

L 18404-63 EWT(d)/BDS AFFTC/ASD/APGC/IJP(C) Pg-4/Pk-4/Pl-4/Po-4/  
Pq-4 BC

ACCESSION NR: AP3003735

S/0103/63/024/007/0882/0890

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76

AUTHOR: Barbashin, Ye. A. (Sverdlovsk); Tabuyeva, V. A. (Sverdlovsk);  
Eyidinov, R. M. (Sverdlovsk)

TITLE: Stability of a variable control system upon a disturbance in the sliding conditions

SOURCE: Avtomatika i telemekhanika, v. 24, no. 7, 1963, 882-890

TOPIC TAGS: variable control system, third order control system, control system disturbance, MN-M model

ABSTRACT: Conditions of asymptotic stability of a third-order automatic-control system upon a sudden disturbance were investigated in previous (referenced) papers. Experiments staged by R. M. Eyidinov showed that a disturbance in the sliding conditions does not impair the quality of control; in a certain sense, the disturbance may even improve it. The present article offers theoretical and experimental substantiation for the stability of the above system when sliding

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conditions are disturbed. A third-order differential equation describing the transients in the control system is considered, and the case of a jump disturbance is discussed. An auxiliary theorem is formulated and proved. Results of the theoretical study were verified on a sort of experimental kit (MN-M model) that included 3 inertial units, 2 amplifiers, a summation unit, and an inverter. Oscillograms given in the article are evidence that a disturbance in sliding conditions, within certain limits, does not affect the quality of automatic control. Hence, the correction method is offered for the automatic control systems whose parameters vary in time. "The authors are thankful to I. N. Pechorina for her comments regarding their work." Orig. art. has: 5 figures and 15 formulas.

ASSOCIATION: none

SUBMITTED: 01Oct62

DATE ACQ: 02Aug63

ENCL: 00

SUB CODE: IE

NO REF SOV: 003

OTHER: 000

Card 2/2

ACCESSION NR: AP4040578

S/0010/64/028/003/0523/0528

AUTHORS: Barbashin, Ye. A. (Sverdlovsk); Tabuyeva, V. A. (Sverdlovsk)

TITLE: Theorems on asymptotic stability of solutions of certain third order differential equations with discontinuous characteristics

SOURCE: Prikladnaya matematika i mekhanika, v. 28, no. 3, 1964, 523-526

TOPIC TAGS: asymptotic stability, differential equation, nonlinear control system, variable parameter

ABSTRACT: The authors treat the problem of stabilizing nonlinear third order control systems somewhat differently from their previous treatment (Teorema ob ustoychivosti resheniya odnogo differentsial'nogo uravneniya tret'yego poryadka s razryvnoy kharakteristikoy. PMM, 1963, v. 27, No. 4). Thus, in the present work, the introduction of additional variable parameters makes it possible to guarantee slipping for any motion during an entire time interval. Stability is attained by increasing certain of the system's parameters. The points of the phase space are translated first to some surface, and then (with slipping) attain motion along this surface to the origin. The authors are able to obtain asymptotic

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stability of the zero solution. The possibility of attaining asymptotic stability was established by V. P. Baranovskiy for the linear case of third order systems; his work is based on the cited article by the present authors. Orig. art. has: 17 formulas.

ASSOCIATION: none

SUBMITTED: 26Jan64

DATE ACQ: 19Jun64

ENCL: 00

SUB CODE: MA

NO REF SOV: 006

OTHER: 000

Card 2/2

TABUYEVA, V.A.

Qualitative study of a differential equation of the second order in regulation theory. Dif. urav. 1 no. 12:1557-1567 D '65. (MIRA 18:12)

1. Matematicheskiy institut imeni Steklova, Sverdlovskoye otdeleniye. Submitted May 8, 1965.

ACC NR: APROB15

SOURCE CODE: 014970 05/001 012/1557/1567

AUTHOR: Tabuyeva, V. A.

ORIG: Sverdlovsk Section, Mathematical Institute Im. V. A. Steklov (Sverdlovskoye otdeleniye, Matematicheskly Institut)

TITLE: Qualitative study of a second-order differential equation of the control theory

SOURCE: Differentsial'nyye uravneniya, v. 1, no. 12, 1965, 1557-1567

TOPIC TAGS: second order differential equation, automatic control theory

ABSTRACT: A characteristic feature of systems with variable structure is their transition, at a certain instant of time, to a sliding mode which can be considered stable relative to the coordinate origin (the motion along the given surface of the phase space does not depend on the parameters of the plant). The author investigates the qualitative structure of the trajectories of equation

$$\ddot{x} + a\dot{x} + bx = -n\varphi(x), \quad (1)$$

on the phase plane  $x, \dot{x}$ . Here  $n = \text{sign } x(Ax + \dot{x})$ ; the parameters of the system are such that  $a > 0$ ,  $A > 0$ , and  $b$  has an arbitrary sign. The function  $\varphi(x)$  is assumed continuous for all

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ACC NR: AP6014167

$x \neq 0$ , can be sectionally differentiated, and for all  $x \neq 0$  satisfies the inequality

$$x \varphi(x) > 0. \quad (2)$$

In particular, for  $x = 0$  the function  $\varphi(x)$  may have a first-order discontinuity. The characteristics of the attraction region for the zeroth equilibrium state are established, a criterion for the existence of a definite attraction region is defined, and the corresponding patterns of the trajectories of Eq. (1) in the phase plane are described. Orig. art. has: 23 formulas and 3 figures.

SUB CODE: 12/ SUBM DATE: 08May65/ ORIG REF: 013

Card 2/2 af

TABYLDIYEV, K. V.

Qualitative characteristics of the Chulak-Tau phosphorite deposits.  
Vest. AN Kazakh. SSR 14 no.7:81-88 J1 '58. (MIRA 11:9)  
(Chulak-Tau--Phosphorites)



TABYLDIYEV, K.T.

Structural features of the Chulak-Tau phosphorite deposit. Izv.  
AN Kazakh. SSR. Ser. geol. no.3:41-52 159. (MIRA 13:12)  
(Chulak-Tau region--Phosphorites)

TABYBAYEV, F. T., Cand Geol and Mineral Sci -- (diss) "The Geological Formation and the Basic Types of Phosphoritic Ores of the Shulaktan." Alma-Ata, 1960 20 pages, 1 page plan (Academy of Sciences Kaz.SS; Inst of Geol Sci) 100 copies, no price given, (ZL, 21-59, 120.

TABYLDIYEV, K.T.

Metamorphism of phosphorites and enclosing rocks in the  
Chulak-Tau deposit. Trudy Inst.geol.nauk AN Kazakh.SSR  
no.4:55-62 '61. (MIRA 14:10)  
(Chulak-Tau Phosphorites)

GAPEYEV, A.P.; TABYLDIYEV, K.T.

