"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKAYA, V. I.

3

Mobility of diethylamino group. III. Synthesis of 8-(aminobenzyl)aminoquinolines. V. I. Stavrovskaya and M. O. Kolosova. *Zhur. Obshchei Khim.* 25, 558–62(1955); *J. Gen. Chem. U.S.S.R.* 25, 527–30(1955)(Engl. translation); cf. *C.A.* 50, 1705*d*.—Heating 8.7 g. 6-methoxy-8-aminoquinoline and 4.5 g. *m*-$H_2NC_6H_4CH_2NEt_2.2HCl$ in a sealed tube 18 hrs. at 170–5° gave after soln. in 10% HCl and chilling, a ppt. of unreacted quinoline; the filtrate neutralized to Congo red with AcONa and extd. with Et_2O, then the aq. soln. made basic with 10% NaOH and extd. with Et_2O gave 12.7 g. crude product, which on distn. gave 6.8 g. unreacted amine. The residue gave 1.8 g. product, b_{3-4} 215–20°, yielding a *picrate*, m. 242–3° (decompn.), which yielded pure *6-methoxy-8-(3-aminobenzyl)aminoquinoline*, m. 118° (from Et_2O), also formed from 6-methoxy-8-aminoquinoline and *m*-$H_2NC_6H_4CH_2NEt_2.2HCl$ after 11 hrs. at 170–5°, along with some *6-methoxy-8-(6-methoxy-8-quinolyl)aminoquinoline*, m. 168–70°. Heating 7.2 g. 8-aminoquinoline, 4.5 g. *m*-$H_2NC_6H_4CH_2NEt_2$ (I), and 6.3 g. I.2HCl 18 hrs. at 170–5° similarly gave 1.2 g. crude product, b_{3-4} 215–25°; *picrate*, m. 235–6°; pure *8-(3-aminobenzyl)aminoquinoline*, m. 125–6°. Mixing 4.8 g. I and 6.5 g. I.2HCl, then heating 17 hrs. in a sealed tube at 175–80° gave 1 g. *N-(3-aminobenzyl)-3-diethylaminomethylaniline* (II), b_3 225–30°, n_D^{25} 1.5988; *HCl salt*, hygroscopic, decomp. 91–4°. Heating 3.6 g. I and 3.4 g. *m*-$O_2NC_6H_4CH_2Cl$ 4 hrs. at 100° gave after removal of unreacted materials, some 5 g. red oil, which was hydrogenated over Raney Ni yielding 1.3 g. II. G. M. K.

(1)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKAYA, V. I.

Chemical structure and parasiticidal activity. XVII. Effect on the antimalarial activity of replacement of diethylamino group in the side-chain cyclic substituent by a cyclic amine (in compounds of quinoline and acridine series). V. I. Stavrovskaya. *Zhur. Obshchei Khim.* 25, 821–7; *J. Gen. Chem. U.S.S.R.* 25, 787–92(1955)(Engl. translation); cf. 7th preceding abstr.—Replacement of Et_2N group in the cyclic side-chain by cyclohexylamine or 2-methylpyrrolidine groups leads to strong antimalarial substances, while PhNH group destroys antimalarial activity. The tests were made with *Plasmodium relictum* in birds. The methylpyrrolidine deriv. is 3–4 times more active than chloroquine and 10 times more than acriquine; the toxicity is similar to acriquine; the cyclohexylamine deriv. is 3 times more active than chloroquine and 8 times more than acriquine; toxicity is similar to that of acriquine. Heating 3.6 g. 7-chloro-4-(4-hydroxyphenyl)aminoquinoline with 9.2 g. cyclohexylamine, 3 ml. formalin, and 10 ml. EtOH 11 hrs. at reflux gave after extn. with 10% HCl, clarification and pptn. with K_2CO_3, followed by extn. with Et_2O: Et_2O-sol. *7-chloro-4-(3,5-biscyclohexylaminomethyl-4-hydroxyphenyl)aminoquinoline*, m. 118–20° (*tri-HCl salt sesquihydrate*, m. 148–50° in sealed capillary), and Et_2O-insol. *7-chloro-4-(3-cyclohexylaminomethyl-4-hydroxyphenyl)-aminoquinoline*, m. 234° (*HCl salt*, m. 252°). Heating 5.4 g. 7-chloro-4-(4-hydroxyphenyl)aminoquinoline with 7 g. 2-methylpyrrolidine and 3.6 ml. formalin in EtOH 6 hrs. gave, after usual treatment, 66% *7-chloro-4-[3,5-bis(2-methylpyrrolidinomethyl)-4-hydroxyphenyl]aminoquinoline*, m. 186°; *di-HCl salt*, m. 125–7° (decompn.). Refluxing 5.2 g. 2-methoxy-6-chloro-9-(4-hydroxyphenyl)aminoacridine with 6.4 g. cyclohexylamine and 3 ml. formalin in EtOH 11 hrs. gave after concn., washing with H_2O and extn. with Et_2O *2-methoxy-6-chloro-9-[3,5-bis(cyclohexylaminomethyl)-4-hydroxyphenyl]aminoacridine*, 130°; *tri-HCl salt*, decomp. 215–25°. Similarly 7-chloro-4-(4-hydroxyphenyl)aminoquinoline and $PhNH_2$, with formalin in EtOH gave after 13 hrs. refluxing in EtOH the Et_2O-sol. *7-chloro-4-(3,5-dianilinomethyl-4-hydroxyphenyl)aminoquinoline*, yellowish sticky mass (*tri-HCl salt tetrahydrate*, decomp. 205–7°), and Et_2O-insol. *7-chloro-4-(3-anilinomethyl-4-hydroxyphenyl)aminoquinoline*, decomp. 124–7° (*di-HCl salt trihydrate*, decomp. 105–10°). Similar reaction with 2-methoxy-6-chloro-9-(4-hydroxyphenyl)aminoacridine gave *2-methoxy-6-chloro-9-(3,5-dianilinomethyl-4-hydroxyphenyl)aminoacridine*, yellowish sticky mass (*tri-HCl salt hydrate*, decomp. 205–8°), and *2-methoxy-6-chloro-9-(3-anilinomethyl-4-hydroxyphenyl)aminoacridine*, m. 183–4° (*di-HCl salt*, m. 255–8°).

G. M. Kosolapoff

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

Stavrovskaya, V. I.

CH

Chemical structure and parasiticidal activity. XVIII. Substituted benzyldiethylamines. V. I. Stavrovskaya (Inst. Malaria, Med. Parasitol. and Helminthol., Ministry of Health, Moscow). *Zhur. Obshchei Khim.* 25, 651-6 (1955); *J. Gen. Chem. U.S.S.R.* 25, 615-20(1955)(Engl. translation); cf. *C.A.* 50, 2596c.—Reduction of *m*-O_2N-$C_6H_4CH_2NEt_2$ in neutral medium with Fe or over Raney Ni gave up to 83% *m*-$H_2NC_6H_4CH_2NEt_2$, b_4 118–20°. *p*-$O_2NC_6H_4OH$ (23.2 g.) treated at 20° with 13.4 g. Et_2NH, followed by 17 g. 38% formalin and stirred 15 min. at room temp. and 2 hrs. at 80° gave after concn. *in vacuo* and treatment of the residue with 10% HCl, 15 g. *2-hydroxy-5-nitrobenzyldiethylamine*, m. 87°; *HCl salt*, decomp. 223–4°. Reduction with Fe filings in aq. HCl gave *2-hydroxy-5-aminobenzyldiethylamine*, an oil; *oxalate*, decomp. 172–2.5° (from dil. Me_2CO). Similar reduction of 2-methoxy-5-nitrobenzyldiethylamine gave 72% *5-amino analog*, b_2 137–8°. Heating 23.6 g. 3-diethylaminomethyl-4-hydroxyacetanilide, 10 ml. Et_2NH, and 10 ml. 35% formalin with 25 ml. EtOH 6 hrs. at reflux gave 25.3 g. *3,5-bis(diethylaminomethyl)-4-hydroxyacetanilide*, oil; *picrate*, m. 161–2°. A 94% yield of this substance also formed from *p*-AcNH-C_6H_4OH, formalin, Et_2NH, and EtOH in 11 hrs. refluxing. Boiling the product with 20% HCl 3 hrs. gave 80% *3,5-bis(diethylaminomethyl)-4-hydroxyaniline*, oil; picrate, m. 187°. Reduction of 5-nitrosaligenin methylene ether with Fe in HCl gave 67% *6,8-*$H_2N(Et_2NCH_2)C_6H_2O.CH_2O.CH_2$ (I), b_3 170–2°; *di-HCl salt*, m. 203–10°. Reduction with Fe in acid medium of the corresponding nitro deriv. gave *3-diethylaminomethyl-5-aminosaligenin*, oil; *HCl salt*, viscous mass.

