"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

ISAAKYAN, O.N., professor; GANINSKIY, G.V.; KHOKHLOV, T.N.

New rules for making traction calculations. Vest. TSNII MPS 15 no.1:32-36 Ag '56. (MLRA 9:12)

(Railroad engineering)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

VASILOV, V., ing.; GANISCHI, S., ing.; CIOLTEA, A., ing.

Separation of chalcopyrite from lead-copper concentrates and from zinc concentrate. Rev min 14 no.11:494-502 N'63.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANISHIN, G.S.; CHEMEKOV, Yu.F.

On the 70th anniversary of S.V. Obruchev's birthday. Izv. Vses. geog. ob-va 93 no.4:341-344 Jl - Ag '61. (MIRA 14:7)
(Obruchev, Sergei Vladimirovich, 1891 -)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITCHI, S., ing.

Rapid method for calculation of the technological extraction of metal in preparation works. Rev min 14 no.5:207-209 My '63.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, M. I., Candidate Pharmaceut Sci (diss) -- "The synthesis of 3-substituted derivatives of thiazolidone-4". L'vov, 1959. 12 pp (Min Health USSR, Leningrad Chem-Pharmaceut Inst), 200 copies (KL, No 24, 1959, 153)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

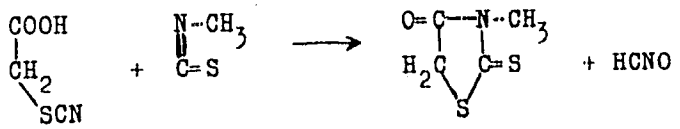
"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

AUTHORS: Ganitkevich, M. I., Turkevich, N. M. SOV/79-29-2-33/71

TITLE: Synthesis of Thiazolidone Derivatives Which Are of Biological Interest (Sintez proizvodnykh tiazolidona, predstavlyayushchikh biologicheskiy interes). X. Synthesis and Properties of 3-Methyl Rhodanine and Its Derivatives (X. Sintez i svoystva 3-metilrodanina i yego proizvodnykh)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 2, pp 515-518 (USSR)

ABSTRACT: 3-methyl rhodanine is used not only in the production of photosensitizers but also of fungicides (Refs 2,3). In the synthesis of 3-methyl rhodanine and its products of condensation with aldehydes the authors applied the condensation of mustard oils with thiocyano acetates known as easily accessible and stable compounds, as they had suggested already earlier (Ref 4):



A mixture of sodium and potassium salts of thiocyano acetic acid was introduced into this reaction in the presence of

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SOV/79-29-2-33/71

Synthesis of Thiazolidone Derivatives Which Are of Biological Interest. X. Synthesis and Properties of 3- Methyl Rhodanine and Its Derivatives

glacial acetic acid and lead acetate. Simultaneous addition of aromatic aldehydes or furfurole led to the monobasic formation of 5-derivatives of 3-methyl rhodanine (38-83%). In this way, the authors obtained 3-methyl rhodanine and its benzylidene, cyanamylidene, m- and n-nitro-benzylidene, n-anisylidene, o-carboxy-benzylidene, salicylidene and furfurylidene derivatives. 3-methyl rhodanine is unstable and hydrolyzes in alkaline medium (even in NH_4OH). The molecule is stabilized by introduction of the arylidene group into position 5 so that the hydrolysis of the 5-arylidene derivatives takes place only on boiling the preparations with alkali liquor, in the course of which Na_2S and the salts of thioketo acids $ArCH_2CSCOONa$ are formed. 3-methyl-5-salicylidene rhodanine and 3-methyl-5-n-nitro-benzylidene rhodanine are dissolved in alkali liquors under the formation of intensively red and orange solutions, which can be explained by the formation of salts with ortho- or paraquinoid arrangement. The comparative absorption curves in the ultraviolet of rhodanine, 3-methyl

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

SOV/79-29-2-33/71

Synthesis of Thiazolidone Derivatives Which Are of Biological Interest.
X. Synthesis and Properties of 3-Methyl Rhodanine and Its Derivatives

rhodanine, and its arylidene derivatives are given in 4 figures. The compounds synthesized develop an antithyroid activity. There are 4 figures, 1 table, and 5 references, 3 of which are Soviet.

ASSOCIATION: L'vovskiy meditsinskiy institut (L'vov Medical Institute)

SUBMITTED: January 3, 1958

Card 3/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

5(3) SOV/79-29-5-62/75

AUTHORS: Turkevich, N. M., Ganitkevich, M. I.

TITLE: Synthesis of Derivatives of Thiazolidone Which Are of Biological Interest (Sintez proizvodnykh tiazolidona, predstavlyayushchikh biologicheskiy interes). 11. Rhodanine-3-acetic Acid and Its Derivatives (11. Rodanin-3-uksusnaya kislota i yeye proizvodnyye)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 5, pp 1699-1702 (USSR)

ABSTRACT: The absorption spectra of rhodanine-3-acetic acid, its 5-derivatives and its ammonium salts were investigated. Measurements were made with the spectrophotometer SF-4 with the low-voltage hydrogen arc lamp VSFU-3. Two absorption maxima, in thione-(250-275 mμ) and in the amide band (286-301mμ) are characteristic of rhodanine-3-acetic acid. In the case of condensation products of rhodanine-3-acetic acid with aldehydes these maxima are not characteristic and disappear in some cases; instead, the K-band (370-401 mμ) appears with clear absorption maxima. The derivatives of rhodanine-3-acetic acid produced were investigated at the Kafedra farmakologii

Card 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

SOV/79-29-5-62/75

Synthesis of Derivatives of Thiazolidone Which Are of Biological Interest. 11. Rhodanine-3-acetic Acid and Its Derivatives

L'vovskogo medinstituta (Chair of Pharmacology of the L'vov Medical Institute) by Professor A. A. Gavrilyuk and collaborators; some of them exhibit a marked antispasmodic action. There are 4 figures, 1 table, and 5 references, 3 of which are Soviet.

