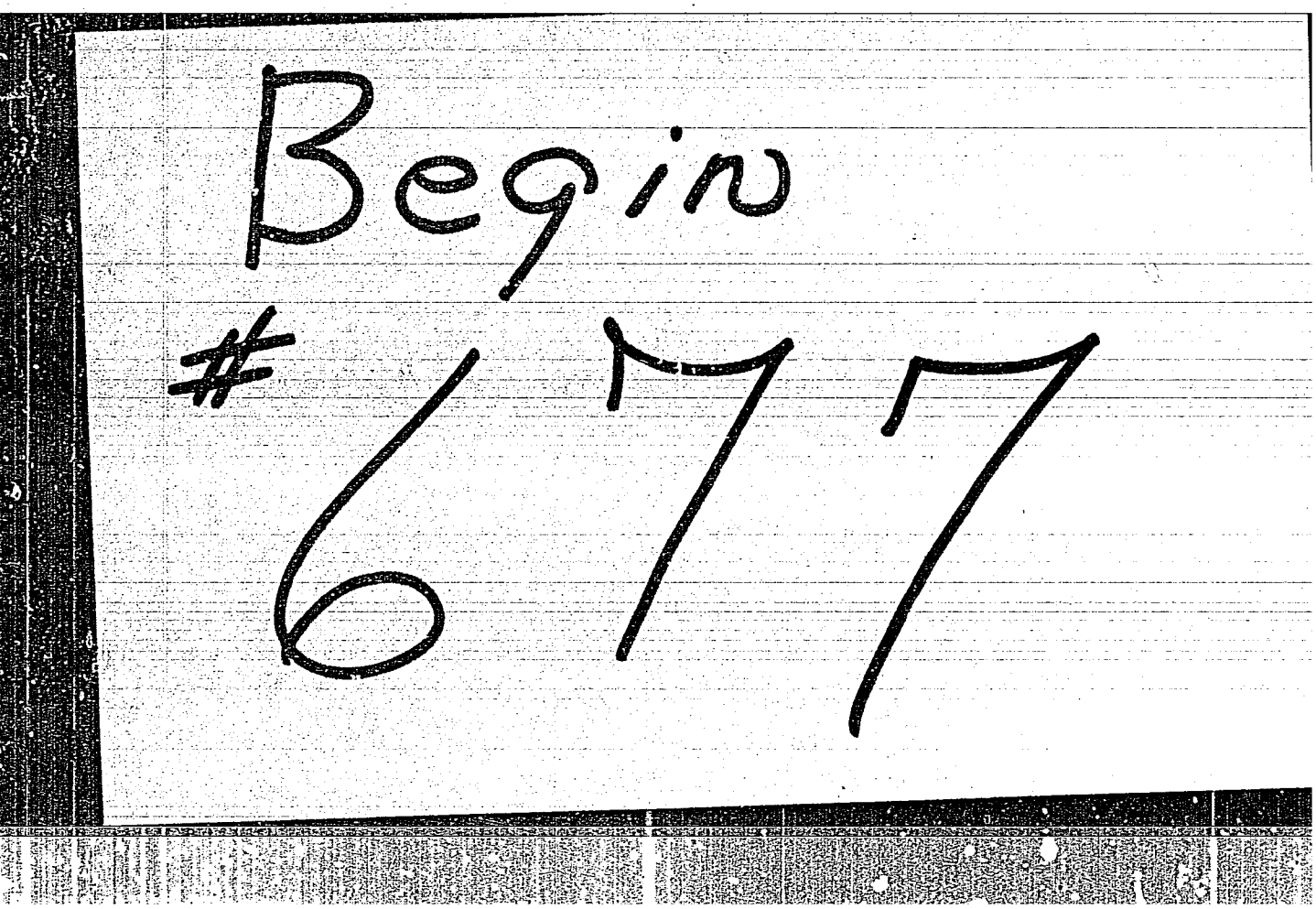
"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8



APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATAYKIN, L.M.

Recent data on fossil flora from travertines of Chistopol'.
Bot.zhur. 44 no.9:1287-1291 S '59. (MIRA 13:2)

1. Kazanskiy gosudarstvennyy universitet im. V.I.Ul'yanova-Lenina.
(Chistopol' District--Paleobotany)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATAYKIN, L. (Kazan')

Work of the Kazan Branch of the All-Union Botanical Society in 1960. (MIRA 14:6)
Bot.zhur. 46 no.6:920 Je '61.
(Kazan—Botanical societies)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

BARANOV, V.I.; YATAYKIN, L.M.

Recent find of upper Oligocene flora in western Kazakhstan.
Dokl. AN SSSR 136 no. 3:678-679 Ja '61. (MIRA 14:2)

1. Kazanskiy gosudarstvennyy universitet imeni V.I. Ul'yanova-Lenina. Predstavleno akademikom V.F. Sukachevym.
(Kustanay Province—Paleobotany, Stratigraphic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATAYKIN, L.M.

Kinel' flora and vegetation in the lower Kama region. Dokl. AN SSSR 136 no.4:911-914 F '61. (MIRA 14:1)

1. Kazanskiy gosudarstvennyy universitet imeni V.I. Ul'yanova-Lenina. Predstavleno akademikom V.N. Sukachevym.
(Kama Valley—Paleobotany, Stratigraphic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATAYKIN, L.M.

Flora and vegetation of the Akchagyl stage in the region of the Lower Kama. Nauch. dokl. vys. shkoly; biol. nauki no.1:135-139 '62. (MIRA 15:3)

1. Rekomendovana kafedroy sistomatiki rasteniy Kazanskogo gosudarstvennogo universiteta im. V.I. Ul'yanova-Lenina.
(KAMA VALLEY---PALEOBOTANY)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

BARANOV, V.I.; YATAYKIN, L.M.

Development of flora and vegetation during the Kinel' time in the lower Kama Valley. Probl. bot. 6:18-26 '62. (MIRA 16:5)
(Kama Valley—Paleobotany, Stratigraphic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATAYKIN, L.M.

Use of correlation analysis in determination (specification) of the age of horizons containing spore-pollen floras. Nauch. dokl. vys. shkoly; biol. nauki no.4:118-120 '64. (MIRA 17:12)

1. Rekomendovana kafedroy sistematiki rasteniy Kazanskogo gosudarstvennogo universiteta im. V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATAYKINA, I.N.

Comparative characteristics of normal and callous plants as exemplified by Beta vulgaris. Fiziol.rast. 12 no.4:736-739 Jl-Ag '65. (MIRA 18:12)

1. Kafedra botaniki, agronomii i kormoproizvodstva Kazanskogo veterinarnogo instituta. Submitted June 16, 1964.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

PANKRATOV, V. (g.Kotlas); YATCHENKO, F. (g.Kotlas)

Creation of protective forest belts on the Pechora railroad. Zhel.dor.transp. 36 no.5:71-73 My '55. (MIRA 12:5)

1. Glavnyy inzhener Pechorskoy dorogi (for Pankratov). 2. Nachal'nik otdela zashchitnykh lesonasazhdeniy Pechorskoy zheleznoy dorogi (for Yatchenko).
(Russia, Northern--Railroads--Snow protection and removal)
(Russia, Northern--Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, F.I.

