

KONDRATENKO, Ye.S.; ABUBAKIROV, N.K.

Structure of amorphin, a glycoside from plants of the genus
Amorpha. Uzb.khim.zhur. no.5:66-72 '61. (MIRA 14:9)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Amorphin)

GOROVITS, M.B.; ABUBAKIROV, N.K.

Synthesis of 19-nor-11-deoxycorticosteronacetate from strophanthidin.
Med. pref. 15 no. 2: 34-38 F '61. (MIRA 14:3)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(NORPREGNEDIONE) (STROPHANTHIDIN)

ABUBAKIROV, N. K.

Doc Chem Sci - (diss) "Study in the field of the chemistry of steroid glucosides of the strophanthidin group." Tashkent, 1961. 21 pp; (Academy of Uzbek SSR, Joint Academic Council for Chemistry of the Division of Geological-Chemical Sciences); 200 copies; price not given; list of author's works on p 21 (18 entries); (KL, 6-61 sup, 196)

ABUBAKIROV, N.K.

Colorimetric determination of cardiac glycosides. Med. prom. 15 no.8:
14-18 Ag '61. (MIRA 14:12)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(CARDIAC GLYCOSIDES) (COLORIMETRY)

GOROVITS, M.B.; KHRISTULAS, F.S.; ABUBAKIROV, N.K.

Autoxidation of strophanthidin. Zhur. ob. khim. 31 no.4:1381-
1385 Ap '61. (MIRA 14:4)

1. Institut khimii rastitel'nykh veshchestv Akademii nauk
Uzbekskoy SSR.
(Strophanthidin)

MASLENNIKOVA, V.A.; KHRISTULAS, F.S.; ABUBAKIROV, N.K.

Glucosides in the plants of the genus Erysimum. Part 1: Glucosides
in Erysimum diffusum. Zhur.ob.khim. 31 no.6:2069-2076 Je '61.
(MIRA 14:6)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Glycosides)

ABUBAKIROV, N.K.; YAMATOVA, R.Sh.

Glycosides in the plants of the genus Adonis. Part 1: Glycosides
Adonis chrysocyathus Kook. f. et Thom. Zhur.ob.khim. 31 no.7:
2424-2427 J1 '61. (MIRA 14:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Glycosides) (Adonis)

GOROVITS, M.B.; ABUBAKIROV, N.K.

New synthesis of 19-nor-11-deoxycorticosterone acetate. Dokl. AN
SSSR 136 no.5:1082-1085 F '61. (MIRA 14:3)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR. Predstavleno
akad. M.M. Shemyakinym. (Corticosterone)

NIKONOVICH, S.D.; MAKARICHEV, G.K.; ABUBAKIROV, N.K.

Effect of the position of double bonds in anhydrostrophanthidins on the values of extinctions of absorption peaks in the ultraviolet and visible regions of the spectrum. Zhur.ob.khim. 32 no.7:2265-2267 J1 '62. (MIRA 15:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Strophanthidins--Spectra) (Chemical bonds)

MAKARICHEV, G.K.; ABUBAKIROV, N.K.-----

Glucosides of plants of the genus Erysimum. Part 2: "Diffugenin"-
1,4-monoanhydrostrophanthidin. Zhur.ob.khim. 32 no.7:2372-2377
Jl '62. (MIRA 15:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Strophanthidin)

ABUBAKIROV, N. K.; MAKARICHEV, G. K.

" Anhydroderivatives of strophanthidine. "

report submitted for the IUPAC 2nd International Symposium on the
Chemistry of Natural Products, Prague Czech., 27 Aug - 2 Sep 62

KONDRATENKO, Ye.S.; ABUBAKIROV, N.K.

Amorphin, a glycoside. Dokl. AN SSSR 146 no.6:1340-1342 0 '62.
(MIRA 15:10)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
Predstavleno akademikom M.M. Shemyakinym.
(Amorphin)

RASHKES, Ya.V.; ~~ABUBAKIROV, N.K.~~, doktor khim. nauk, otv. red.;
SOKOLOVA, A.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Principles of the use of infrared spectroscopy in organic
chemistry] Ob osnovakh primeneniia infrakrasnoi spektro-
skopii v organicheskoi khimii. Tashkent, Izd-vo AN Uzb.SSR,
1963. 52 p. (MRA 9:10)
(Spectrum, Infrared) (Chemistry, Organic)

MASLENNIKOVA, V.A.; ABUBAKIROV, N.K.