ASSOCIATION: L'vovskiy meditsinskiy institut (L'vov Medical Institute)

SUBMITTED: March 28, 1958

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

5(3)

AUTHORS: Ganitkevich, M. I., Turkevich, N. M. SOV/79-29-6-69/72

TITLE: Synthesis of Thiazolidone Derivatives of Biological Interest (Sintez proizvodnykh tiazolidona, predstavlyayushchikh biologicheskiy interes). XII. The Influence of Some Substituents in the Molecules of Rhodanine Deriyatives Upon the Absorption Spectra in the Ultraviolet (XII. Vliyaniye nekotorykh zamestiteley v molekulakh proizvodnykh rodanina na spektry poglo-shcheniya v ul'trafioletovoy oblasti)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 6, pp 2092-2096 (USSR)

ABSTRACT: In previous reports (Refs 1,2) the authors showed that for the rhodanine and its derivatives two absorption bands are characteristic, the thione band in the range of ~260 mμ and the amide band in the range of ~295 mμ. When arylide substituents (also cyanamylidene or furfurylidene substituents) are introduced into position 5, the K-band with strongly pronounced maxima appears in range -385 mμ, while the maxima in the range of the thione band often disappear, sometimes in the maxima of the amide band. The introduction of the methyl and carboxy methyl groups into position 3, changes (Refs 2,3) mainly the absorption intensity only, on first place in both first bands.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

Synthesis of Thiazolidone Derivatives of Biological Interest. XII. The Influence of Some Substituents in the Molecules of Rhodanine Derivatives Upon the Absorption Spectra in the Ultraviolet SOV/79-29-6-69/72

The introduction of the phenol group into the position 3 is connected with the formation of two weakly pronounced narrow bands in the range 220-230 mμ. For the study of the influence of the aryl groups in position 3 on absorption spectra, the authors synthesized the 3-n-ethoxy phenyl rhodanine ($I, X=C_6H_4OC_2H_5$) and 5 of its derivatives, which are substituted in position 5 (Scheme). The spectra of all compounds obtained are shown in figures 1,2,3. The esterification of carboxyl groups ($-CH_2COOH \rightarrow -CH_2COOC_2H_3$) and also the neutralization by ammonia ($\rightarrow CH_2COONH_4$) does not alter the positions of the maxima and minima. In the reaction of alkalies with 5-arylide rhodanines, which have in the arylide group OH or NO_2 in the ortho- or para-position, a new intensive absorption band is formed in the range 400-500 mμ. The introduction of aryl or alkyl substituents (C_6H_5, $n-C_2H_5OC_6H_4$, CH_2COCH, $CH_2COOC_2H_5$, CH_2COONH_4, $C_6H_4COONH_4$) in the position 3 of the molecule of

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

Synthesis of Thiazolidone Derivatives of Biological Interest. XII. The Influence of Some Substituents in the Molecules of Rhodanine Derivatives Upon the Absorption Spectra in the Ultraviolet SOV/79-29-6-69/72

rhodanine and its derivatives causes therefore a change of electrons in the thione and amide group, but does not effect practically the K-chromophores. The same effect was observed when rhodanine is reacted with alkalies. There are 4 figures, 1 table, and 10 references, 7 of which are Soviet.

ASSOCIATION: L'vovskiy meditsinskiy institut (L'vov Medical Institute)

SUBMITTED: May 6, 1958

Card 3/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, M. I.

Synthesis of tri substituted derivatives of thiazolidone-4. Apt. delo 9 no. 5:90 S-O '60. (MIRA 13:10)
(THIAZOLIDINONE)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, M.I. [Hanitkevych, M.I.]; ILINICH, M.I. [Ilinych, M.I.]; SOBCHUK, B.A.

Effect of adenosine triphosphate and pyrophosphate on carbohydrate metabolism in Ehrlich's ascitic cells and nuclear erythrocytes. Ukr. biokhim. zhur. 35 no.6:909-917 '63. (MIRA 18:7)

1. Kafedra biokhimii L'vovskogo gosudarstvennogo meditsinskogo instituta.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya. V.

"The Effect of Bile Loss and Retainment on Processes of Stimulation and Inhibition in the Cerebral Cortex." Cand Med Sci, L'vov State Medical Inst, L'vov, 1954. (KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

The effect of bile retention in the organism on the stimulation and inhibition of the functions of the brain cortex of the dog. Ya. V. Ganitkevich (Med. Inst., Lvov). *Fiziol. Zhur., Akad. Nauk Ukr. R.S.R.* 1, No. 4, 5-13(Russian summary, 13-14)(1955).—The conditioned pos. salivary reflexes of the dogs used were first established, particularly with respect to their differential and conditioned inhibitory reflexes. The basic neuropatterns were also detd. The gall bladders were opened by means of fistulas and the common biliary duct tied. As soon as dogs recovered from the operation the fistulas were closed (not sealed), the conditioned reflex patterns restudied and the concn. of bilirubin in the blood detd. Expts. were performed with two dogs. In the process of bile retention the conditioned reflex activity expresses itself in 4 stages: a limited period of bile retention causes an increase in the blood bilirubin content up to 3-5 mg. %, which is accompanied by a temporary sharp rise in the intensity of the conditioned reflexes; the reflex differentiation remains unaffected, but the conditioned inhibitory effects are weakened. In instances of bile retention of short duration where the concn. of bilirubin in the blood increases to 6-10 mg. %, the conditioned reflex reactions, as tested by the exptl. conditioned reflex [illegible] completely disappear. In chronic bile retention when the concn. of bilirubin in the blood rises to 9.5-12 mg. % [illegible] symptoms of yellow jaundice appeared, the conditioned reflex activity is partially restored. The pos. reflex conditioned responses are reactivated earlier than the neg., the general level of both being lower than in the controls; at the same time differential, extinction, and conditioned inhibitions are weakened. As the general condition of the test animal worsens, the pos. conditioned reflexes ebb gradually to complete extinction, as judged by the application of conditioned expt. stimulation response. Introduction into the gall bladder of the biliary duct of the obstructed animal of 5-10 ml. of bile enhances the stimulation processes of the cortex of the cerebrum. Similar introduction of 15-25 ml. of bile lowers the stimulating functions of the brain cortex, while at the same time the inhibitory functions are enhanced. B. S. [illegible]

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V. [Hanitkevych, IA.V]

Cortical excitation and inhibition during bile losses. Fiziol. zhur. [Ukr.] 5 no.5:586-594 S-O '59 (MIRA 13:3)

1. L'vovskiy meditsinskiy institut, kafedra normal'noy fiziologii.
(CEREBRAL CORTEX) (BILE)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya. V.

USSR/Human and Animal Physiology - The Nervous System. V-10

Abs Jour : Ref Zhur - Biol., No 2, 1958, 9064

Author : Ya.V. Ganitkevich and Ya.P. Sklyarov
Inst : -
Title : The Effect of the Rise and Fall of the Bile Level on Cortical Excitatory and Inhibitory Processes.

Orig Pub : Zhurnal vyssh. nervn. deyatel'nosti, 1956, 6, No 6, 855-862

Abstract : In six dogs with fistulas of the gall bladder a study was made of the effect of decreasing and increasing (by closing the fistula) the amount of bile in the organism. A short-term (1-2 day) increase in bilirubin in the blood is accompanied by a rise in cortical excitability with a tendency toward inhibition. Prolonged checking of the flow of bile and signs of icterus were accompanied by the impairment of processes of internal inhibition and the gradual development of total inhibition (intoxication).

