AFRIKYAN, V.G.; PAPAYAN, G.L.; MNDZHOYAN, O.L.; GASPARYAN, O.Ye.

5-propoximethylfuran-2-carboxylic acid. Sint.geterosikl.soed. no.1:46-47 '56. (MIRA 10:11)
(Furoic acid)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134820008-4"

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; MNDZHOYAN, O.L.; BABIYAN, N.A.

3-(2'-furyl)-5-mercaptotriazole-1,2,4. Sint.geteroteikl.soed. no.1:59-60 '56. (MIRA 10:11)
(Triazole)

MNDZHOYAN, A.L.; GRIGORYAN, M.T.; MNDZHOYAN, O.L.; BAGDASARYAN, E.P.

β-chloroethyl ester of furan-2-carboxylic acid. Sint.geterotsikl. soed. no.1:74-75 '56. (MIRA 10:11)

(Furoic acid)

MNDZHOYAN, A.L.; MNDZHOYAN, O.L.; GASPARYAN, O.Ye.

Investigation in the field of dibasic carboxylic acid derivatives. Part 13. Dokl.AN Arm.SSR 22 no.1:23-28 '56. (MLRA 9:7)

1.Deystvitel'nyy chlen AN Armyanskoy SSR (for Mndzhoyan, O.L.).
2.Laboratoriya farmatsevticheskoy khimii Akademii nauk Armyanskoy SSR. (Succinic acid)

MNDZHOYAN, A.L.; MNDZHOYAN, O.L.; GASPARYAN, O.Ye.

Research in the field of simple amino esters. Report 1. Dokl.AN Arm.SSR 22 no.3:119-122 '56. (MLRA 9:8)

1. Deystvitel'nyy chlen AN Armyanskoy SSR (for A.L. Mndzhoyan);
2. Laboratoriya farmatsevticheskoy khimii Akademii nauk Armyanskoy SSR.

(Amino acids) (Esters)

Mndzhoyan, O. L.

USSR/Organic Chemistry - Synthetic Organic Chemistry E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4276

Author : Mndzhoyan, A.L., Mndzhoyan, O.L., Bagdasaryan, E.R.

Inst : Academy of Sciences Armenian SSR

Title : Investigation of Derivatives of Dibasic Carboxylic Acids. Communication XV. Mixed Dialkylaminoethyl-Dialkylaminoalkyl Esters of Succinic Acid.

Orig Pub : Dokl. AN ArmSSR, 1956, 22, [illegible], 159-164

Abstract : To determine the effect of various dialkylaminoalkyl substituents of succinic acid on the curare-like activity (duration and potency of action) compounds of the general formula $R_2N(CH_2)_{[illegible]}OOC(CH_2)_2COO(R')$ were synthesized (listing R, R', yield in %, BP °C/mm, $n^{20}D$, d_4^{20}, [illegible] methyl iodide and ethyl iodide):

Card 1/5

USSR/Organic Chemistry - Synthetic Organic Chemistry

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4276

CH_3, $(CH_3)_2N(CH_2)_3$, 51.8, 168-170/3, 1.443, 1.0179, -, 164-166, -; C_2H_5, $(CH_3)_2N(CH_2)_3$, 39.4, 203-205/4, 1.447, 1.0038, -, -, -; $CH_3(CH_3)_2NCH_2CH_2CH(CH_3)$, 34.7, 156-157/4, 1.446, 1.0171, 126-128, 150-152, 139-141; C_2H_5, $(CH_3)_2NCH_2CH_2CH(CH_3)$, 35.79, 168-169/4, 1.448, 0.9945, 91-93, 133-135, -; CH_3, $(CH_3)_2NCH_2CH(CH_3)CH(CH_3)$, 36.4, 164-166/4, 1.449, 1.0194, 108-110, 132-135, 179-181; C_2H_5, $(CH_3)_2NCH_2CH(CH_3)CH(CH_3)$, 54.5, 173-175/4, 1.448, 0.9908

CH_3, $(CH_3)_2NCH_2C(CH_3)_2CH_2$, 34.2,

Card 2/5

USSR/Organic Chemistry - Synthetic Organic Chemistry

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4276 E-2

C_2H_5, $(C_2H_5)_2N(CH_2)_3$, 60.6, 186-189/6, 1.447, 0.9971, -, 106-108, 148-150; CH_3, $(C_2H_5)_2NCH_2CH_2CH(CH_3)$, 46.15, 175-178/2, 1.446, 0.9976, -, -, -; C_2H_5, $(C_2H_5)_2NCH_2CH_2CH(CH_3)$, 80.98, 198-200/6, 1.443, 0.9661, 115-117, 133-135, -; CH_3, $(C_2H_5)_2NCH_2CH(CH_3)CH(CH_3)$, 57.6, 168-171/4, 1.455, 1.0187, 168-170, 235-237, 157-159; C_2H_5, $(C_2H_5)_2NCH_2CH(CH_3)CH(CH_3)$ 61.4, 182-184/4, 1.445, 0.9748, 128-130, 124-126, 154-156; CH_3, $(C_2H_5)_2NCH_2C(CH_3)_2CH_2$, 64.2, 197-200/3, 1.442, 0.9781, -, -, -; C_2H_5, $(C_2H_5)_2NCH_2C(CH_3)_2CH_2$, 74.8, 190-193/3,

Card 4/5

- 33 -

MNDZHOYAN, A.L.; MNDZHOYAN O.L.; BAGDASARYAN, E.R.

Research on furan derivatives. Report 8. Dokl. AN Arm. SSR. 23 no.4:175-181 '56. (MIRA 10:1)

1. Deystvitel'nyy chlen Akademii nauk Armyanskoy SSR (for A.L. Mndzhoyan) 2. Laboratoriya farmatsevticheskoy khimii Akademii nauk Armyanskoy SSR.

(Furan)

MNDZHOYAN, O.L.; DOKHIKYAN, A.A.

Acetofuran(furyl-2-methyl ketone). Sint. geterotsikl. soed. no. 2:143-147 '57. (MIRA 11:2)

(Ketones)

MNDZHOYAN, O.L.; GRIGORYAN, A.N.

Diethyl ester of tetrahydrofurfurylmalonic acid. Sint. geterotsikl. soed. no. 2:36-39 '57.
(Furanmalonic acid) (MIRA 11:7)

MNDZHOYAN, O.L.; BAGDASARYAN, V.H.; GRIGORYAN, A.N.

Diethyl ester of furfurylidenemalonic acid. Sint. geterotsikl. soed. no. 2:40-42 '57.
(Furanmalonic acid) (MIRA 11:7)

MRDZHOYAN, O.L.; BABIYAN, N.A.

Furanacrolein. Sint. geterotsikl. soed.no. 2:57-60 '57.
(Furanacrolein) (MIRA 11:7)

MKDZHOYAN, O.L.; BABIYAN, N.A.

Furfuryldiethylamine. Sint. geterotsikl. soed. no. 2:74-76 '57.
(Furfurylamine) (MIRA 11:7)

MNDZHOYAN, O.L;GRIGORYAN, A.N.

Tetrahydrofurfuryl alcohol. Sint. geterotsikl. soed. no.3:65-66 '58
(Furfuryl alcohol) (MIRA 13:3)

MNDZHOYAN, O.L.; ROSTOMBEKYAN, V.Kh.

Furfuryl acetate. Sint. geterotsikl. soed. no.3:76-78 '58 (MIRA 13:3)
(Acetic acid) (Furfuryl alcohol)

MNDZHOYAN, O.L.;GRIGORYAN, A.N.

α-Cyanofurfuryl ester of benzoic acid. Sint. geterotsikl. soed. no.3:81-82 '58 (MIRA 13:3)
(Benzoic acid)

MNDZHOYAN, O.L.

Reactions between dialkylaminoalkyl chlorides and hexamethylenetetramine. Preparation of diethylethylenediamine. Izv. AN Arm. SSR khim. nauk 11 no.1:57-60 '58. (MIRA 11:6)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
(Ethylenediamine)

MNDZHOYAN, A.L.; MNDZHOYAN, O.L., akademik

Studies in the field of the derivatives of substituted acetic acids. Report No.11. Dokl. AN Arm. SSR 26 no.4:245-252 '58. (MIRA 11:5)

1.An Armyanskoy SSR (for Mndzhoyan, O.L.). 2.Institut tonkoy organicheskoy khimii Akademii nauk Armyanskoy SSR.
(Acetic acid)

MNDZHOYAN, A.L., akademik; MNDZHOYAN, O.L.; GRIGORYAN, A.N.

Research in the field of derivatives of substituted acetic acids. Report No.12. Dokl. AN Arm. SSR 26 no.5:289-295 '58. (MIRA 11:7)

1.Institut tonkoy organicheskoy khimii AN ArmSSR. 2. AN ArmSSR (for Mndzhoyan, A.L.)
(Acetic acid)

MNDZHOYAN, A.L., akademik; MNDZHOYAN, O.L.; BABIYAN, N.A.