G. M. Kosolapoff

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKAYA, V. I.

USSR.

11068* Chemical Structure and Parasitocidic Activity. Khimicheskoe stroenie i parazitotsidnaia aktivnost'. XVIII. Substituted Forms of Dicyclydiethylamines. Zameshchennye benzildietilamina. (Russian.) V. I. Stavrovskaia. *Zhurnal Obshchei Khimii*, v. 25, no. 5, May 1955, p. 951-956.
Synthesis of ten compounds. Table. 11 ref.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

Stavrovskaya, V. I.

Synthesis of 6-methoxy-8-(4'-aminopentyl)aminoquinoline. M. B. Braude and V. I. Stavrovskaya (*Zh. obshch. Khim.*, 1956, 26, 878—881).—4-Oxo- was transformed to 4-amino-pentanol after reduction -amination; treatment with HBr or $SOBr_2$ gave 2-amino-5-bromo-pentane. The hydrobromide of this with 6-methoxy-8-amino-quinoline gave 6-*methoxy*-8-(4'-*aminopentyl*)*aminoquinoline*, a new antimalarial preparation. Transference of methyl groups from the 1- to the 4- position in the side-chain does not lower the antimalarial activity.

A. L. B.

2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKAYA, V. I.

Chemical structure and parasitocidal activity. XIX. Synthesis of 6-methoxy-8-(4-aminopentyl)aminoquinoline. M. B. Braude and V. I. Stavrovskaya. *J. Gen. Chem.*—*U.S.S.R.* 26, 999-1002(1956)(English translation).—See *C.A.* 50, 14760f. B. M. R.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

BRAUDE, M.B.; STAVROVSKAYA, V.I.

Chemical structure and parasiticidal activity. Part 19. Synthesis of 9-methoxy-8-(4'-aminopentyl)-aminoquinoline. Zhur.ob.khim. 26 no.3:878-881 Mr '56. (MLRA 9:8)

1. Institut malyarii, meditsinskoy parazitologii i gel'mintologii.
(Quinoline)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

BRAUDE, M.B.; STAVROVSKAYA, V.I.

New variation of the synthesis of quinocide, 6-methoxy-8-(4[1]-aminopentyl)-aminoquinoline. Med.prom. 11 no.7:19-23 Jl '57. (MLRA 10:8)

1. Institut malarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR
(QUINOLINE)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKAYA, V. I., LYSENKO, A. L., BRAUSE, M. B., GLADKIKH, V. F., ZHUKOVA, T. A., GAZOLOVA, G. YE., ZAL'NOVA, N. S., MASHLOVSKIY, SH. D., PASTOVSKAYS, E. I., CHURNOSOVA, A. A., SERGIYEV, P. G.

"Quinocide and the prospects of acceleration of the malaria eradication rate in the USSR."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

ZOLOTAREV, Ye.Kh.; STAVROVSKAYA V.I.

Studies on repellents. Part 10: Diethyltoluamides; comparative studies on flea-repellent properties of ortho-, meta- and para-isomers. Med.paraz. i paraz.bol. 29 no.5:559-563 S-O '60. (MIRA 13:12)

(INSECT BAITS AND REPELLENTS) (EOLUAMIDE)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

IVANOVA, L.V.; STAVROVSKAYA, V.I.

Preliminary data of field studeis of dethyltoluamides. Med.paraz. i paraz.bol 29 no.5:564-570 S-O '60. (MIRA 13:12)

1. Iz entomologicheskogo otdela i otdela sinteticheskikh preparatov Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I. Martsinovskogo Ministerstva zdravookhraneniya SSSR (dir. instituta - prof. P.G. Sergiyev, zav. otdelom prof. V.N. Beklemishev i prof. V.I. Stavrovskaya).
(INSECT BAITS AND REPELLENTS) (TOLUAMIDE)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

5.3610

77920
SOV/79-30-2-71/78

AUTHORS: Stavrovskaya, V. I., Kolesova, M. O.

TITLE: 2-Mercaptobenzothiazole in Mannich Reaction. I. Synthesis, Properties, and Structure of Mannich Bases

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 2, pp 689-694 (USSR)

ABSTRACT: A series of Mannich bases was synthesized by condensation of 2-mercaptobenzothiazole with formaldehyde and the following amines: diethylamine, piperidine, morpholine, aniline, cyclohexylamine, and ethanolamine, yielding, respectively, 3-diethylamine-, 3-piperidine-, 3-morpholinomethylbenzothiazolylthione-2 (mp 90° C; 159-161° C from benzene; and 147-148° C, respectively), N,N-bis-(methylbenzothiazolylthione-2)-cyclohexylamine (mp 153-155° C from benzene), and N,N-bis-(methylbenzothiazolylthione-2)-aminoethanol (mp 130° C from ethyl acetate). The above bases were unstable at elevated temperatures, and decomposed readily into the

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2-Mercaptobenzothiazole in Mannich Reaction. I. Synthesis, Properties, and Structure of Mannich Bases

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SOV/79-30-2-71/78

Initial components in aqueous solutions of alkalis and acids. Hydrolysis of the Mannich bases with 90% acetic acid gave N-hydroxymethylbenzothiazolylthione-2 (III, mp 125-127° C). The latter on condensation with amines gave Mannich bases (VI) identical with those previously synthesized from 2-mercaptobenzothiazole, formaldehyde, and amines. On the other hand, the hydrolysis of the above bases gave the same hydroxymethyl derivative III, which in reaction with thionyl chloride gave the corresponding chloromethyl derivative (IV, mp 123-125° C from benzene). The latter, on heating with zinc powder in glacial acetic acid, was reduced to N-methylbenzothiazolylthione-2 (V mp 88° C from ethanol). Although 2-mercaptobenzothiazole can react either in thiolic (I) or thionic (II) form, the above reactions confirmed the thione structure (II) of Mannich bases suggested by other investigators.

Card 2/4

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2-Mercaptobenzothiazole in Mannich Reaction. I. Synthesis, Properties, and Structure of Mannich Bases

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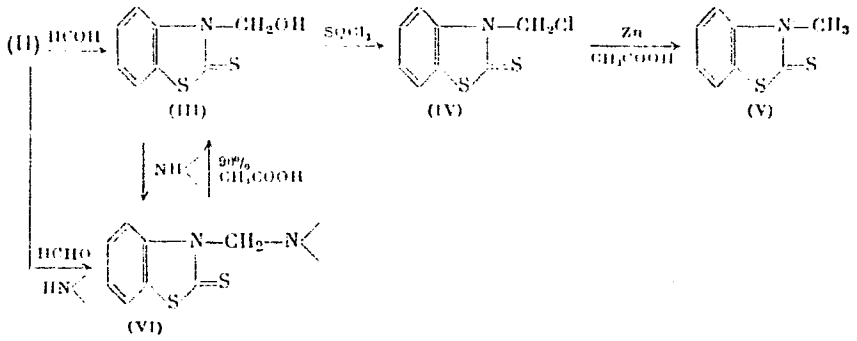
SOV/79-30-2-71/78



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2-Mercaptobenzothiazole in Mannich Reaction. I. Synthesis, Properties, and Structure of Mannich Bases

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SOV/79-30-2-71/78

There are 20 references, 7 U.S., 7 U.K., 1 French, 1 Italian, 3 German, 1 Soviet. The 5 most recent U.S. and U.K. references are: H. W. Heine, M. B. Winstead, R. P. Blair, J. Am. Chem. Soc., 78, 672 (1956); M. P. Fisher, W. M. Lauter, J. Am. Pharm. Assoc., 45, 531 (1956); G. F. Grillot, H. R. Felton, J. Am. Chem. Soc., 76, 3969 (1954); S. Swaminathan, S. Ranganathan, S. Sulochana, J. Org. Ch., 23, 707 (1958); same authors, ibid., 22, 70 (1957)

ASSOCIATION: Institute of Medical Parasitology and Tropical Medicine (Institut meditsinskoy parazitologii i tropicheskoy meditsiny)

SUBMITTED: April 6, 1959

Card 4/4

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

KOLOSOVA, M.O.; STAVROVSKAYA, V.I.