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

USSR/Human and Animal Physiology - The Nervous System. V-10

Abs Jour : Ref Zhur - Biol., No 2, 1958, 9064

A weakening of the stimulative process to the point of disappearance of conditioned reflexes and the development of phasic phenomena corresponded with a reduction in the bilirubin content of the blood. Cortical dynamics were restored following the injection of bile into the organism. Independently of its participation in the process of digestion the bile exerts an effect on the functional state of the cerebral cortex.

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V. [Hanitkevych, Ya. V.], kand. med nauk (Stanislav).

Electronic machines and intellectual work. Nauka i zhyttia 9 no.9:18-21 S '59. (MIRA 13:1)
(Electronic calculating machines)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V., kand.med.nauk

Influence of bile circulation disturbances in the body on alimentary excitability. Vrach.delo no.9:919-921 S '59. (MIRA 13:2)

1. Kafedry normal'noy fiziologii (zaveduyushchiy - prof. Ya.P. Sklyarov) L'vovskogo meditsinskogo instituta i Stanislavskogo meditsinskogo instituta (zaveduyushchiy - dotsent V.S. Raytses).
(BILIARY TRACT) (DIGESTION)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V.

Effect of suppression and loss of bile on the analytic-synthetic activity of the cerebral cortex. Zhur.vys.nerv.deiat. 9 no.5: 690-700 S-O '59. (MIRA 13:3)

1. Kafedry normal'noy fiziologii L'vovskogo i Stanislavskogo meditsinskikh institutov.
(CEREBRAL CORTEX physiol.)
(BILE)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

RAYTSES, V.S.; GANITKEVICH, Ya.V.

Effect of copper and manganese salts on choline-reactive systems of the heart. Biul.eksp.biol.i med. 48 no.11:81-85 N '59. (MIRA 13:5)

1. Iz kafedry normal'noy fiziologii (zav. - dotsent V.S. Raytses) Stanislavskogo meditsinskogo instituta (dir. - dotsent G.A. Babenko). Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim).

(HEART pharmacol.)
(MANGANESE pharmacol.)
(COPPER pharmacol.)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V.

Effect of the after-effects of conditioned stimulation on the course of unconditioned salivation. Zhur. vys. nerv. deiat. 10 no. 1:65-70 Ja-F '60. (MIRA 14:2)

1. Chair of Normal Physiology, Medical Institute, Lvov.
(CONDITIONED RESPONSE) (SALIVARY GLANDS—SECRETION)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V. [Hanitkevych, IA.V.]

Conference on the biological role of trace elements. Ukr. biokhim. zhur. 33 no.3:459-460 '61. (MIRA 14:6)
(TRACE ELEMENTS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

RAYTSES, V.S., dotsent; GANITKEVICH, Ya.V., dotsent

Mechanism of the action of the microelements of copper, manganese, and zink on the cardiovascular system. Vrach.delo no.1:113-115 Ja '63. (MIRA 16:2)

1. Kafedra normal'noy fiziologii (zav. - dotsent V.S. Raytses) Ivano-Frankovskogo meditsinskogo instituta.
(CARDIOVASCULAR SYSTEM)
(TRACE ELEMENTS IN THE BODY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITKEVICH, Ya.V. [Ganitkevych, Ya.V.]

Characteristics of interoceptive influences from the gallbladder on cerebral cortex activity under conditions of bile retention and loss. Fiziol. zhur. [Ukr.] 9 no.2:197-202 Mr-Ap '63. (MIRA 18:3)

1. Kafedra normal'noy fiziologii Lvovo-Frankovskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

L 1382-66

ACCESSION NR: AP5024572 UR/0219/64/058/008/0078/0082

AUTHOR: Ganitkevich, Ya. V. 17 B

TITLE: Effect of bile and its main components on the N-cholino-reactive systems of the skeletal muscles

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 58, no. 8, 1964, 78-82

TOPIC TAGS: biochemistry, myology, muscle physiology

ABSTRACT: In concentrations approximating those in the blood, bile was shown to have a pronounced effect on the N-cholino-reactive systems of the skeletal muscles. Higher concentrations of bile acids (50-10 mg%) markedly decreased, and lower concentrations (0.1-0.005 mg%) considerably decreased the excitability of the muscles. The effect is associated with the content of bile acids. Glycocholic acid does not show this effect. Orig. art. has: 3 tables.

ASSOCIATION: Kafedra normal'noy fisiologii Ivano-Frankovskovo meditsinskovo instituta (Department of Normal Physiology, Ivano-Frankovsk Medical Institute)

SUBMITTED: 15Jun63 ENCL: 00 SUB CODE: LS

NR REF SOV: 006 OTHER: 008 JPRS

Card 1/1 dg

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

ACC NR: AP6031344 (A) SOURCE CODE: UR/0219/66/062/009/0066/0069

AUTHOR: Ganitkevich, Ya. V.

ORG: Department of Normal Physiology [director—Prof. V. S. Raytses], Ivan-Frankov Medical Institute (Kafedra normal'noy fiziologii Ivano-Frankovskogo meditsinskogo instituta)

TITLE: Influence of bile and bile components on M-cholinoreactive systems of smooth muscles

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 62, no. 9, 1966, 66-69

TOPIC TAGS: cholinoreactive system, bile, bile acid, muscle physiology, pharmacology, bilirubin, acetylcholine, biologic secretion, biochemistry

ABSTRACT: *In vitro* experiments have shown that bile (1:100) and bile acids (50 mg%) increased the stimulability of M-cholinoreactive systems in pulmonary muscle but inhibited reactions to acetylcholine in stomach and intestinal muscles. Smaller concentrations increased excitability in all systems studied. A concentration of ten mg% bilirubin inhibits striated muscle contraction and stimulates that of smooth muscle. [WA-50; CBE No. 12]

SUB CODE: 06/ SUBM DATE: 06Jun64/ ORIG REF: 002/

UDC: 612.73.014.46:612.822.2]-06:612.357

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

AUTHOR: Ganits, F. 70-3-3-3/36

TITLE: The Crystal Structure of Cadinenedihydrobromide (Kristallicheskaya struktura kadinendigidrobromida)

PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 3, pp 277 - 280 (USSR)

ABSTRACT: Cadinene is often found naturally in sesquiterpenes usually in the form of cadinenedihyrdobromide or chloride which occur as well-crystallised needles. It is known that the compound has a bicyclic structure. Crystals of the bromide were orthorhombic with unit cell dimensions a=15.41, b=16.59 and c=6.29 A. The space group is $P2_12_12_1$ and Z=4 . The three Patterson projections were constructed and the peaks corresponding to the Br-Br vector were easily identified, giving the Br positions. The heavy atom technique then gave the remaining atomic co-ordinates from the xy and yz projections. The atomic parameters, (x,y,z) were found to be:

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

The Crystal Structure of Cadinenedihydrobromide 70-3-3-3/36

Br_1	0.151, 0.127, 0.967;	Br_2	0.317, 0.374, 0.840;
C_1	0.218, 0.383, 0.260;	C_2	0.226, 0.234, 0.299;
C_3	0.177, 0.303, 0.190:	C_4	0.314, 0.229, 0.185;
C_5	0.364, 0.303, 0.269;	C_6	0.309, 0.370, 0.156;
C_7	0.366, 0.446, 0.182;	C_8	0.088, 0.312, 0.299;
C_9	0.032, 0.238, 0.240;	C_{10}	0.078, 0.165, 0.341;
C_{11}	0.168, 0.162, 0.243;	C_{12}	0.219, 0.090, 0.338;
C_{13}	0.026, 0.380, 0.230.		