Study of glycosides from the plants of the genus Erysimum. Part 3:
Reduction of erysimozide to erysimosol. Zhur.ob.khim. 33 no.6:
2056-2058 Je '63. (MIRA 16:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
(Glycosides) (Erysimum)

MATVEYEVA, A.V.; ABUBAKIROV, N.K.

Saponins in *Patrinia intermedia* Franch. *Uzb. khim. zhur.* 8
no.5:43-46 '64. (MIRA 18:5)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR i Kirgizskiy
institut krayevoy meditsiny ANI SSSR.

NIKONOVICH, S.D.; ABUBAKIROV, N.K.

Absorption spectra of glycosides of strophanthidin and strophanthidol in sulfuric acid. *Khur.ob.khim.* 33 no.12:3920-3925 D '63.
(MIRA 17:3)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.

TURSUNOVA, R. N.; ABUBAKIROV, N. K.

Glycosides of plants of the genus Erysimum. Part 4: Glycosides
of Erysimum gypsaceum. Zhur. ob. Khim. 34 no.6:2084, 2088 Je '64.
(MIRA 17:7)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.

ABUBAKIROV, N.K.; AMANMURADOV, K.

Triterpenic glycoside vacaroside from seed cowherb. Zhur.
ob.khim. 34 no. 5:1661-1665 My '64. (MIRA 17:7)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR i
Institut khimii AN Turkmenkoy SSR.

TURSUNOVA, R.N.; ABUBAKIROV, N.K.

Glycosides from the plants of the genus *Erysimum*. Part 5:
Structure of gypsobioside. Zhur. ob. khim. 34 no.7:2449-2455
Jl '64 (MIRA 17:8)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.

GOROVITS, M.B.; ABUEAKIROV, N.K.

Syntheses based on strophanthidin. Part 1: Synthesis of
19-nor-11-deoxycorticosterone and 19-norprogesterone.
Zhur. ob. khim. 34 no.7:2456-2462 J1 '64 (MIRA 17:8)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy
SSR.

NIKONOVICH, S.D.; ABUBAKIROV, N.K.

Absorption spectra of steroid aglycons in sulfuric acid. Zhur.
ob. khim. 34 no.8:2658-2663 Ag '64. (MIRA 17:9)

1. Institut khimii rastitel'nykh veshchestv AN UzbSSR.

AMANNURADOV, K.; ABUBAKIROV, N.K.

Sugar component of a triterpene glycoside, "vaksegozid." Izv.
AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no.6:104-
108 '64. (MIRA 18:4)

1. Institut khimii AN Turkmenskoy SSR i Institut khimii rastitel'-
nykh veshchestv AN Uzbekskoy SSR.

YAMATOVA, R.Sh.; ABUEBAKIROV, N.K.

Glycosides from *Apocynum androsaemifolium* L. Part 2: Structure of apobyoside. *Khim.prirod.soed.* 1:15-22 '65.

(MIRA 18:6)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.

TEGISBAYEV, Ye.T.; CHUMBALOV, T.K.; ABUBAKIROV, N.K.

Triterpene glycoside silenoid from the roots of bladder
campion. Rast. res. 1 no.1:102-106 '65. (MIRA 18:6)

1. Alma-Atinskiy gosudarstvennyy meditsinskiy institut; Alma-
Atinskiy gosudarstvennyy universitet im. S.M. Kirova i Institut
khimii rastitel'nykh veshchestv AN UzSSR, Tashkent.

GENKINA, G.L.; ABUBAKIROV, N.K.

Quantitative determination of cardiac jute glycosides. Uzb.khim.zhur.
9 no.1:18-22 '65. (MIRA 18:6)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.

AMANMURADOV, K.; ABUBAKIROV, N.K.

Glycosides of *Vaccaria segetalis*. Report No.3. Enzymatic and alkaline splitting of "vaksegozid." *Khim. prirod.* seed, no.6: 372-379 '65. (MIRA 19:1)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR i Institut khimii AN Turkmenskoy SSR. Submitted May 28, 1965.

ABUBAKIROVA, A.A.; FEDORENKO, N.P.

Economics of the manufacture of acetate fibers. Khim.volok. no.4:
61-63 '60. (MIRA 13:10)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V.
Lomonosova.

(Rayon)

KIRSANOVA, G.A.; ABUBAKIROVA, A.A.

Technical and economic indices of the production of lavsan and
nitron staple fibers. Khim.volok. no.3:59-62 '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna (for Kirsanova).
2. Moskovskiy institut tonkoy khimicheskoy
tekhnologii im. M.V.Lomonosova (for Abubakirova).
(Orlon) (Rayon)

ABUBAKIROVA, F.Z.