2-Mercaptobenzothiazole in the Mannich reaction. Part 2: Reaction of N-chloromethyl-2-benzothiazolethione with amines. Zhur. ob. khim. 30 no.11:3576-3578 N'60. (MIRA 13:11)

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny.
(Benzothiazolinethione) (Amines)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

ALMAZOYEVA, V. V.; BATAYEV, P. S.; STAVROVSKAYA, V. I.; AKSEYENKO, G. R.; BEZZUBOVA, V. P.; VOROB'YEVA, Z. G.; GLADKIKH, V. F.; ZHUKOVA, L. I.; ZUYEVA, N. K.; KOROGODINA, Yu. V.; KLIMOVA, L. P.; KRYLOV, A. S.; MASLOV, A. V.; PEYKRE, A. E.; SADOVSKAYA, G. Yu.; SPERANSKAYA, V. N.; SOLOVEY, V. Ya.; TURCHINS, M. Ye.; SHAMRAY, A. F.; SHIPITSINA, N. K.; SHINKEVICH, M. A.

Field trials of new repellents. Med. paraz. i paraz. bol. no.4: 457-464 '61. (MIRA 14:12)

1. Iz entomologicheskogo otdela i otdela sinteticheskikh preparotov Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye. I. Martsinovskogo Ministerstva zdravookhraneniya SSSR (dir. - instituta - prof. P. G. Sergiyev, zav. otdelami - prof. V. N. Beklemishev i prof. V. I. Stavrovskaya)

(INSECT BAITS AND REPELLENTS)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

KOLOSOVA, M.O.; STAVROVSKAYA, V.I.

2-Mercaptobenzothiazole in the Mannich reaction.
Part 3: Mechanism of the formation of
(N-benzothiazolylthion)-(S-benzothiazolylmercapto)methane.
Zhur.ob.khim. 33 no.3:955-959 Mr '63. (MIRA 16:3)

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I. Martsinovskogo Ministerstva zdravookhraneniya SSSR.
(Benzothiazole) (Mannich reaction)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

KOLOSOVA, M.O.; STAVROVSKAYA, V.I.

2-Mercaptothiazole in the Mannich reaction. Zhur. ob. khim. 33 no.8:2778-2785 Ag '63. (MIRA 16:11)

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

ACC NR: AP6011896 (A,N) SOURCE CODE: UR/0358/66/035/003/0320/0323

AUTHOR: Ivanova, L. V.; Stavrovskaya, V. I.

ORG: Entomology Division and Division of Synthetic Compounds, Institute of Medical Parasitology and Tropical Medicine, Ministry of Health im. Ye. I. Martsinovskogo, Moscow SSSR (Entomologicheskiy otdel i otdel sinteticheskikh preparatov Instituta meditsinskoy parazitologii i tropicheskoy meditsiny Ministerstva zdravookhraneniya SSSR)

TITLE: Preliminary data on the use of a new insect repellent, M-toluic acid piperidylamide

SOURCE: Meditsinskaya parazitologiya i parazitarnyye bolezni, v. 35, no. 3, 1966, 320-323

TOPIC TAGS: insect repellent, ~~organic chemistry,~~ organic synthetic process, INSECTICIDE

ABSTRACT: The insect-repelling properties of the N-piperidylamide of m-toluic (R-228) acid were tested against *Aedes sp.* and *Mansonia richiardi* mosquitoes. A 12—25% alcoholic solution was an effective repellent. When added to standard repellents, R-228 lengthens their effectiveness. The formula for R-228 is shown below;

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MIROPOL'SKIY, Z.L., kand.tekhn.nauk; SHITSMAN, M.Ye., kand.tekhn.nauk; MOSTINSKIY, I.L., inzh.; STAVROVSKIY, A.A., inzh.

Effect of inlet conditions on the critical thermal flows during the boiling of water in pipes [with summary in English]. Teploenergetika 6 no.1:80-83 Ja '59. (MIRA 12:1)

1. Energeticheskiy institut AN SSSR.
(Steampipes) (Thermodynamics)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STYRIKOVICH, M.A.; MIROPOL'SKIY, Z.L., kand.tekhn.nauk; SHITSMAN, M.Ye., kand.tekhn.nauk; MOSTINSKIY, I.L., inzh.; STAVROVSKIY, A.A., inzh.; FAKTOROVICH, L.Ye., inzh.

Effect of superimposed elements on the setting up of boiling crisis in the steam generating pipes. Teploenergetika 7 no.5:81-88 My '60. (MIRA 13:8)

1. Energeticheskiy institut AN SSSR. 2. Chlen-korrespondent AN SSSR (for Styrikovich).
(Heat--Radiation and absorption) (Boilers)

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L 51503-65 EWT(d)/EED-2/EWP(1) Pq-4/Pg-4/Pk-4 IJP(c) BB/GG

ACCESSION NR: AP5015343 UR/0286/65/000/009/0093/0093
681.142.65

AUTHOR: Borozinets, B. V.; Stavrovskiy, A. N. 39 B

TITLE: Multichannel analog storage. Class 42, No. 170759 160

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 93

TOPIC TAGS: analog computer, computer memory, computer storage device

ABSTRACT: This Author's Certificate introduces a multichannel analog storage unit which contains keying circuits and memory elements which are made up of cathode followers with capacitors in the grid circuit. The device is simplified by connecting the output of an amplifier to the memory elements through output keying circuits. The memory units are connected through feedback resistors to input diode keys. The diodes are connected at one end to the amplifier input and at the other end to input resistors in a quantity equal to the number of channels.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut elektroenergetiki

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

L 51503-65

ACCESSION NR: AP5015343

(All-Union Scientific Research Institute of Electric Power Engineering)

SUBMITTED: 09Jul64 ENCL: 00 SUB CODE: DP

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

L 06109-67

ACC NR: AP5023617 SOURCE CODE: UR/0105/66/000/007/0085/0089

AUTHOR: Ginsburg, S. A. (Doctor of technical sciences); Stavrovskiy, A. N.(Engineer); Shlimovich, V. D. (Engineer)

27
B

ORG: VNIIE

TITLE: Special-purpose computers for calculating economic distribution of active loads in power systems [A review]

SOURCE: Elektrichestvo, no. 7, 1966, 85-89

TOPIC TAGS: electric power system, electric power transmission, special purpose computer

ABSTRACT: Based on 1957-65 Soviet, 1955-62 Western, and 1959-64 Japanese literature, a review is presented which covers the following points: Scope of problems and type (mostly analog) of computer.Representation of incremental-rate characteristics of plants.Allowance for network losses. Uses of special-purpose computers and economic efficiency:(a) prediction of load diagrams, (b) counseling the dispatcher, and (c) automatic control. Data re uses of special-purpose computers in the following power systems is presented: Estonian Power System; Sverdlovsk, Chelyabinsk, Bashkir ASSR, Donbass Power Systems; Ural Joint Dispatching System; European-SSSR Joint Dispatching System; Altay Power System; Georgian SSR Power System; West-Siberian Joint Dispatching System; Hungarian Joint Dispatching System; S. California, Edison Co; West Penna; Ohio, Edison Co; Colorado Public Service Co; unnamed Soviet Power System; Kusu, Tubu, Japanese System; Tugoku, Tokyo System. Orig. art. has: 1 table.

SUB CODE: 09,10/ SUBM DATE: none / ORIG REF: 023 / OTH REF: 020

UDC: 681.142.35:621.31

Card 1/1 LC

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SOV/20-126-4-20/62

3(9)

AUTHOR: Stavrovskiy, A. S.

