Professor V.L.Kretovich and Zh.V.Uspenskaya. There are 4 figures, 6 tables and 26 references: 16 Soviet, 2 German and 8 American.

ASSOCIATION: Institut khimii Akademii nauk Estonskoy SSR (Chemical Institute of the Academy of Sciences of the Esthonian SSR)

SUBMITTED: October 24, 1959

Card 2/2

NAPPA, L.; FOMINA, A., doktor khim. nauk

Determination of the nitrogen in the organic matter of Dictyonema shale. Part 2. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 12 no.3:320-326 '63. (MIRA 16:11)

1. Institut khimii AN Estonskoy SSR.

NAPPA, L.; FOMINA, A., doktor khim. nauk

Nitrogen of the organic matter in dictyonema shale. Part 3. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 12 no.4:446-449 '63. (MIRA 17:1)

1. Institut khimii AN Estonskoy SSR.

NAPPA, L.; FOMINA, A., doktor khim. nauk

Nature of the melanoidins taking part in the formation of kerogen of dictyonema shale. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 13 no.2:143-147 '64. (MIRA 17:9)

1. Academy of Sciences of the Estonian S.S.R., Institute of Chemistry.

NAPPA, L.; FOMINA, A.

Hydrolysis products of kukersite kerogen. Izv. AN Est. SSR. Ser. fiz.-mat. i tekh. nauk 14 no.1:163-165 '65.
(MIRA 18:11)

1. Institut khimii AN Estonskoy SSR.

S/274/63/000/002/002/019
A055/A126

AUTHOR: Nappel'baum, E.L.

TITLE: Detection of the useful signal on the background of one class of non-gaussian interferences

PERIODICAL: Referativnyy zhurnal, Radiotekhnika i Elektrosvyaz', no. 2, 1963, 6, abstract 2A20 (In collection "Avtomat. regulirovaniye i upr.", M., AN SSSR, 1962, 382 - 385)

TEXT: The author examines some statistical properties of passive interferences and determines the structure of the optimum receiver designed for the detection of the useful signal on the background of these interferences. As a physical model of the origin of passive interferences is taken the reflection of the radar signal from a cloud of unidimensional half-wave reflectors moving under the action of random disturbances in the gravity field. It is assumed that the distribution of the random pulse of the force obeys the Brownian movement laws, and that the reflector tilt angle with respect to the horizon remains constant during radiation. The passive interference is the sum of the signals

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Detection of the useful signal on the ....

reflected from individual reflectors:

$$N(t) = \sum_i N_i(t) = \sum \frac{A_i}{r_i^2} \cos(2\omega t + Q_i).$$

[Abstracter's note: Q_i seems to be a misprint for Θ_i.] It is shown that, for a steady-state cloud of reflectors, the phase Θ_i of the signal from a signal reflector can be considered as regularly distributed, and that the distribution function of the intensity of passive interferences $N(t)$ has the aspect of a nonstationary normal distribution. The following optimum criterion is used for determining the structure of the best receiver designed for the reception of the useful signal $s(t)$ on the background of passive interferences:

$$M\{\rho[s(t), Ax(t)]\} = \text{extremum},$$

where $x(t) = s(t) + N(t)$ is the sum of signal and noise at the receiver input; A is the optimum operator sought for; ρ is a function determining the optimum criterion. The necessary and sufficient condition for the optimum receiver is given.

V.T.

[Abstracter's note: Complete translation]

Card 2/2

FEL'DBAUM, Aleksandr Aronovich; DUDYKIN, Aleksandr Davydovich; MANOVTSEV, Anatoliy Petrovich; MIROLYUBOV, Nikolay Nikolayevich; BERMAN, M.A., red.; NAPPEL'BAUM, E.L., red.

[Theoretical principles of communication and cotrol] Teoreticheskie osnovy sviazi i upravleniia. [By] A.A.Fel'dbaum i dr. Moskva, Fizmatgiz, 1963. 932 p. (MIRA 17:5)

NAPRASHIKOV, A.I.