Investigations in the field of derivatives of dibasic carboxylic acids. Report No. 19. Dokl.AN Arm.SSR 27 no.4:239-242 '58.
(MIRA 12:1)

1. AN Armyanskoy SSR (for Mndzhoyan). 2. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
(Succinic acid)

MNDZHOYAN, A.L.; MNDZHOYAN, O.L.; BABIYAN, N.A.

3,4-Furandicarboxylic acid. Sint. geterotsikl. soed. no.3:86-91 '59.
(MIRA 13:11)
(Furandicarboxilic acid)

MNDZHOYAN, O.L.; BAGDASARYAN, E.R.

Tetrahydrofurfurylbenzylacetic acid. Sint. geterotsikl. soed. no.4:77-80 '59. (MIRA 13:11)
(Hydrocinnamic acid)

MNDZHOYAN, A.L.; MNDZHOYAN, O.L.; GASPARYAN, O.Ye.

Some glycol esters of dialkylaminoacetic and propionic acids. Izv.AN Arm.SSR.Khim.nauki 12 no.6:425-433 '59. (MIRA 13:7)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR. (Acetic acid) (Propionic acid) (Glycols)

MNDZHOYAN, A.L., akademik; MNDZHOYAN, O.L.; GASPARYAN, O.Ye.

Research on derivatives of dibasic carboxylic acids. Report No.20: Piperidyl- and pyrrolidylethyl esters of some dibasic carboxylic acids. Dokl. AN Arm. SSR 28 no.2:73-77 '59. (MIRA 12:6)

1. Institut tonkoy organicheskoy khimii AN ArmSSR. 2. AN ArmSSR (for Mndzhoyan, A.L.)

(Ethanol) (Acids)

MNDZHOYAN, A.L., akademik; MNDZHOYAN, O.L.; BAGDASARYAN, E.R.

Research in the field of furan derivatives. Report No.22: Some dialkylaminoethyl esters of furylalkyl and furyl p-alkoxyphenyl carbinols. Dokl. AN Arm.SSR 29 no.1:41-47 '59. (MIRA 12:11)

1. Institut tonkoy organicheskoy khimii Akademii nauk Armyanskoy SSR. 2. AN Armyanskoy SSR (for A.L. Mndzhoyan).
(Furan) (Methanol)

[illegible]

[illegible] POGOSYAN, G.M.

[illegible] No.1:Some α- [illegible] β-dial- [illegible] Izv. AN Arm. SSR, [illegible]
(MIRA [illegible])

[illegible] khimii AN ArmSSR.
(F[illegible])

MNDZHOYAN, A.L., akademik; MNDZHOYAN, O.L.; BARDASARYAN, E.R.; MNATSAKANYAN, V.A.

Studies on derivatives of substituted acetic acids. Report No.13: Some dialkylaminoalkyl esters of phenylalkyl and aryl acetic acids. Dokl.AN Arm.SSR 30 no.2:97-107 '60. (MIRA 13:6)

1. Institut tonkoy organicheskoy khimii Akademii nauk Armyanskoy SSR. 2. Akademiya nauk Armyanskoy SSR (for Mndzhoyan, A.L.).

(Acetic acid)

MNDZHOYAN, O.L.; BAGDASARYAN, E.R.

Derivatives of substituted acetic acids. Report No.24: Dialkylaminoalkyl esters of p-alkoxybenzilphenylacetic acids. Izv.AN Arm. SSR. Khim.nauki 15 no.4:371-377 '62. (MIRA 15:11)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.

(Acetic acid)

MNDZHOYAN, O.L.; MOROZOVA, N.M.

Amino ethers. Report No.3: Some diakylamino ethyl ethers of p-alkoxybenzhydrol. Izv.AN Arm.SSR.Khim.nauki 15 no.6:553-562 '62. (MIRA 16:2)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
(Amines) (Benzhydrol)

ACC NR: AP6029329 (A) SOURCE CODE: UR/0426/66/019/006/0441/0446

AUTHOR: Mndzhoyan, O. L.; Morozova, N. M.; Samvelyan, V. M.

ORG: Institute of Fine Organic Chemistry, AN ArmSSR (Institut tonkoy organicheskoy khimii AN ArmSSR)

TITLE: Studies in the field of amino derivatives. Part 14: Some N-(β-chloroethyl)-N-benzyl-N-p-alkoxybenzylamines

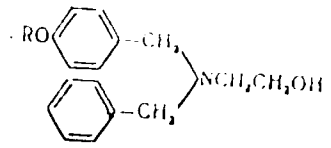
SOURCE: Armyanskiy khimicheskiy zhurnal, v. 19, no. 6, 1966, 441-446

TOPIC TAGS: amino salt, secondary amine, organic synthetic process

ABSTRACT: Alkoxy derivatives of dibenamine

$$(C_6H_5CH_2)_2NCH_2CH_2Cl \cdot HCl \quad (I)$$

were synthesized. Their general structure was



Card 1/3

UDC: 541.69+547.233

ACC NR: AP6029329

The physical properties of the alkoxybenzylamines obtained are shown in Table 1, and the properties of their hydrochlorides in Table 2. All the hydrochlorides manifested a more or less pronounced adrenolytic activity. They also had a pronounced ganglion-blocking and "H" cholinolytic effect. Orig. art. has: 3 tables.

Table 1

R	Yield, %	Boiling point °C/mm	Molecular formula	d_4^{20}	n_D^{20}	MR_D calculated	MR_D found
CH_3	57,7	205-7/3	[illegible]NO_2	1,0[illegible]	[illegible]	[illegible]	[illegible],54
C_2H_5	62,0	175-80/1	C_{18}[illegible]NO_2	1,0755	[illegible]	[illegible],25	[illegible]
C_3H_7	67,5	202-3/1	$C_{19}H_{25}NO_2$	1,06[illegible]	1,5[illegible]	[illegible]	[illegible]
iso C_3H_7	33,3	192-5/1	$C_{19}H_{25}NO_2$	1,06[illegible]	[illegible]	[illegible]	[illegible]
C_4H_9	53,3	219-21/1	$C_{20}H_{27}NO_2$	1,0534	1,5456	94,47	94,13
iso-C_4H_9	48,6	196-8/0,5	$C_{20}H_{27}NO_2$	1,0510	1,5456	94,47	94,35
C_5H_{11}	63,0	238-9/2	$C_{21}H_{29}NO_2$	1,0398	1,5415	99,06	[illegible]
iso-C_5H_{11}	71,3	225-30/2	$C_{21}H_{29}NO_2$	1,0386	1,5400	99,06	99,06

Card 2/

ACC NR: AP6029329

Table 2

R	Yield, %	Boiling point °C/mm	Molecular formula	Melting point, °C
CH_3	96,1	190—192/4	$C_{11}H_{20}ClNO$	163
C_2H_5	92,3	190—195/1	$C_{12}H_{22}ClNO$	124—126
C_3H_7	81,8	180—187/2	$C_{13}H_{24}ClNO$	108—114
iso-C_3H_7	94,5	170—175/2	$C_{13}H_{24}ClNO$	130—133
C_4H_9	57,4	207—208/3	$C_{20}H_{26}ClNO$	108—110
iso-C_4H_9	74,6	203—205/3	$C_{20}H_{26}ClNO$	137—138
C_5H_{11}	87,3	236—239/3	$C_{21}H_{28}ClNO$	114—115
iso-C_5H_{11}	71,3	210—213/3	$C_{21}H_{28}ClNO$	118—119

SUB CODE: 07/ SUBM DATE: 01Mar65/ ORIG REF: 001/ OTH REF: 008

Card 3/3

BABAYAN, A.T.; MKRYAN, G.M.; MNDZHOYAN, Sh.L.

Research data on quaternary ammonium compounds. Part 6: Splitting of 1,4-ditrialkylammonium chloride)-butyne-2 and 2-chlorobutene-2 by means of sodium hydroxide. Zhur. ob. khim. 27 no.3:604-606 Mr '57. (MLRA 10:6)

1. Khimicheskiy institut Akademii nauk Armyanskoy SSR.
(Ammonium compounds) (Butene) (Butyne)

MKRYAN, G.M.; MNDZHOYAN, Sh.L.; PAPAZYAN, N.A.; MELKONYAN, S.A.

Reactions of active methylene groups of acetylenic compounds. Izv.AN Arm.SSR.Khim.nauki 15 no.1:107-108 '62. (MIRA 15:7)

1. Yerevanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka imeni akad.Lebedeva.
(Methylene group) (Acetylene compounds)

MKRYAN, G.M.; MNDZHOYAN, SH.L.