Relapsing typhus and typhus in vaccinated. Ter.arkh. 22 no.6:
70-71 Nov-Dec 50. (GLML 20:5)

1. Of the Department of Infectious Diseases (Head--Prof.B.N.
Rubinshteyn), Kirgiz State Medical Institute.

Abubakirova F.Z.

USSR/Pharmacology, Toxicology. Chemotherapeutical Preparations

V-7

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23453

Author : Abubakirova F.Z.

Inst : Chkalov Medical Institute

Title : The Treatment of Thypho-Parathyphosis with Sintomycin,
L-mycetin and Biomycin.

Orig Pub : Tr. Chkalovskogo med. in-ta, 1956, vyp. 5, 74-182.

Abstract : No abstract

Card : 1/1

MUSABAYEV, I.K., prof.; ABUBAKIROVA, F.Z., assistant

Clinical and epidemiological characteristics of Q fever. Med. zhur.
Uzb. no.3: 11-17 Mr '61. (MIRA 14:5)

1. Iz kafedra infeksionnykh bolezney Tashkentskogo gosudarstvennogo
instituta usovershenstvovaniya vrachey.
(Q FEVER)

ABUBAKIROVA, F.Z., kand.med.nauk

Lesion of the cardiovascular system in diphtheria. Nauch.trudy uch.
i prak.vrach. no.2:179-190 '61. (MIRA 15:8)

1. Iz kafedry infektsionnykh bolezney Tashkentskogo instituta
usovershenstvovaniya vrachey (zav. kafedroy - prof. I.K.Musabayev).
(CARDIOVASCULAR SYSTEM—DISEASES) (DIPHTHERIA)

KOCHEROVSKIY, Yu.E.; ABUBAKIROVA, F.Z.

Materials on the pathogenesis of dysentery. Report No.4:
Significance of the titers of anti-O-streptolysine as an
index to the participation of streptococci in the etiopathogenesis
of clinical forms of dysentery. Zhur. mikrobiol., epid. i immun.
40 no.9:132-133 S'63. (MIRA 17:5)

1. Iz kafedry mikrobiologii i kafedry infektsionnykh bolezney
Tashkentskogo gosudarstvennogo instituta usoverkhenstvovaniya
vrachey.

ABUBEKEROV, R.G.; SADCHIKOVA, A.A.

Sanitary and hygienic working conditions in the Aktyubinsk Plant
of Chromium Compounds. Trudy Inst.kraev.pat. AN Kazakh.SSR 10:
222-225 '62. (MIRA 16:5)
(CHROMIUM---TOXICOLOGY) (AKTYUBINSK---OCCUPATIONAL DISEASES)

ROMAKHOV, A.A.; KAYRAKBAYEV, M.K.; ABUBEKEROV, R.G.

"The danger of lead" at the Tekeli Complex Metal Combine.
Trudy Inst.kraev.pat AN Kazakh. SSR 9:74-80'61. (MIRA 16:7)
(TEKELI—LEAD POISONING)
(TEKELI—METALLURGY—HYGIENIC ASPECTS)

S/081/63/000/004/047/051
B156/B180

AUTHORS: Nagiyev, M. F., Petrova, Z. G., Tryapina, L. J.,
Babayeva, A. A., Aliyeva, K. Ya., Abubekirova, R. U.

TITLE: Determination of the optimum amounts of initiator and
emulsifier for the suspension polymerization of divinyl
benzenes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 617 - 618,
abstract 4T154 (Azerb. khim. zh., no. 1, 1962, 99 - 103
[summary in Azerb.])

TEXT: The suspension polymerization of divinyl benzene in the presence
of an initiator, isopropylbenzene hydroperoxide (0.25 - 2 %), and an
emulsifier, the Na salt of dibutyl-naphthalene sulfonic acid (0.25 - 2
wt.%) was used to accelerate the process of polymerization of divinyl
benzenes. The polymerization process was conducted at 90 and 98°C, the
experiment lasted 6 h, and the mixer was rotated at 600 rev/min. The
optimum reaction conditions for the maximum yield of polymer with
0.3 - 1.5 mm grains are: 1.5 wt.% of initiator; 0.1 - 0.25 wt.% of
emulsifier; 90 - 98°C. [Abstracter's note: Complete translation.]
Card 1/1

ABDUSAMATOV, A.; ABUDAZIMOV, Kh.A.; YUNUSOV, S.Yu., akademik

Alkaloids from Ungernia tadshicorum Vved. and artificial alkaloids
from Ungernia victoris Vved. Dokl. AN Uz. SSR 20 no.1:18-21 '63.
(MIRA 16:6)

1. Institut khimii rastitel'nykh veshchestv AN Uzbekskoy SSR.
2. AN Uzbekskoy SSR (for Yunusov).

(Alkaloids) (Ungernia)

ABUDOV, A.A.