TITLE: The Propagation of Waves on Boundaries of Elastic Semi-spaces Caused by Liquid Waves in a Basin With Abruptly Changing Depth (Rasprostraneniye voln na granitse uprugogo poluprostranstva, vyzyvayemykh volnami zhidkosti v basseyne so skachkoobrazno menyayushcheysya glubinoy)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 4, pp 763 - 768 (USSR)

ABSTRACT: By means of the dynamic elasticity theory the propagation of a rectangular elevation in a semi-bounded basin containing a liquid is calculated. The deformation of the liquid elevation at the place of the transition from the deep to the shallow range of the basin as well as in the shore region is investigated. The propagation is expressed by a scalar and a vectorial potential according to the equations (1). The equations of motion of the medium are given by (2). From these two systems of equations the horizontal and vertical propagation are obtained by means of a Laplace transformation as functions of time and place (6). Further, the propagation on the boundaries is inves-

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tigated and for the horizontal propagation by volume waves the equation (7) is given. Equation (9) gives the propagation by Rayleigh waves. In conclusion, the diagram of figure 2 is discussed, which shows a seismogram of the horizontal propagation made for a section of 300 km from the coast. There are 2 figures and 1 Soviet reference.

ASSOCIATION: Morskoy gidrofizicheskiy institut Akademii nauk SSSR (Maritime Hydrophysical Institute of the Academy of Sciences, USSR)

PRESENTED: February 14, 1959, by V. V. Shuleykin, Academician

SUBMITTED: February 11, 1959

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, A.S.

Theory of microseisms caused by tsunamis approaching the shore line at an angle. Trudy Okean.kom. 11:113-129 '61. (MIRA 14:7)
(Microseisms) (Tidal waves)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

SRETENSKIY, L.N.; STAVROVSKIY, A.S.

Computing the height of tsunamis along the cost. Trudy MGI 24:25-47 '61. (MIRA 14:6)

(Tidal waves)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, A.Ye.; MARKOV, N.G., redaktor; SAKHAROVA, N.V., tekhnicheskiy redaktor.

[Mineral resources; textbook for the elementary school teacher] Poleznye iskopaemye; posobie dlia uchitelia nachal'noi shkoly. Moskva, Gos. uchebno-pedagog. izd-vo, 1948. 94 p. (MLRA 6:5)

(Mineralogy--Study and teaching)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

Stavrovskii, [illegible] [illegible] po [illegible] kraiu (opyt [illegible] ekspeditsii). [illegible] uchitelei. Utverzhdeno Ministerstvom prosveshcheniia RSFSR. Moskva, [illegible], 19[illegible]. 108 p. DL : Unclass.

SO: LC, Soviet Geography, Part I, 1951, uncl.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, A. N.

Geography & Geology

Extracurricular work in regional studies; Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1951. (Pedagogicheskaia biblioteka uchitelia).

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

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STAVROVSKIY, A. YE.

Mineralogy

Guide to mine als and rocks . Reviewed by F. P. Okhapkin Geog. v shkole, no.2, 1952

9. Monthly List of Russian Accessions, Library of Congress, Juen 1952 Uncl.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

Vneklassn[illegible] V-VII [illegible] sel'skoi [illegible] [Extracurricular work in history in the 5th-7th classes of the rural school in connection with local [illegible] study]. [illegible], [illegible]. ped. nauk [illegible], [illegible]. [illegible] p.

SO: Monthly List of Russian Accessions, Vol 7, No 4, July 1954.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

[redacted], A. I.

School Excursions

Student excursions to the country and socialistic agriculture. Est. v shkole No. 2, '53.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, A.Ye.

Some problems of methodology in the work of young naturalists. Est. v shkole no.4:39-48 Jl-Ag '53. (MLRA 6:6)

(Natural history--Study and teaching)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, A.Ye.; MESTERGAZI, M.M., redaktor; VEDENEYEV, Ye.A., tekhnicheskiy redaktor.

[Regional study work in the school] Kraevedcheskaia rabota v shkole. 2-e, perer. i dop. izd. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1954. 207 p. (MLRA 7:10)

(History--Study and teaching) (Geography--Study and teaching)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, A.Ye, kandidat pedagogicheskikh nauk.

The Communist Youth League is the teacher's faithful assistant in organizing schoolchildren's agricultural tasks. Est. v shkole no.3:3-7 My-Je '54. (MLRA 7:7)

1. Institut metodov obucheniya Akademii pedagogicheskikh nauk R.S.F.S.R.
(Agricultural laborers)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

PASTUKH, Yelena Yakovlevna; STAVROVSKIY, Aleksandr, Yevgen'yevich; FIALKINA, G.A., redaktor; GARNEK, tekhnicheskiy redaktor.

[Topic plan for extracurricular work in biology in secondary schools] Tematika vneklassnoi raboty po biologii v srednei shkole. Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1955. 135 p. (MLRA 9:5)
(Biology--Study and teaching)

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KUZ'MIN, Petr Aleksandrovich; STAVROVSKIY, A.Ye., redaktor; PROFERANSOVA, N.V., redaktor; GOROKHOV, Yu.N., tekhnicheskiy redaktor

[The school and agriculture; work practice of schools in Barysh District, Ul'yanovsk Province] Shkola i sel'skoe khoziaistvo; iz opyta raboty shkol Baryshskogo raiona Ul'ianovskoi obl. Pod red. A.E.Stavrovskogo. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 19 p. (MLRA 9:11)
(Barysh District--Agriculture--Study and teaching)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

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SHIBANOV, A.A., STAVROVSKIY, A.Ye; SHCHERBAKOV, M.I.; SMIRNOV, V.I.; PROFERANSOVA, N.V., redaktor; SOKOLOVA, R,YA., tekhnicheskiy redaktor.

[Studying agriculture in rural schools] Izuchenie sel'skokhoziaistvennogo proizvodstva v sel'skoi shkole. Moskva, Izd-vo Akad. pedagog.nauk RSFSR, 1956. 191 p. (MLRA 10:6)

(Agriculture--Study and teaching)

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STAVROVSKIY, Aleksandr Yevgen'yevich; PETROVSKAYA, Ye.P., redaktor; SMIRNOV, G.I., tekhnicheskiy redaktor

[Practical manual on the principles of stockbreeding; a textbook for 9th grade students in rural schools] Praktikum po osnovam zhivotnovodstva; rukovodstvo dlia uchashchikhsia IX klassa sel'skoi shkoly. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1956. 114 p. (MLRA 10:3)
(Stock and stockbreeding)

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FLEROVA, Ye.A.; STAVROVSKIY, A.Ye.; SHALAYEVA, V.F.; YELAGIN, V.D., redaktor; PROFERANSOVA, N.V., redaktor; VOLKOV, A.P., tekhnicheskiy redaktor

[Experience in teaching biology; a collection of articles] Opyt prepodavaniia biologii; sbornik statei. Pod red. E.A.Flerovoi, A.E.Stavrovskogo i V.F.Shalaeva. Moskva, 1956. 254 p. (MLRA 9:10)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniya
(Biology--Study and teaching)

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BULATOV, N.P., redaktor; [illegible], I.I., redaktor; [illegible], F.F.; MALYSHEV, [illegible]; MEL'NIKOV, M.I.; SKATKIN, M.N.; STAVROVSKIY, A.Ya., SHIBANOV, A.A.; SHCHUKIN, S.V.; GONCHAROV, N.K., redaktor; TITKOV, [illegible], redaktor; [illegible], tekhnicheskiy redaktor.

[General technical training in secondary schools; work practice of city and rural schools] Politekhnicheskoe obuchenie v srednei shkole; iz opyta raboty gorodskikh i sel'skikh shkol. Moskva, 1956. 279 p. (MLRA 9:5)

1.Akademiya pedagogicheskikh nauk RSFSR, Moscow.
(Technical education)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

PLETNEV, Vladimir Stepanovich; STAVROVSKIY, A.Ye., red.; KOPTEKOVA, L.A., red.; SOKOLOVA, R.Ya., tekhn. red.

[Work of grade 5-7 students in agriculture; from the experience of the Kursk Province schools] Trud uchashchikhsia V-VII klassov sel'skokhoziaistvennom proizvodstve; iz opyta raboty shkol Kurskoi oblasti. Pod red. A.E.Stavrovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 56 p. (MIRA 14:7)
(Agriculture—Study and teaching)

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[illegible]OV, Alekcey Aleksandrovich; STAVROVSKIY, Aleksandr Yevgen'yevich; SHCHERBAKOV, Mikhail Ivanovich; TRUYEVTSEVA, M.F., redaktor; NATAPOV, M.I., tekhnicheskiy redaktor

[Practical manual on the principles of plant culture and agricultural machinery; a manual for students in grades 8 and 9 of secondary schools] Praktikum po osnovam rastenievodstva i sel'skokhoziaistvennomu mashinovedeniiu; posobie dlia uchashchikhsia VIII i IX klassov srednei shkoly. Izd. 2-oe. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1957. 119 p. (MLRA 10:10)
(Agriculture) (Agricultural machinery)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVROVSKIY, I.L.