Genesis and distribution of talc in the Lesser Kara-Tau  
(southern Kazakhstan). Zakonom. razm. polezn. iskop. 6:586-615  
'62. (MIRA 16:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i geokhimii AN SSSR.  
(Kara-Tau---Talc)

TABYLDIYEV, K.T.; SAGUNOV, V.G.

Mineral resources of ores important in agronomy in Kazakhstan.  
Izv. AN Kazakh SSR. Ser. geol. 21 no.3:11-22 My-Je '67.  
(MIRA 17:11)

1. Institut geologicheskikh nauk im. K.I. Satpayeva AN KazSSR,  
Alma-Ata.

МБТ ... н. н. геолого-минералогический наук

Possibilities of effective use of Karatau phosphorites and certain  
formulas applicable in the working of sheet deposits. Vest. AN  
Kazakh. SSR 21 no.7:36-40 Ji '65.

(MIRA 18:8)

SATIAYEV, K.I., akademik, glav. red.[deceased]; BOK, I.I., otv.  
red.; NABOKOV, N.P., red.; SAGUNOV, V.G., red.;  
TABYLDIYEV, K.T., red.; BRAILOVSKAYA, M.Ya., red.

[Geology and resources of agrochemical raw material of  
Kazakhstan] Geologiya i resursy agrokhimicheskogo syr'ia  
Kazakhstana. Glav. red. K.I.Satpaev. Alma-Ata, "Nauka,"  
Kazakhskoi SSR, 1965. 214 p. (MIRA 19:1)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut geo-  
logicheskikh nauk.

TABYTBAYEV, S.T., zasluzhennyy vrach KazSSR

Clinical statistical features of endemic goiter in Panfilov-  
skiy District and results of therapeutic and prophylactic  
measures. Zdrav.Kazakh. 17 no.7:22-26 '57. (MIRA 12:6)  
(PANFILOVSKIY DISTRICT (TALDY-KURGAN PROVINCE)--GOITER)





Country : USSR  
Category= : Human and Animal Physiology, Internal Secretion  
Abs. Jour. : Ref Zhur Biol., No. 2, 1959, No. 8278  
Author : Tabynbayev S.T.  
Institut. : --  
Title : The Morbidity of Endemic Goiter among School-Children  
of the Panfilovskiy Region of the Taldy-Kurganskiy  
Oblast in 1956 and 1957.  
Orig. Pub. : Zdravookhr. Kazakhstana, 1958, No. 5, 25--27  
Abstract : no abstract

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Card: 1/1

TACAR, I.

Yugoslavia (430)

General - Serials

Old dreams of new adventures. p. 10. D.  
Congress of Social Democratic Parties in  
Brussels. p. 10. LJUDSKA PRAVICA.  
(Komunistična Partija Slovenije) Ljubljana.  
(Weekly illustrated organ of the Communist

East European Accessions List. Library of  
Congress, Vol. 1, no. 13, November 1952.  
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"Card 1 of 2"

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DOLGOVA-KORUBIN, Vera; KAMENFILSKI, Borislav; TACER, Isak

Polycythemia in a coagulation defect following radiophosphorus therapy. Srpski arh. celok.lek. 91 no.7:735-739 J1-Ag'63.

1. Institut za patolosku fiziologiju Medicinskog fakulteta Univerziteta u Skoplju. Upravnik: prof. dr. Isak Tacer.

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L 13541-66 ETC(F)/EWG(m)/T DS

ACC NR: AP6005998

SOURCE CODE: CZ/0053/65/014/004/0271/0272

AUTHOR: Tacev, T.; Vacek, A.

ORG: Biophysics Institute CSAV, Brno (Biofyzikalni ustav CSAV)

TITLE: Use of solid electrodes to measure oxygen requirements of tissue in vitro  
[This paper was presented at the Conference on Electrochemical Measurement of Oxygen  
in Biological Materials, Brno, 23 October 1964.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 271-272

TOPIC TAGS: oxygen, electrode, platinum, medical laboratory instrument

ABSTRACT: Study of 2 types of electrodes reveals that the vibratory platinum electrode reacted faster to changes in oxygen concentration than the Clark electrode, provided that inadequate tissue homogenization did not introduce artefacts.  
[JPRS]

SUB CODE: 06, 14 / SUBM DATE: none

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2

U.S.S.R. Academy of Sciences, A. I.

"Hydro-meteorological servicing of the Shcherbakov Hydroelectric Power Station during the period of formation of ice accumulations," *Meteorol. i gidrologiya*, No 2, 1953, pp 41-44.

An analysis of the causes of the occurrence of bottom ice (underwater ice) at the Shcherbakov Hydroelectric Power Station in 1950 and 1952 showed that strong winds during the period of ice accumulation (greater than 10 meters/second) caused super-cooling of the water in the reservoir. In 1950 the formation of the focus of super-cooled water in the central part of the Sheksinitskiy orifice occurred for air temperatures  $-3$  to  $-5^{\circ}$ , when the station operated with mean discharge; in 1952 during clear weather with air temperatures  $-5$  to  $-7^{\circ}$  the station operated with minimum discharge. (*MZhGid*, No 5, 1954)

SO: Sov. No. 551, 1 Jul 55

TACHALOV, S.N.

Methods of forecasting difficult ice conditions at the Shcherbakov  
Hydroelectric Power Station. Trudy GGI no.66:75-91 '57. (MIRA 11:1)

1. Rybinskaya gidrometeorologicheskaya observatoriya.  
(Shcherbakov Hydroelectric Power Station)  
(Ice on rivers, lakes, etc.)



AUTHOR: Tachalov, S. N. SOV/50-58-11-12/25

TITLE: Rare Cases of Ice Formation on the Rybinsk Storage Reservoir in Spring (Redkiye sluchai vesennego ledostava na Rybinskom vedokhranilishche)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 11, pp 39-40 (USSR)

ABSTRACT: In spring 1956 a rare case of ice formation at a positive air and water temperature was observed in the Pereborsky Bay of the Rybinsk storage reservoir. On May 11th the wind drove a large quantity of ice from the storage reservoir into the above mentioned bay already free from ice. Before the arrival of the ice the water temperature in this was  $+2.7^{\circ}$  in 0.4 m depth. It sank after the appearance of the ice to  $+1.6^{\circ}$ . In the night of May 14th all gaps in the ice-covered area and the ice-free surfaces of the bay were covered by fresh crystalline ice of up to 1 cm thickness. This ice formation was preceded by winds from the Northern quadrants. The water temperature dropped to  $+1.0^{\circ}$  during the night in which the ice formed. The lowest ground temperature was, however, not below  $+1.8^{\circ}$  and there was no night frost. A rare phenomenon such as this has only been known to occur in the Arctic Ocean. On April 27th, 1957, the

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SOV/50-58-11-12/25

Rare Cases of Ice Formation on the Rybinsk Storage Reservoir in Spring

described phenomenon occurred again in the Pereborsky Bay. The thickness of the ice was 2-3 mm. However, this time the bay had not yet been free from ice. The water temperature was  $+0.8^{\circ}$  in 0.4 m depth and  $+0.4^{\circ}$  in 0.1 m depth. The lowest air temperature was  $+1.2^{\circ}$ , the lowest ground temperature  $+0.1^{\circ}$  with clear sky.