Genetic recombinations in intestinal bacteria. Report No.3: Study of the genetic structure of dysentery bacteria hybrids (serological properties). Biul. eksp. biol. i med. 56 no.9:76-80 S '63.
(MIRA 17:10)

1. Iz laboratorii genetiki mikroorganizmov (zav. - doktor biolog. nauk A.P. Pekhov) Instituta eksperimental'noy biologii (dir. - prof. I.N. Mayskiy) AMN SSSR, Moskva i Instituta krayevoy eksperimental'noy meditsiny AN Uzbekskoy SSR, Tashkent. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

ABUGALIYEV, I. A., Cand Bio Sci — (diss) "Certain questions on the biology of growth of sugar beets in the square-plot cultivation in Kazakhstan," Alma-Ata, 1960, 23 pp, 200 cop. (Academy of Sciences Kirgiz SSR)
(KL, 45-60, 123)

ABUGALIYEV, Rustam Musayevich; KADYROV, Abat Kazhinovich

[Shepherd's concise handbook] Kratkii spravochnik chabana. Alma-Ata,
Kazakhskoe gos. izd-vo, 1955. 287 p. (MLRA 10:2)
(Kazakhstan--Sheep)

ABUGALIYEV, R.

Skilled assistance to stock raisers. NTO 3 no.8:49-50 Ag '61.
(MIRA 14:9)

1. Uchenyy sekretar' veterinarncy seksii Kazakhskogo respubli-
kanskogo pravleniya Nauchno-tekhnicheskogo obshchestva sel'skogo
i lesnogo khozyaystva.
(Kazakhstan--Stock and stock breeding)

GAUKH, L.K., dotsent; DUVAA, Zh., nauchnyy sotrudnik, TUMBAA, Kh.,
nauchnyy sotrudnik; ABUGALIYEV, K.M., veterinarnyy vrach

Paratuberculous enteritis in camels. Veterinariia 41
no.11:115-116 N '64. (MIRA 18:11)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva i
veterinariif Mongol'skoy Narodnoy Respubliki.

AID P - 3308

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 14/20

Author : Abugov, A., Eng. Maj.

Title : Practical equipment of stands and working points

Periodical : Vest. vozd. flota, 11, 66-70, N 1955

Abstract : The author critically reviews the article of Petrov, I., Eng. Maj., "Equipment of stations for periodical maintenance work", No. 3 (1955) of this journal. He mentions several instruments and shows the arrangement of radio stations on special stands. Diagrams.

Institution : None

Submitted : No date

ABUGOV, A.G.; TUMANOVSKIY, Ye.I., kand.tekhn.nauk

Device for determining the duty of telegraph lines. Vest. svyazi
23 no.7:14-15 J1 '63. (MIRA 17:2)

1. Starshiy inzh. Kiyevskogo otdeleniya TSentral'nogo nauchno-is-
sledovatel'skogo instituta svyazi Ministerstva svyazi SSSR (for
Abugov). 2. Nachal'nik laboratorii Kiyevskogo otdeleniya TSen-
tral'nogo nauchno-issledovatel'skogo instituta svyazi Ministers-
tva svyazi SSSR (for Tumanovskiy).

BELICHENKO, I.A.; KRYLOV, V.S.; KROTOVSKIY, G.S.; ABUGOV, A.M.

Angiography in lesions of the branches of the arch of the
aorta. Vest. rent. i rad. 40 no.5:12-17 S.S. '65.

(MIRA 18:12)

1. Nauchno-issledovatel'skiy institut klinicheskoy i
eksperimental'noy khirurgii Ministerstva zdравookhraneniya
RSFSR, Moskva.

ABUGOV, B.

Equipment of a drafting room. Prof.-tekhn. obr. 11 no. 9:13-15
D '54. (MLRA 8:1)

1. Prepodavatel' remeslennogo uchilishcha No. 12 (Leningrad).
(Mechanical drawing)

AUTHOR: Abugov, B. 27-5-24/25

TITLE: Great Occasion (Slavnyy yubiley)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, May 1957,
5(144), p 33, (USSR)

ABSTRACT: The short notice describes the celebration of the 70th birthday
of Sergey Mikhailovich Gubin and his 45 years as teacher of
drawing at Technical School # 2, in Leningrad. He is one of
the authors of a collection of posters on machine designing
published by the Publishing Office of the Labor Reserves
(Trudrezervizdat).