Reactions of ethers with unsaturated radicals. Part 2: Reaction of the 1,4-cleavage of ethers with a 2-butynyl radical. Izv.AN Arm.SSR.Khim.nauki 17 no. 3:306-313 '64. (MIRA 17:7)

1. Yerevanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka.

MKRYAN, G.M.; [illegible]

[illegible] Izv. AN Arm.SSR. Khim.nauki [illegible]
[illegible]

(MIRA [illegible])

1. Vsesoyuznyy [illegible] institut [illegible] produktov.

MKRYAN, G.M.; MNDZHOYAN, Sh.L.; GASPARYAN, G.M.

Compounds of the [illegible] series. Part 1. [illegible] of acetylenic alcohols to vinylacetylene by the action of [illegible]. Izv. AN Arm. SSR. Khim. nauki 17 no.6:643-650 '64. (MIRA 18:6)

1. Yerevanskiy filial Vsesoyuznogo nauchno-[illegible] Instituta sinteticheskikh i natural'nykh dushistykh veshchestv.

MNUKHIN, S.S.; DINABURG, Ye.Ya. (Leningrad)

Epileptiform manifestations in early dextral and sinistral lesions of the brain in children. Zhur. nevr. i psikh. 65 no.7:1073-1077 '65. (MIRA 18:7)

FAL'KOVICH, Yu. Ye., MNDZHOYAN, Ye. L.

Distillation

Factors in the redistillation of impurities in ethyl alcohol. Vin. [illegible]

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

MNDZHOYAN, E.L.

The formation of the volatile components of brandy by distillation. E. L. Mndzhoyan. *Biokhim. Vinodeliya, Sbornik* 4, [illegible] includes besides EtOH, substances such as aldehydes, acetals, esters, higher alc., furfural, volatile acids, etc. Three wines were used: high-acid, low-alc. wine of the type Lalvari (I), low-acid, high-alc. wine of the type Rkatseteli (II), and a red table wine Arenі (III). The samples were refluxed for 9 hrs. (copper flasks were used). I showed a greater increase in esters than in II and III. Pentose in all tests was completely converted to furfural. Neutralized wine on boiling showed an insignificant increase in aldehydes, but a marked increase in acetals. Pentose appears unchanged in neutralized wine. The effect of the material of the flask used for distn. was investigated. Formation of volatile components is the least in flasks of glass. The increase of esters is greatest in flasks of iron (IV) decreasing in concn. with flasks of copper (V), glass lined with silver (VI) and tin (VII) and finally in glass (VIII). Furfural formation occurs the least in VIII < IV < VI. Complete conversion of pentose occurs in V and VII. In a comparison of brandy of 1-yr., 2-yr., and 3-yr.-old types, it was found that the [illegible] aldehydes and furfural is greatest in the 1-yr.-old brandy and that the amt. of volatile acids, total esters, and MeOH [illegible] in the brandy 3 or 4 yrs. old [illegible]

MNdzhoyAN, E. L.

CH Distilling apparatus in the cognac industry. E. L. Mndzhoyan. *Vinodelie i Vinogradarstvo S.S.S.R.* 14 No. 3, 25-35 (1954).—The formation and changes of aldehydes, acetals, esters, furfurals, and MeOH is examd., and the results of the study are delineated in a no. of detailed tables.
E. Markus

MNDZHOYAN, E. L.

Formation of carbon dioxide in storage of cognac alcohols. L. M. Dzhanpoladyan and E. L. Mndzhoyan. *Doklady Akad. Nauk Armyan. S.S.R.* No. 177-80(1953) (in Russian; Armenian summary).—The air space above stored cognac alc. may contain up to 4.5% CO_2, while the liquid phase may contain up to 2.3–6.0 mg./l. CO_2. After prolonged storage this may rise to 6.5–71 mg./l. This indicates continued oxidative processes. Similar results occur in the interaction of air with wood matter as shown by expts. with various varieties of oak in contact with aq. EtOH. The highest content of CO_2 is attained in about 20-vol. % EtOH; contact with dioxane gives up to 39.5 mg./l. CO_2, while 9.0 mg./l. of CO was found after contact of oak with gasoline in presence of air for 20 days. The latter core of the oak tree tends to produce the highest concn. of CO_2 in comparison with peripheral parts; furth-rmore, this concn. is further increased by some 100% by heating the wood in a drying oven at 140°.

G. M. Kosolapoff

CH 1

DZHANPOLADYAN, L.M.; MNDZHOYAN, Ye.L.

On the composition of wood of Armenian oaks as raw material for the cognac industry. Izv.AN Arm.SSR. Biol. i sel'khoz. nauki 9 no.5: 95-102 S '56. (MLRA 9:11)

1. Institut vinogradarstva i vinodeliya Akademii nauk Armyanskoy SSR. (ARMENIA—OAK) (WOOD—CHEMISTRY) (BRANDY)

MNDZHOYAN, Ye.L.

Transformation and formation of substances during the heating of wines. Biokhim. vin. no.7:208-217 '63. (MIRA 16:4)
(Distillation) (Wine and wine making)

21(7)
AUTHORS: Zaytsev, A. A., Vasil'yeva, M. Ya., Mnev, V. N. SOV/56-36-5-58/76

TITLE: On a Possibility of Determining the Potential in the Plasma Space From the Characteristic of Noises Occurring in a Gas Discharge (O vozmozhnosti opredeleniya potentsiala prostranstva plazmy po kharakteristikam shumov, voznikayushchikh v gazovom razryade)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 36, Nr 5, pp 1590-1591 (USSR)

ABSTRACT: As the usual probe-method by means of which potential determinations in the plasma are carried out is connected with numerous difficulties, the authors of the present "Letter to the Editor" suggest that the noises occurring in a gas discharge be recorded and that conclusions be drawn from their characteristic as to the course of the potential. In gas-filled tubes with a glow cathode noises with amplitudes of up to 1 v occur with discharges in wide frequency ranges (kilo-megacycles). The authors carried out noise measurements in the probe-cathode range in cylindrical tubes with oxide cathode by using the noise meter IP-12M.

Card 1/2

On a Possibility of Determining the Potential in the Plasma Space From the Characteristic of Noises Occurring in a Gas Discharge SOV/56-36-5-58/76

As filling gas krypton was used within the pressure range of from 0.01 to 1 torr; the discharge currents were between 6 and 140 ma. Figure 1 shows a typical probe characteristic and the corresponding noise curves, figure 2 shows potential distribution along the discharge axis determined by the usual as well as by the "noise" method. There is good agreement between the curves. There are 2 figures and 4 references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: January 14, 1959

Card 2/2

S/879/62/000/000/046/088
D234/D308

AUTHOR: Mnev, Ye. N. (Leningrad)

TITLE: Vibrations of a circular cylindrical shell immersed in a closed cavity filled with an ideal compressible liquid

SOURCE: Teoriya plastin i obolochek; trudy II Vsesoyuznoy konferentsii, L'vov, 15-21 sentyabrya 1961 g. Kiev, Izd-vo AN USSR, 1962, 284-288

TEXT: It is assumed that the ends of the shell are hinged, the motion of the liquid is potential, the walls of the cavity are two concentric cylinders. The problem is considered in linear formulation. For natural axially symmetric vibrations of a shell of infinite length, the problem is solved in terms of cylindrical functions. For a shell of finite length the tangential acceleration is neglected and the liquid is assumed to be incompressible. The separation of variables leads to two differential equations which are reduced to an infinite system of algebraic equations by the Bubnov-Galerkin method: to obtain an approximate solution one can take a finite system of N equations. There is 1 figure.

Card 1/1

MNEV, Ye.N. (Leningrad)

Minor vibrations of a circular cylindrical shell immersed in a closed cavity filled with a compressible liquid. Prykl.mekh. 9 no.2:133-142 '63. (MIRA 16:3)

(Elastic plates and shells—Vibration)

NAMEV, YE. K. (Leningrad)

"Unsteady elastic waves in a semi-infinite circular cylindrical shell in contact with an acoustic medium".

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 Jan - 5 Feb 64.

MNFV, Ya.V.

[illegible]

[illegible] Yaroslavskaya, Moskovskoy dorogi.

MEDVEDEV, S.A.; MNEYAN, M.G.

Anisotropy induced by a field in nickel ferrite with small addition of cobalt. Izv. AN Arm. SSR. Ser. tekh. nauk 18 no.1:[illegible] '65. (MIRA 18:[illegible])

[illegible]YAN, [illegible]

[illegible]
[illegible]temperature. [illegible] Arm. [illegible] Ser. [illegible] [illegible]

1. [illegible] institut.

MHEZA.., M.G.

Thermomag[illegible] treatment of n[illegible] ferrites. Izv. AN Arm. SSR. Ser. tekh. nauk 12 no. 2:51-64 '5[illegible]. ([illegible] 1[illegible])

[illegible] Moskovskiy energeticheskiy inst[illegible]. Submitted [illegible].