Establishing shelterbelts in the tundra region along the Pechora Railway. Rast.Krain.Sev.SSSR i ee osv. no.1:93 '56. (MLRA 10:2)

1. Otdel zashchitnykh lesonasazhdeniy Pechorskoy zheleznoy dorogi.
(Railroads--Snow protection and removal)
(Russia, Northern--Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, L.D.

Stratigraphy of the Lower Cretaceous deposits of the Lesser Balkhan. Izv.AN Turk.SSR.Ser.fiz.-tekh.,khim.i geol.nauk. no.3:82-88 '62. (MIRA 16:5)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.
(Lesser Balkhan Range—Geology, Stratigraphic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, L.D.

Age of the Turonian strata in the region of Sindzhou mountain (west Kopet-Dag). Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.1: 120-122 '62. (MIRA 16:12)

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, L.D.

Upper boundary of the distribution of the representatives of the genus Lepthoplites. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.3:126-127 '64 (MIRA 18:1)

Turonian and Lower Coniacian sediments of the Eisheraskoy anticline. Ibid.:127-2[illegible]

1. TSentral'naya kompleksnaya tematicheskaya ekspeditsiya Upravl[illegible]i i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

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L 10255-67 EWT(1) GW

ACC NR: AP7003072 SOURCE CODE: UR/0202/66/000/003/0124/0128

AUTHOR: Yatchenko, L. D.

ORG: Turkmen Geological-Geophysical Expedition UG SM TurkmSSR (Turkmenskaya geolog-geofizicheskaya ekspeditsiya UG SM TurkmSSR)

TITLE: Structure of the Maykop series in the western Kopet-Dag

SOURCE: AN TurkmSSR. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk, no. 3, 1966, 124-128

TOPIC TAGS: geology, physical geology

ABSTRACT: A description of the composite cross section along the profile Kyzyl-Cheshme-Ezzet-Beurma is given. The Maykop series, the main subject of this paper, is divided into two subseries -- Upper and Lower Maykop. The age of the Lower Maykop, at the base of which teh Solenovskiy horizon is situated, has been assigned to the Middle Oligocene. The Upper Maykop, lying with unconformity on the Lower Maykop and Torymbeurskaya series, has been assigned to the Upper Oligocene. The unconformity of the Upper Maykop on different horizons of the Paleogene in the western Kopet-Dag is evidence that the folded structures were formed in the pre-Upper Maykop period. A sharp increase of the thickness of the Maykop series (by a factor of four) in a short distance (4-5 km) between the Bolshoy and Malyy Ilanly ranges can be related to subsidence of the Uzekdagskiy block, bounded on the east by the Ezzet-Karagezskiy deep fault.

Orig. art. has: 1 figure. [JPRS: 37,710]

SUB CODE: 08 / SUBM DATE: 25Jul65 / ORIG REF: 005

UDC: 551.7

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, M.G.

SILKINA, Ye.Z.; MISYURA, K.R.; KHYNO, N.K.; TYNYANKINA, Ye.V.; SIRIDOVA, A.G.; ZUDINA, A.A.; MISYURENKO, A.T.; YATCHENKO, M.G., red.;

[Economy of the Khabarovsk Territory; a statistical manual] Narodnoe khoziaistvo Khabarovskogo kraia; statisticheskii sbornik. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1957. 127 p. (MIRA 11:3)

1. Khabarovskiy kray. Statisticheskoye upravleniye. 2. Statisticheskoye upravleniye Khabarovskogo kraya (for all, except Yachenko). 3. Nachal'nik Statisticheskogo upravleniya Khabarovskogo kraya (for Yatchenko)
(Khabarovsk Territory--Statistics)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

KOTEL'NIKOV, M.M.; ZUDINA, A.A.; MISYURENKO, A.T.; YATCHENKO, M.G., red.; MARKOVA, S.M., red.

[Area under cultivation and the number of cattle in Khabarovsk Territory; a statistical manual] Posevnye ploshchadi i pogolov'e skota v Khabarovskom krae; statisticheskii sbornik. Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1958. 167 p. (MIRA 12:12)

1. Khabarovskiy kray. Statisticheskoye upravleniye. 2. Nachal'nik Statisticheskogo upravleniya Khabarovskogo kraya (for Yatchenko). (Khabarovsk Territory--Agriculture--Statistics)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATKO, Mikola [Iatko Mykola , author's real name: Yatchenko, Nikolay Mikhaylovich], PROTSENKO, E., red.; MUKHIN, Yu., tekhn. red.

[Queen of labor] Koroleva truda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p. (MIRA 14:8)

(Corn (Maize))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, S.V.;

YATCHENKO, S.V.; GAVRILOV, F.P., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Lathe work] Tokarnoe delo. 6 izd., perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 535 p. (MLRA 7:9)
(Turning)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, Semen Vasil'yevich, kandidat tekhnicheskikh nauk, dotsent; SMIRNOV, A.G., redaktor; PEVZNER, V.I., tekhnicheskiy redaktor

[Lathe work] Tokarnoe delo. Izd. 7-oe, ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 532 p. (MLRA 9:9)
(Turning)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, Semen Vasil'yevich.

[Turning] Tokarnoe delo. 8. izd. ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1958. 532 p. (KIRA 11:10)

(Turning)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, Semen Vasil'yevich; SHKOL'NIKOV, A.B., red.; ZUBRILINA, Z.P., tekhn.red.

[Machining on lathes] Tokarnoe delo. Izd.9., perer., dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 493 p. (MIRA 13:6)
(Turning)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATCHENKO, S.V., kand. tekhn. nauk; ZAYTSEV, A.I., inzh.; YAKOVLEV, F.I., inzh.; VAKHTEL', V.Yu., inzh.

Surface hardening of AlLOV alloy by burnishing. Mashinostroenie no.3:38-40 My-Je '65. (MIRA 18:6)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', P.D.

V.G.DROBOT'KO, P.Ye. MARUSENKO, B.Ye. AIZENMAN, N.G.KOLESNIK, D.G.KUYAY, P.D.YATEL'

"A New Disease of Horses and Men" by V.G.Drobot'ko, P.Ye. Marusenko, B.E. Aizenman, N.G. Kolesnik, D.G. Kubyay, P.D. YATEL', V.D.Mel'nichenko.
RUSSIAN, per, Vrachebnoe Delo, No.3-4,1946,pp.125-128.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T. P.

Yatel', T. P.

"Aspects of Certain Immunity Reactions in Ontogenesis." Acad Med Sci USSR. Kiev, 1955. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

KORNYUSHENKO, N.P.; YATEL', T.P.