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TACHALOV, S.H.

Thermal conditions of Rybinsk Reservoir. Sbor. rab. Ryb.  
gidromet. obser. no.1:106-130 '59. (MIRA 14:7)  
(Rybinsk Reservoir--Temperature)

TACHALOV, S.N.

Calculation of the mean water temperature and heat content  
of the Rybinsk Reservoir. Sbor. rab. Ryb. gidromet. obser.  
no. 2:61-71 ' 65. (MIRA 19:1)

Dynamics of the change in areas of submerged tree vegeta-  
tion and floating peat islands on the Rybinsk Reservoir.  
Ibid.:115-122.

KOZHEVNIKOV, Ye.M., veterinarnyy vrach po boleznyam ptits; GOLYSHKIN, I.M.,  
veterinarnyy vrach po boleznyam ptits; DMITRIYEVA, P.M.,  
veterinarnyy vrach po boleznyam ptits; BABKINA, A.A., veterinarnyy  
vrach po boleznyam ptits; TAYTLER, Ya.N., veterinarnyy vrach;  
TACHANOV, A.T., veterinarnyy fel'dsher

Eliminating pasteurellosis in poultry. Veterinariia 42  
no.8:8-10 Ag '65. (MIRA 18:11)

1. Voronezhskaya oblastnaya veterinarnaya laboratoriya (for  
Khozhevnikov, Golyshkin, Dmitriyeva, Babkina). 2. Sovkhoz  
"Buda-Koshelevskiy" Gomel'skoy oblasti (for Taytler, Tachanov).

SERBAN, Al. M.D.; MAXIMILIAN, C.; TACHE, Alina

Monozygotic twins with heterotrichosis. Stud. carcet. endocr. 13  
no.3:399-406 '62.

(HAIR abnormalities) (TWINS diseases)  
(HYPERTRICHOSIS genetics)

SERBAN, AL. M.D.; SAVESCU, Gh.; TACHE, Alina; BUSILA, Eugenia

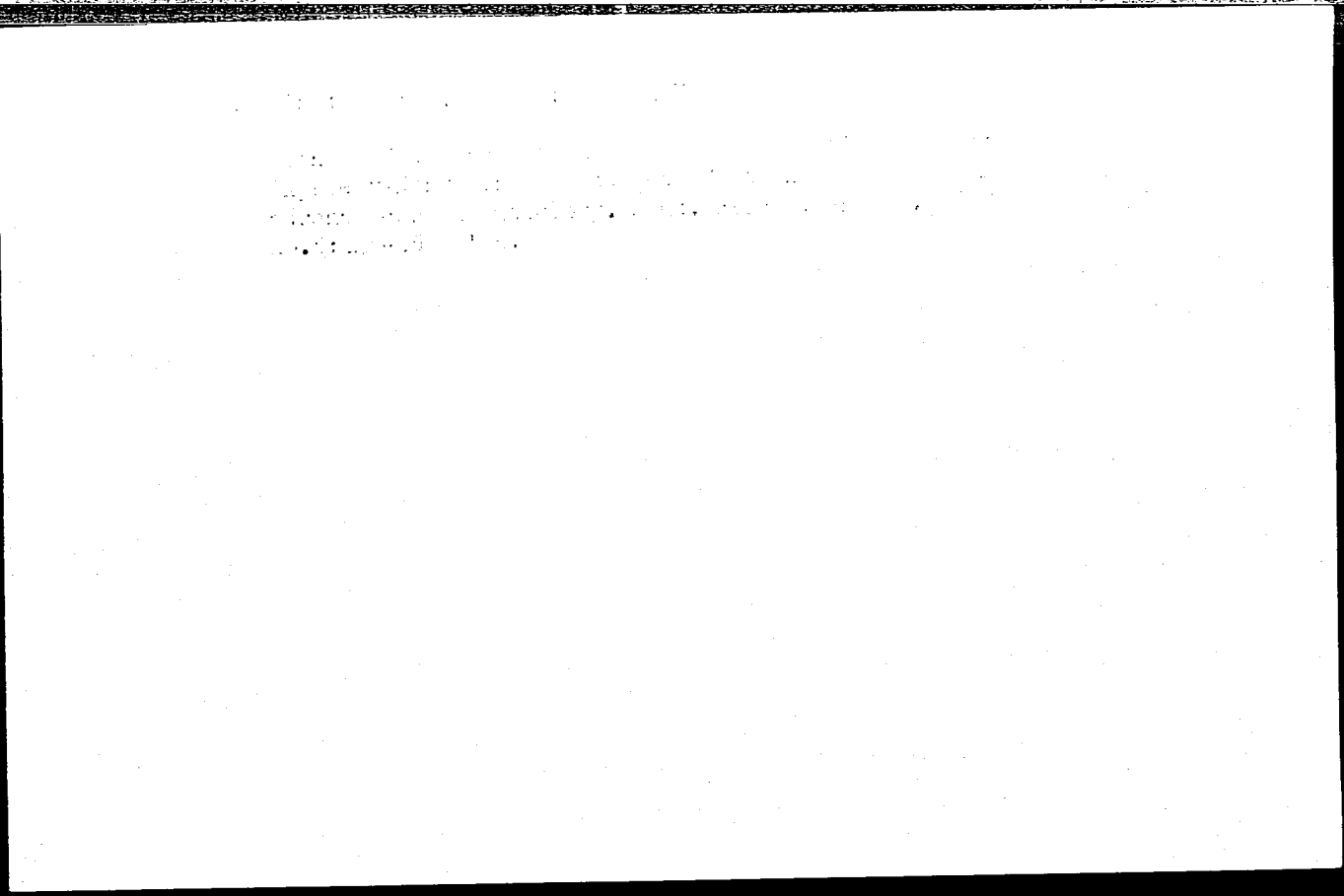
Considerations on the tissue factor in hypertrichosis. Stud. cercet.  
endochr. 13 no.5:685-691 '62.