POLAND / Chemical Technology. Chemical Products and H-3
Their Application. Chemical Processing of
Natural Gases and Petroleum. Motor and
Rocket Fuels. Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 2544.

Author : Mnich, J.
Inst : Not given.
Title : De-Asphaltization With Propane.

Orig Pub: Nafta, (Polska), 1956, 12, No 1, 1[illegible].

Abstract: Indices are furnished which are required for the propane used in de-asphaltization, whereby harmful effect of contamination with ethane and butane is emphasized and which must not exceed 10%. It was shown that at 5:1 volume ratio of propane to the raw material, the loss in solvent is 1%. The removal of asphalt from cylinder distillates proceeds better, and from boiler fuels, worse. -- A. Wielopolski.

Card 1/1

64

POLAND/Chemical Technology. Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.
H-23

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15761.

Author : Mnich Jozef
Inst :
Title : Comparison of Processes of Bitumen Production and the Use of Bitumens in Building and Industry.

Orig Pub: Wiadom. nafty, 1957, [illegible], No 7, 12-13.

Abstract: A comparative evaluation of stills of the horizontal and vertical types (utilized at the Polish petroleum refineries since 1956), used for the production of bitumen; the economic advantages of vertical stills are set forth. An enumeration is given of the manufactured grades of bitumen and the scope of their utilization in industry and highway construction.

Card : 1/1

Subject : USSR/Miscellaneous AID P - 3150

Card 1/1 Pub. 135 - 12/20

Author : Mnogolet, F., Lt. Col. of the Tech. Serv.

Title : The creative work of innovators

Periodical : Vest. vozd. flota, 10, 61-63, O 1955

Abstract : The author takes the example of his unit to describe the useful work of innovators and efficiency experts. He gives examples of some of their work. He mentions the ART-8V apparatus for automatic fuel system regulation. Some names are given. Photo.

Institution : None

Submitted : No date

MNOGOLET M.F.

A method for studying sulfide inclusions in steel. K. I. Basov and M. I. Mnogolet. *Liteinoe Proizvodstvo* 1955, No. 8, 20–1.—A clearer picture of these inclusions is obtained in hypoeutectoid higher-C steels by surrounding them with ferrite, for which the steel in question is soaked at 870° for one hour, cooled at 1°/min. to 750°, and water quenched.
I. D. Get

MNOGOLET, M. I.

Distr: 4E4j/4E2c

Detections of sulfide inclusions in cast steel, M. I. Mnogolet, *Obmen Tekh. Opytom Peredovykh Predpriyatii Tekhn. Inst.* 1935, No. 21, 4; *Referat. Zhur., Met.* 1936, Abstr. No. 8606.—The method of detection is based on the sepn. of ferrite at the beginning of recrystn. near the sulfide inclusion and on the fixation of the primary phase of austenite disintegration on quenching from 760°.

A. N. Pratoff

SHILOV, M.N.; SKIBO, N.S.; ROGOZHINA, N.V.; SHAPOSHNIKOV, Ya.P.; STEPANYUK, A.I.; APTEKAREV, M.A.; NEVZOROV, P.L.; TABAKO, P.I.; ALEKSEYEVSKIY, V.L.; ARTEMOV, N.N.; GRABOVSKIY, V.V.; MNOGOLET, V.Ya.

[Cultivation practices for increasing crop yields in Groznyy Province] "Agrotekhnicheskie meropriiatiia po povysheniiu urozhainosti dlia Groznenskoi oblasti." Groznyi, Groznenskoe obl.izd-vo. Pt.1. [Cultivation of field crops] Polevodstvo. 1945. 178 p. (MIRA 13:8)

1. Groznyy. Oblastnoy zemel'nyy otdel. 2. Glavnyy agronom Groznenskogo Oblastnogo zemel'nogo otdela (for Shilov). 3. Groznenskiy Oblastnoy zemel'nyy otdel (for Skibo, Rogozhina, Shaposhnikov, Stepanyuk, Aptekarev). 4. Direktor Opytnoy stantsii Groznenskoy oblasti (for Grabovskiy). 5. Inspektor Inspektury po sortoispytaniyu zernovykh i maslichnykh kul'tur i trav Ministerstva sel'skogo khozyaystva SSSR (for Mnogolet).

(Groznyy Province--Field crops)

[illegible] A., M.I.

[illegible]
amerikanskikh monopolii [illegible]
monopolies). Moskva, [illegible]

See: Monthly List of Russian Accessions, [illegible]

MNOGOLETOVA, Nadezhda Ivanovna. Prinimal uchastiye NAZAREVSKIY, V.A., MILEYKOVSKIY, A.G., doktor ekonom.nauk, otv.red.; ZIMENKOV, G.I., red.izd-va; VOLKOVA, V.V., tekhn.red.

[Industrial monopolies in the U.S.A. after the Second World War] Promyshlennye monopolii SShA posle Vtoroi Mirovoi voiny. Moskva, Izd-vo Akad.nauk SSSR, 1959. 271 p. (MIRA 13:5)
(United States--Industries)

MNOUCEK, K.; KNOBLOCH, E.

Polarographic determination of p-acetaminobenzaldehyde thiosemicarbazone (conteben). Cesk. farm. 2 no.9:306-308 Sept 1953. (CLML 25:4)

1. Of the Research Pharmaceutical and Biochemical Institute in Prague.

L 10482-66 EWT(1)/EWA(h)
ACC NR: AP6003554 SOURCE CODE: UR/0109/66/011/001/0051/0057

AUTHOR: Vikulov, I. K.; Ivanov, V. A.; Maoyan, V. L.; Tager, A. S.

ORG: none

TITLE: Superregenerative backward-wave amplifier

SOURCE: Radiotekhnika i elektronika, v. 11, no. 1, 1966, 51-57

TOPIC TAGS: superregenerative amplifier, backward wave amplifier

ABSTRACT: In reference to the D. N. Thomson theoretical work (Proc. Nat. El. Conf., 1960, 16, 753-765) and to the R. Walter et al. experimental work in the millimeter band (Proc. IEEE, 1964, 52, 6, 711), the article presents the results of an experimental investigation of an O-type BW amplifier operated at 1—4 Mc under superregenerative conditions. Plots of amplifier gain vs. various parameters (including resonance-curve shapes) are shown. The amplifier frequency spectrum and noise factor were measured. These conclusions are offered: (1) The superregenerative BW amplifier gain is much (30 db) higher than that of the regenerative amplifier; (2) The superregenerator passband can be electrically controlled by varying the frequency and voltage of modulation, while the gain can be maintained constant; (3) The noise factor of the superregenerator is roughly equal to that of the regenerative amplifier. Orig. art. has: 9 figures and 1 table. [03]

SUB CODE: 09 / SUBM DATE: 11Sep64 / ORIG REF: 001 / OTH REF: 003
ATD PRESS: 4205

Card 1/1 UDC: 621.385.633.1

MNUKHIN, G.D.

Cut coal losses in coal preparation. Ugol' Ukr. 3 no.10: 29-31 O '59. (MIRA 13:2)
(Coal preparation)

MNUKHIN, G.D.

At the Makeyevka By-Product Coking Plant. Koks i khim. no.6:59 '60. (MIRA 13:7)

(Makeyevka--Coal preparation)

[illegible], G. D.

[illegible] at the Makeyevka Coke Chemical Plant. Koks i khim. no.7: [illegible] 56. (MIR 14:9)
(Makeyevka--Coke industry--Equipment and supplies)

B/081/62/000/023/112/120
B117/B186

AUTHORS: Ismagilov, K. G., Maminov, O. V., Mnukhin, G. D.

TITLE: Investigation of the process of drying of weather balloon bags. Continuous drying of bags. Communication 4

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 704, abstract 23P591 (Tr. Kazansk. khim.-tekhnol. in-ta, no. 27, 1961, 82 - 87)

TEXT: Small and medium-sized bags for pilot and radio balloons are dried in a drying chamber. The covers inflated to a certain diameter whilst continuously rotating around their axis of symmetry, then put into containers and transported by a conveyer into the drying chamber. Uniform drying is ensured. This permits the use of a drying agent at 50 - 60°C which intensifies the drying process. The time of drying is reduced to 1/10 - 1/12 of that required by the existing method in a drying room. The efficiency of the drier is calculated, and a schematic diagram is given. Abstracter's note: Complete translation.

Card 1/1

MI KHIN, U.D.

In the Makeyevka [illegible] Koke[illegible] no. [illegible]

(Makeyevka - Coking [illegible]nts)

MNUKHIN, L.

LANDO, S., mekhanik; MNUKHIN, L., inzhener.