All the C-C bond are single and in the xy projection have a projected length of 1.405A; this means the molecule cannot be planar. The atoms are all tetrahedral with C-C bonds 1.540 A long. The C-Br bonds are perpendicular to the plane of the 001 projection and 1.852 and 1.991 A long. The reliability factors for the three projections were $R_{001} = 0.220$, $R_{010} = 0.236$, $R_{100} = 0.192$. The molecule has the trans form.

Card2/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

70-3-3-3/36

The Crystal Structure of Cadinenedihydrobromide

There are 4 figures and 1 table.

ASSOCIATION: Otdeleniye neorganicheskoy khimii Khimicheskogo instituta Slovatskoy Akademii Nauk v Bratislave (Section for Inorganic Chemistry of the Chemical Institute of the Slovak Ac.Sc. in Bratislava)

SUBMITTED: June 3, 1957

Card 3/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITSKAYA, G.A.

Use of the proof method of examination of the higher nervous activity for the evaluation of the effectiveness of sanatorium treatment of neurasthenics. Preliminary report. Sbor. nauch. rab. vrach. san.-kur. uchr. profsoiuzov no.1:25-28 '64. (MIRA 18:10)

1. Sanatoriy "Energetik", Yalta (glavnyy vrach N.A.Kropacheva).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

L 11234-66 EWT(m)/EWP(j)/T/EWP(k) RM

ACC NR: AP6002223 SOURCE CODE: UR/0080/65/038/012/2862/2865

44 55 44 55 44 55 44 55

AUTHOR: Yuzhelevskiy, Yu. A.; Ganitskiy, A. B.; Kogan, E. V.; Klebanskiy, A. L. 65

44 55

ORG: All-Union Scientific Research Institute of Synthetic Rubber imeni S. V. Lebedev (Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka)

TITLE: Method of studying the polymerization kinetics of (3,3,3-trifluoropropyl)-methylcyclosiloxanes using ultrasonics 44,55

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 12, 1965, 2862-2865

TOPIC TAGS: ultrasonic equipment, ultrasonics, polymerization, silicone, polysiloxane

ABSTRACT: A pulsed ultrasonic device has been constructed for studying the polymerization kinetics of (3,3,3-trifluoropropyl)methylcyclosiloxanes in the 0 to 200C reaction temperature range using small samples. The device employs a vibrator of lead zirconate titanate whose Curie point (~250C) is high enough to allow operation in this temperature range. The special reaction vessel used is diagramed in the original article. Reaction temperature—ultrasonic propagation velocity calibration curves were plotted for the trimer, titramer, pentamer, a 60,000 mol wt polymer, and various-concentration solutions of a rubber-like 950,000 mol wt polymer. These calibration curves make it possible to determine monomer conversion in the course of the reaction from ultrasonic propagation velocity measurements, with an accuracy of within ± 2—3%. Orig. art. has: 3 figures. [SM]

Card 1/2 UDC: 541.64:678.7+534.321.9

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

L 11234-66

ACC NR: AP6002223

SUB CODE: 13,07 SUBM DATE: 12Feb64/ ORIG REF: 003/ OTH REF: 004

ATD PRESS:

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Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

L 24817-66 EWT(d)/EWP(e)/EWT(m)/EWP(v)/T/EWP(j)/EWP(k)/EWP(h)/EWP(1)/ETC(m)-6
ACC NR: AP6007694 RM/WH/WW SOURCE CODE: UR/0413/66/000/003/0073/0073

AUTHORS: Grigor'yev, K. V.; Ganitskiy, I. Ye.

ORG: none

TITLE: Automatic contactless regulator for controlling the diameter of optical fiber glass. Class 42, No. 178524

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 73

TOPIC TAGS: [redacted], optic fiber, optic glass, fiberglass, laboratory optic instrument, automatic control equipment

ABSTRACT: This Author Certificate describes a contactless regulator for controlling the size of optical glass fibers, consisting of a controlling system with photometers. The latter include two controlling microscopes situated in two mutually perpendicular planes, reversible electromotors, reducers, and a converter for the motion of the reversible motors (which transmit the motion of the microscopes to the winding motor). To insure accuracy of regulation, the system is equipped with three optical windows, two of which are situated symmetrically with respect to an optical hair line, and a direct light beam to one of the photometers. The third window is used to direct a controlling light beam onto the second

Card 1/2

UDC: 535.8:666.1.036.9:62-533.5

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

L 24817-66

ACC NR: AP6007694

photometer (see Fig. 1).

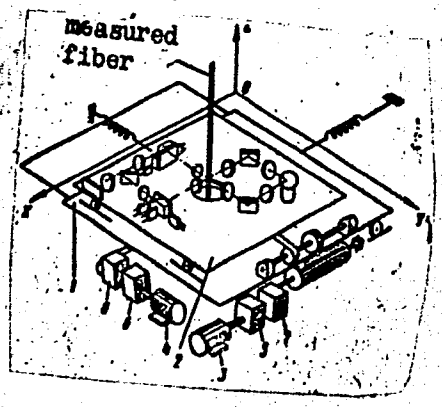

Fig. 1. 1 - lower microscope slide; 2 - upper microscope slide; 3 and 4 - reversible motors; 5 and 6 - reducers; 7 and 8 - mechanical connection.

Orig. art. has: 1 figure.

SUB CODE: 20/11,13/ SUBM DATE: 27Jan64

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANITSKIY, V.I., gornyy inzh.

Boring and blasting operations in permanently frozen overburden rocks. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no.46:113-118 '62. (MIRA 17:1)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

BRODSKIY, A.E.; POKHODENKO, V.D.; GANIUK, L.N.

Transformations of free radicals formed by oxidizing sterically hindered phenols. Rocz chemii 38 no. 1:105-113 '64.