INSTITUTION: None

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 1/1

ABUGOV, B., zaslužennyy uchitel' professional'no tekhnicheskogo
obrazovaniya (Leningradskaya oblast').

Successes and shortcomings of the teaching of mechanical drawing.
Prof. tekhn. obr. 22 no. 12:5-6 D '65 (MIRA 19:1)

ABUGOV, Boris Grigor'yevich; KOZAREZ, Vladimir Yakovlevich; PENKNOVICH, L.D.,
nauchnyy red.; GAVRILOV, F.P., red.; ROMANOV, B.V., red.; RAKOV, S.I.,
tekhn.red.

[Collection of problems in mechanical drawing] Zadachnik po mashino-
stroitel'nomu chercheniu. Izd. 2-oe, ispr. 1 perer. Moskva, Vses.
uchebno-pedagog. izd-vo Trudrezervizdat, 1957. 366 fold. l. (in
portfolio) — — — [Practical manual for teachers to accompany
the "Collection of problems in mechanical drawing."] Metodicheskoe
rukovodstvo dlia prepodavatelei k zadachniku po mashinostroitel'-
nomu chercheniu. Izd. 2-oe, ispr. 1 perer. 1957. 39 p. (MIRA 11:4)
(Mechanical drawing--Study and teaching)

ABUGOV, R.I.

The electric conductivity of the flame in an internal-combustion engine. D. Abugov and A. Sokolik. *J. Exptl. Theoret. Phys.* (U. S. S. R.) 3, 438-40 (1933).
The dependence of normal operation of internal-combustion engines on the elec. cond. of the flame is established. The analysis of a set of curves enables the estn. of the velocity of propagation of the burning zone in the engine, the velocity of the reaction and the persistence of the com-

bustion to the end of the cycle. In studying the conditions which det. the normal operation of the motor, relation is established between (1) the compression ratio, choking and compn. of the mixt., and (2) the velocity of flame propagation, the max. value of the ionization current and the persistence of ionization. The max. value of the ionization current is increased and the persistence of ionization decreased by adding a detonation inducing substance to the fuel, the opposite is true when a nondetonation-inducing substance is added. Curves are given which show for the complete cycle the variation of ionization current with compression ratio, choking, speed of engine, compn. of air-fuel mixt. (rich and lean) and addn. of various detonation-inducing substances. The effects of detonation are illustrated by curves. Marie Gover

ASH-51A METALLURGICAL LITERATURE CLASSIFICATION

Periodical : Dok. AN SSSR 100/2, 291-294, Jan 11, 1955

Card 2/2 Pub. 22 - 25/52

Abstract : An approximated method is introduced which will permit the study of the relation between the mean temperature of the reacting gas mixture and the time of combustion without consideration of the temperature distribution in space. The results obtained are listed. Seven references: 4 USSR and 3 USA (1928-1953. Graph.

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310008-8

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310008-8"

25117

S/535/60/000/119/001/009

E191/E481

11.7100

AUTHOR: Abugov, D.I., Candidate of Technical Sciences

TITLE: Problems of transient processes of combustion in engines

PERIODICAL: Moscow, Aviatsionnyy institut. Trudy. No. 119, 1960. Rabochiye protsessy v teplovykh dvigatel'nykh ustanovkakh, pp. 7-42

TEXT: Among the transient combustion processes, namely ignition, extinction, and transition between combustion and detonation, the process of ignition of a homogeneous (previously intermixed) gaseous mixture of fuel and oxidizing medium is mainly considered. The thermal theory of ignition considers pre-ignition chemical reactions. The investigation of ignition processes requires the simultaneous solution of a system of equations including the equation of chemical kinetics and the equation of gas dynamics. In the present report, the thermal aspect of combustion, namely the effect of the temperature variation on the rate of heat formation in the chemical reaction, receives the main emphasis. The energy equation applied to a constant volume vessel can be treated