Study on the biological and antigenic properties of certain strains of the influenza virus isolated in Kiev in 1949-1953. Mikrobiol. zhur. 17 no.2:29-36 '55 (MLRA 10:5)

1. Z Institutu infektsiynikh zakhvoryuvan' Akademii medichnikh nauk URSR.

(INFLUENZA VIRUS
biol. & antigenic properties of strains isolated in Kiev)(Uk)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

55. Properties of Influenza Virus Strains Isolated in Kiev

"Characteristics of Influenza Virus Strains Isolated in Kiev in 1953 and 1954," by T. P. Yatel', Institute of Infectious Diseases, Academy of Medical Sciences USSR, Voprosy Virusologii, Vol 2, No 1, Jan/Feb 57, pp 47-52

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

The article describes studies of the antigenic and biological properties of 48 strains of influenza virus isolated between August 1953 and January 1955 in Kiev.

The strains were isolated largely by means of infecting 11-day chick embryos with nasopharyngeal smears. Hemagglutination activity, infectivity for chick embryos, and pathogenicity for white mice were determined. Type identification of the strains was accomplished by means of cross hemagglutination inhibition reactions with standard and local strains and corresponding immune rabbit serum. Type identification and antigenic characteristics are presented in Table 1 and Figure 1. Table 2 shows biological properties. The dynamics of anti-influenza antibodies in influenza patients examined in 1953 and 1954 are shown in Figure 2. Table 3 lists biological properties of strains of influenza virus isolated from patients with differing disease courses. The results of these investigations are analyzed in the text.

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It was concluded on the basis of these results that two types of virus, A and A^1, were isolated both during interepidemic periods of 1953 and 1954 and during the epidemic outbreak in November and December 1953. Thirty strains of type A and 15 of type A^1 were isolated. The type classification of the remaining three strains was not precisely established. The strains isolated were not identical to the laboratory strains in antigenic structure. Certain differences were noted even among strains belonging to the same type. On the basis of the fact that strains isolated from patients with sporadic cases of influenza in the summer of 1953 were identical to strains responsible for the outbreak in November and December 1953, it was supposed that interepidemic strains participated in the genesis of the 1953 winter outbreak. When studies of the biological and antigenic properties of strains belonging to the same type but isolated from patients with different courses of disease (severe to light) and apparently healthy virus carriers were compared, it was impossible to establish any appreciable differences in their properties. (U)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T. P.

VASHCHENKO, M.A.; YATEL', T.P.; LITOVCHENKO, S.V.

Disorders of the nervous system in influenza C. Vrach.delo no.4: 373-376 Ap '57. (MLRA 10:7)

1. Vtoroye klinicheskoye otdeleniye (zav. - prof. M.I.Moroskin), epidemiologicheskiy otdel (zav. - kand.med.nauk M.P.Korolyushenko) Instituta infektsionnykh bolezney AMN SSSR i kafedra nervnykh bolezney (zav. - deystv. chlen AMN SSSR, prof. B.N.Man'kovskiy) Kiyevskogo meditsinskogo instituta.
(NERVOUS SYSTEM--DISEASES) (INFLUENZA)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T.P.

MAKSIMOVICH, N.A.; KORNYUSHENKO, N.P.; BOTSMAN, N.Ye.; YATEL', T.P.

Virusological and morphological peculiarities of acute pneumonia in small children. Pediatriia no.9:34-40 S '57. (MIRA 10:12)

1. Iz Instituta infektsionnykh bolezney AMN SSSR (Kiyev)
(PNEUMONIA)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL, T.P

KORNYUSHENKO, M.P.; RYBINSKAYA, L.N.; YATEL', T.P. (Kiyev)

Influenza C in adults and children. Vrach.delo no.11:1207-1209 N '57. (MIRA 11:2)

1. Institut infektsionnykh bolezney AMN SSSR
(INFLUENZA)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

USSR/Virology. Human and Animal Viruses. Grippe Virus E

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14629

Author : Kornyushenko N.P. Rybinskaya L.N., Yatel', T.P.
Inst : -
Title : An Epidemic of Influenza Type C.

Orig Pub : V sb. Gripp., N., Mediz, 1958, 44-51.

Abstract : No abstract

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APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

USSR/Virology. Human and Animal Viruses. Grippe Virus E

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14625

Author : Yatel, T.P.
Inst : -
Title : A Comparative Characteristic of the Strains of Influenza Virus During Epidemic and Inter-Epidemic Periods.

Orig Pub : V sb.: Gripp, N., Midgiz, 1958, 80-90

Abstract : No abstract

Card : 1/1

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

E

USSR/Human and Animal Viruses. Grippe Virus

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14605

Author : Yatel', T.P.
Inst :
Title : The Study of a Few Strains of Grippe Virus Adapted to the Organism of White Mice.

Orig Pub : V sb.: Gripp., M., Medgiz, 1958, 90-95

Abstract : The usual form of adaptation was observed following intranasal injection of allantoic cultures of the type A (recently isolated as well as laboratory strains). Immediately following the first passages lung lesions resulted in the animals, leading to their death. A particular form of the adaptation process took place following infection of the mice with recently isolated strains of the virus Type A. Having produced a severe, frequently

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- 6 -

[illegible] strains

[illegible] summary.

CIA-RDP86-00513R001962310

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

Yatel, T. P.

KORNYUSHENKO, N.P., YATEL', T.P.

Virological and epidemiological studies on obliterated forms in influenza. Zhur.mikrobiol.epid. i immun. 29 no.6:49-53 Je '58 (MIRA 11:7)

1. Iz Instituta infektsionnykh bolezney AMN SSSR.

(INFLUENZA,
remission, virol. & epidemiol. aspects (Rus))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

KORNYUSHENKO, N.P.; YATEL', T.P.; RYBINSKAYA, L.N.

Etiological and epidemiological characteristics type C influenza in Kiev in 1956. Vop. virus. 4 no.1:43-46 Ja-F '59. (MIRA 12:4)

1. Institut infektsionnykh bolezney AMN SSSR, Kiyev.
(INFLUENZA, epidemiol.
C, in Russia (Rus))

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T.P.

Life and activities of M.G.Ushinskii; on the 25th anniversary of his death. Mikrobiol.zhur. 21 no.2:68-70 '59.
(MIRA 12:9)

(BIOGRAPHIES)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

KORNYUSHENKO, N.P.; YATEL', T.P.

Joint scientific conference of institutes on the influenza problem, held in Kiev. Mikrobiol.zhur. 21 no.4:69-70 '59. (MIRA 12:11)

(INFLUENCA RESEARCH--CONGRESSES)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

VASHCHENKO, M.A.; LITOVCHENKO, S.V.; YATEL', T.P.

Neurological syndromes in influenza during the 1959 epidemic. Vrach. delo no.8:55-59 Ag '60. (MIRA 13:9)

1. Institut infektsionnykh bolezney AMN SSSR i klinika nervnykh bolezney (zav. kafedroy - deystvitel'nyy chlen AMN SSSR, prof. B.N. Man'kovskiy) Kiyevskogo meditsinskogo instituta.
(INFLUENZA) (NERVOUS SYSTEM—DISEASES)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T.P.