1. Institute of Physical Chemistry, Academy of Sciences, Ukrainian S.S.R., Kiev.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A. Cand Chem Sci -- (diss) "Study of the properties of ~~Research on the~~ geometric isomers of trivalent cobalt" Mos, 1957. 8 pp 22 cm. (Mos State Univ im M. V. Lomonosov, Chem Chem of Faculty, ~~Dept~~ Inorganic Chem), 100 copies

(KL, 20-57, 82)

10

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A.

The ammenitropyridine complexes of trivalent cobalt. I. I. Chernyaev and A. Ganiev. Zhur. Neorg. Khim. 2, 760-4(1957).—The reaction of pyridine with $K[(NH_3)_2(NO_2)_4Co]$ yielded a nonelectrolyte with the compn. $Co(NH_3)_2py(NO_2)_3$ (I). This compd. is bright yellow and only slightly sol. in H_2O. Pyridine reacts with the trans-$(NH_3)_2NO_2NH_2NO_2NO_2Co$ to form $(NH_3)_2NO_2NH_2NO_2pyCoNO_2$ which has a cis-configuration. From the values of the cond. of this compd. at 25° it was concluded that it dissoc. to form 2 ions. The reaction of I with oxalic acid yielded the compd. $(NH_3)_2pyC_2O_4NO_2Co$. $pyH[(NH_3)_2(NO_2)_4Co]$ was prepd. by treating $NH_4[(NH_3)_2(NO_2)_4Co]$ with py.HCl.

J. Roster Leach

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A.

7 -7 4

Triamines of trivalent cobalt. I. I. Chernyaev and A. Ganiev. *Zhur. Neorg. Khim.* 2, 705-71(1957).—The following compds. were prepd. and their structures were proved: $(NH_3)_3NO_2NH_2NO_2NO_2Co.H_2O$; $(NH_3)_3NO_2NH_2NO_2CNSCo$; $(NH_3)_3NO_2NH_2NO_2OHCo.2H_2O$; $(NH_3)_3NO_2NO_2CoNO_2.H_2O$. The phys. properties of these compds. were detd. The data show that compds. which have two nitro groups trans to one another react with HNO₃.

J. Rostar Leach

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A.

Compounds of trivalent cobalt with pyridine and α-picoline.
Zhur.neorg.khim. 7 no.2:261-264 F '61. (MIRA 15:3)

1. Institut yadernoy fiziki AN Uzbekskoy SSR.
(Cobalt compounds) (Pyridine) (Picoline)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A.

Effect of nitric acid on the isomeric salts of dinitrotetraamminecobalt and dinitrodiethylenediaminecobalt. Zhur.neorg.khim. 7 no.2:265-268 F '62. (MIRA 15:3)

1. Institut yadernoy fiziki AN Uzbekskoy SSR.
(Cobalt compounds) (Nitric acid)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A.; MUKHTAROV, R.

β-Picoline-monosubstituted nitroammonium comples compounds of trivalent cobalt. Uzb.khim.zhur. 6 no.6:18-22 '62.

(MIRA 16:2)

1. Institut khimii AN UzSSR.
(Cobalt compounds) (Ammonium compounds)
(Picoline)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

PARPIYEV, N.A.; SARUKHANOV, M.A.; GANIYEV, A.

Infrared spectra of cobalt (III) complex compounds. Uzb.khim.zhur. 8 no.5:54-60 '64. (MIRA 18:5)

1. Institut khimii AN UzSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A. G.

GANIYEV, A. G. — "The Role of Hypnosis and Suggestion in Treating Neuroses under Polyclinic Conditions." Published by "Sovetskiy Kuban'". Min Health RSFSR. Krasnodar, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

So: Knizhnaya letopis', No 8, 1956, pp 97-103

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYeV, A. G., Cand Med Sci — (diss) "Condition of the otorhinolaryngological organs during hypertension," Tashkent, 1960, 14 pp (Tashkent State Medical Institute) (KL, 37-60, 122)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, A.G., assistant

Functional state of the cochlear analyzer in hypertension. Med. zhur. Uzb. no.3:58-62 Mr '60. (MIRA 15:2)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. K.A.Drennova) Tashkentskogo gosudarstvennogo instituta usovershenstvovaniya vrachey.
(HYPERTENSION) (EAR DISEASES)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

BABAYEV, S.G.; GANIYEV, A.M.; BABAYEV, M.A.

Unit for determining the character and extent of wear in eccentrically loaded cylindrical parts. Zav. lab. 31 no.11: 1415-1416 '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut neftyanogo mashinostroyeniya.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B.G., aspirant

Morphological changes in the central nervous system following soon after amputation of the hip. Med.zhur.Uzb. no.10:47-53 O '58. (MIRA 13:6)

1. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - prof. B.A. Stekol'nikov) Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(NERVOUS SYSTEM) (EXCISION OF HIP)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, R.G., Cand Med Sci --(diss)"Effect of femur amputation on the morphology of the central nervous system." Tashkent, 1959. (Min of Health UzSSR. Tashkent State Med Inst), 250 copies (KL,27-59, 123)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B.G., kand.med.nauk

Appearance of phantom sensation and phantom pains in amputees; experimental data. Med. zhur. Uzb. no.11:15-17 N '61. (MIRA 15:2)

1. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - prof. B.A.Stekol'nikov) Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(AMPUTEES--PSYCHOLOGY)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B.G., kand.med.nauk

Pathohistology of a neuroma of the sciatic nerve. Med. zhur. Uzb. no.12:63-65 D '61. (MIRA 15:2)

1. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - prof. B.A.Stekol'nikov) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

(SCIATIC NERVE--TUMORS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B. G., kand. med. nauk

Morphological connections between spinal cord enlargements. Med. zhur. Uzb. no.6:51-54 Je '62. (MIRA 15:7)

1. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - prof. B. A. Stekol'nikov) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

(SPINAL CORD)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B.Z.

2344. Measurement of the limiting strain of gelatinous polyvinyl chloride in dichloroethane. K. S. Akhmedow and B. Z. Ganiyev. *Trudy Sredneaziat. Nosuaqvet Univ., Tashkent*, 1952, 33, 20-33; *Chem. Abs.*, 1956, 50, 1260. Structural-mechanical properties of polyvinyl chloride in dichloroethane are studied by measuring the limiting strain as a function of the concentration, temperature, and time. The strength of the gel-like solution increases with time and concentration. Addition of the plasticizer, tricresyl phosphate, has only peripheral action on the structure. 182:121.142

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B.Z.