Cost indexes of lumbering establishments. Les.prom. 35 no.4: 28-29 Ap '57. (MLRA 10:5)

1. Ural'skiy lesotekhnicheskiy institut.
(Lumbering--Costs)

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STAVROVSKIY, Ye.L., inzh.; TERENT'EV, A.N., inzh.

Agricultural machinery at the Leipzig Fair of 1958. Mekh.i elek.sots. sel'khoz. 16 no.5:57-59 '58. (MIRA 11:11)

1. TSentral'naya mashinoispytatel'naya stantsiya (for Stavrovskiy).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva (for Terent'ev).
(Leipzig--Agricultural machinery--Exhibitions)

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[illegible], Ye.R., [illegible]

Universal program for calculating gas-gathering systems. Gaz. prom. 10 no.7:10-11 '65. (MIRA 18:8)

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STAVS'KA, S.S.

Studying the solubility and antimicrobic characteristics of N-dichloroiodosalicylanilide and its halogen derivatives. Visnyk Kyiv. un. no.5. Ser.biol. no.1:77-80 '62. (MIRA 16:5)
(SALOCYLANILIDE) (BACTERICIDES) (HALOGEN COMPOUNDS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKAYA, S.S. [Stavs'ka, S.S.]

Effect of N-dichloroiodosalicylanilide and its haloid derivatives on tubercle bacteria. Mikrobiol. zhur. 26 no.1:59-64 '64. (MIRA 18:11)

1. Kiyevskiy gosudarstvennyy universitet, kafedra mikrobiologii i antibiotikov.

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STAVSKAYA, S.S. [Stavs'ka, S.S.]

N,dichloroiodosalicylanilides, new synthetic compounds with antifungal effect. Mikrobiol. zhur. 27 no.5:70-74 '65. (MIRA 18:10)

1. Kiyevskiy gosudarstvennyy universitet.

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ASTAF'YEV, V.Ye., inzh.; STAVSKAYA, G.I., inzh.; SKVORTSOV, N.N., kand. ekonom. nauk

Effectiveness of "chemization" in the electric equipment industry. Energ. i elektrotekh. prom. no.3:68-69 Jl-S '65. (MIRA 18:9)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

USSR/Medicine - Dysentery Feb 1948
Medicine - Case Records

PA47T61

"Certain Features of the Clinical Progress of Acute Dysentery," V. V. Stavskaya, Z. I. Soomovik, B. N. Popov, Deputy, Dysentery Sec, Preliminary Therapeutic Clinic, First Leningrad Med Inst imeni Academician Pavlov, 8 pp

"Klin Medite" Vol XXVI, No 2

Discuss type of dysentery observed during the blockade of Leningrad. State that there was slight indication of intoxication, negligible temperature reaction, absence of typical stools, and spasms. Also sharp drop in natural immunity of population

47T61

USSR/Medicine - Dysentery (Contd) Feb 1948

of Leningrad. Based on data collected during period, 1943 - 1945. Director of Preliminary Therapeutic Clinic: Prof M. D. Tushinskiy, Active Member, Academy of Medical Sciences, USSR.

47T61

STAVSKAYA, V. V.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKAYA V. V.

USSR/Medicine - Tests, Physiology FD-2570

Card 1/1 Pub. 17-23/23

Author : Stavskaya, V. V.

Title : On methods for evaluating the functional state of capillaries

Periodical : Byul. eksp. biol. i med. 5, 77-79, May 1955

Abstract : Discusses and compares different methods for determining capillary resistance. Investigated the nature of functional breakdowns in capillaries which appear during Nesterov's capillary resistance test. Tables. Seventeen references, 11 of them USSR (6 since 1940).

Institution : Chair of Propaedeutics of Internal Diseases (Head - Prof. M. D. Tushinskiy, Member of the Academy of Medical Sciences USSR) of the 1st. Leningrad Medical Institute imeni I. P. Pavlov.

Submitted : April 30, 1954 by M. D. Tushinskiy, Member of the Academy of Medical Sciences USSR

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

TUSHINSKIY, M.D., STAVSKAYA, V.V., SKARLATO, Ye.S. SKRYABINA, Ye.A.

Clinical characteristics of influenza in Leningrad in the 1957 pandemic. Vest.AMN SSSR. 13 no.7:14-20 '58 (MIRA 11:8)

1. Kafedra propedevticheskoy terapii I-go Leningradskogo meditsinskogo instituta imeni akad. I.P. Pavlova.
(INFLUENZA, manifest.
Asian, in Russia (Rus))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

TUSHINSKIY, M.D., STAVSKAYA, V.V., YAROSHEVSKIY, A.Ya., DAVIDENKOVA, Ye.F., SKARLATO, Ye.S., KAN, Ye.L., SKRAYABINA, Ye.A. (Leningrad)

Clinical aspects of the pandemia of influenza in 1957. Klin.med. 36 no.5:43-48 My '58 (MIRA 11:7)
(INFLUENZA, epidemiology
in Russia, pandemia (Rus))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

TUSHINSKIY, M.D.; STAVSKAYA, V. V. (Leningrad)

Clinical features of influenzal pneumonia in 1957. Klin. med. 37 no.3:65-75 Mr '59. (MIRA 12:7)

1. Iz propedevticheskoy terapevticheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR prof. M. D. Tushinskiy) I Leningradskogo meditsinskogo instituta.

(INFLUENZA, compl.
pneumonia, clin. features (Rus))
(PNEUMONIA, etiol. & pathogen.
influenza, clin. features (Rus))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

S"AVSKAYA, V.V., kand.med.nauk

Condition of the capillaries in influenza. Vrach.delo no.1:95 '60. (MIRA 13:6)

1. Propedevticheskaya klinika (zav. - deystvitel'nyy chlen AMN SSSR, prof. M.D. Tushinskiy) Pervogo Leningradskogo meditsinskogo instituta.
(INFLUENZA) (CAPILLARIES)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

TUSHINSKIY, M.D.; STAVSKAYA, V.V.; BOGORODSKAYA, T.A.; KAN, Ye.L.; LERMONTOV, V.V. (Leningrad)

Some clinical and diagnostic problems in influenza. Klin.med. no.12:54-60 '61. (MIRA 15:9)

1. Iz kafedry propedevticheskoy terapii (zav. - prof. M.D. Tushinskiy) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

(INFLUENZA)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

KASHKIN, P.N.; ZLATINA, K.M.; STAVSKAYA, V.V.; FRIDMAN, E.A. (Leningrad)

Etiology of pneumonia. Klin.med. no.4:31-37 '62. (MIRA 15:5)

1. Iz kafedry mikrobiologii (zav. - prof. P.N. Kashkin) Instituta usovershenstvovaniya vrachey imeni S.M. Kirova, kafedry propedevticheskoy terapii (zav. - deystvitel'nyy chlen AMN SSSR prof. M.D. Tushinskiy [deceased]) 1 Leningradskogo meditsinskogo instituta imeni akad. I.P. Pavlova i otdeleniya virusologii (zav. E.A. Fridman) Instituta imeni Pastera.
(PNEUMONIA)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKAYA, V. V., dotsent; DAVYDOVA, T. A., kand. med. nauk;
IGNAT'YEVA, N. A. (Leningrad)

Clinical characteristics of an outbreak of influenza in the spring of 1961. Klin. med. 40 no.7:41-47 Jl '62. (MIRA 15:7)

1. Iz kafedry propedevticheskoy terapii (zav. - deystvitel'nyy chlen AMN SSSR prof. M. D. Tushinskiy[deceased]). I Leningradskogo instituta imeni akad. I. P. Pavlova)

(INFLUENZA)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

ZOTINA, R.S.; KIREYEVA, A.Ya.; FABRIKANT, L.D.; STAVSKIY, A.T., red.; KAPRALOVA, A.A., tekhn. red.

[Collection of problems in mathematical statistics and probability theory]Sbornik zadach po matematicheskoi statistike i teorii veroiatnostei. Moskva, Gosstatizdat, 1962. 183 p. (MIRA 16:2)

(Mathematical statistics) (Probabilities)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

SOV/140-59-2-23/30

AUTHOR: Stavskiy, M.Sh.