Experience in repairing thin-walled parts of gray cast iron by electric welding. Avt.transp. 32 no.9:25-26 S '54. (MLRA 7:11)
(Automobiles--Repairing) (Electric welding)

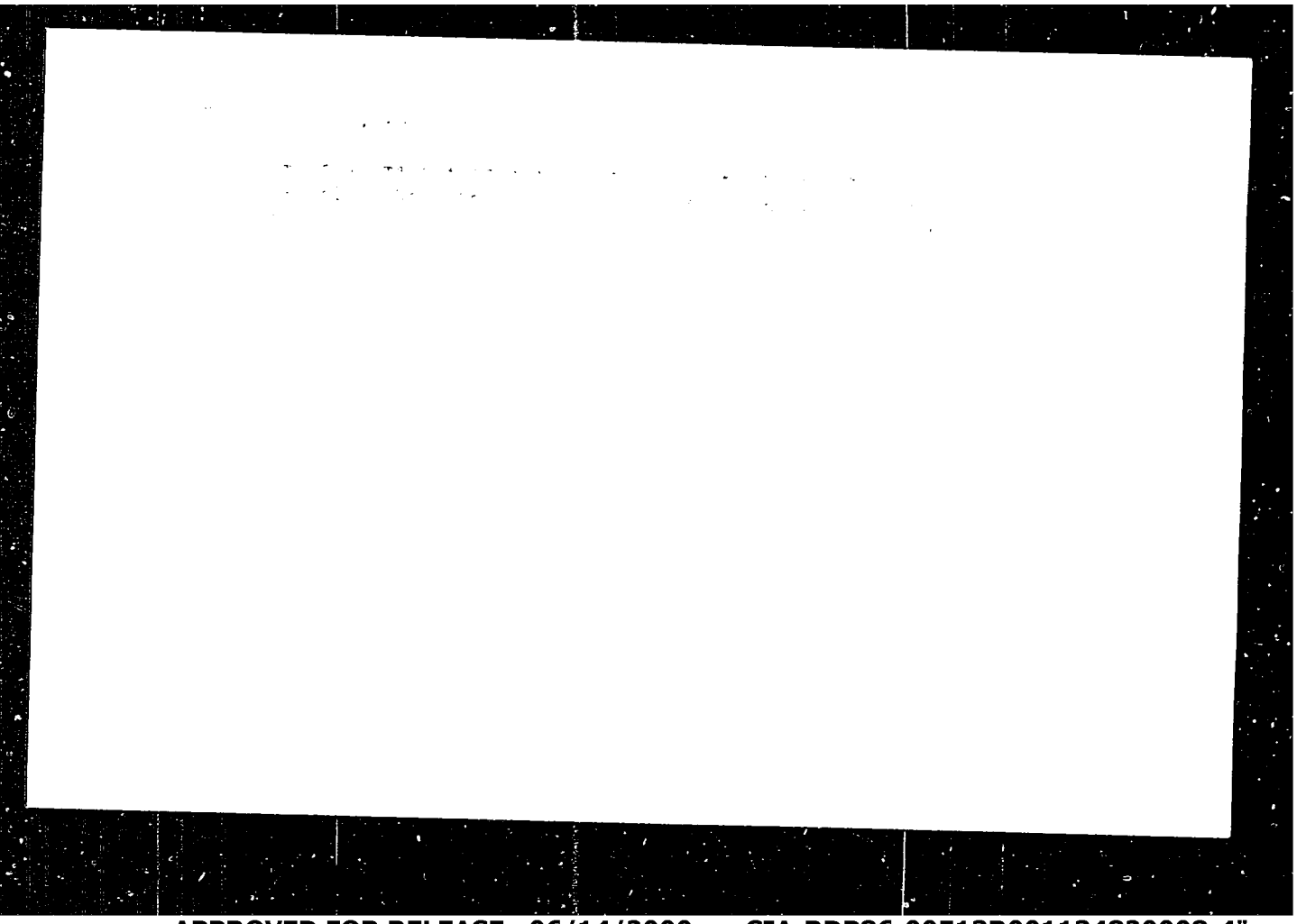
[illegible], I.S.

Technology of [illegible] with [illegible] chemicals. Nauch. trudy [illegible]

Effect of [illegible] chlorides used in the winter maintenance of [illegible] roads on various materials and [illegible]

SIMONYAN, A.A.; MINKHIN, L.S.

Using chlorides for winter maintenance of city areas. Sbor.-nauch.rab. AKKH no.3:55-66 '66. (MIRA [illegible])
(Chlorides) (Snow removal)



MNUKHIN, L.S.

Use of chlorine compounds for [illegible] maintenance of [illegible] areas. Nov. tekh. zhil.-kom. khoz. [illegible] no.[illegible] 1963.

(MIRA 18:6

ACC NR: AP6035840 (A) SOURCE CODE: UR/0413/66/000/020/0049/0050

INVENTOR: Zasov, I. A.; Zorokhovich, I. Z.; Karaban, G. L.; Mnukhin. L. S.; Soroka, V. P.

ORG: none

TITLE: Self-propelled machine for removing ice from improved road surfaces Class 19, No. 187067

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 49-50

TOPIC TAGS: ~~airfield cleaning,~~ airfield maintenance equipment, ~~machinery cleaning, highway ice removal~~, HIGHWAY ENGINEERING, ICE, SAFETY ENGINEERING

ABSTRACT: An Author Certificate has been issued for a vehicle for removing ice from improved road surfaces, consisting of a primary vehicle equipped with a chipping attachment, and of equipment for melting ice and drawing off the water. To improve the cleaning of the surface and prevent its damage, on the primary vehicle's frame is mounted a rotor-type chipping attachment with hammers. The hammers are located in spiral lines with overlapping gaps between them, and the rotor unit can be raised or lowered. The equipment for melting ice, located behind the rotor, has a cowl opening from below; in the upper part of the unit, in which the burners are located, blowing attachments are at the front wall, and at the rear wall, which is

Card 1/2 UDC: 625.768.5

ACC NR: AP6035840

made of an elastic material, is a suction attachment connected to a tank. To this tank is connected the ventilator suction pipe which supplies air to the blowing attachments. The ventilator's suction pipe can be equipped with a safety valve. Orig. art. has: 1 figure. [WH]

SUB CODE: 13,01 / SUBM DATE: 28Aug64

Card 2/2

VIKTOROV, I.S.; MNUKHIN, N.M.

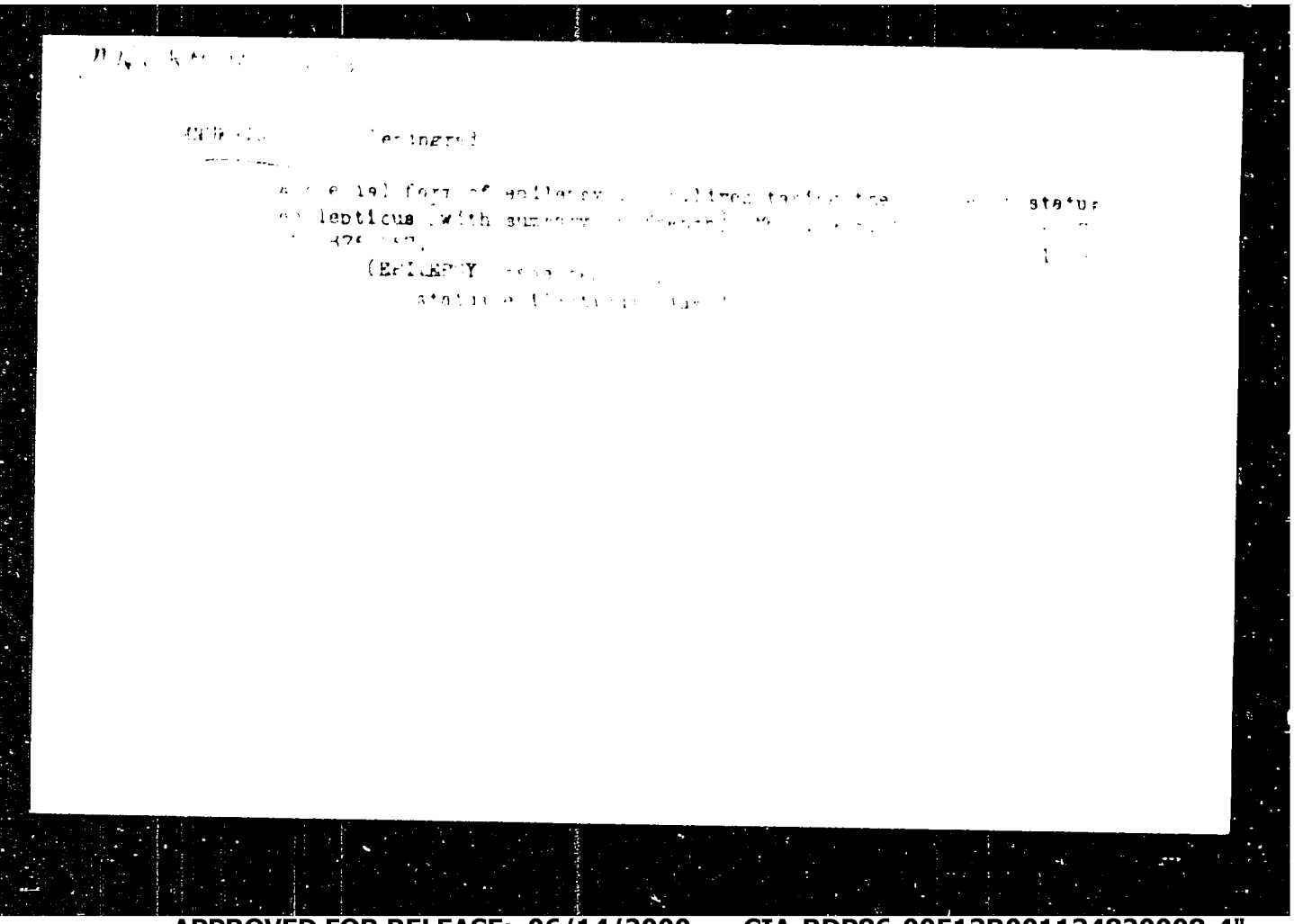
Generalization of progressive practices and the elaboration of technical standards for the tending metallurgical units. TSvet. met. 27 no.1:26-29 Ja-F '54. (MLRA 10:9)