5

USSR

Effect of the nature of liquids on the deformation shear of polyvinyl chloride gels. K. S. Akhmedov and B. Z. Ganiev. *Trudy Sredneaziat. Gosudarst. Univ., Khim. Nauki* 8, No. 40, 27-31(1953); *Referat. Zhur., Khim.* 1954, No. 39340.—The strength of polyvinyl chloride gels in pyridine, nitrobenzene, dichloroethane, tritolyl phosphate, and their mixts. was detd. at 0 and 20° as affected by concn. and time. The strength of the gel was characterized by the terminal shear force (P_m) detd. in a conical plastometer (cf. Rebinder and Semenenko, *C.A.* 43, 4[illegible]). The nature of the org. liquids materially affected gel formation and strength. Highest P_m occurred in gels obtained in tritolyl phosphate and were lowest in pyridine. P_m decreased with increasing temp., the P_m temp. coeff. being higher in mixed solvent than in pure liquids. M. Hosch

NA Gan

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, B. Z.

GANIYEV, B. Z. --"Physicochemical Studies of Gutta Eucomia Growing in Uzbekistan."* (Dissertations For Degrees In Science and Engineering Defended at USSR Higher Educational Institutions) (29) Acad Sci Uzbek SSR, Inst of Chemistry, Tashkent, 1955

SO: Knizhnaya Letopis' No 29, 16 July 1955

*For the Degree of Candidate in Chemical Sciences

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

USMANOV, Kh.U.; GANIYEV, B.Z.

Dynamics of the accumulation of gutta-percha and resins in eucommia leaves under conditions prevailing in Uzbekistan. Dokl. An Uz.SSR no.9:17-21 '56. (MIRA 12:6)

1. Institut khimii AN UzSSR. Predstavleno akademikom AN UzSSR S.Yu.Yunusovym.
(Uzbekistan--Eucommia) (Gutta-percha)
(Gums and resins)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, G.G.; RAKHIMOV, A.K.

Experience in the introduction of the IPG-146 hydraulic formation tester of the Grozny Petroleum Scientific Research Institute. Nefteprom. delo no.10:38-40 '63. (MIRA 17:6)

1. Kassanskaya nefterazvedochnaya ekspeditsiya.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GORODNOV, V.D.; RAKHIMOV, A.K.; GANIYEV, G.G.

Using soap stock as an antifoaming agent. Burenie no.12:13-15 '62. (MIRA 18:5)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina i Glavnoye upravleniye geologii i okhrany nedr pri Sovete Ministrov UzSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

RAKHIMOV, A.K.; GANIYEV, G.G.; GORODNOV, V.D.

Treatment of clay muds in regions of southwestern Uzbekistan. Buranie no.9:27-29 '64. (MIRA 18:5)

1. Glaynoye upravleniye geologii i okhrany nedr pri Sovete Ministrov Uzbekskoy SSR i Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy promyshlennosti im. akad.Gubkina.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, I. M.

"Ecologofaunistic Investigation of the Ixodes Ticks of Southern Dagestan in Relation to the Pasture Clearance System of the Animal Husbandry Administration." Cand Biol Sci, Inst of Zoology, Acad Sci USSR, Leningrad, 1953. (RZh Biol, No 1, Jan 55

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, I.M.

Fauna and ecology of ticks of the Ixodidae family in the central Ural Valley. Trudy Zool. inst. 16:489-498 '54. (MIRA 8:6)
(Ural Valley--Ticks)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, I.M

USSR/Zooparasitology - Ticks and Insects (Disease Transmitters) P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70180

Author : Ganyev, I.M.
Title : Biology of tic Hyalomma Plumbeum Panzer.. 1795 Under Conditions of Southern Dagestan.

Orig Pub : Tr. In-ta zhivotovodstva, Dagestansk, Fil. AN SSSR, 1956, 3, 27-33

Abstract : The most convenient laboratory animal for feeding H. p. plumbeum appears to be the rabbit, as the development in the given case proceeds in a normal way (a two-host type) and is of shorter duration than on white mice. In the latter instance, the development proceeds on a three-host type, and the time of development of sated larvae is of double duration. Guinea pigs are entirely unsuitable. The phases of tic development in laboratory conditions are given in the table below.

Card 1/3 - 29 -

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

USSR/Zooparasitology - Ticks and Insects (Disease Transmitters) P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70180

Development Phases	degrees T.	Days	%
Rest period-female	25	3	
Beginning of egglaying	17-19 25	22	
Maturing of eggs	17- 19	29	
Holding of larvae until hardening	-17-19	5-6	
Feeding of larvae and nymphs		12-17	
Rest of nymphs till imago	25	6.26	66.6
	17-19 12-14	26-79 or more	23.3
Feeding of females	-	67-103 and more	4.6
		10,14	

Card 2/3 - 30 -

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

USSR/Zooparasitology - Ticks and Insects (Disease Transmitters) P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70180

Better fed nymphs develop faster and give a larger Percentage of females and decreased mortality than the underfed ones. Observation of well-fed ticks, contained in natural biotypes, showed that the general duration of the biological cycle of one generation of H. p. plumbeum during summer in the flat zone was on the average approx. 133 days, and in the mountains-143 and more. Comparison of latter data with the results of cattle-tic observation brings us to the conclusion that in the southern Dagestan in the course of one vegetative period, one generation of ticks achieves maturation. Evidently, the hungry imagos and partially sated nymphs hibernate. The beginning and the maximum of the spring cattle tic activity in the flat zone occurs earlier than in the lower and higher mountain regions.

Card 3/3

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, I.M.

USSR/Zooparasitology - Ticks and Insects P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70167

Author : Ganiev, I.M.
Inst : Tr. In-ta zhivotovodstva, Dagestansk. Fil.
Title : The Peculiarities of the Vertical-Zonal Distribution of Ixodic Ticks in South Dagestan

Orig Pub : Look Inst. AN SSSR, 1956, 3, 34-41

Abstract : A survey of conditions favorable for the distribution of ticks in the mountains. Comparison of conditions of habitats in the northern and southern slopes. Vertical-zonal distribution of different forms of ixodøidea in the southern Dagestan is given. A schematic classification of the tic fauna of southern Dagestan is given from the viewpoint of their adaptation to certain natural zones.

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GANIYEV, I.M.

USSR/Zooparasitology - Mites and Insects as Disease Vectors. G-3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43441

Author : Ganiev, I.M.
Inst : -
Title : Biology of Tick Dermacentor Marginatus Sulz, 1776, in Dagestan.

Orig Pub : Tr. In-ta zivotnovodstva. Dagest. fil. AN SSSR, 1956, 4, 248-254.

Abstract : By parallel observations in nature and in the laboratory it was established that D. marginatus produces one generation per year. To develop offspring from females which sucked blood in the spring, 77-87 days are needed, and from females which sucked blood in autumn, 318-358. In the summer-autumn season, the sated females diapause, egg development markedly slows down by comparison with the spring-summer period. The hungry larvae and adults, as well as sated nymphs and partially sated females, winter over.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, I. M.