Study of type A_2 influenza virus strains isolated in Kiev during the interepidemic period of 1960-1961. Mikrobiol. zhur. 25 no.3:10-17 '63. (MIRA 17:1)

1. Institut infektsionnykh bolezney Ministerstva zdravookhraneniya UkrSSR, Kiyev.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T.P., kand.med.nauk (Kiyev)

Virological and serological characteristics of influenza in 1962. Vrach. delo no.3:103-107 Mr '64. (MIRA 17:4)

1. Institut infektsionnykh bolezney Ministerstva zdravookhraneniya UkrSSR.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T.P. (Kiyev)

Nature of the antigen structure and biological properties of the type A2 influenza virus in the process of natural evolution (1957-1959). Sbor.nauch.trud. Inst.infek.bol. no.4:36-41 '64. (MIRA 18:6)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATEL', T.P.

Materials on the study of type B influenza in Kiev in 1963.
Mikrobiol. zhur. 27 no.1:16-22 '65. (MIRA 18:7)

1. Institut infektsionnykh bolezney Ministerstva zdravookhraneniya UkrSSR.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

BERZIN, A.K.; YAKOVLEV, B.M.; YATIS, A.A.

Use of nuclear photoemulsions in studying the neutron background of a 25 Mev. betatron. Izv. TPI 122:21-26 '62.

Use of type IA-2 nuclear photoemulsions in studying the spectrum of betatron neutrons. Ibid.:27-29 (MIRA 17:9)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YAKOVLEV, B.M.; YATIS, A.A.

Background in nuclear emulsions formed under the action of radioactive impurites and cosmic rays. Izv. vys. ucheb. zav.; fiz. no. 3:88-91 '64. (MIRA 17:9)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki i avtomatiki pri Tomskom politekhnicheskom institute imeni Kirova.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YAKOVLEV, B.M.; YATIS, A.A.

Studying the background and energy spectrum of neutrons from a betatron with the aid of nuclear emulsions. Izv. vys. ucheb. zav.; fiz. no.4:3-9 '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki i avtomatiki pri Tomskom politekhnicheskom institute imeni S.M. Kirova.

(Betatron) (Neutrons) (Photography, Particle track)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YAKOVLEV, B.M.; YATIS, A.A.

Use of a slide rule in determining the energy of neutrons from the paths of recoil protons in a nuclear photoemulsion. Izv.vys.ucheb. zav.; fiz. no.3:127-130 '63. (MIRA 16:12)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki i avtomatiki pri Tomskom politekhnicheskom institute imeni Kirova.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

SOKOLOV, L. S.; YATIS, A. A.

"Differential Cross Sections for Scattering of Deuterons with Energy 13.6 MeV on Li, B, C, Ca, Mn, F in the Angular Interval 145-179 degrees."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

ACCESSION NR: AP4041850 S/0139/64/000/003/0088/0091

AUTHORS: Yakovlev, B. M.; Yatis, A. A.

TITLE: On the size of the background in nuclear emulsions, produced under the influence of radioactive impurities and cosmic rays

SOURCE: IVUZ. Fizika, no. 3, 1964, 88-91

TOPIC TAGS: nuclear emulsion, particle trajectory, photographic processing, radioactive material, cosmic ray

ABSTRACT: In view of the importance of the background when nuclear emulsions are used with weak radioactive sources or with nuclear reactions of small cross sections or of low energies, the authors estimated the background in Soviet nuclear emulsions type NIKFI Ya-2, T-3, T-1, and A-2, with emulsion thickness 100 and 200 microns. Emulsions of various ages were tested. Particle tracks and stars with from two to five prongs were studied and processed. To prevent

Card 1/3

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ACCESSION NR: AP4041850

regression of the tracks and stars in the emulsions, the latter were stored at 0°C. All emulsions were processed under identical conditions. The sources of the tracks and stars were shown to be impurities in the gelatin and cosmic rays. If a glass substrate was used, additional sources might have been radioactive impurities in the glass. Data were obtained on the distribution of the number of tracks as functions of the length, and on the variation of the number of events with the "lifetime" of the emulsion. Comparison with Ilford emulsions indicates that the contamination of the glass substrates is about the same in Ilford and in Soviet emulsions. Methods of reducing the background are discussed. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki i avtomatiki pri Tomskom politekhnicheskom institute imeni S. M. Kirova (Scientific-Research Institute of Nuclear Physics, Electronics, and Automation at the Tomsk Polytechnic Institute)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

ACCESSION NR: AP4041850

SUBMITTED: 23May63 ENCL: 00

SUB CODE: NP NR REF SOV: 002 OTHER: 001

Card 3/3

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

ACCESSION NR: AR4022438 S/0058/64/000/001/A037/A037

SOURCE: RZh. Fizika, Abs. 1A333

AUTHORS: Berzin, A. K.; Yakovlev, B. M.; Yatis, A. Q.

TITLE: Investigation of the neutron background of a 25-MeV betatron with the aid of nuclear emulsions

CITED SOURCE: Izv. Tomskogo politekhn. in-ta, v. 122, 1962, 21-26

TOPIC TAGS: betatron, betatron neutron background, nuclear emulsion technique, optimal Gamma ray dose, Gamma ray intensity, neutron flux, Gamma bremsstrahlung

TRANSLATION: Results are presented of measurements of the neutron background in the betatron laboratory of the Tomsk Polytechnic Institute with the aid of nuclear emulsions. Knowledge of the neutron background is essential in the study of photonuclear reactions, and

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

ACCESSION NR: AR4022438

also when betatrons are used in medicine and biology. The measurement procedure is described in detail. Photographic plates with emulsions 100 and 200 microns thick were used. The optimal gamma-ray dose was 4--6 roentgens. To avoid errors due to the paper cover of the plates, the latter were irradiated without paper in a dark room. The constancy of the intensity of the gamma radiation was monitored with the aid of two ionization chambers. The neutron flux was measured at 12 points. Its maximum value was 6.38×10^4 neutron/cm^2 per roentgen of gamma bremsstrahlung. V. Voronin.

DATE ACQ: 03Mar64 SUB CODE: PH ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATKO, N. [IAtko, Mykola] (Odessa)

The goal of his life. Nauka i zhyttia 9 no.9:29-31 S '59.
(MIRA 13:1)

(Kyrychenko, Fedir Hryhorovych)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATKOVETS, P.F.; LIVSHITS, Yu.N.