Card 1/5

25117

S/535/60/000/119/001/009

Problems of transient processes ... E191/E481

approximately either by ignoring space distribution and establishing a variation of temperature with time or by considering the space distribution alone. Either method yields a critical condition of ignition but a variable volume is a better simulation of conditions in an engine. In the present paper, a closed system is considered which precludes interchange of mass with the outside. It is assumed that the pressure and temperature are equal throughout the volume and the temperature gradient is localized at the combustion chamber walls. The variation of volume with time is assumed to be known in advance. The effect of a change in concentration of the initial gas mixture as a result of combustion is ignored. Further assumptions include a constant specific heat and a constant resistance to heat flow. The initial equations, expressing these conditions, are set out. Using graphical methods the conditions for ignition are obtained. Among the results of this study is the arbitrary definition of the ignition lag. The experimentally measured ignition lag appears mainly as that due to mixture formation. Several forms of the kinetic ignition curve are enumerated and discussed. It is shown that many forms of ignition curve are possible without assuming, as is often done, a multi-stage

Card 2/5

25117

S/535/60/000/119/001/009

Problems of transient processes ... E191/E481

chemical reaction. The experimental study of ignition processes is briefly summarized. The author's own experiments were concerned with test rigs simulating rapid compression and expansion. In the author's installation built on the basis of a four-stroke single cylinder spark motor car engine (600 cc) the compression ratio could be varied and the fuel was injected into the combustion chamber every second cycle. An electric motor and generator ensured constant speed. The pressure and its rate of change were recorded by means of a Moscow Aviation Institute indicator with a piezoquartz pickup. The analysis of the transient curves of ignition was facilitated by the presence of lines without fuel injection. Among the results of the experimental analysis confirmed by the tests conducted with different fuels was the fact that the transient curves of ignition are linked with the sign and intensity of energy exchange with the surrounding medium. A two-stage type of the transient curve was always observed when ignition took place during an increasing volume of the combustion chamber. When the angular interval of the injection was reduced, the conditions for ignition deteriorated until ignition ceased altogether. Ignition during diminishing chamber volume causes

Card 3/5

25117

S/535/00/COG/110/001/009

E171/E481

Problems of transient processes

a sharp increase in the rate of pressure rise and is associated with knocking. Analogue computer solutions of the ignition equations were obtained by the author. In particular, analogue solutions permit the determination of the effect on the ignition process of the instant of mixture formation, the effect of changing the relative heat rejection and other factors. The application of the results obtained on the conditions of detonation in spark ignition engines is discussed. The time interval during which an acoustic signal traverses the combustion chamber must be small compared with the time interval during which the pressure of the mixture changes significantly. Otherwise, a shock wave is developed which leads to quasi-detonation. In compression ignition engines, the appearance of knocking is associated with the shape of the kinetic ignition curves. The ignition in gas turbine combustion chambers is discussed in the light of the theory given in the present paper. Acknowledgments are expressed to G.M. Todes for advice. There are 12 figures and 10 references: 7 Soviet and 3 non-Soviet. The three references to English language publications read as follows: Taylor, C.G. Taylor E.S., Card 4/5

25117

S/535/60/000/119/001/009

Problems of transient processes ... E191/E481

Livengood J.C., Russel W.A., Leary W.A., SAE Quarterly Transaction, 1950, Vol.4, No.2; Pastell D.L., SAE Quarterly Transaction, 1950, Vol.4, No.4; Levedehi V.J., Auto-ignition of Engine Fuels, Fifth Symposium (International) on Combustion, New York, 1955, pp.372-385.

X

Card 5/5

ACC NR: AP7005667

SOURCE CODE: UR/0413/67/000/002/0138/0138

INVENTOR: Abugov, D. I.; Bazarov, V. G.; Ganovskiy, G. A.; Malakhov, N. N.

ORG: none

TITLE: Experimental combustion chamber for a liquid rocket engine.
Class 46, No. 190728

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 138

TOPIC TAGS: combustion chamber, combustion chamber test, liquid propellant engine, ~~liquid propellant rocket~~

ABSTRACT: The proposed experimental combustion chamber contains a cylindrical shell, a replaceable injector, and a nozzle unit with replaceable exhaust nozzles. In order to vary the natural frequency of the gas oscillations smoothly and to obtain the amplitude-frequency characteristic during a single firing of the engine, a movable piston is mounted in the

Card 1/3

UDC: 621.455

ACC NR: AP7005667

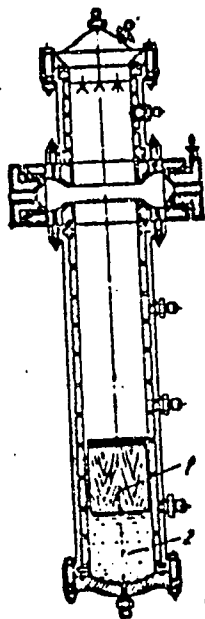


Fig. 1. Experimental chamber

1 - Piston; 2 - liquid.