Complete utilization of potentialities available in blast plants.
Stal' 16 no.8:738-739 Ag '56. (MLRA 9:10)

1.Ministerstvo chernoy metallurgii SSSR.
(Blast furnaces) (Labor productivity)

OKHOTNIKOV, I.I.; NAPRASHNIKOV, A.T.

Third Scientific and Practical Conference on Engineering Problems in the Water Management of Siberia. Zap. Zabaik. otd. Geog. ob-va SSSR no. 24:139-140 '64 (MIRA 19:1)

NAPRASNIKOV, V. N., inzh.

Contactless control of low voltage current collectors in mines.
Ugol' Ukr. 6 no.10:11-14 O '62. (MIRA 15:10)

1. Institut gornogo dela AN UkrSSR.

(Electricity in mining) (Remote control)

KRAHULEC, Jaroslav; NAPRAVNIK, Ervin

Measurment of parameters of wet steam flowing through condensing turbines. Jaderna energie 9 no. 12:391-392 D '63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

KRAHULEC, Jaroslav; NAPRAVNIK, Ervin

Measurement of parameters of flowing wet steam in condensing turbines. Jaderna energie 10 no. 2:51 F '64.

1. Statni vyzkumny ustav tepelne techniky, Praha.

VESELY, Vladimir; NAPRAVNIK, Jiri

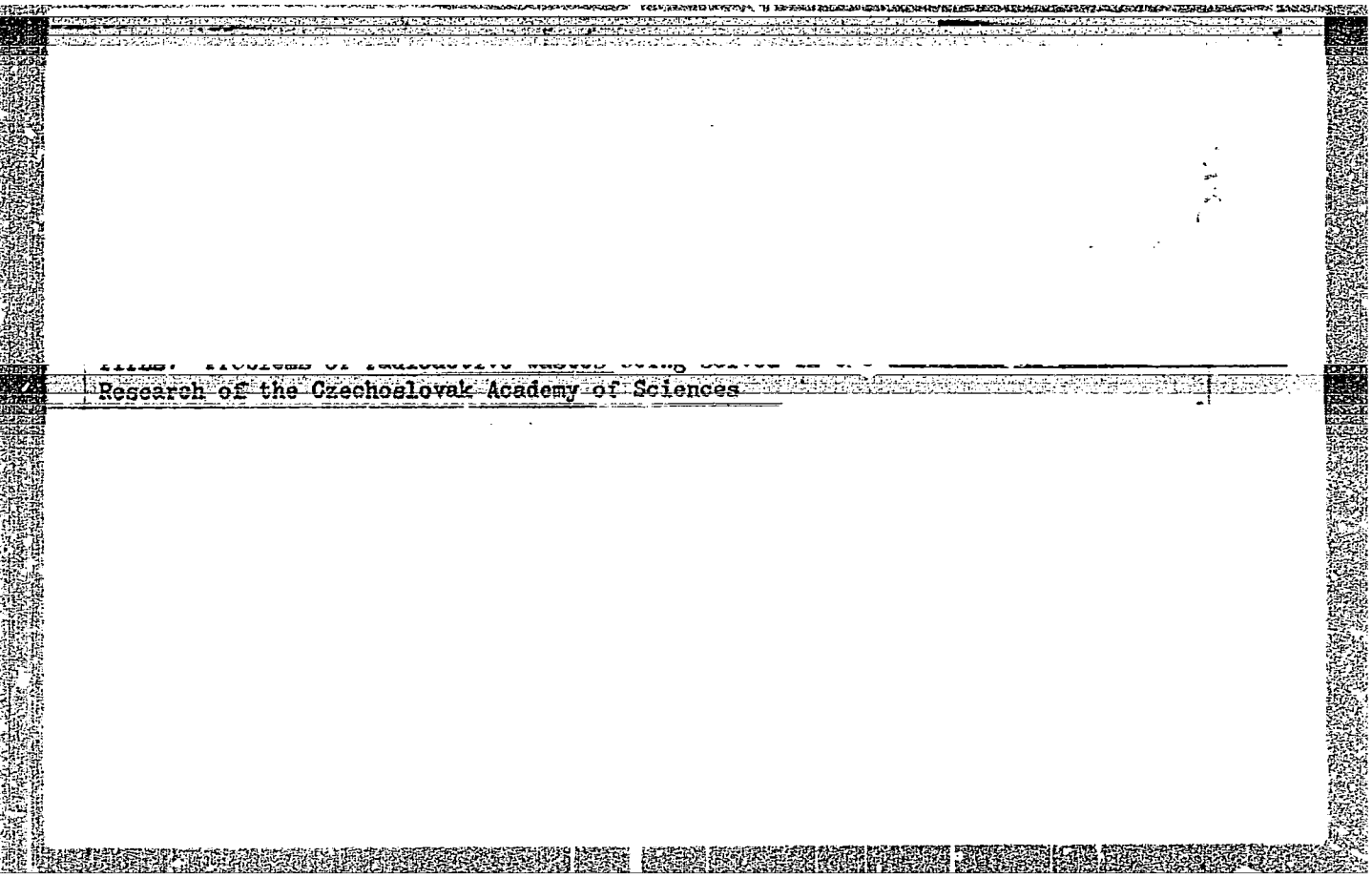
Measurement of very low radiation activity in water. Jaderna energie 3 no.12:406-409 D '57