Osteomyelitis of the thoracic portion of the spine complicated by posterior mediastinitis with an esophageal fistula. Vest.khir. 77 no.3:108-109 Mr '56. (MLRA 9:7)

1. Iz Petrozavodskogo okruznogo gospitalya.

(SPINE, dis.
osteomyelitis, thoracic, with exophageal fistula & mediastinitis)
(OSTEOMYELITIS
spine, thoracic, with mediastinitis & esophageal fistula)
(FISTULA
esophagomediastinal in mediastinitis & osteomyelitis of spine)
(ESOPHAGUS, fistula
same)
(MEDIASTINUM, fistula
same)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

BLANK, Yu.S.; YATLINKO, I.I.

Some results of a study on the luminescence of polarized ZnS-Cu, Cl films. Fiz. tver tela 5 no.9:2688-2690 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

AUTHOR: Yatmanov, A.; Yevteyev, P.; Rubtsov, V. SOV-107-58-4-21/57

TITLE: When Will There Be Radio Parts? (Kogda zhe budut radiodetali?)

PERIODICAL: Radio, 1958, Nr 4, pp 14-15 (USSR)

ABSTRACT: The article contains correspondence from radio amateurs in various parts of the Soviet Union, complaining of the lack of radio components or materials for making these components. There are 2 drawings.

1. Radio equipment--Availability 2. Radio equipment--Maintenance
3. Radio operators--Amateurs

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

PIVOVAROV, N.V.; RABINOVICH, S.G.; TAKCHENKO, A.N.; USMANOV, V.B.; YATMANOV, B.A.

Photocompensating stabilizers. Izm. tekh. no.3:44-46 Mr '65. (MIRA 18:5)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATMANOVA, K.Sh.

Heat-insulating and wall materials based on building gypsum and portland cement. Trudy Inst. antiseism. stroi. AN Turk. SSR 3:231-234 '58. (MIRA 13:10)
(Insulation (Heat)) (Gypsum) (Walls)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, S. N.

"Technological Basis of Oil and Gas Well Drilling in the Complex Deposit Areas of the Saratov Volga Region." Cand Tech Sci, Inst of Petroleum, Acad Sci USSR, Moxcow, 1955. (KL, No 15, 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: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, S. N.

AID P - 2090

Subject : USSR/Mining

Card 1/1 Pub. 78 - 3/24

Author : Yatrov, S. N.

Title : Three-cutter bits with lower fluid courses

Periodical: Neft. khoz., v.33, no.4, 9-15, Ap 1955

Abstract : Bits with lower fluid courses are discussed. Their greater efficiency as compared with other designs of fluid courses is emphasized on the basis of the data presented. Diagrams, tables.

Institution: None

Submitted : No date

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, Sergey Nikolayevich; PERSHINA, Ye.G., vedushchiy redaktor; TROFIMOV, A.V., tekhnicheskiy redaktor

[Boring with drilling muds] Burenie na vodnykh rastvorakh. Moskva, Gos.nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1957. 53 p. (MLRA 10:6)
(Boring)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, S.N.

SHMAREV, A.T., inzh.; YATROV, S.N., inzh.; GALUSTOV, S.G., inzh.

Use of hydraulic rupture of layers in the underground gasification of solid fuels. Mekh.trud.rab. 11 no.9:22-24 S '57. (MIRA 10:11)
(Gasification of coal)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, S.N.; SMIRNOV, A.S.; GOL'DSHTEYN, I.Ye.; GLUSHCHENKO, Ye.I.

Change in the quality of clay muds in drilling sulfate- and salt-bearing sediments. Neft.khoz. 37 no.12:7-12 D '59.
(MIRA 13:5)

(Oil well drilling fluids)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, Sergey Nikolayevich. Prinimala uchastiye: CHERNYAVSKAYA, L.F., kand.tekhn.nauk. SERB-SERBINA, N.N., kand.khim.nauk, retsenzent; GEYMAN, M.A., red.; DUBROVINA, N.D., vedushchiy red.; TROFIMOV, A.V., tekhn.red.

[Drilling fluids] Promyvochnye zhidkosti v burenii skvazhin. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 312 p. (MIRA 13:12)

1. Institut fizicheskoy khimii AN SSSR (for Serb-Serbina).
(Drilling fluids)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

REBINDER, P.A., akademik; SERB-SERBINA, N.N., kand.khim.nauk; YATROV, S.N., kand.tekhn.nauk, dotsent

M.N. Shkabara's [doktor geol.-mineral.nauk] book "Drilling and grouting fluids in drilling mine shafts" and A.A. Linevskii's review of it. Shakht. stroi. 4 no. 5:30-31 My '60. (MIRA 14:4)
(Shaft sinking) (Drilling fluids)
(Shkabara, M.N.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, Sergey Nikolayevich; GOL'DSHTEYN, Izrail Yefremovich; GLUSHCHENKO, Yekaterina Ivanovna; LATUKHINA, Ye.I., vedushchiy red.; POLOSINA, A.S., tekhn. red.

[Natural drilling fluids for drilling gas wells under complex conditions] Estestvennye promyvochnye zhidkosti dlia bureniia gazovykh skvazhin v oslozhnennykh usloviiakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 41 p. (MIRA 14:7)
(Shebelinka region--Drilling fluids)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, Sergey Nikolayevich; DUBROVINA, N.D., vedushchiy red.; BABALYAN, G.A., prof., doktor tekhn.nauk, red.; VORONOVA, V.V., tekhn. red.

[Natural drilling muds in boring; muds with a base of drilled rocks] Estestvennye promyvochnye rastvory v burenii; rastvory na osnove vyburennykh porod. Moskva, Gostoptekhizdat, 1963. 205 p. (MIRA 16:6)

(Drilling fluids)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATROV, S.N.; REZNICHENKO. I.N.; DZHANGIROV, S.S.

Controlling the solid-phase content in drilling muds using an ejector-hydrocyclonic device. Burenie no.2:5-8 '64. (MIRA 18:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhniko-ekonomicheskikh issledovaniy po neftyanoy, neftekhimicheskoy i gazovoy promyshlennosti i GRK "Krasnodarneft'".

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

BUKINA, V.K.; PROKOP'YEVA, M.F.; YATRUDAKIS, S.E.

Quantitative determination of nitrosyl chloride, chlorine, and hydrogen chloride in gas mixtures. Uzb. khim. zhur. no.6:45-49 '60. (MIRA 14:1)

1. Institut khimii AN UzSSR.
(Nitrosyl chloride) (Chlorine—Analysis)
(Hydrochloric acid)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATRUDAKIS, S.M.; ZHDANOV, A.K.

Hydrogen peroxide in analytical chemistry. Part 1: Amperometric titration of chromium on an apparatus with a rotating platinum electrode. Uzb.khim.zhur. 8 no.5:23-30 '64.

(MIRA 18:5)

1. Institut khimii AN UzSSR i Tashkentskiy gosudarstvennyy universitet imeni Lenina.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

ZHDANOV, A.K.; YATRUDAKIS, S.M.

Use of hydrogen peroxide in analytical chemistry. Part 2: Amperometric titration of manganese with hydrogen peroxide. Uzb. khim. zhur. 9 no.5:18-24 '65. (MIRA 18:12)

1. Institut khimii AN UzSSR i Tashkentskiy gosudarstvennyy universitet imeni Lenina. Submitted Sept. 29, 1964.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSELENKO, V.S.