(VERILISM) (HYPERTRICHOSIS) (17-KETOSTEROIDS)  
(MENSTRUATION DISORDERS) (GONADTROPINS)

DRAFTA, Denise; CIOCIRDA, Cezarina; OPRESCU, Maria; BUSILA, Eugenia;  
CRISTOVESANU, Ana; TACHE, Alina; BUNEA, Minodora

New methods of steroid determination for use in clinical endocrinology.  
Stud. cercet. endocr. 14 no.1:63-74 '63.  
(STEROIDS) (ENDOCRINOLOGY) (DIAGNOSIS) (URINE)  
(BLOOD CHEMICAL ANALYSIS) (CHROMATOGRAPHY)





UNO. 11. 1961. Nr. 1. Bucuresti. A. H. H. H. H. H.

posibile corelatii intre unele variabile climatice (umiditate relativa, viteză vântului) și variațiile zilnice ale nivelului de testosteron în sânge (Bucur.) 16 n. 1961-1962 p. 141

1. Lucrare efectuată în Institutul de endocrinologie (directora acad. St. M. Balcu), București.

OPRESCU, Maria; ESANU, C.; CRISTOVEANU, Ana; GRIGORESCU, A.; TACHE, Alina;  
DRAFTA, Denise.

Functional examination of the adrenal cortex in obesity. Studii  
cercet. endocr. 16 no.2:149-157 '65.

LUNGU, Al.; TACHE, Alina; BERLESCU, Elena; CRISTOVEANU, Ana; NICOLAU, Gratiela; SCHULLER, A.

Hormonal changes during physiotherapy of patients with excess weight. Studii cercet. endocr. 16 no.2:175-180 '65.

WOLFSHAUT, C.; DANIELA-ROSTER, Aneta; GHENTU, Em.; STROE, Emilia; TACHE,  
Alina; KLEINSON, Inia.

In a case of mastopathy in the post-climacteric period. Stud.  
sercet. endocr. 15 no.6:579-582 '64.

SERBAN, M. R.; SIMIONESCU, N.; DAMIAN, A.; TACHE, Alina; SUCIU, Eugenia.

Some possible correlations between ovarian histopathology and chromatography of 17-ketosteroids in pilary virilism. Stud. Ser. Ci. medic. 18 no.1345-53 '65.

MISU, M.; SPARIA, Denise; MAICANESCU, Mariela-Iana; LACHE, Alina;  
VICI, Tatiana, Teodora; CUCURU, Emilia; CILIBACU, Maria; CUCURU,  
Eugenia; CUCURU, Ana

Functional capacity of Leydig cells studied with the Leydig test  
in several testicular syndromes. Stud. comp. t. endocr. 15 no. 1:  
555-562 164.

IOVITIU, E.; TACHE, Ana-Maria

Mechanical properties of laminated materials containing arsenic.  
Studii tehn Timisoara 8 no.3/4:271-284 J1-D '61.



THRU, (u)

18  
Bachewest, Stilina al Tehnicum, Vol I XIV, No 5, May 53 (continued)

- 14. "The Birth of the Elements," Engr T. PRUD RUSCU and Eng H. MOLEA; pp 26-27.
- 15. "The Formation of Natural Coals," DR. BRITZAK and Ion GISMAS; pp 28-29.
- 16. "The Overthrow of the Colonial System and the Banruptcy of Missionaries," Austrian TACSE, Interview by Lecturer (vector undervalued); pp 30-31.
- 17. "The Alpha Pastures," C. BARRINGTON, Candidate in Agricultural Sciences (Candidate in Science Agriculture); pp 32-33.
- 18. "Modern Methods for the Exploitation of Oil. Fluid Injections," Prof Ion TUCAN, Candidate in Sciences (Candidate in Science) Institutul de Petroli, Case si Geologie, Engr AT. MIHAIKESCU, Extraction Trust (Trustul de Extractie) Poligrafii, Maria DINI, Extraction Trust, Palestine, Engr D. I. IONESCU, Extraction Trust (Trustul de Extractie), Investigations and Engr Mircea P. PRUD, of the Technical Service. (Serviciul Tehnic al Inceperii Generali Directoratului pentru Drilling and Extraction of Oil) (al Directoratului General Extractie Petrol); pp 34-36.
- 19. "The Automation of Regeneration-Chamber Coolers in the Merzin Furnaces," Engr Traian OMBROBITA; pp 37.
- 20. "British Organ," Aurelia BARGO, I.C.D.; pp 38, 43.
- 21. "Orosii. Agaln the Venus," pp 39.
- 22. "Modern Equipment. The Textile Industry," pp 40.
- 23. "La Ua Pula a Pula-1st," Engr Vasile CIOBETEA; pp 42-43.

TACHE, Aurelian; TAUTH, Teodor

Khirbat-Qumran, the cradle of a myth. St si Teh Buc 14  
no.11:27-29, 33 N'62.

Disturbances of hemostasis in patients with congenital and acquired heart defects. Shorn. z-d. med. na. fak. Karlov. Univ. Mosk. 20:223-232 1965.

Disturbances of hemostasis in patients with congenital and acquired heart defects. Shorn. z-d. med. na. fak. Karlov. Univ. Mosk. 20:223-232 1965.

I. V. Interni klinika (predseda - prof. M. S. Gerasimov), Karlovské fakulty Karlov University v Praze, Praha.

POZDNYAKOV, B.V., kand.tekhn.nauk; NELYUEOV, Yu.V., gornyy inzh.; TACHEV, A.A.

Study of the shattering effect of large-scale blasting in the  
Zyryanovsk open-pit mine. Gor. zhur. no.11:46-47 N '61.

(MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov,  
Ust'-kamenogorsk.

(Zyryanovsk region--Blasting)

DAVID, M., HOSKINS, M., BAGUI, L., TACHE, G., TIRRELL, M.

Study of the connection between the surface state and the wear in the case of sliding friction. Bul Sti Sti Tenn Tim  
Fac. 3:45-461 J1-B 164.

TACHEV, A.A., inzh.

Use of the cumulative effect of blasting to crush oversized pieces. Vzryv. delo no.51/8:264-272 '63. (MIRA 16:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnoy metallurgii.

(Blasting)

10

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Action of benzoic, propionic and caproic anhydrides on azomethine bonds. Alex. Ludwig and St. Lache. *Bull. Chim. Soc. Roum. Chim.* 39, 87 (1937-38). Expts. with the anhydrides of monocarboxylic acids reacting on PhCH=NPh (I) and several benzene derivs. led to the following results:  $Bz_2O$  reacts with I to give PhNHBz, m.