1. Podol'skiy zavod vtorichnykh metallov (for Viktorov). 2. Gosudarstvennyy institut po proektirovaniyu predpriyatiy promyshlennosti tsvetnykh metallov (for Mnukhin).
(Nonferrous metal industries--Production standards)

MNUKHIN, S. S.

Mnukhin, S. S. "On the status and problems of psychiatric aid for children in Leningrad," Ogr.-metod. voprosy sovr. neyropsikiatrii (VII), 1948, p. 15-2?

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).



MNUKHIN, S.S. (Leningrad)

Role of premature birth in the origin of neuropsichic disorders in children. Vop. okh.mat. i det. 3 no.1:36-41 Ja-F '58. (MIRA 11:2)
(INFANTS (PREMATURE))
(NERVOUS SYSTEM--DISEASES)

MARKOVA, Ye.N., otv. red.; AVERBUKH, Ye.S., red.; BLINOV, N.I., red.; BOLDAREV, N.I., red.; BORZUNOVA, A.S., red.; ZHELEVICH, G.V., red.; [illegible], S.S., red.; MYASISHCHEV, V.N., red.; PERVOMAYSKIY, B.Ya., red.; POV[illegible]KIY, Yu.A., red.; POLIKARPOV, S.N., red.; [illegible], N.I., red.; FEDOTOV, D.D., red.; CHISTOVICH, A.S., red.; ZACHEPITSKIY, R.A., red.

[Problems of psychiatry; anniversary collection of articles dedicated to the 60th birthday of Professor Izmail Fedorovich Sluchevskii] Problemy psikhiatrii; iubileinyi sbornik, posviashchennyi 60-letiiu so dnia rozhdeniia professora Izmaila Fedorovicha Sluchevskogo. Leningrad, Meditsina, 1964. 43[illegible] p. (MIRA 17:12)

MNUKHIN, S.S.

Status and problems of Soviet child psychiatry. Vop. psikh i nevr. no.3:330-339 '58. (MIRA 12:3)

1. Iz Psikhiatricheskoy kliniki Leningradskogo gosudarstvennogo pediatricheskogo meditsinskogo instituta i III Leningradskoy psikhonevrologicheskoy bol'nitsy.
(CHILD PSYCHIATRY)

MNUKHIN, S.S. (Leningrad)

Clinico-physiological classification of epilepsy in children. Zhur. nerv.i psikh. 59 no.7:821-827 '59. (MIRA 12:11)
(EPILEPSY, in inf. & child,
classif. (Rus))

BARYKINA, A.I.; MNUKHIN, S.S.

On Blitzkrämpfe and nodding spasms in children. Zhur.nevr.i psikh. 60 no.7:841-845 '60. (MIRA 14:1)

1. Kafedra psikhiatrii (zav. - prof. S.S.Mnukhin) Leningradskogo gosudarstvennogo padiatricheskogo meditsinskogo instituta.
(BRAIN--DISEASES) (EPILEPSY)

MNUKHIN, S.S. (Leningrad)

Role of age factors in epileptic pictures and epileptiform manifestations in children. Report No.1: Severe convulsive paroxysms in children. Zhur.nevr.i psikh. 60 no.7:846-851 '60. (MIRA 14:1)

(EPILEPSY)

MNUKHIN, S.; OZERETSKOVSKIY, D.

"Clinical lectures on child psychiatry" by G.E.Sukhareva. Reviewed by S.Mnukhin and D.Ozeretskovskii. Zhur. nevr. i psikh. 61 no.11: 1744-1746 '61. (MIRA [illegible])
(CHILD PSYCHIATRY) (SUKHAREVA, G.E.)

MNUKHIN, [illegible]

[illegible] Zhur.nevr.i psikh. [illegible]
(MIRA [illegible])

MNUKHIN, S.S. (Leningrad); [illegible] (Leningrad)

Significance of the somatic [illegible] in the pathogenesis of psychogenic reactions in children. Trudy Gos. nauch.-issl. psikhonevr. inst. 2[illegible]:2[illegible]7-233 '63. [illegible]

MNUKHIN, S.S. (Leningrad)

Association of schizoid and epileptic symptoms in children. Zhur. nevr. i psikh. 63 no.7:1047-1051 '63.

MIRA 17:7

MNUKHINA, G.M., kand.med.nauk

On the problem of pretumor conditions of the larynx. Vest.otorin. 21 no.5:55-60 S-O '59. (MIRA 12:11)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. L.N. Popov) Orenburgskogo meditsinskogo instituta.

(LARYNX, pathology)

MNUKHINA, G. M., kand. med. nauk

Precancerous character of papillomas of the larynx. Vest. otorin. no.3:53-57 '62. (MIRA 15:6)

1. Iz kafedry patologicheskoy anatomii Orenburgskogo meditsinskogo instituta (nauchnyy konsul'tant - prof. L. N. Popov)

LARYNX--CANCER)

Bu.abs. MNUKHINA, R.S

9111-9 Nervous System

Role of cerebellum in process of spinal reflex co-ordination. R. S. Mnukhina. *U. Physiol., USSR*, 1951, 37, 52—58).—Spinal reflexes in the hind-limb were elicited in decerebrated cats with simultaneous electrical stimulation of the cerebellum. Cerebellar stimulation leads to disturbances in the normal reciprocal reflex activity of flexors and extensors, the exact nature of the effect depending on the physiological condition of the animal at the time. Some changes in spinal reflex activity were obtained on cerebellar stimulation even after section of the spinal cord, suggesting a possible humoral cerebellar influence. D. H. Sayrs.

Physiol. Lab, Natural Sc. Inst im PF Lesgaft

MNUKHINA, R.S.

Mechanism of correlation between the cerebellum and the cortex of the large hemisphere according to Vvedenskii-Ukhtomskii's theory. Fiziol. zh. SSSR 38 no.3:288-296 May-June 1952. (CIML 23:2)

1. Laboratory of the Physiology of Analysors of the Physiological Institute imeni A. A. Ukhtomskiy, Leningrad State University imeni A. A. Zhdanov.

USSR/Human and Animal Physiology - Nervous System. R-12

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71120

Author : Mnukhina, R.S.
Title : Electroencephalographic (EEG) Characteristics of Successive Conditioned Reflexes in Man.

Orig Pub : Collec.; Vopr. teorii i proktiki elektroencef. L. LGU, 1956, 197-202

Abstract : In three subjects tested with conditioned (tone of 400 g-cycles, in the course of 5 sec.) and irritants unconditioned (a stream of water on the eye cornea) EEG recordings were taken. The second irritant was applied 5-30 sec. after the end of action of the first. The period of depression of the alpha-rhythm, which arose during the action of the conditioned irritant according to the degree of development of the lagging conditioned reflex, is gradually displaced the moment of the action of the unconditioned irritant.

Card 1/1 - 87 -

MNUKHINA, R.S.

Electroencephalographic analysis of internal inhibition [with summary in English]. Zhur.vys.nerv.deiat. 7 no.4:608-618 Jl-Ag '57. (MIRA 10:12)

1. Laboratoriya fiziologii nervnoy sistemy Fiziologicheskogo instituta im. A.A.Ukhtomskogo Leningradskogo gosudarstvennogo universiteta im. Zhdanova.

(CEREBRAL CORTEX, physiology,
internal inhib., EEG (Rus))
(ELECTROENCEPHALOGRAPHY,
in cerebral cortex internal inhib. (Rus))

MNUKHINA, R.S.