Concerning the article "Developing water-oil contact pools".
Neft. i gaz. prom. no.4:40-41 O-D '64 (MIRA 18:2)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

Several data on the terrace structure in the Vitim and the Upper Angara River systems. Uch. zap. MGPI 120:173-185 '58. (MIRA 16:8)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A. A. Cand. Geograph. Sci.

Dissertation: "Experiment for Morphological Analysis of the Eastern and North-Eastern Parts of the Area Near Baykal Lake." Moscow Order of Lenin State U. imeni M. V. Lomonosov, 2 Jul 47.

SO: Vechernyaya Moskva, Jul, 1947. (Project #17836)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A. A.

Ancient Valleys of the Northeastern Probaykal'ye

There exist numerous references to the ancient valleys in the Probaykal'ye and Zabaykal'ye, but the insufficiency of the data does not permit one to compile them and to make conclusions relative to the age of the valleys. The finding of Tertiary and possibly Mesozoic deposits in the valleys testifies to their considerable ancientness. The disjunctive dislocations and traces of Quaternary deposits make difficult an analysis of the development of the hydrographic network. According to observations of the author, relicts of ancient river networks are preserved in the northeast Pribaykal'ye; they have been noted in the southwestern part of the Severo-Muysk Range, in the water sheds of the Svetla and Namama rivers, and right tributaries of the Barguzin river. (RZhGeol, No. 4, 1955) Uch. zap. Mosk. gor. ped. in-ta, 21, 1953, 108-124.

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

Observations on terraces of certain rivers in the Baikal mountain region. Izv.AN SSSR.Ser.geog. no.6:101-107 N-D '56. (MLRA 10:1)

1. Geograficheskiy fakul'tet Moskovskogo gosudarstvennogo pedagogicheskogo instituta imeni V.I. Lenina.
(Baikal region--Physical geography)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

VASIL'YEVA, I.V., dots.; DAVYDOVA, M.I., dots.; KAMENSKIY, A.I., dots.; KOTEL'NIKOV, V.L., dots.; TUSHINSKIY, G.K., prof.; YATSENKO, A.A., dots.; KREYS, I.G., tekhn.red.; SHCHEPTEVA, T.A., tekhn.red.

[Programs of pedagogical institutes; physical geography of the U.S.S.R.] Programmy pedagogicheskikh institutov; fizicheskaia geografiia SSSR. [Moskva] Uchpedgiz, 1957. 22 p. (MIRA 11:3)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedenii.
(Physical geography--Study and teaching)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

On the problem of the synchronization and establishment of the terrace age in the river system of the Baikal Highland. Uch. zap. MGPI 120:187-193 '58. (MIRA 16:8)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

Organizing a specialized seminar on the physical geography of the U.S.S.R. in the third and fourth years of the Geographical Faculty of the Moscow State Podagogical Institute. Uch. zap. MGPI no.159:53-62 '60.

Physical geography of the U.S.S.R. in a textbook for the seventh grade. 77-83 (MIRA 16:9)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A. (Moskva)

Role of geomorphological and pollen analyses in paleogeographical reconstructions. Bot. zhur. 46 no.10:1465-1470 O '61. (MIRA 14:9)

(Paleobotany, Stratigraphic)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

Main features of the relief structure of the Chukchi Peninsula.
Izv. AN SSSR. Ser. geog. no.4:79-85 Jl-Ag '63. (MIRA 16:8)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut im. V.I.Lenina.
(Chukchi Peninsula--Landforms)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

PELETMINSKIY, S.V.; YATSENKO, A.A.

Structure and motion of singularities in nonlinear electrodynamics. Zhur. eksp. i teor. fiz. 45 no.5:1625-1633 N '63. (MIRA 17:1)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

Morphological structure of the Chukchi Peninsula. Dokl. AN SSSR 151 no.5:1150-1152 Ag '63. (MIRA 16:9)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut im. Lenina. Predstavleno akademikom A.A.Grigor'yevym.
(Chukchi Peninsula—Physical geography)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A.A.

On the history of the relief development of the Chukchi Peninsula. Vest. Mosk. un. Ser. 5: Geog. 19 no.1:73-74 Ja-F '64. (MIRA 17:4)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8"

"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A. A.

The most important stages in the relief development of the Chukçhi Peninsula. Izv. Vses. geog. ob-va 96 no. 2:109-114 Mr-Ap '64. (MIRA 17:5)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

ACCESSION NR: AP4040927 S/0185/64/009/006/0581/0592

AUTHOR: Yatsenko, A. A., Peletmins'ky*y, S. V. (Peletminskiy, S. V.)

TITLE: The classical theory of singularities in nonlinear field theory

SOURCE: Ukrayins'ky*y fizy*chny*y zhurnal, v. 9, no. 6, 1964, 581-592

TOPIC TAGS: Nonlinear electrodynamics, nonlinear field theory, classical singularity, electrodynamic field singularity, "four-trajectory," classical charge radius, singularity motion, radiation damping

ABSTRACT: The structures and motion of zero-mass singularities in a scalar field were studied according to nonlinear electrodynamic field theory. It was assumed that the radius of curvature of the "four-trajectory" is large compared to the "classical radius" of the singularity. On the basis of the electrodynamic principles of Lorentz, the equations of motion of the singularities were obtained, including the forces of radiation damping. The question of self-excitation of the charge with uniform motion was treated. Orig. art. has 32 numbered equations.

ASSOCIATION: Fiziko-tekhnichny*y insty*tut AN UkrSSR, Kharkov (Physico-Technical Institute AN UkrSSR)

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

TISHCHENKO, A.A.; YATSENKO, A.A.

A group of communist labor. Veterinariia 41 no.2:8-10 F '65.
(MIRA 18:3)

1. Ispolnyayushchiy obyazannosti direktora Cherkasskoy oblastnoy veterinarnoy lavoratorii (for Tishchenko). 2. Predsedatel' mestnogo komiteta soveta professional'nykh soyuzov Cherkasskoy oblasti (for Yatsenko).

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

YATSENKO, A. P.

Dissertation: "Abnormal Dispersal of Centimeter Waves, in $BaTiO_3$ Ceramic," Cand Phys-Math Sci, Rostov-na-Donu State U, Rostov-na-Donu, 1953. Referativnyy Zhurnal--Khimiya, Moscow, No 8, Apr 54.