162; with *o*-, *m*- and *p*-PhCH=NC<sub>2</sub>H<sub>5</sub>CO<sub>2</sub>H to give, resp., *o*-H<sub>2</sub>CC<sub>2</sub>H<sub>4</sub>NHBz, m. 177°; *m*-isomer, m. 218°; and *p*-isomer, m. 278°; with PhCH=NC<sub>2</sub>H<sub>5</sub> to give *o*-C<sub>6</sub>H<sub>4</sub>NHBz, m. 159°; with *p*-PhCH=NC<sub>2</sub>H<sub>5</sub>OEt (II) to give *p*-EtOC<sub>2</sub>H<sub>4</sub>NHBz, m. 174°; with *p*-PhCH=NC<sub>2</sub>H<sub>5</sub>NO<sub>2</sub> (III) to give *p*-O<sub>2</sub>NC<sub>2</sub>H<sub>4</sub>NHBz, m. 203°. (EtCO<sub>2</sub>)<sub>2</sub>O reacts with I to give PhNHCOEt, m. 105°, with III to give *p*-O<sub>2</sub>NC<sub>2</sub>H<sub>4</sub>NHCOEt, m. 183° (literature, 174.5°); with II to give *p*-EtOC<sub>2</sub>H<sub>4</sub>NHCOEt, m. 119°. (AmCO<sub>2</sub>)<sub>2</sub>O reacts with I to give PhNHCOAm, m. 96°; with III to give *p*-O<sub>2</sub>N C<sub>2</sub>H<sub>4</sub>NHCOAm, m. 79°. with II to give *p*-EtOC<sub>2</sub>H<sub>4</sub>NHCOAm, m. 95°. A. H. K.

AS 53.8 METALLOGICAL LITERATURE CLASSIFICATION

CONDENSES AND PROPERTIES

Condensation of indole, methylindole and indolecarboxylic acids with phthalaldehydic acid and oplanic acid. Alexandru Ludwig and Stefan Tache. *Soc. Chim. Romania. Sect. Soc. române Stiințe, Bul. Chim. pură apl.* [2] 3A, 3-15(1941-1942); *Chem. Zentr.* 1943, II, 1275.—The action of indole (I), 2- (II), 3- (III) and 7-methylindole (IV) and 3-indoleacetic acid (V) and 3-indolepropionic acid (VI) with  $\alpha$ -HO<sub>2</sub>CC<sub>6</sub>H<sub>4</sub>CHO (VII) and oplanic acid (VIII) was investigated. VII condenses with 1 mol. of II (by melting equiv. amts. of the powd. components in a glycerol bath at 160-200°) to form 3-(2-methyl-3-indolyl)-phthalide (IX), m. 198°; (3-methyl-2-indolyl) isomer, m. 1-0-1°. VIII behaves in a similar manner: 3-(2-methyl-3-indolyl)-4,5-dimethoxyphthalide, m. 201°; (3-methyl-2-indolyl) isomer (X), m. 188°. VII and I give a *compd.* C<sub>16</sub>H<sub>11</sub>NO<sub>3</sub>, m. 176°; it is not hydrolyzed by NaOH and thus does not contain a lactone group; the structure is not clear; VII and IV give the *compd.* C<sub>17</sub>H<sub>13</sub>NO<sub>3</sub>, m. 151°, which cannot be hydrolyzed. VIII and I or IV give *compds.* m. 220-1° or 215°; these cannot be hydrolyzed. V and VII at 165° give 3-phthalidyl-2-indoleacetic acid, m. 150-60°; condensation at a temp. above 165° causes the loss of CO<sub>2</sub>. VI and VII at 135° give the corresponding propionic acid, m. 185°. V and VIII at 150° give 3-(4,5-dimethoxyphthalidyl)-2-indoleacetic acid, m. 220°; if the condensation is carried out above 165°, CO<sub>2</sub> is split off, giving X. 3-(4,5-Dimethoxyphthalidyl)-2-indolepropionic acid, m. 161°. C. J. West

AS 51.51A METALLURGICAL LITERATURE CLASSIFICATION

12



TACHEV, O.T., assistant

Gas embolism in pneumothorax and pneumoperitoneum therapy. Zdrav. Turk.  
3 no.1:41-42 Ja-F '59. (MIRA 12:7)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - dots. Ye. A.  
Pletnev) Turkuenskogo gosudarstvennogo meditsinskogo instituta im.  
I.V. Stalina)  
(EMBOLISM) (PNEUMOTHORAX)  
(PNEUMOPERITONEUM, ARTIFICIAL)

TACHEV, O.T., assistant

Pneumoperitoneum in pulmonary hemorrhage. Zdrav.Turk. 3 no.3:  
10-13 My-Je '59. (MIRA 12:11)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - dotsent  
Ye.A.Pletnev) Turkmenskogo gosudarstvennogo meditsinskogo  
instituta im. I.V.Stalina.

(PNEUMOPHRITONEUM, ARTIFICIAL)  
(HEMORRHAGE)

TACHEV, O.T., assistant

Treatment of focal and disseminated pulmonary tuberculosis with  
a pneumoperitoneum. Zdrav, Turk. 4 no. 2:32-36 Mr-Apr '60.  
(MIRA 13:10)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - dotsent  
Ye.A. Pletnev) Turkmenskogo gosudarstvennogo meditsinskogo  
instituta im. I.V. Stalina i republikanskogo protivotuberkuleznogo  
dispansera (glavnyy vrach - F.M. Ismailov).  
(TUBERCULOSIS) (PNEUMOPERITONEUM, ARTIFICIAL)

SHINEVA, P.; TACHEV, P.

Exercise therapy in complex treatment of osteoarticular tuberculosis. Khirurgia 15 no.2/3:299-302 '62.

1. Iz Detski sanatorium za kostno-stavna tuberkuloza - Varna.  
(TUBERCULOSIS OSTEOARTICULAR ther)  
(EXERCISE THERAPY)

TACHEV, T.

Race in breeding animals. p.24.

KOOPERATIVNO ZEMEDLIE, Sofia, Vol. 11, no. 3, Mar. 1956.

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

~~INCHV, Esolo~~

~~SECRET (in copy); Given Name~~

Country: Bulgaria

Academic Degree: not indicated

Affiliation: not indicated

Source: Sofia, Biologiya i Khimiya, No 1, 1961, pp 19-23

Ref: "Certain Questions Concerning Biological Education."

TACHEV, Tsolo

D-r Ivan Seliminski on the origin and development of organisms.  
Biol i khim 4 no.5:48-53 '61.

(Seliminski, Ivar)

(Scientists, Bulgarian)

TACHEV, Ts. P.

Protection and propagation of educational films in schools.  
Biol i khim 4 no.2:62.

1. Chlen na Redaktsionnata kolegiia i zam. redaktor, "Biologiya  
i khimii."



TACHEV, Ts.

Dr. Georgi Paunchev, an enthusiastic naturalist and teacher.  
Biol i khim 4 no.6:49-54 '62.

1. Chlen na Redaktsionnata kolegiia i zam. redaktor, "Biologlia  
i khimia".

TACHEV, Ts.

Dr. Vasil kh. Stoianov-Beron, 1824-1909. Bici i khin 5  
no.1:40-43 '63.

TACHEV, TS.

For a greater purposefulness in teaching biology. Biol i khim  
6 no.4:53-56 '63.

1. Chlen na Redaktsionnata kolegiia i zam. redaktor, "Biologiya  
i khimiia."

TACHEV, TS.