TITLE: Connection Between the Increase of an Entire Function of Several Complex Variables and the Set of Singular Points of the Function Associated With it (Svyaz' mezhdu rostom tseloy funktsii neskol'kikh kompleksnykh peremennykh i mnozhestvom osobykh tochek assotsiirovannoy s ney funktsii)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959, Nr 2, pp 227-232 (USSR)

ABSTRACT: V.K.Ivanov [Ref 1] generalized the well-known theorem of Polya on the connection between the conjugated and the indicator diagram of an entire function to entire functions of several variables. The author proves again the theorem of Ivanov, where he succeeds in omitting some additional assumptions of Ivanov. Several lemmas of [Ref 1] are used. The author mentions L.I. Ronkin.
There are 3 Soviet references.

ASSOCIATION: Barnaul'skiy pedagogicheskiy institut (Barnaul Pedagogical Institute)

SUBMITTED: December 24, 1957

Card 1/1

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKIY, M.Sh.

Hartogs's theorem in certain normalized fields. Dokl. AN SSSR 161 no.4:776-779 Ap '65. (MIRA 18:5)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut im. V.I. Lenina. Submitted December 28, 1964.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

L 34055-66 EWT(d) IJP(c)

ACC NR: AP6025472 SOURCE CODE: UR/0039/66/070/001/0113/0131

AUTHOR: Stavskiy, M. Sh. (Moscow)

ORG: none

Title: External linear measure and Hartog's theorem in certain normed fields

SOURCE: Matematicheskiy sbornik, v. 70, no. 1, 1966, 113-131

TOPIC TAGS: field theory, function theory, measure theory

ABSTRACT: The author considers a locally compact field that is complete with respect to a definite non-archimedian norm of rank 1 within it. Noncompactness is equivalent to the condition that the norm of the field is nondiscrete, or that the residue field of the normed field is infinite. The fundamental Hartog theorem from the theory of functions of several variables applies to such a field.

First, the author examines the external linear measure in non-archimedian metric space, which is a particular form of the field being considered. The results are then used in the complete proof of Hartog's theorem, which can be proved without the measure, but the proof is longer and somewhat artificial.

The author thanks A. O. Gel'fond and Yu. I. Manin for valuable remarks. Orig. art. has: 30 formulas. [JPRS: 36,775]

SUB CODE: 12 / SUBM DATE: 02Mar65 / ORIG REF: 006 / OTH REF: 001

UDC: 517.55

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STAVSKIY, P.I., inzh.

Concerning the compilation of new programs. Politekh. obuch. no.8: 12-14 Ag '59. (MIRA 12:10)
(Electric engineering--Study and teaching)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKIY, P.I.

Outlining the plan of the course. Politekh.obuch. no.12: 19-22 D '59. (MIRA 13:5)
(Teaching)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKIY, P.I. (Moskva)

Studying synchronized transmissions in the electric engineering course. Fiz.v shkole 22 no.1:56-58 Ja-F '62. (MIRA 15:3)
(Electric engineering--Study and teaching)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKIY, P. I. (Moskva)

Studying tracking transmissions in a course in electric engineering. Fiz. v shkole 22 no.4:51-55 Jl-Ag '62. (MIRA 15:10)

(Electric engineering—Study and teaching)
(Servomechanisms)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVSKII, Vladimir Petrovich, 1900-

Front notations Moskva, Gos. izd-vo khudozh. lit-ry, 1942. 292 p.
(43-40498)

D764.S86

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVTSEV, A.

PA 42/49T90

USSR/Radio, Two-Way Apr 49
Tractors

"Radio Communication in Machine Tractor Stations of Moscow Oblast," A. Stavtsev, Engr, MTS Adm, Moscow Oblast Agr Adm, 1 p

"Radio" No 4

In 1948, 30 of 110 MTSs in Moscow Oblast were using radio sets of the Urozhay and 12RPM type for radio communication between stations and 308 tractor brigades. Tractor brigades work in a radius of 3 - 40 km from MTSs. This year, Moscow Oblast has received 200 new Urozhay sets,

42/49T90

USSR/Radio, Two-Way (Contd) Apr 49

which will be used to establish radio communication in 20 more MTS's.

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STAVTSEV, A.K.; MENDELEV, M.B.; PRIVALOV, G.T.; GAPONOVICH, V.Ye.

First results. Tekst. prom. 24 no.3:34-36 Mr '64. (MIRA 17:9)

1. Glavnyy inzh. Kiyevskogo kombinata iskusstvennogo i sinteticheskogo volokna (for Stavtsev). 2. Glavnyy inzh. Krasnodarskogo kamvol'no-sukonnogo kombinata (for Mendelev). 3. Glavnyy inzh. Fryanovskogo kamvol'no-pryadil'noy fabriki (for Privalov). 4. Glavnyy inzh. Pavlo-Posadskogo kamvol'nogo kombinata (for Gaponovich).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVTSEV, A.L.

New principles of the development of tectonic terminology as revealed by a description of structures in the southeastern part of the Siberian Platform for the Late Pre-Cambrian. Sov. geol. 8 no.4:49-62 Ap '65. (MIRA 18:7)

1. Aldanskaya ekspeditsiya Vsesoyuznogo aerogeologicheskogo tresta Ministerstva geologii okhrany nedr SSSR.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

MORALEV, V.M.; STAVTSEV, A.L.

Basic tectonic features of the eastern margin of the Aldan Shield and adjacent areas. Trudy VAGT no.7:5-13 '61. (MIRA 14:7)
(Aldan Plateau--Geology, Structural)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

ANTIPOV, L.A., inzh.; LEZHEPEKOV, B.S., inzh.; STAVTSEV, B.N., inzh.

Selection of parameters for working units of a motor grader.
Stroi i dor. mash. 8 no.12:4-5 D'63 (MIRA 17:7)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

ANTIPOV, L.A., inzh.; LEZHEPEKOV, B.S., inzh.; STAVTSEV, B.N., inzh.; FEDOROV, Ye.P., inzh.

Improving the design of motor graders at the Orlov Factory. (MIRA 15:5)
Stroi.i dor.mash. 7 no.2:7-9 F '62.
(Graders (Earthmoving machinery))

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

KRIVOSHEYENKO, Grigoriy Karpovich; LEBEDEV, Vladimir Pavlovich; STAVTSEV, O.N., red.

[Automobile and the chemistry of macro-molecules] Avtomobil' i khimiia bol'shikh molekul. Moskva, Voenizdat, 1965. 74 p. (MIRA 19:1)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

Russia - Industries

Our assistance to great construction projects. V pom. profaktivu 13, No. 4, 1952.

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

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ALEKSANDROV, Nikolay Grigor'yevich, professor; KISELEV, Yakov L'vovich, kandidat yuridicheskikh nauk; STAVTSEVA, Antonina Il'inichna, kandidat yuridicheskikh nauk; SAKHAROVA, I.M., redaktor; KOSAREVA, Ye.N., tekhnicheskiy redaktor

[Labor rights of workers and employees in the U.S.S.R.; in questions and answers] Trudovye prava rabochikh i sluzhashchikh v SSSR; v voprosakh i otvetakh. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 197 p. (MLRA 10:1)
(Labor laws and legislation)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAVTSEVA, A. I., kand.yurid.nauk

Jurisdictional procedure in the review of labor disputes. Sots.trud no.12:132-137 D '58. (MIRA 13:4)
(Grievance procedures)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

NIKITINSKIY, Vasiliy Ivanovich; STAVTSEVA, Antonina Il'inichna; DENISOVA, I.S., red.; KOROBOVA, N.D., tekhn. red.