SO: SUM 284, 26 Nov 1954

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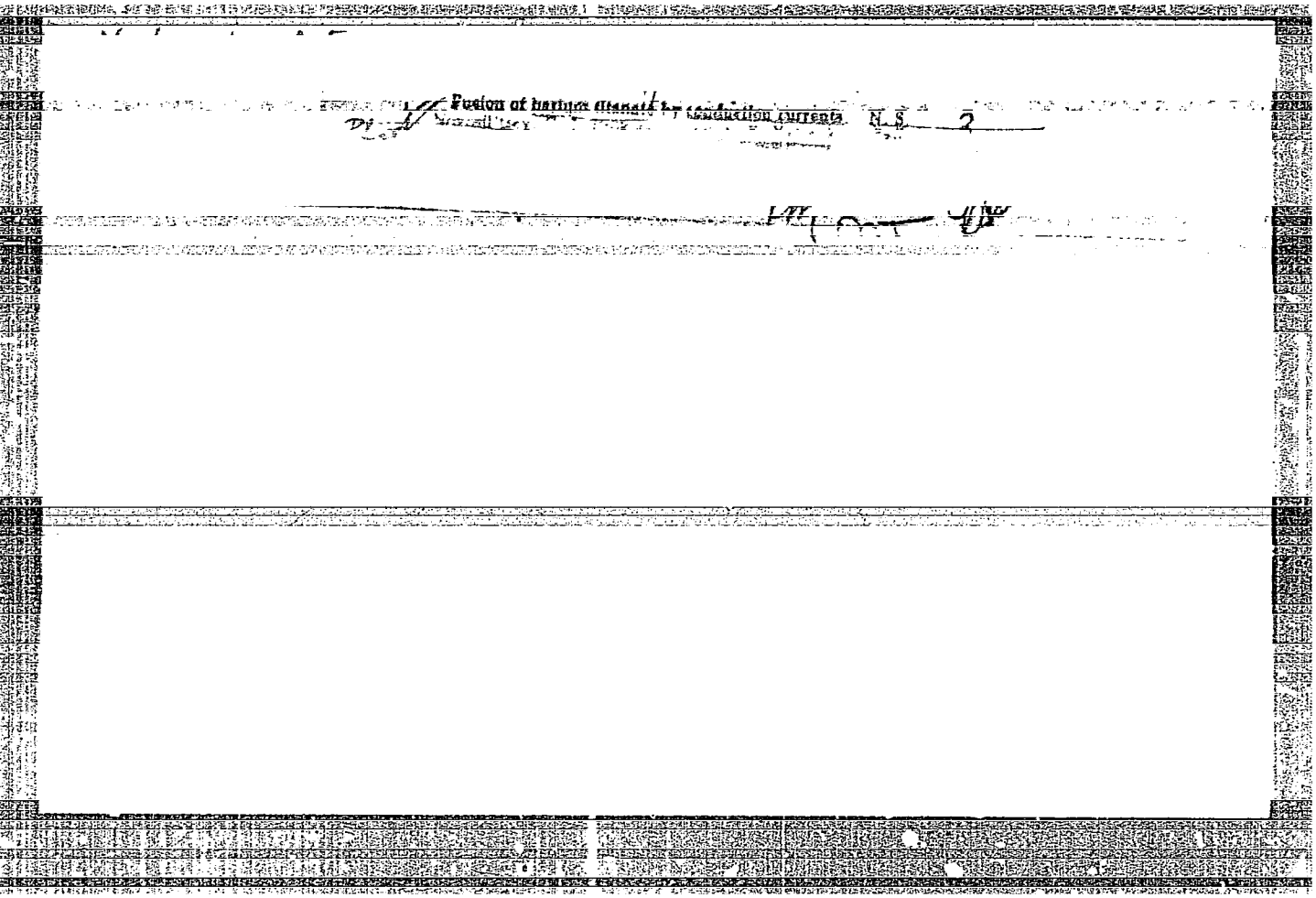

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Fusion of barium titanate by conduction currents. N. S. Novosil'tsev, O. T. Prokunilo, and A. P. Yatsenko (V. M. Molotov State Univ., Rostov). *Izvest. Akad. Nauk S.S.S.R., Ser. Fiz.* 20, 200–10(1956).—$BaTiO_3$ ceramic materials (I) sintered at 1300–1400°, have low d. unless fused with fluxes which decrease the dielec. permeability. The elec. cond. of such I has an activation energy of 1.4 e.v., but they show changes in cond. if heated to 500°. At 800–900° some heating by the current occurs. The current increases with time above 900°. Tests were made to melt $BaTiO_3$ by cond. current. Higher-d. (5.6–5.8 g./cc.) ceramic materials, having a 50% increase in the dielec. permeability at the Curie point, was obtained. S. Paksver

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YATSENKO, A. F.

57-10-32/33

AUTHOR: Yatsenko, A. F.

TITLE: The Optical Transmission Spectrum of Barium Titanate (Opticheskiy spektr propuskaniya titanata bariya). (Letter to the Editor)

PERIODICAL: Zhurnal Tekhn. Fiz., 1957, Vol. 27, Nr 10, pp. 2422-2424 (USSR).

ABSTRACT: In order to define the range of the optical use of $BaTiO_3$ investigations of the transmission of the monocrystal as well as of a powder sample of the seignett-electric (tetragonal) barium titanate within the range of the wave lengths of from 0,2 to 25 μ were carried out. The author shows that the wide absorption band which covers almost the whole ultraviolet spectrum range depends on the transition of the electrons from the filled zone to the conduction zone (activation energy $\approx$3,0 eV). The crystal lets pass well up to 6 μ in the visible and the near infrared zone. A complete absorption of waves with more than 11 μ and a weak absorption of the waves around 8,0 μ was observed. The powder sample disperses a radiation of less than 5 μ and shows an absorption band at 15 $\div$ 18 μ. Also measurements of the transmission of the $SrTiO_3$ - and the non-seignett-electric (cubic) $BaTiO_3$ - powders were carried out. Within the range of measuring

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The Optical Transmission Spectrum of Barium Titanate. 57-10-32/33

exactness these spectra coincide with that of the tetragonal barium titanate, with the only difference that the band for $SrTiO_3$ is a little displaced into the direction of the shortwave part. There are 1 illustration and 1 Slavic reference.

ASSOCIATION: Rostov State University (Rostovskiy gosudarstvennyy universitet).

SUBMITTED: February 11, 1957.

AVAILABLE: Library of Congress.

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"APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001962310001-8

24(2),24(7),24(3)

AUTHOR: Yatsenko, A. F.