Card 2/3

ALL NRAP/005667

cylindrical shell of the chamber. This piston, which changes the length of the chamber gas cavity, may be, for example, hydraulically driven (see Fig. 1). Orig. art. has: 1 figure. [TN]

SUB CODE: 21/ SUBM DATE: 01 Dec 65/ ATD PRESS: 5117

Card 3/3

ABUGOV, M. G.

Novaya konstruktsiia reztsov dlia skorostnogo rezaniia (New design of cutters for high-speed cutting). Moskva, Mashgiz, 1952. 20 p.

SO: Monthly List of Russian Accessions, Vol 6, No. 1, June 1953

ABUGOV, P. M.

American Petroleum Institute (Indices of durability of castings and pipes of pumps.

(Pokazeteli prochnosti obozadrykh i nasosnykh detal. (Perevel s angliiskogo V. K. Levetskii redaktor P. M. Abugov) Moskva, 1948, 19 p. (Inostrannaia neftianaiia tekhnika Burenie.)

Available: Library of Congress

Source: Monthly List of Russian Accessions, Vol. 5, No. 1, Page 14

ERLIKH, Georgiy Mikhaylovich; ABUGOV, P.M., redaktor; SVYATITSKAYA, K.P.,
vedushchiy redaktor; POLOSINA, A.S., tekhnicheskii redaktor

[Operation of drill pipes] Eksploatatsiia buril'nykh trub. Izd.
2-oe, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi
i gorno-toplivnoi lit-ry, 1956. 301 p. (MLBA 9:8)
(Oil well drilling)

SOV/137-57-11-21417

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 11, p 108 (USSR)

AUTHOR: Abugov, P.M.

TITLE: Specifications to be Met by the Metallurgical Industry Relative to the Quality of Insulation Against Corrosion, the Inventory of, and Mixed-lot Shipments of Casing for the Petroleum Industry
(O trebovaniyakh k metallurgicheskoy promyshlennosti v otnoshenii kachestva protivokorroziionnoy izolyatsii, nomenklatury i kompleksnoy postavki trub dlya neftyanoy promyshlennosti)

PERIODICAL: V sb.: Ratsionalizatsiya profiley prokata. Moscow, Profizdat, 1956, pp 262-264

ABSTRACT: A listing is presented of the specifications, and the problem of the need to apply insulation against corrosion to casings under shop conditions is posed.

L.M.

Card 1/1

ABUGOV

ABRAMOV, M.A.; ALIVERDIZADE, K.S.; AMIROV, Ye.M.; ARENSON, R.I.; ARSEN'YEV, S.I.; BAGDASAROV, R.M.; BAGDASAROV, G.A.; BADAMYANTS, A.A.; DANIYEL'YAN, G.N.; DZHAFAROV, A.A.; KAZAK, A.S.; KERCHENSKIY, M.M.; KONYUKHOV, S.I.; KRASNOBAYEV, A.V.; KURKOVSKIY, A.I.; LALAZAROV, G.S.; LARIONOV, Ye.P.; LISTENGARTEN, M.Ye.; LIVSHITS, B.L.; LISIKYAN, K.A.; LOGINOVSKIY, V.I.; LYSENKOVSKIY, P.S.; MOLCHANOV, G.V.; MAYDEL'MAN, N.M.; OKHON'KO, S.K.; ROMANIKHIN, V.A.; ROSIN, I.I.; RUSTAMOV, E.M.; SARKISOV, R.T.; SKRYPNIK, P.I.; SOBOLEV, N.A.; TARATUTA, R.N.; TVOROGOVA, L.M.; TER-GRIGORYAN, A.I.; USACHEV, V.I.; FAYN, B.P.; CHICHEROV, L.G.; SHAPIRO, Z.L.; SHEVCHUK, Yu.I.; TSODIK, A.A.; ABUGOV, P.M., red.; MARTYNOVA, M.P., vedushchiy red.; DANIYEL'YAN, A.A.; TROFIMOV, A.V., tekhn.red.

[Oil field equipment; in six volumes] Neftianoe oborudovanie; v shesti tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gornotoplivnoi lit-ry. Vol.3. [Petroleum production equipment] Oborudovanie i instrument dlia dobychi nefti. 1960. 183 p.
(MIRA 13:4)

(Oil fields--Equipment and supplies)

KORNEYEV, M.I., kand.techn.nauk; ADUGOV, Ya.M., inzh.