Some notes on the second written examination in biology.  
Biol i khim 6 no.6:44-48 '63.

1. Zam. redaktor i chlen na Redaktsionnata kolegia,  
"Biologiya i khimiya".

TACHEV, Ts.

Fight for Darwinism in Bulgaria. Priroda Bulg 12 no.  
1: 50-54 Ja-F '63.

TACHEV, Ts.

Struggle for Darwinism in Bulgaria. Priroda Bulg 12 no.2:  
52-55 Mr-Apr '63.

TACHEV, Tsolo

Textbooks on natural history in the first Bulgarian state.  
Biol i khim 7 no. 1: 48-53 '64.

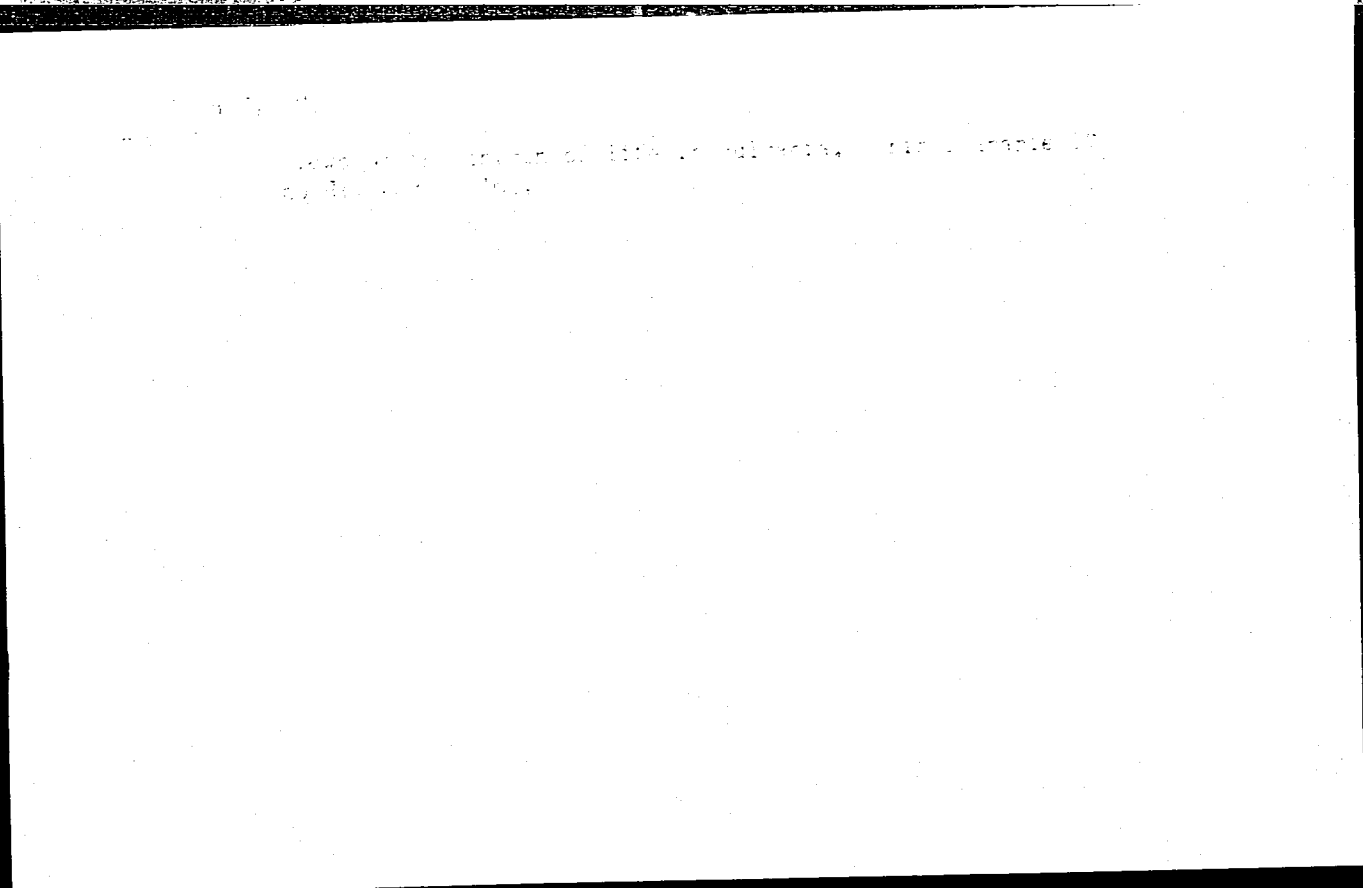
1. Zam. redaktor, "Biologiya i khimiya".

TACHEV, TS.

Literature on natural sciences in Bulgaria up to the beginning of 19th century, and the primer and various lectures by P. Beron. Biol i khim 7 no. 2: 53-58 '64.

1. Deputy Editor and Member of the Board of editors, "Biologiya i khimiya."





YACHEV, TS.

Ideas of the origin of life in Bulgaria. Prir i znanie 17  
no. 9:21-23 N '64.

Raditsky, A.

"Improving Work in Women's Consulting Centers in the Stalin District." p. 2,  
(ZORA-VEN FRONT, No. 51, Dec. 1954, Sofiya, Bulgaria)

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

TACHEZE, Rudolf

Galactorrhea in a male induced by ovarian hormone and chlorpromazine.  
Cas. Lek. Cesk. 101 no.15:467-469 13 Ap '62.

1. Psychiatricka lecebna v Bohnicich, reditel MUDr. K. Dobisek.

(LACTATION DISORDERS case reports)  
(CHLORPROMAZINE toxicol)  
(PROGESTERONE rel cpds)

PACHEZY, R.

Significance of pregnandiol in pregnancy. Sborn. lek. 53 no.1-2:22-58  
1951. (CML 20:8)

1. Of the Second Obstetric-Gynecological Clinic (Head--Prof. Josef  
Lukas, M.D.) of Charles University.

TACHEZY, R., Doc., Dr.; ZELENA, V., As., Dr.

Effect of synthetic estrogens (agostilbene, phenocycline) on the course of pregnancy and on pregnandiol level. Cas. lek. cesk. 91 no.24-25:735-739 20 June 52.

(PREGNANCY, complications,  
ther., estrogens, eff. on pregnandiol level)  
(ESTROGENS, therapeutic use,  
pregn. compl., eff. of pregnandiol level)  
(PREGNANDIOL, in urine,  
eff. of estrogens)  
(URINE,  
pregnandiol, eff. of estrogens)

TACHEZY, Rudolf

TACHEZY, Rudolf, Doc. Dr.

Dysmenorrhea. Prakt. lek., Praha 34 no.15-16:344-348 5 Aug. 54.

(DYSMENORRHEA

\*diag. & ther.)

TACHEZY, R.; VINAROVA, M.