SOV/48-22-12-11/33

TITLE: Infrared Absorption Spectra of Piezoelectric Crystals of the Perovskite Type (Infrakrasnyye spektry pogloshcheniya segnetoelektricheskikh kristallov tipa perovskit)

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1958, Vol 22, Nr 12, pp 1456-1458 (USSR)

ABSTRACT: IKS-6 spectrometers (from 0.7 to 25 μ) and DFS-4 spectrometers (from 0.3 to 0.7 μ) were used for the present investigation of absorption spectra. The latter spectrometer was also used to investigate the Raman spectrum. Powdery samples were prepared according to the method described in reference 1. Figure 1 shows the absorption spectra of $BaTiO_3$ and those of the non-piezoelectric fine-disperse $BaTiO_3$. Also infrared absorption spectra of other titanates ($CaTiO_3$, $SrTiO_3$, $PbTiO_3$), zirconates ($SrZrO_3$, $BaZrO_3$, $PbZrO_3$), stannates ($SrSnO_3$, $BaSnO_3$) and WO_3 were investigated. The respective data are summarized in the table. Power constants of the potential function of

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valence- and deformation oscillations in the approximation of a harmonic oscillator (Table) were calculated for the majority of the substances investigated. The power constants of $BaTiO_3$ and of solid solutions having a Curie point in the proximity of room temperature contain an unimportant imaginary part. By a comparison of the frequencies of fundamental oscillations and their first harmonics, the mechanic anharmonic coefficients can be calculated. Attempts were made to obtain the Raman spectrum in $BaTiO_3$ as it was supposed to determine the frequency of valence oscillations. The results, however, were negative, thus pointing to an unimportant asymmetry of Ti-O-bonds in $BaTiO_3$. There are 3 figures, 1 table, and 5 references, 1 of which is Soviet.

ASSOCIATION: Rostovskiy-na-Donu gos. universitet
(Rostov-na-Donu State University)

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YATSENKO, A. F.

82051

S/058/60/000/03/11/030

24.7800

Translation from: Referativnyy zhurnal, Fizika, 1960, No. 3, p. 205, # 6393

AUTHOR: Yatsenko, A. F.

TITLE: The Anomalous Dispersion of Centimeter Waves in $BaTiO_3$ Ceramics

PERIODICAL: Uch. zap. Fiz.-matem. fak. Rostovsk.-n/D un-t, 1959, Vol. 46, No. 7, pp. 87-92

TEXT: The dependence was studied of the complex dielectric constant (ε' and ε'') of $BaTiO_3$ ceramics on the wavelength within the range of λ = 4-25 cm. The method of measuring line loaded in an "infinite way" was used. In front of the sample to be measured one or two matching dielectrical transformers were placed into the waveguide. The thickness of the transformers was not exactly $\lambda/4$. The complex refractive index of the sample for these cases was calculated. The measurement at a given frequency was checked by measurements of the input complex impedance at adjacent frequencies. It was shown that in the range of wavelengths mentioned ε' varies in dependence on λ from 300 to 800 (ε = 1,050), and $\varepsilon'' \sim 150$. The relaxation frequency of $BaTiO_3$ is $(2.5 + 0.4)\cdot 10^9$ c. It was established that the dispersion formula $\varepsilon^* = \varepsilon + (\varepsilon_0 - \varepsilon)/(1-j\omega\tau)$ poorly describes the course of dispersion in $BaTiO_3$

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V. M. Petrov

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85865

S/048/60/024/011/001/036
B006/B056

9.5320

AUTHOR: Yatsenko, A. F.

TITLE: The Temperature Dependence of the Infrared Absorption Spectra of $BaTiO_3$, $PbTiO_3$, and $PbZrO_3$

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960, Vol. 24, No. 11, pp. 1308 - 1310

TEXT: The present paper is the reproduction of a lecture delivered on the occasion of the 3rd Conference on Ferroelectricity, which took place in Moscow from January 25 to 30, 1960. As the ferroelectric effects in barium titanate and other perovskite-type crystals are brought into connection with particularities in the temperature dependence of one of the optical branches of the vibrational spectrum by several other authors, the author of the present paper investigated the temperature dependence of the absorption bands of the perovskite-type compounds. In view of the fact that in $BaTiO_3$ the bands of the deformation vibrations had no "ferroelectric" character whatever, the temperature course of the valence

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The Temperature Dependence of the Infrared Absorption Spectra of $BaTiO_3$, $PbTiO_3$, and $PbZrO_3$

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B006/B056

vibration bands was investigated. Fig.1 shows the absorption spectrum of the valence- and deformation vibrations of $BaTiO_3$, $PbTiO_3$, WO_3, and $SrSnO_3$. The temperature dependence of absorption in the valence bands of $PbTiO_3$ and $PbZrO_3$ is shown in Fig.2. For the first series, it is characteristic that with an increase of temperature, the fine structure of the high-frequency side vanishes, whereas on the low-frequency side a valence satellite is formed. $PbZrO_3$ shows how all lead-containing perovskites on the high-frequency side had a "lead" satellite, which vanishes with increasing temperature and has no anomalies at Curie point. The results are finally briefly discussed and compared with those obtained by other authors. The author thanks S. P. Rubtsova for help in the measurements. There are 2 figures and 9 references: 6 Soviet, 1 US, 1 British, and 1 Indian.

ASSOCIATION: Rostovskiy-na-Donu gos. universitet (Rostov-na-Donu State University)

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S/048/60/024/011/002/036
B006/B056

24,7800 (1144,1553)
9,2180 (3203,1162)

AUTHORS: Yatsenko, A. F. and Popova, T. P.

TITLE: Some Electrical Properties of Bariumtitanate Activated With Rare Earths

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960. Vol. 24, No. 11, pp. 1311 - 1313

TEXT: The present paper is the reproduction of a lecture delivered at the 3rd Conference on Ferroelectricity, which took place in Moscow from January 25 to 30, 1960. The authors investigated the electrical properties of $BaTiO_3$ samples containing additions of 0.1-3 mole% of rare earth oxides (denoted by TR): Sm_2O_3, Pr_2O_3, Nd_2O_3, Y_2O_3, Tb_2O_3, Dy_2O_3, Er_2O_3, Lu_2O_3, Tu_2O_3, Yb_2O_3, and Gd_2O_3. The electrical characteristics measured in the case of some of the samples investigated are given in the Table. The method of producing the samples is briefly described. Small TR-additions in general increased the stability of the tetragonal phase. The

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Some Electrical Properties of Barium-titanate Activated With Rare Earths

temperature dependence of the dielectric constants was measured in the case of all samples, and also the tangent of the loss angle at V=50 v and ν = 1000 cps. The ε value at room temperature, ε_0, as well as at Curie point ε_θ are also given in the Table. Fig.1 shows $\varepsilon(t)$ and $tg\ \delta = f(t)$ for $BaTiO_3$ with different Pr-additions. Most of the compounds investigated had a high dielectric constant, and some of them also had considerable loss angles. In general, a decrease of $\varepsilon_\theta/\varepsilon_0$ as well as a decrease and broadening of the ε-maximum was found in the $\varepsilon(t)$-curve with increasing TR-content. Also the temperature course of resistivity was found to be dependent on the TR-additions, viz. in an interesting manner: TR concentrations of 1-3% exerted no influence, the curves showed the same course as with pure $BaTiO_3$ (exponential decrease of resistivity with increasing temperature); samples containing 0.1% Sm_2O_3, 0.1% Er_2O_3, 0.1% Tb_2O_3, and 0.1% Nd_2O_3, when heated at Curie point, had a resistivity peak (increase by several orders of magnitude), whereas when cooled at the same place they had a flat maximum (Fig.2).

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