"The Development of Active Prophyiactic Methods Against Hemosporodiosis of Sheep and Goats in Dagestan."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Dagestan Scientific Research Veterinary Station, Makhachkala

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

MAMAYEV, F. Kh.; GANIYEV, I.K., kand. biolog. nauk

Mechanized bath for cattle bathing. Veterinariia 38 no.3:71 Mr '61 (MIRA 18:1)

1. Nachal'nik veterinarnogo otdela Ministerstva sel'skogo khozyaystva Dagestanskoy ASSR (for Mamayev). 2. Dagestanskaya nauchno issledovatel'skaya veterinarnaya stantsiya (for Ganiyev).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, I.M., kand. biol. nauk; KASIMOV, D.D., nauchnyy sotrudnik

Use of chlorophos, trichlorometaphos-3, and polychloropinene against scab disease in sheep. Veterinariia 42 no.12:47 D '65. (MIRA 19:1)

1. Dagestanskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

S/169/62/000/011/021/077
D228/D307

AUTHOR: Ganiyev, K.G.

TITLE: Interdepartmental conference on studying land surface evaporation, Valday, August 1-5, 1961

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1962, 29, abstract 11B184 (Uzb. geol. zh., no. 3, 1962, 86)

TEXT: A conference, devoted to the problem of studying land surface evaporation, was held in the town of Valday from August 1 to 5, 1961. 25 papers were heard. Questions of the application of existing methods for estimating total evaporation, of the development of more progressive methods, and of new instrument designs were discussed. The conference reached the following conclusions: The ГГИ-500-100 (GGI-500-100) soil evaporator is the most acceptable on the wide grid of evaporation stations. An area of 20 m^2 is intermediate for water surface evaporators; evaporators with an area of less than 20 m^2 give rather high evaporation values, but those with an area of more than 20 m^2 give rather low values.

Card 1/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

Interdepartmental conference ... S/169/62/000/011/021/077
D228/D307

The thermal method of studying soil surface evaporation is the most accurate. It was recommended that an evaporation standard should be created in the south of the Ukraine and in Central Asia, with the establishment of a large-model hydraulic evaporator.
[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, K.G.

Use of B.V.Poliakov's method for determining the total evaporation in Central Asia. Uzb.geol.zhur. no.6:57-61 '61. (MIRA 14:12)
(Shakhristan Lowland--Evaporation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, K.G.

Methods for determining the water cycle for intermountain areas as revealed by the studies in the Shakhristan Depression. Vop. geol. Uzb. no.3:145-152 '62. (MIRA 16:6)

(Shakhristan region--Water cycles)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, K.G.

Hydrogeological conditions in the Shakhristan Depression. Uzb. geol.zhur. 6 no.2:53-58 '62. (MIRA 15:4)

1. GIDROINGEO AN UzSSR.
(Shakhristan Depression--Water, Underground)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, Kh.G.

Biochemical adequacy of biopsy material taken from the liver in certain diseases. Akt. vop. pat. pech. no.2:37-47 '53. (MIRA 13:8)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, K.G.

Possibility of obtaining additional water resources in the Shakhristan Depression from deep horizons. Uzb. geol. zhur. 7 no.4:83-86 '63. (MIRA 16:10)

1. Institut gidrogeologii i inzhenernoy geologii AN UzSSR.
(Shakhristan Depression—Water resources development)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

SLYADNEV, A.F.; GANIYEV, K.G.

Surface runoff from the northern slope of the Turkestan Range. Uzb. geol. zhur. 9 no.2:11-17 '65. (MIRA 18:6)

1. Institut gidrogeologii i inzhenernoy geologii Gosudarstvennogo geologicheskogo komiteta SSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

SLYADNEV, A.F.; GANIYEV, K.G.

Effect of the Southern Golodnaya Steppe Canal on the regime of ground waters. Uzb. geol. zhur. 9 no.4:45-49 '65. (MIRA 18:9)

1. Institut gidrogeologii i inzhenernoy geologii Gosudarstvennogo geologicheskogo komiteta SSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

SOV/137-58-7-16123

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 313 (USSR)

AUTHOR: Ganiyev, Kh. V.

TITLE: On the Determination of Hydrogen in Electrolytic Iron Coating (K opredeleniyu vodoroda v elektroliticheskom zheleznom pokrytii)

PERIODICAL: Dokl. AN TadzhSSR, 1957, Nr 20, pp 63-65

ABSTRACT: The method was developed for the determination of H_2 in Fe coatings by means of the measurement of its volume as it evolves upon the anodic dissolution of the coating in an electrolyte containing 200 g $FeCl_2 \cdot 4H_2O$, 100 g NaCl and 1 cc HCl in 1 liter of solution. The percentage of H_2 in the coating is determined after the amount of dissolved Fe is determined coulometrically. The error introduced by the evolution of H_2 during partial corrosion of the coating is not great. It is established that during the anodic solution there is no evolution of O_2 on the anode.

1. Hydrogen--Determination 2. Iron coatings--Electrolysis
3. Iron--Volumetric analysis

A. F.

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Chair Chem., Tadzhik Agricul. Inst.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

1. GANIYEV, M.

2. USSR (600)

4. Cotton-Picking Machinery

7. Mechanical picking of raw-cotton culls in irrigated cotton growing. Khlopkovodstvo no. 11, 1952

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

NEVSKIY, M.V.; POTATUYEVA, O.N.; RAKHIMOV, A.R.; BGASHEVA, V.S.; KARPOVA, A.N.; GANIYEV, M.G.

Phagoprophylaxis of typhoid fever in children of preschool age. Zhur.mikrobiol., epid. i immun. 42 no.12:62-63 D '65. (MIRA 19:1)

1. Uzbekskiy institut epidemiologii, mikrobiologii i infektsionnykh zabolevaniy i Tashkentskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.K.; AZIMOV, I.M.

Isolation of Keratinomyces ajelloi, Microsporum gupseum and Trichophyton gupseum from the soils of the Azerbaijan S.S.R. Izv. AN Azerb. SSR. Ser. biol. nauk no.3:45-50 '65.

(MIRA 18:10)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.K.; [illegible]

Change in the quantity of bacteria in [illegible] of the rumen of buffaloes and red cattle fed with different feed rations. Izv. AN Azerb. SSR. Ser. biol. nauk no. [illegible] '65. (MRA 18:7)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M. K

Veterinary Microbiology. Baku 1950. Azerneshr.

SO: Veterinariya, No 4, Apr 1951, pp 60-61, Moscow.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M. K.

"Equine glanders and the fight against it." Baku, Azernsher, 1951.

SO: Vet., March 1952.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

Ганиев, М. К.

USSR / Microbiology. Microorganisms Pathogenic to Humans and Animals. F-3

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 33865

Author : Terosov, A. M., Ganiev, ~~M. K.~~
Inst : Not given
Title : Reactions of Animals Vaccinated Against Brucellosis by a Viable, Dry Vaccine, Strain 19.