[Rights of the factory, plant and local trade-union committee] Kakimi pravami pol'zuiutsia FZMK. Moskva, Profizdat, 1962. 190 p. (MIRA 16:3)

(Trade unions)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

SOV/96-59-9-6/22

AUTHORS: Simoyu, M.P., Vul'man, F.A. and Stavtseva, S.A. (Engineers)

TITLE: The Thermal Design of a Boiler As Calculated on a 'Ural' Computer

PERIODICAL: Teploenergetika, 1959, Nr 9, pp 32-39 (USSR)

ABSTRACT: In designing an automatic control system for a boiler it is necessary to know its static characteristics, which is equivalent to making a thermal design at each of several different loads; this involves so many calculations that a great number of variants cannot be worked out. It was accordingly decided to programme a boiler design on a 'Ural' type computer. The 'Ural' is a small universal electronic digital computer which can carry out 100 operations a second. The main characteristics of the computer are briefly explained. The basic material in drawing up the best sequence of operations was derived from the standard design method of the All-Union Thermo-Technical Institute and the Central Boiler Turbine Institute. From the mathematical standpoint this method consists in solving a complicated system of non-linear algebraic equations by a method of successive approximations. The form of the system of equations used for calculating the convective heating surface is given as an

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example. Because of the nature of the 'Ural' computer it is inconvenient to feed it much data in the form of tables, and the methods by which the usual tables were replaced by equations are explained. The use of enthalpy diagrams is avoided by making direct calculations of heat content every time that it is required. The heat transfer coefficients and temperature heads were not taken from nomograms but from the equations from which the nomograms are constructed. The boiler design programme was then coded on perforated tape. Once the programme is drawn up a modern boiler of any construction can be designed, provided only that certain tables of initial data are filled. The initial data required for the design are of three kinds: numerical data for the boiler as a whole; numerical data for individual heating surfaces; and numerical data governing the sequence of design and the type of heating surface. Thus to make a thermal design it is necessary to complete the data called for in Table 1 for design of the boiler as a whole, in order to provide the data called for in Table 2 to determine the order of calculations and the type of heating surface. The method

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The Thermal Design of a Boiler on a 'Ural' Computer

of filling up these tables is explained. Approximate temperatures of gas and working substance at different parts of the boiler are entered in Table 1. The accuracy of the initially selected values greatly influences the computing time. Then Tables 3 and 4 must be completed with the initial data for each heating surface, characterising its geometry, excess-air factors, working-medium pressures and so on. The particular course of the design on the 'Ural' computer is then explained, and a block diagram of the programme is shown in Fig 2. The results of the calculations are provided in the form shown in Table 5. If the design is not in balance the calculations recommence automatically, using the intermediate temperatures determined at the first attempt. If the initial estimate of temperatures was a good one the operating time of the computer is about 30 minutes. A repeat calculation requires about 50 minutes, and a further approximation another 30-50 minutes. Hydraulic aerodynamic and other calculations can easily be included in the design. If the computer is used for boiler design in this way the designers are freed to consider

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constructional features of the boiler and to evaluate the different variants. It will also be possible to design a great many variants, and so to design boilers more economically.

Card 4/4 There are 2 figures, 6 tables and 4 references, 3 of which are Soviet and 1 English.

ASSOCIATION: TsNIIKA

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAWARSKI, Inocenty

Remarks on the biology of the ant, Monomorium pharaonis L. (Formicidae), and its harmfulness. Przegl zoolog 7 no.1: 57-60 '63.

1. Zaklad Systemtyki Zwierzat i Zoogeografii, Instytut Zoologiczny, Uniwersytet, Wroclaw.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAWARZ, Bernard, mgr inz.

New trends in testing crankshafts of marine diesel engines. Bud okretowe Warszawa 8 no.3:85-86 Mr '63.

1. Zaklad Budowy Silnikow Stoczni Gdanskiej, Gdansk.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAWARZ, Bernard, mgr inz.

Shaft fairing by mechanical release of stresses in outer fibers.
Bud okretowe Warszawa 8 no.4:133-134 Ap '63.

1. Stocznia Gdanska, Gdansk.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

FRENKEL, S;STAWENO, K.

Treatment of pulmonary tuberculosis with small doses of streptomycin. Gruzlica, Warsz. 20 no. 2:239-245 Mar-Apr 1952. (CLML 22:3)

1. Of the State Sanatorium of Tuberculosis (Director--Stanislaw Frenkel, M. D.), Prabuty and of the Institute of Tuberculosis (Director--Prof. J. Misiewicz, M. D.)

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DROESE, Janina; STAWICKA, Danuta; TOCZKO, Maria; NIZIOLEK, S.; BRZESKI, W.; REIFER, I.

Biosynthesis and metabolism of Lupinus angustifolius alkaloids. II Biosynthesis of alkaloids isolated from germs and cotyledons. Acta biochim.polon. 7 no.4:459-468 '60.

1. Katedra Biochemii SGGW i Zaklad Biochemii Roslin Instytutu Biochemii i Biofizyki PAN, Warszawa, Kierownik: prof. dr Ignacy Reifer.

(ALKALOIDS metab)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

REIFER, I.; WIEWIOROWSKI, M.; NIZIOLEK, S.; STAWICKA, D.; BRATEK, D.M.

Biogenesis of alkaloids. II. Bul Ac Pol biol 10 no.5:161-166 '62.

1. Institute of Biochemistry, and Biophysics, Polish Academy of Sciences, and Department of Biochemistry, Central College of Agriculture, Warsaw. Presented by J.Heller.

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STAWICKI, H.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, No. 10, Oct. 1958

STAWICKI, H. A standardization center of the shipbuilding industry. p. 500

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

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STAWICKI, H.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, No. 10, Oct. 1958

STAWICKI, H. A conference devoted to cooperation with the technical committees of the International Organization for Standardization in the field of construction, installations, and equipment of the ships for maritime and inland navigation. p. 502.

The more important standard released by the Polish Committee on Standards. p.503

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February, 1959, Unclass.

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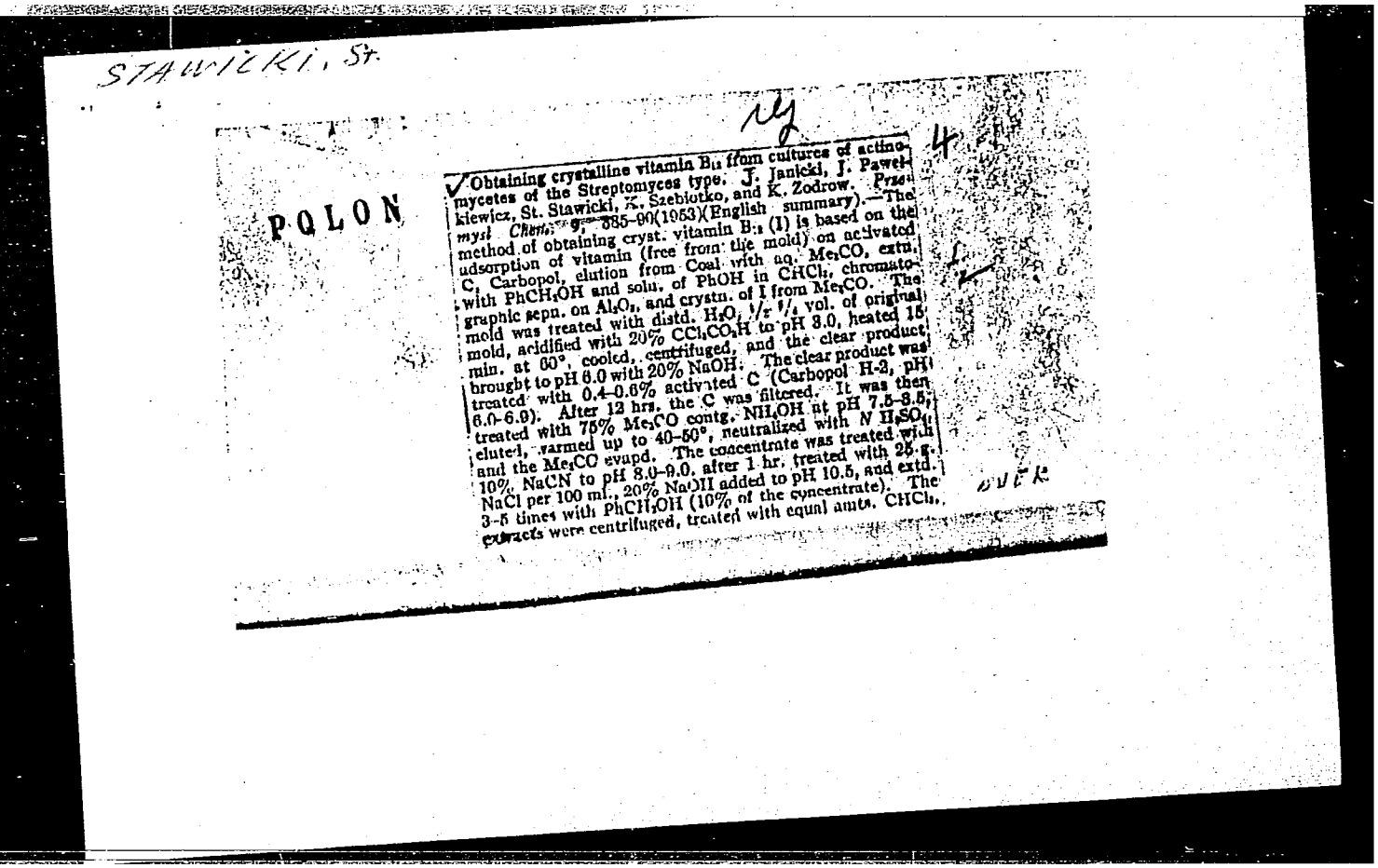

STAWICKI, St.