1. Ustav jaderne fysiky, Ceskoslovenska akademie ved, Praha.

NAPRAVNIK, J., inz.; CHVALINA, J.

Concreting of channels by the vacuum technique. Poz stavby 11 no.7:387-390 '63.

1. Pozemni stavby Usti nad Labem.



Research of the Czechoslovak Academy of Sciences

L 7865-66 EWT(m) DIAAP

ACC NR: AP6001208 SOURCE CODE: CZ/0038/65/011/006/0213/0218

AUTHOR: Vesely, Vladimir; Napravnik, Jiri; Jansa, Jindrich--Yansa, Y.

ORG: Institute of Nuclear Research, Rez (Ustav jaderneho vyzkumu); [Jansa] Chemoprojekt, Prague

TITLE: Plant for the disposal of radioactive waste water

SOURCE: Jaderna energie, v.11, no.6, 1965, 213-218

TOPIC TAGS: radioactive waste disposal, radioactive waste disposal equipment

ABSTRACT: When work with radioisotopes was begun at the Nuclear Research Institute in Rez, the storage tanks designed originally only for reactor waste water proved inadequate. A waste water disposal plant was built, with a boiler and a film evaporator. The disposal plant is described, and experience with its operation over a period of several years is reviewed. The work was presented by E. Malasek. Orig. art. has: 7 figures, 2 tables. [NA]

SUB CODE: 18 / SUBM DATE: none

Card 1/1 UDC: 621.385.64

NAPRAVNIK, J.

Initiation of Pharmaceutical Research Center. Cesk. farm. 4 no.4:210-211 May 55.

(PHARMACY,
in Czech., state pharmaceutical research center.)

CZECHOSLOVAKIA

HEJMAL, V., and NAPRAVNIK, J., of the Clinic for Internal Diseases (Klinika nemoci vnitrnich) of the Medical Hygiene Faculty (lekarska fakulta hygienicka) of Charles University (KU - Karlova Universita), Prague; Head: Prof Dr V. JONAS.

"Relationship of Activity Detected Above the Liver and Activity Excreted in the Urine in Patients Following Peroral Administration of Vitamin B_{12} - Co^{58}."

Prague, Casopis Lekaru Ceskych, Vol 102, No 4, 25 Jan 63, pp 87-92.