Orig Pub : Tr. Azerb. n.-i. vet. opytn. st., 1956 (1957), 5, 100-102.

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.K., professor

Azerbaijan Research Institute for Animal Husbandry and Veterinary Medicine. Trudy VIEV 23:349-351 '59. (MIRA 13:10)
(Azerbaijan—Veterinary research)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.K.; AGABEYLI, A.A.; AKHMEDOV, A.M.; MUSAYEV, M.A.; AKHMEDOVA, Sh.I.

"Manual on veterinary sanitation of packinghouse products and the hygiene of meat production." Reviewed by M.K. Ganiev and others. Vop. pit. 19 no. 5:83-85 S-O '60. (MIRA 14:2)
(MEAT INSPECTION)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.K., prof.; TEVOSOV, A.M., kand. veter. nauk;
SHIRINOV, F.B., aspirant

Etiology of diarrhea in piglets. Veterinariia 39 no.10:37-39
O '62. (MIRA 16:6)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy veterinarnyy institut.

(Diarrhea)
(Swine—Diseases and pests)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.; EFENDIYEV, S.S.; KURBANOVA, F.A.

Growth promoting substance of petroleum origin as a factor helping to improve the quality of water microflora research. Dokl. AN Azerb. SSR 20 no.5:75-79 '64. (MIRA 17:8)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy veterinarnyy institut.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

KORZENKO, V.N.; SAYKOVSKAYA, V.A.; PROTASENYA, S.G.; KOLIYEV, M.F. (Severo-Osetinskaya ASSR); FEDYUSHKIN, M.Ye.; FEYTENGEYMER, V.A., kand. veter. nauk; YAMASHEV, S.G., kand. veter. nauk; AKHMETZYANOV, F.Kh., mladshiy nauchnyy sotrudnik; SHVETSOV, K.A., veterinarnyy vrach; GANIYEV, M.K., prof.; FARZALIYEV, I.A., dotsent

Smallpox in cattle. Veterinariia 41 no.7:31-34 Jl '64. (MIRA 18:11)

1. Belorusskiy institut epidemiologii i gigiyeny (for Korzenko, Saykovskaya, Protasenya). 2. Direktor Severo-Osetinskoy respublikanskoy veterinarnoy laboratorii (for Fedyushkin). 3. Kazanskiy veterinarnyy institut (for Feytengeymer, Yamashev, Akhmetzyanov, Shvetsov). 4. Azerbaydzhanskiy nauchno-issledovatel'skiy veterinarnyy institut (for Ganiyev, Farzaliyev).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, M.S.

Ganiyev, M.S.

"Investigation of the Roller Working Parts of 'Kurak'-Harvesting Machines." Min Higher Education USSR. Tashkent Inst of Engineers of Irrigation and Mechanization of Agriculture. Tashkent, 1955. (Disseration for the Degree of Candidate in Technical Science.)

Knizhnaya Letopis': No. 27, 2 July 1955

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

GANIYEV, N. S.

Ganiyev, N. S.--"Certain Problems Concerning the Stability of a Cylindrical Shell Beyond the Limit of Elasticity." Cand Phys-Math Sci, Kazan' State U, Kazan' 1953. (Referativnyy Zhurnal--Mekhanika Jan 54)

SO: SUM 193, 22 July 1954

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

SOV/124-57-5-5939

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 133 (USSR)

AUTHOR: Ganiyev, N. S.

TITLE: Determining the Critical Maximum of a Uniformly Distributed Normal Pressure Exerted Over the Entire Surface of a Short Cylindrical Shell When Said Pressure Exceeds the Shell's Elastic Limit (Opredeleniye verkhney granitsy kriticheskogo vsestoronnego davleniya korotkoy tsilindricheskoy obolochki za predelom uprugosti)

PERIODICAL: Tr. Kazansk. khim.-tekhnol. in-ta. 1955, Nr 19-20, pp 317-324

ABSTRACT: The solution to the problem which the author poses is sought in the form $u = A \sin n\theta \cos \alpha x/h$, $v = B \cos n\theta \sin \alpha x/h$,

$$w = C \sin n\theta \sin \alpha x/h,$$

wherein u, v, and w are the displacement components and h is the thickness of the shell. It is assumed that the buckling of the shell will consist solely in purely plastic strains. On the assumption that n and $\alpha = \pi a/l$ have large numerical values (a being the shell radius, and l the length of the shell) the author evolves a formula for the critical load. A relationship is given also which permits calculation

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SOV/124-57-5-5939

Determining the Critical Maximum of a Uniformly Distributed Normal Pressure(cont.)

of the numerical value of the quantity $\gamma = n^2/a^2$. Some further simplifying assumptions with respect to the shell's critical flexibility make it possible to evolve a simple formula for the critical load; it is stated that the critical-load values obtained with this formula tend to underrate the critical load by a margin of the order of some 6 - 7%. From the calculations performed in the paper the fact emerges that, if the stiffening parameter λ is equal to or less than 0.9, for all practical purposes the critical load can be determined with the formulas of the theory of elasticity, it being necessary only that the Young modulus therein be replaced by the Kármán modulus. When the stiffening parameter λ exceeds 0.9, however, use of that procedure results in sizable errors.

Yu. R. Lepik

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"

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87320
S/124/60/000/011/005/005
A005/A001

10.9100

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 11, p. 152, # 15088

AUTHOR: Ganiyev, N.S.

TITLE: The Stability of a Bimetallic Cylindric Shell Under the Effect of a Uniform External Pressure Beyond the Elasticity Limit

PERIODICAL: Tr. Kazansk. khim.-tekhnol. in-ta, 1957 (1959), No. 22, pp.27-35

TEXT: The shell is assumed to be thin, of circular cross section, the layer to be isotropic and uniform, rigidly coupled over the surface of the joint. The problem pointed out in the title is solved for an incompressible material which obeys the theory of small elastic-plastic deformations under the condition that elastic recovery does not proceed in the process of the loss of stability. The author treats this statement as the solution of the problem to a first approximation. Three equations are obtained for the neutral equilibrium in displacements, which are satisfied in the case of free supported edges. The author neglected the terms small for shells of medium length and obtained a formula for the determination of the external critical pressure when the generalized condition of the maximum susceptibility is fulfilled ($E_1 \delta_1^2 = E_2 \delta_2^2$; E_1, E_2 are the moduli of elas-

Card 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0

87320
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A005/A001

The Stability of a Bimetallic Cylindric Shell Under the Effect of a Uniform External Pressure Beyond the Elasticity Limit

ticity of the layers; δ_1, δ_2 are thicknesses). Special cases of this formula are considered (both layers are elastic, one layer is elastic, the other is ductile, etc.).

E.I. Grigolyuk

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614220015-0"