Mechanism of the closing of a temporary connection. Nerv. sist. no. 2:146-154 '60. (MIRA 14:4)
(REFLEXES) (ELECTROENCEPHALOGRAPHY)

MNUKHINA, R.S.

Analysis of the connection between stimulation and excitation in the cerebral cortex in the light of N.E. Vvedenskii's theory. Zhur. vys. nerv. deiat. 10 no. 1:12-19 Ja-F '60. (MIRA 14:2)

1. Ukhtomsky Physiological Institute, Leningrad University.
(CEREBRAL CORTEX) (CONDITIONED RESPONSE)

MNUKHINA, R.S.

Method for multiple recording of bioelectric currents of the cerebral cortex in chronic experiments with dogs and rabbits. Fiziol. zhur. 46 no.12:1511-1514 D '60. (MIRA 14:1)

1. Fiziologicheskiy institut im. akad. A.A.Ukhtomskogo Gosudarstvennogo universiteta, Leningrad.
(ELECTROENCEPHALOGRAPHY)

MNUKHNIA, R.S.

Electroencepahlographic analysis of the mechanism of closing of a temporary connection. Zhur. vys. nerv. deiat. 11 no.2:346-353 Mr-Ap '61. (MIRA 14:6)

1. Ukhtomsky Physiology Institute, Leningrad University.
(CONDITIONED RESPONSE) (ELECTROENCEPHALOGRAPHY)

MNUKHINA, R.S.

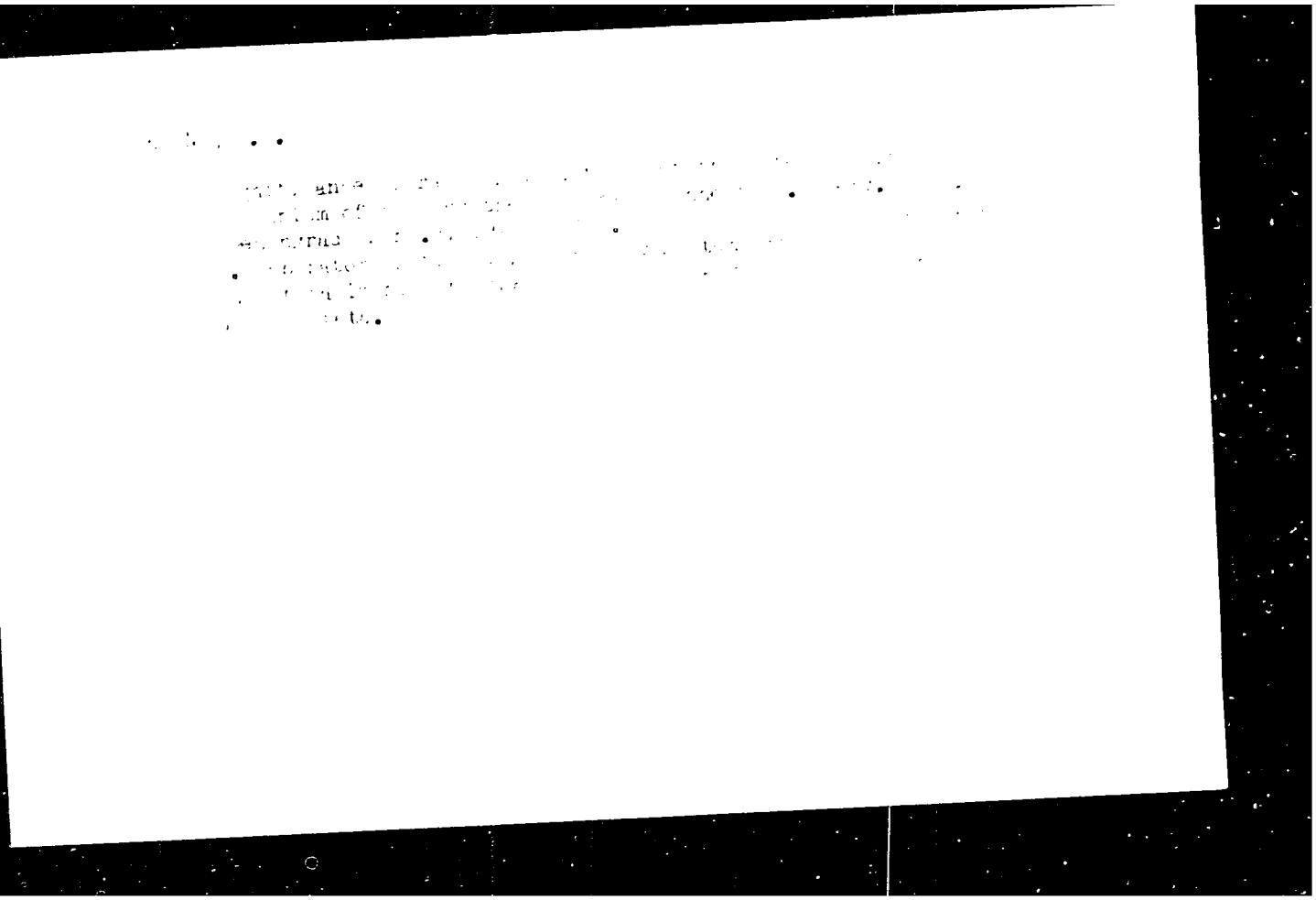
Present state of studies on the parabiosis and the dominant and their significance in analyzing higher nervous activity. (MIRA 15:5)
Vest. LGU 17 no.9:99-112 '62.
(NERVOUS SYSTEM)

MNUKHINA, R.S.

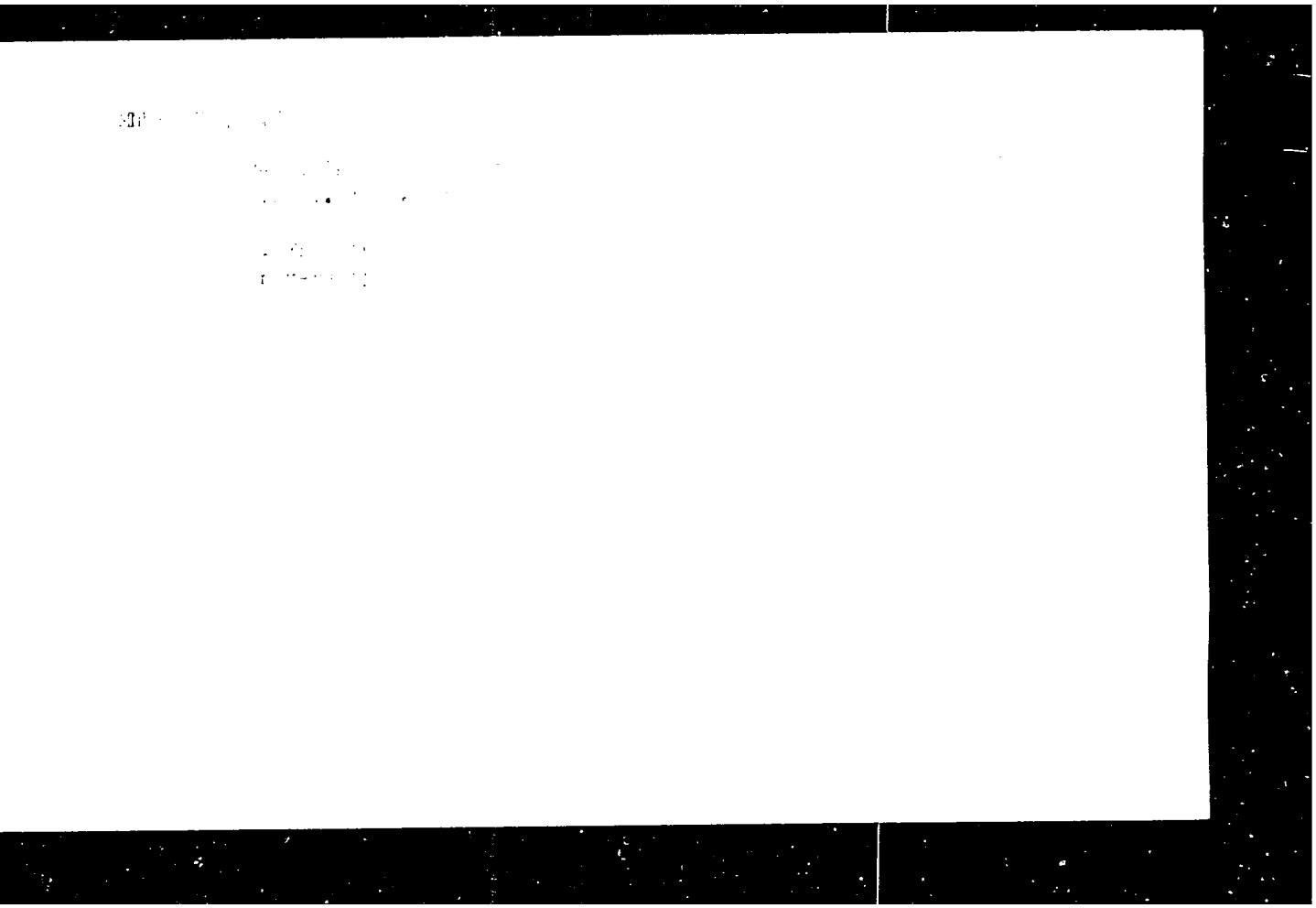
Dynamics of the electrical reactions of the cortex in the process of individual development. Fiziol. zhur. 48 no.2:170-178 F '62. (MIRA 15:2)

1. From the A.A.Ukhtomski Physiological Institute, Leningrad University, Leningrad.

(AGING) (CEREBRAL CORTEX)
(ELECTROPHYSIOLOGY)



APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134820008-4"



APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134820008-4"

MNUKHINA, Raisa Semenovna; KAIVEYEVA, V.V., red.