Galactorrhea in psychiatric therapy. *Activ. nerv. sup.* 4 no.2:235-236  
'62.

1. Psychiatricka lecebna UNZ NV hl. mesta Prahy v Praze 8.

(CHLORPROMAZINE toxicol) (LACTATION DISORDERS etiol)



TACHLZY, R., doc.; KUCERA, E.

Basal temperature in the climacteric. Cesk. gyn. 27[41] no.4:269-271 My '62.

1. Psychiat. lec. v Bohnicich, reditel MUDr. K. Dobisek II.  
por gyn. klin. KU v Praze, prednosta prof. MUDr. J.Lukas, DrSc.  
(BODY TEMPERATURE physiol) (CLIMACTERIC physiol)

TACHEZY, R., doc.

Galactorrhea in mental disorders. Cesk. gym. 27 [41] no.6/7:550-555  
Ag '62.

1. Psychiatricka lecebna v Bohnicich, reditel dr. K. Dobisek.  
(LACTATION DISORDERS) (MENTAL DISORDERS)  
(CHLORPROMAZINE)

TACHEZY, R.

Incidence of inflammatory genital diseases in mental disorders  
in women. Cesk. gynek. 29 no.3:199-2002 Ap'64

1. Psychiatr. lecebna v Bohnicich; reditel: MUDr. K. Dobisek.

\*

1A 1011, 10.

Prof. Mr. Cyril. Galk. with birthday. Dec. 192. 1923. 10.  
no. 27. 10. 10. 10. 10. 10. 10. 10.

L 29405-66

ACC NR: AP6019964

SOURCE CODE: CZ/0079/65/007/003/0248/0249

AUTHOR: Vinarova, M. (Prague); Tachezy, R.

22  
B

ORG: Psychiatric Hospital, Prague

TITLE: <sup>22</sup>Galactorrhea in patients treated with psychotropic drugs <sup>22</sup>[This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965]

SOURCE: *Activitas nervosa superior*, v. 7, no. 3, 1965, 248-249

TOPIC TAGS: psychoneurotic disorder, drug treatment

ABSTRACT: Galactorrhea is more frequent in neurotic than in psychotic patients not receiving neuroleptic medication. Out of a group of 462 women treated with psychotropic drugs it was found in 98 (21.2%). In schizophrenics the frequency was 32%, in manic depressives 15%, and in neurotics 14%. When only patients treated with phenothiazines with dimethylaminopropyl side chains are considered, the frequency in schizophrenia was 30%, and in neurosis 5.7%. In schizophrenic patients treated with phenothiazines with a piperazine side chain, the frequency was 57%. Orig. art. has 2 figures. [Orig. art. in Eng.] [FRS]

SUB CODE: 06/ SUBM DATE: none

Card 1/1 UC

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND SERIES

BC

Polarographic studies with dropping mercury cathode. LXXIV. Electronegativity rule of the reduction potentials of organic compounds. M. SHUKATA and I. TACHI (Coll. Czech. Chem. Comm., 1936, 10, 368-373). Electrolytic reduction potentials recorded in the authors' earlier papers are summarised and it is shown that the reducibility of substituted aromatic ketones, azo- and NO<sub>2</sub>-compounds increases with the electro-negativity of the substituents.

F. R. G.

A S O - S L A METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TACHI, I.; TAKAHASHI, R.

Polarographic behavior of silver(I), copper(II), and thallium(I) ions in water-acetonitrile mixtures. Coll Cz Chem 25 no.12: 3111-3119 D '60. (EEAI 10:9)

I. Department of Agricultural Chemistry, Faculty of Agriculture, Kyoto University, Kyoto, Japan.

(Polarograph and polarography) (Ions) (Water)  
(Acetonitrile) (Silver) (Copper) (Thallium)

TACHIBANA, T.

Characterization of the bactericidal action of precolostral piglet and calf sera against gram negative enteric bacteria in rough phase. Folia microbiol. (Praha) 10 no.3:145-155 My'65.

1. Department of Immunology, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague 4.



TACHIN, D. Ye.

18G58

USSR/Elec Power System 4501.0500 Nov 1947

"Results of Work on Fuel Economy at Yarenergo (Yaroslavl' Power System)," D. Ye. Tachin, Engr, 1 p

"Elek Stantsii" Vol XVIII, No 11

Reduction of fuel consumption from 0.647 kg/kwh in 1935 to 0.492 kg/kwh in 1947, i.e., reduction of 24%, credited to modernization and creative work of the workers. Enumerates steps taken to bring about this economy.

IC

18G58

TACHIE, D. YE.

Dust Explosion

Prevention of explosions in boiler installations with shaft mills. Elek, sta. 23 No.2, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

1-10

USSR/Human and Animal Physiology - Nervous System.  
Vegetative Nervous System.

Abstr Jour : Ref Zhur - Biol., No 18, 1958, 04610

Author : Shcheplovskaya, Ye.V., Brind, A.I., Tachkova, I.H.,  
Prosharina, V.S., Matviyenko, I.H.

Inst : -

Title : Cutaneous Vessel Reactions to Nicotinic Acid as a Study  
Method of the Functional State of the Central Nervous  
System.

Orig Pub : V sb.: Sovrem. vopr. dermatol., Kiev, Gosmedizdat SSSR,  
1957, 52-57.

Abstract : Five to 7 minutes after 0.2 gr of nicotinic acid (I) were  
taken by healthy persons, a moderately expressed and sym-  
metrically distributed hyperemia appeared which was spread  
throughout various areas of the organism in a certain way.  
In patients with various skin diseases, I reactions differ-  
red from those in healthy persons. The asymmetry of

Card 1/2

SHCHEPKOVSKAYA, Ye.V., starshiy nauchnyy sotrudnik; BRIND, A.I., starshiy nauchnyy sotrudnik; TACHKOVA, A.M., nauchnyy sotrudnik; MATVIYENKO, I.N., nauchnyy sotrudnik; RUDEVA, M.P., nauchnyy sotrudnik

Some disorders of the nervous system in pemphigus and Duhring's dermatitis and their pathogenic and therapeutic role. Vest. dermat. i ven. 33 no.2:3-6 Mr-Apr '59. (MIRA 12:7)

1. Iz Ukrainkogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - dotsent B.A. Zadorozhnyy).

(NERVOUS SYSTEM, in var. dis.

dermatitis herpetiformis & pemphigus vulgaris, pathogen. & ther. aspects (Rus))

(DERMATITIS HERPETIFORMIS, physiol.