POLON

Obtaining crystalline vitamin B_{12} from cultures of actinomycetes of the Streptomyces type. J. Janicki, J. Pawelkiewicz, St. Stawicki, K. Szebiotko, and K. Zodrow. *Przemysł Chem.* 9, 685–90(1953)(English summary).—The method of obtaining cryst. vitamin B_{12} (I) is based on the adsorption of vitamin (free from the mold) on activated C, Carbopol, elution from Coal with aq. Me_2CO, extn. with $PhCH_2OH$ and solu. of PhOH in $CHCl_3$, chromatographic sepn. on Al_2O_3, and crystn. of I from Me_2CO. The mold was treated with distd. H_2O, ½ vol. of original mold, acidified with 20% CCl_3CO_2H to pH 3.0, heated 15 min. at 60°, cooled, centrifuged, and the clear product brought to pH 6.0 with 20% NaOH. The clear product was treated with 0.4–0.6% activated C (Carbopol H-2, pH 6.0–6.9). After 12 hrs. the C was filtered. It was then treated with 75% Me_2CO contg. NH_4OH at pH 7.5–8.5, eluted, warmed up to 40–50°, neutralized with *N* H_2SO_4, and the Me_2CO evapd. The concentrate was treated with 10% NaCN to pH 8.0–9.0, after 1 hr. treated with 25 g. NaCl per 100 ml., 20% NaOH added to pH 10.5, and extd. 3–5 times with $PhCH_2OH$ (10% of the concentrate). The extracts were centrifuged, treated with equal amts. $CHCl_3$,

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J. JINVICRI

and I washed 4–6 times with small portions H_2O, neutralized with *N* H_2SO_4, and extd. at first with $CHCl_3$ (20% of the extract), then with the mixt. of 20% $CHCl_3$ in PhOH, and at last several times with 10% $CHCl_3$ in PhOH. The extracts filtered, distd. *in vacuo* on the H_2O bath at 50–60°, washed with a little H_2O, were treated with Me_2O, 5–8 parts to 1 by vol. I in H_2O phase was washed with Me_2O, evapd., extd. with anhydrous MeOH, evapd., and chromatographed on Al_2O_3, especially prepd. I was eluted from the column with MeOH. The MeOH eluate was evapd. *in vacuo*, dissolved in H_2O, treated carefully with Me_2CO, centrifuged, and I crystd. from aq. Me_2CO. The ultimate yield of I was 60%. The extinction measurements showed that I contained 83.5% of anhydrous I. By use of the McNaught method it was detd. that I contained 1.23% Co; the amt. of cyanide was 1.88%. The clinical value of I was proved.

Gene A. Wozny

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653020009-5

STAWICKI, S.

Spectrophotometric method of determining vitamin B_{12} in cultures of microorganisms. J. Janicki, J. Pawelkiewicz, St. Stawicki, and K. Zodrow *Przemysł Chem.* 9, 609–11 (1953).—According to this method, which is a modification of Rudkin and Taylor's procedure (*C.A.* 46, 10251*b*), the dild. vitamin soln., obtained by extn. of the culture with $PhCH_2OH$, is washed with H_2O and extd. with Me_2CO after satn. with $(NH_4)_2SO_4$. The vitamin B_{12} is obtained in concd. form by evapn. of the Me_2CO under reduced pressure. The vitamin content is detd. by comparing the extinction at 588 mμ of the dicyanate complex with that of a known vitamin soln. The extinction coeff. was $E^{1\%}_{1cm.} = 58.3$. The deviation from Rudkin-Taylor coeff., $E^{1\%}_{1cm.} = 54$ at 582 mμ is attributed to use of different optical systems. The spectrophotometric method (reproducibility 10%) can be applied to all microbiol. prepns. A fair agreement was established with results of microbiol. tests with *Euglena gracilis*.

Gene A. Wozny

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STAWICKI, S.

Analytical Abst.
May 1954
Biochemistry

1110. **Spectrophometric method for the determination of vitamin B_{12} in microbiological cultures.** J. Janicki, J. Pawelkiewicz, S. Stawicki and K. Zodrow (*Przem. Chem.*, 1953, 32 [10], 509–511).—According to this method which is a modification of Rudkin and Taylor's procedure (*Brit. Abstr. C*, 1952, 562), the dil. vitamin soln., obtained by extraction of the microbiological culture with benzyl alcohol, is washed with water and extracted from this with acetone after saturation with $(NH_4)_2SO_4$. The vitamin B_{12} is obtained in conc. form by evaporation of the acetone under reduced pressure. The vitamin content is determined by comparing the extinction at 588 mμ of the dicyanate complex with that of a standard vitamin soln. The extinction coeff. established was $E^{1\%}_{1cm} = 58{\cdot}2$. The deviation from the Rudkin - Taylor extinction coeff., $E^{1\%}_{1cm} = 54$ at 582 mμ, is attributed to use of different optical systems. The spectrophotometric method (reproducibility ± 10 per cent.) can be applied to all microbiological preparations. Fair agreement was established with results of microbiological tests with *Euglena gracilis*.

H. BURSTIN

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Stawicki, S.

1981. **Biological determination of vitamin B_{12} with *Euglena gracilis*.** J. Janicki, J. Pawelkiewicz, S. Stawicki and K. Zochrow (*Przem. Chem.*, 1953, 32 (12), 614-616).—A strain of *Euglena gracilis* was grown on a nutrient free from vitamin B_{12}; this was used to determine the vitamin B_{12} in substances derived from the cultivation of *Actinomycetes* and various bacteria. The results agree within ± 5 per cent. with those obtained by the spectrophotometric method. The biological method is troublesome, but there is no substitute for it in the analysis of fermented substances or materials of a complicated chemical nature. H. BURSTIN

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STAWICKI, ST.

Production of vitamin B_{12} by Streptomyces. J. Janicki, J. Pawełkiewicz, St. Stawicki, and K. Zadrow (Wyższa Szkoła Roln., Poznań). *Acta Microbiol. Polon.* 3, 3–9 (1954).—The production of vitamin B_{12} (I) by 59 strains of *Streptomyces* (II) isolated frm various soils was studied. II were grown in a cornsteep ext.-peptone liquid medium. The I in mycelium was detd. by the *Euglena gracilis* assay method after 72–96 hrs. of fermentation. I was produced by 86% of the strains exmnd. Two strains produced I in concns. of 0.55 and 0.01, and the majority in concns. of 0.1–0.3 γ/ml. of medium. A new rapid colorimetric method for the detn. of I in mycelia is described. The fermented medium contg. the mycelia is centrifuged. The sediment is resuspended in half of the original vol. in distd. water, adjusted to pH 3.0 with a 20% soln. of CCl_3COOH, and heated at 60° for 15 min. After cooling to room temp. the sample is centrifuged, and 50 ml. of the supernatant liquid is adjusted to pH 8.0 with 10% NaCN. After 1-hr. standing 8 g. of Na_2SO_3 is added and the pH is adjusted to 11.0 with a 20% soln. of NaOH. An extn. with 5 ml. of benzyl alc. follows and the alc. ext. is centrifuged. Four ml. of the supernatant liquid is mixed with 1 ml. $CHCl_3$ and 1 ml. distd. water. The mixt. is shaken and centrifuged. Appearance of a pink color in the water phase indicates the presence of I. The intensity of color is proportional to the concn. of I; 0.3 γ of I per ml. can be detected.

Richard Ehrlich

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