Abstract [Authors' English summary]: The authors investigated the activity above the liver and the activity in 24-hour specimens of urine following the oral administration of vitamin B_{12} labeled with Co^{58} in doses of 0.38-1.14 gamma with an activity of 0.2-0.5 microcurie and the subsequent administration of non-radioactive vitamin B_{12} - 1,000 gamma intramuscularly. The activities found during the first hours after administration above the liver are not a reliable indicator of poor intestinal absorption of vitamin B_{12} if the values are not elevated.

NAPRAVNIK, M.

Does fracture of the cervical spine occur in hanging? Lek. listy 5 no.20:599-601 15 Oct. 1950. (CIML 20:1)

1. Of the Pathologico-Anatomical Institute of the Medical Faculty, Masaryk University in Brno(Head—Prof. Vaclav Neumann, M. D.).

Napravnik, V.

Heat treatment of welded chains. p. 241. HUTNIK. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha. Vol. 4, no. 8, Aug. 1954.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

V. NAPRAVNIK

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Part 4 - Dyeing and Chemical Treatment of Textile Materials. H-33

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13324

Author : V. Napravnik.

Inst : Not given

Title : Determination of Oxidizability of Czech Lubricating Oils by Chromatographic Method.

Orig Pub : Textil, 1955, 10, No 7, 213

Abstract : The chromatographic method used for the determination of the oxidizability degree of Czech lubricating oils, which change the fabric coloration for the worse, is described.

Card 1/1

NAPRAVNIK, Vladimir; MAYER, Jiri, inz.

Dimensions, arrangement, and capacity of autobuses from the viewpoint of economical operation. Automobil Cs 6 no.5:141-143 My '62.

MAYER, J., inz.; NAPRAVNIK, Vl.

Comparison of the technical and economic advantages of 11 meter and 12 meter buses. Siln doprava 11 no.1:2-4 Ja '63.

1. Vyzkumny ustav dopravni Praha.

MAYER, Jiri, inz.; NAPRAVNIK, Vladimir

Prospect for using mathematical methods and automatic computers in automobile transportation. Doprava no.3:202-208 '63.

L 40909-66 EWT(d)/EWT(1)/EEC(k)-2/EWP(v)/EWP(k)/EWP(h)/EWP(1) BC

ACC NR: AP6009937 SOURCE CODE: UR/0118/65/000/011/0025/0026

AUTHOR: Bukhtiarov, V. A. (Engineer); Zhuk, I. N. (Engineer); Kulakov, N. N. (Engineer); Lozovoy, Ye. K. (Engineer); Malich, V. V. (Engineer); Napreychikov, F. I. (Engineer)

ORG: none

TITLE: Inductive relay for signaling, control, and telemetry

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 11, 1965, 25-26

TOPIC TAGS: electric relay, circuit design, telemetry equipment, automatic control equipment

ABSTRACT: The authors introduce a universal and stable inductive sensor which has a high degree of reliability and sensitivity. The inductive relay (sensor) proposed is intended for signaling, control, and telemetry. The device is based on a transistorized oscillator with tuned circuits in the base circuitry and on an emitter capable of operating in a "quasi-trigger" and intermittent oscillating mode. The all-purpose relay may be used in automatic control, monitoring and alarm systems, telemetry systems, and at unattended beacons. The output may be an electromagnetic relay or a contactless relay device of any type. The oscillator is distinguished by a high degree of frequency stability in all modes and uses a series-produced

UDC: 621.3.083:669.001.6

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L 40909-66

ACC NR: AP6009937

P16 transistor (16 to 350 kc). The basic specifications of the inductive relay are: operating frequency: 25 kc; sensitivity: 150—200 mm; length of connecting wire to oscillator: up to 50 m; a 24-v dc MKU-48 relay; and a 220-v ac 50-cps feed voltage. Orig. art. has: 3 figures.

SUB CODE: 09/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

Card 2/2 MLP

NAPREYENKO, L.