NS, pathogen. & ther. aspects (Rus))

(PEMPHIGUS, physio.  
same)

TACHKOVA, A. M. Cand Med Sci -- "Data for a clinical physiological substantiation of the <sup>mechanism of</sup> action ~~and~~ mechanism of chloroform-alcohol-paradine paste in the treatment of patients ~~affected with~~ eczema and ~~neurodermitis.~~ neurodermitis. /"Khar'kov, 1960 (Min of Health UkSSR. Khar'kov State Med Inst). (KL, 1-61, 211)

NOZDEYUKHIN, V.K.; KREYTER, A.A.; KLYAVIN, V.; ELIZOV, I.; SUSLOV, V.F.;  
PAK, V.A., kand. geol.-min. nauk; YAKOVLEV, V.M.; LESNIK, Yu.N.;  
KOROLEV, I.A.; RACHKULIK, V.I.; TACHKOVA, N.A.; KOLESHNIKOVA,  
V.N., kand. fiz.-mat. nauk; MASYROV, M.; SHUL'TS, V.L., doktor  
geolgr. nauk, prof., otv. red.; GAYSINSKAYA, I., red.; MASHARIFOVA, D.,  
red.; COR'KOVAYA, Z.P., tekhn. red.

[Fedchenko Glacier]Lednik Fedchenko. Tashkent, Izd-vo Akad. nauk  
Uzbekskoi SSR. Vol.1. 1962. 247 p. (MIRA 15:8)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut matematiki.  
(Fedchenko Glacier)

POPOV, N.A., prof.; SHTEYN, Ya.Sh., kand.tekhn.nauk; TACHKOVA, N.A., inzh.

Heat conductivity of concrete made with slag pumice. Stroi.mat.  
8 no.3:13-15 Mr '62. (MIRA 15:8)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR  
(for Popov). (Lightweight concrete--Testing)

SPIVAK, N.Ya., kand. tekhn. nauk; USHKOV, F.V., kand. tekhn. nauk;  
UMNYAKOV, P.N., kand. tekhn. nauk; TACHKOVA, N.A., inzh.

Heat conductivity of keramzit concrete. Bet. i zhel.-bet. 9  
no.3:137-140 Mr '63. (MIRA 16:4)

(Keramzit)

(Lightweight concrete--Thermal properties)



L 21829-66 EWT(m)

ACC NR: AP6005991 (A) SOURCE CODE: UR/0224/65/000/010/0043/0045

AUTHOR: Tachkova, N. A. (Engineer); Nepomnyashchiy, S. V. (Engineer)

ORG: none

TITLE: Heat conductivity of different types of light concretes

SOURCE: Byulleten' stroitel'noy tekhniki, no. 10, 1965, 43-45

TOPIC TAGS: heat conductivity, concrete

ABSTRACT: The article is a survey of the properties of the main varieties of light concretes: agloporite concrete, slag concrete (slag pumice concrete), porous clay concrete, perlite concrete, foam and gas concrete, and arbolite made of wood chips and reed cuttings. According to the specifications for light concretes, they are divided into: heat insulating (with a specific weight not more than 800 kg/m<sup>3</sup>, types 5-25, heat conductivity not more than 0.25 kcal/meter-hour-degree); construction-heat insulating (specific weight up to 1400 kg/m<sup>3</sup>, types 25-75, heat conductivity not more than 0.55); and, construction (up to 1800 kg/m<sup>3</sup>, types 50-400). The article contains extended tables listing heat conductivities for the above types of light concretes. Orig. art. has: 2 tables.

SUB CODE: 11/ SUBM DATE: none

Card 1/1 Est

UDC: 666.972.53

TACHMURADOV, N.M.

Associated cancer and polypi of the stomach. Khirurgiia, Moskva no.  
1:31-33 Jan 1953. (GLML 24:2)

1. Candidate Medical Sciences. 2. Of the Hospital Surgical Clinic  
(Director -- Honored Worker in Science Prof. V. S. Levit), Second  
Moscow Medical Institute imeni I. V. Stalin.

TACHIBERADOV, N. N.

"Polyps of the Stomach (Pathogenesis, Pathological Anatomy, Clinical Aspects, and Treatment)." Dr Med Sci, Second Moscow State Medical Inst, Ashkhabad, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

~~TACHIBANOV, H.~~ prof.

Our experience with intra-arterial blood transfusion in the  
treatment of anaerobic infections. Zdrav.Turk. 2 no.1:31-  
33 Ja-F '58. (MIRA 12:6)  
(BLOOD--TRANSFUSION) (BACTERIA, ANAEROBIC)

TACHMURADOV, N., prof.

Some errors in the diagnosis of stomach polyposis. Zdrav. Turk.  
2 no.6:8-11 N-D '58. (MIRA 16:3)

(STOMACH--TUMORS)

TACHMURADOV, N. M., prof. (Ashkhabad)

Polyposis of the stomach. Khirurgiia 38 no.7:117-124 J1 '62.  
(MIRA 15:7)

(STOMACH--TUMORS)

WALTON, W. L.

State, T. 1941-

U.S. Dept. of State, Mr. Tolson, 1941.

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

BLAZEK, F.;TACHOVSKA, M.

Treatment of infantile paralysis in the stage of convalescence.  
Prakt. lek., Praha 32 no. 10-11:242-245 20 May 1952. (CLML 22:4)



TAGHOVSKA, M., Dr; WARAUSOVA, V., Dr

Experiences with hyasa in poliomyelitis. Cas. lek. cask. 93 no.31-  
32:868-870 6 Aug 54.

(POLIOMYELITIS, therapy,  
hyaluronidase)

(HYALURONIDASE, therapeutic use,  
polio.)

HRABETOVA, Dr.; TACHOVSKA, Dr.

Care of school children with special reference to their physical capacity and endurance. Cesk. pediat. 11 no.6:426-431 June 56.

1. Oddeleni pro dolecovani detskych obrn-Thomayerova nem. v Krci.  
(PHYSICAL EFFICIENCY,  
care of school child. with regard to physical capacity  
& endurance (Cz))  
(SCHOOLS,  
same)

ADAM, Ervin, MUDr.; ADAMOVA, Vlasta, MUDr.; TACHOVSKA, Marie, MUDr.

Acute anterior poliomyelitis in infants. Cesk. pediat. 11 no.9:  
698-703 Sept 56.

1. Infekční klinika v Praze 8 - Bulovka, prednosta prof. Dr.  
Jar. Prochazka Dolecovaci ustav nasledku detske obrny v Krci-  
Praha XIV, prednosta Dr. M. Tachovska.

(POLIOMYELITIS, BULBAR,  
anterior, acute in inf. (Cz))

TACHOVSKA, M.; CIPEROVA, V.; SKOPCOVA, B.

Experience with the treatment of the sequelae of poliomyelitis by the Kenny method. Rev. czech. med. 9 no.1:18-30 1963.

1. Department for the Treatment of the Sequelae of Poliomyelitis,  
Thomayer Hospital, Praha Director: M. Tachovska, M.D.  
(POLIOMYELITIS) (REHABILITATION) (THERAPEUTICS)  
(HEAT)