[Electroencephalographic studies on conditional reflex reactions and their analysis in the light of L.E.Vvedenskii's theory] Elektroentsefalograficheskie issledovaniia uslovnoreflektornykh reaktsii i ikh analiz v svete teorii L.E.Vvedenskogo. Leningrad, Izd-vo Leningr. un-ta, 1964. 156 p.

ACC NR: AM6005022 Monograph UR/

Mnukhina, Raisa Semenova

Electroencephalographic studies of conditioned reflex reactions and their analysis in the light of N. Ye. Vvedenskiy's theory (Elektroentsefalograficheskiye issledovaniya uslovnoreflektornykh reaktsiy i ikh analiz v svete teorii N. Ye. Vvedenskogo) [Leningrad] Izd-vo Leningr. univ.1964. 156 p. illus., biblio. (At head of title: Lenigradskiy ordena Lenina gosudarstvennyy universitet im. A. A. Zhdanova. Fiziologicheskiy institut im. akad. A. A. Ukhtomskogo) Errata slip inserted. 1,800 copies printed.

TOPIC TAGS: conditioned reflex, reflex activity, electroencephalography

PURPOSE AND COVERAGE: This book contains the results of the author's studies over a period of years on the changes of biological currents in the brain during conditioned-reflex activity. Use of the newest equipment and methods allowed a detailed investigation of the interrelation of stimulatory and inhibitory processes at the cortical level to be made. The first experimentally valid application of N. Ye. Vvedenskiy's concept of lability in the analysis of factors and principles, as obtained in the I. P. Pavlov Laboratory, is described. A number of

UDC: NONE

Card 1/ 3

ACC NR: AM6005022

contradictory and previously unanalyzed factors may be explained using Vvedenskiy's position. The book is intended for specialists in human and animal physiology.

TABLE OF CONTENTS:

Card 2/3

ACC NR: AM6005022

SUB CODE: 06/ SUBM DATE: 23Jun64/ ORIG REF: 205/ OTH REF: 053

Card 3/3

USSR/Medicine - Physiology FD-2705

Card 1/1 Pub. 33-14/28

Author : Mnukhina, Ye. S.

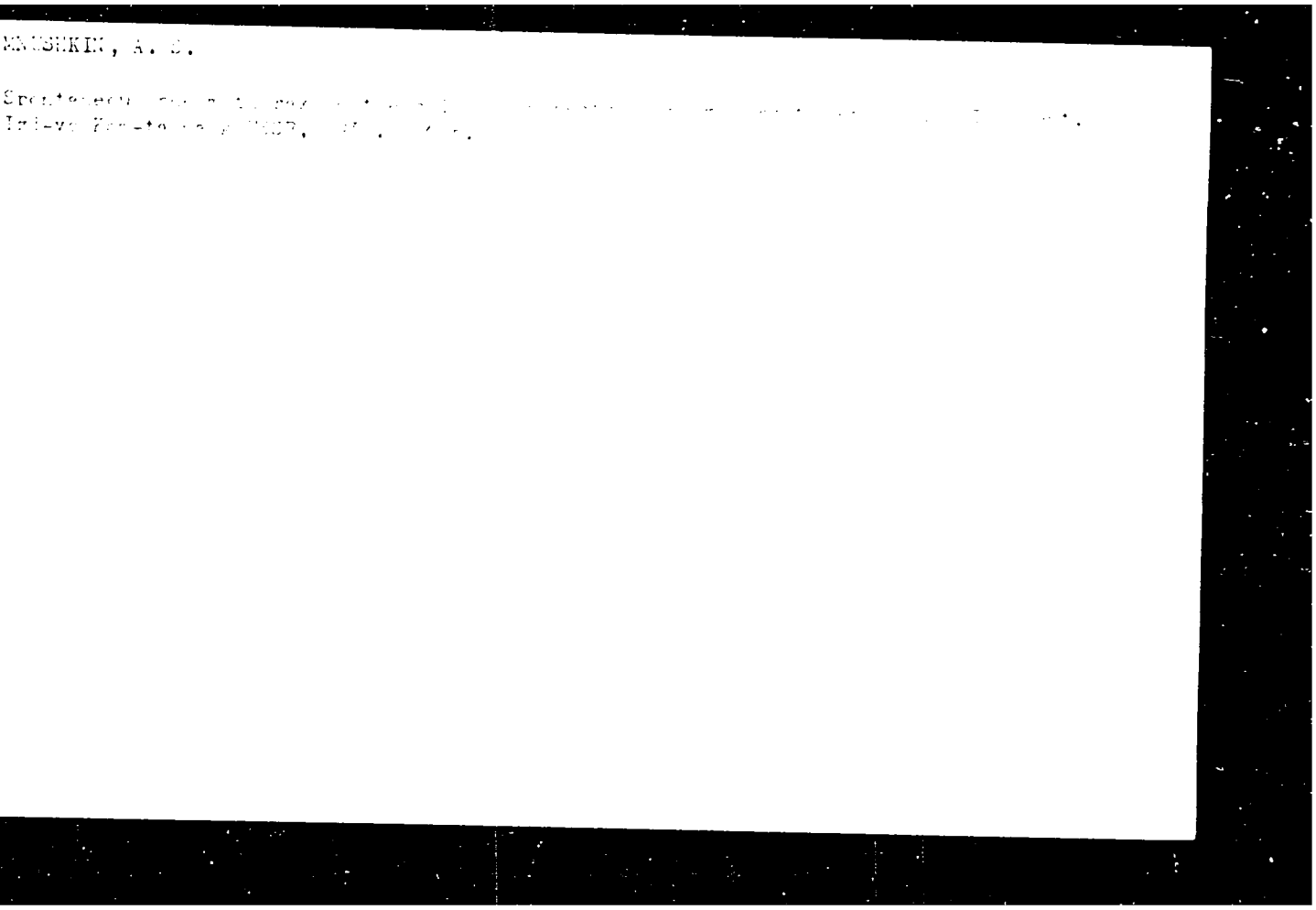
Title : On the utilization of phosphatides and cholesterol during muscular exertion

Periodical : Fiziol. zhur. 41, 89-94, Jan-Feb 1955

Abstract : Investigated the consumption of phosphatides and cholesterol during muscular exertion. Determined the changes in the blood phospholipid level of athletes in the course of athletic contests, and the effect of muscular activity on the concentration of phosphatides and cholesterol in the blood, muscles, liver, and brain of animals. Tables. Ten references, 7 of them USSR (4 since 1940)

Institution : Department of Metabolism of the Leningrad Scientific-Research Institute of Physical Culture

Submitted : May 20, 1952



MANSHKIN, A. S.

MNUSHKIN, A.S.; BORSHCHEVSKAYA, L.M.

Clinical significance of electrocardiography in acute and chronic hepatitis. Klin. med., Moskva 29 no.12:81. Dec 51. (CLML 21:4)

1. Prof. Mnushkin and Docent Borshchevskaya. 2. Of the Therapeutic Clinic, Tashkent Institute for the Advanced Training of Physicians.

MNUSHKIN, A. S.

"The Functional Condition of the Liver and Kidney in Malaria," Sbornik Nauchnykh Trudov Tashkentskogo Instituta Usovershenstvovaniya Vrachey, Tashkent, Vol. 1, 1952, pp. 25-32.

KNUSHKIN, A.S., prof.; POLYAK, Ye.I., kand.med.nauk (Tashkent)

Some features of the etiology and clinical picture of liver cirrhosis.
Klin.med. 37 no.10:84-89 O '59. (MIRA 13:2)

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Title : Laws governing the distribution of discontinuous tectonics in some rocks

Periodical : Vest. AN Kaz. SSR 12, 71-74, Dec 1954

Abstract : The laws governing the tectonics of rocks excavated in Mangyshlak Kara-Tau region of Kaz-SSR are explained. The physico-chemical properties of the rocks are tabulated. Table; diagrams.

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