Good luck. Gov. profsoiuzy 7 no.17:13-15 S '59.
(MIRA 12:11)
(Moscow--Electric light plants)

NAPREYENKO, L.

The golden light. Sov.profsoiuzy 7 no.22:22-23 N '59.
(MIRA 12:12)
(Wollen and worsted spinning)

NAPRIYENKO, V.

One day. Grazhd. av. 21 no.6:4-5 Je '64. (MIRA 17:8)

1. Nachal'nik Sasovskogo imeni Geroya Sovetskogo Soyuza G. Taran letnogo uchilishcha Grazhdanskogo vozdushnogo flota.

NAPRSTEK, J.

"Reproduction capacity of our domestic animals under favorable circumstances."

VESTNIK. Praha, Czechoslovakia, Vol. 5, No. 7/8, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

Naprstek, J.

AGRICULTURE

Uhrineves heated pig style. p. 18

What is new in the Machine-Tractor Development Center? p. 20.

Vol. 9, no. 1, Jan. 1959

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. Hydrochemistry. D.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28293

Author : Naprstek, V.
Inst :
Title : On the Sedimentation, Dolomitization, and Silicification of the Upper Silurian Layers of the Barrandien.

Orig Pub : Acta Univ carolinae Geol. No 2, 64s, il [sic] (1954) (in Czech with summaries in English and Russian)

Abstract : The results from the stratigraphic and petrographic investigation of carbonate rocks whose chemical composition is typified by diagenetic and epigenetic weakly dolomitized limestones and colomites are discussed. To the prediagenetic formations belong the schistose dolomites of nonorganic origin which are encountered in clays. In diagenetic dolomitic limestones the fragments of shells of ostracoda and of tentaculites are dolomitized and the shell fragments from crinoide are calcitized.

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CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. Hydrochemistry. D.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28293

The epigenetic varieties are more porous and the shell fragments are dolomitized and more thoroughly leached out. The shell cavities usually contain bituminous substances. The following factors were determining in the dolomitization of limestones formed from organic detritus: the enrichment of the lower layers of calm sea waters in Mg, the accumulation of organic detritus containing considerable quantities of $MgCO_3$ followed by leaching, and the presence of CO_2 which facilitates the dissolution of rocks and the enrichment of the waters in Mg salts. Another source of Mg in sea water may be the deep marine volcanic activity. As dolomitization progresses, the grain size of the limestones decreases and the clayey-bituminous substance is displaced and collects in certain places [sic]. The appearance of porosity is the result of volume changes produced by the metasomatic transformation of the limestone into dolomite.

Card 2/3

CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. Hydrochemistry.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28293 D.

The silicification of the rocks (the diagenetic process) either accompanies or follows dolomitization. The SiO_2 is traced to the presence of sponge colonies. The migration of SiO_2 is possible only in carbonate media in the presence of Mg^{2+} and cannot proceed in clay horizons. The precipitation of SiO_2 (formation of hornstones) results from the destruction of the colloids formed as the fauna dies off.

Eleven incomplete chemical analyses of the rocks investigated are presented.

Card 3/3

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NAPRSTEK, V.

Finds of Trassic rocks on the northern side of the Hronov ditch. p.175.
VESTNIK, Prague, Vol. 29, No. 4, 1954.

SO: Monthly List of East European Accessions. (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

NAPRSTEK, V.

Transgression of the Cretaceous at the road curve in Lobec southwest of Kralupy nad Vltavou. p. 131.
(Casopis Pro Mineralogii A Geologii, Vol. 2, no. 2, 1957. Praha, Czechoslovakia)

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

NAPRSTEK, V.; SILAR, J.

A contribution to the stratigraphy and facial evolution of the Cretaceous near Neratovice and Labem. p. 137.
(Casopis Pro Mineralogii A Geologii, Vol. 2, no. 2, 1957. Praha, Czechoslovakia)

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