Principal trends and prospects for the development of steam
and gas power systems. Energomashinstroenie 11 no.11:3-5 11
'65. (MIRA 18:11)

L 33663-66 EWT(m)/EWP(f)/T WW/WE

ACC NR: AP6012264

(N)

SOURCE CODE: UR/0114/65/000/011/0003/0005

AUTHOR: Korneyev, M. I. (Candidate of technical sciences); Abugov, Ya. M. (Engineer)

ORG: None

70

B

TITLE: Trends and prospects in the development of gas-steam power installations

SOURCE: Energomashinostroyeniye, no. 11, 1965, 3-5

TOPIC TAGS: thermoelectric power, gas turbine, steam turbine, steam boiler, thermoelectric generator, electric power engineering, electric power plant

ABSTRACT: The authors discuss developments and application of combined gas-steam power installations with high-pressure steam generators where gas turbine exhaust gases are used for heating boilers. Basic trends in the development of combined steam turbine installations in the Soviet Union are considered. Existing electric power stations with average steam parameters will be brought up to date by the addition of a gas-steam cycle. Pilot gas-steam units with high pressure steam generators will be installed in liquid and gas fuel electric power stations under reconstruction. Gas-steam installations using exhaust gases for heating boilers, working on solid fuels and heavy petroleum residue must be developed. Assembly line production of various types of high-pressure steam generators and gas turbines must be organized for gas-

UDC: 62-175.001.8

Cord 1/2

DIDENKO, K.I., kand. tekhn. nauk; GAFANOVICH, M.D.; ZAGARIY, G.I.; ABUGOV,
Yu.O.; SHRAMKO, K.N.

Electric regulator of a ferrodynamic system. Avt. i prib. no.48
64-66 O-D '64 (MIRA 18:2)

VASIL'YEV, V.G.; IVANOV, A.P.; VOSTRYAKOV, O.I.; SHMITEL'SKIY, V.N.;
GAFANOVICH, M.D.; DIDENKO, K.I.; ABUGOV, Yu.O.; SHRAMKO, K.N.;
ZAGARIY, G.I.; DUDCHENKO-DUDKO, V.M.; NIKULIN, Yu.Ya.;
YEFIMOV, Yu.N.; BYKOV, V.L.

Inventions. Avt. i prib. no.4:73-74 O-D '64 (MIRA 18:2)

L 31039-65

45003052

5/01/19/65/000/001/0010/0012

SOURCE: Priboystroenie, no. 1, 1965, 1966

Enclosure 1)
permits setting the integrating time within 7.5-20 000 s. The error ΔE permits setting the integrating time within 7.5-20 000 s. The error ΔE is $\Delta E = E_p - E_o$, where E_p and E_o are the input parameter and reference voltages, respectively, is applied to voltage amplifier 3. The amplified error signal is fed to the integrating circuit 5, and

1. 31039-65

ACCESSION NR: AP5003052

height square pulses whose duration is proportional to ΔE . The proportioning circuit is timed by adjustable power-supply-frequency divider 7. Device 4

claimed characteristics are: error $\pm 1\%$ over $\pm 40^\circ$ a-c control

ambient temperature $\pm 10^\circ\text{C}$ and humidity $\pm 10\%$ and 8 formulas.

and 213

ACC NR: AP7001824

SOURCE CODE: UR/0119/66/000/012/0012/0014

AUTHOR: Abugov, Yu. O. (Engineer); Gafanovich, M. D. (Engineer); Zagariy, G. I. (Engineer); Shramko, K. N. (Engineer); Didenko, K. I. (Candidate of technical science)

ORG: none

TITLE: Proportional-plus-integral regulator with nonlinear integrating action

SOURCE: Priborostroyeniye, no. 12, 1966, 12-14

TOPIC TAGS: nonlinear control system .integration.

ABSTRACT: A proportional-plus-integral regulator serially produced since 1965 is described in which the duration of integration is inversely related to the magnitude of the error signal. The block diagram of the regulator (see Fig. 1) has an analog

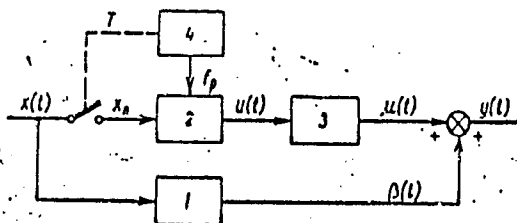


Fig. 1. Nonlinear proportional-plus-integral regulator.

Card 1/2

UDC: 621.3.078

ACC NR: AP7001537

SOURCE CODE: UR/0108/66/021/012/0058/0062

AUTHOR: Abugova, I. D.

ORG: none

TITLE: High-speed radio-pulse amplitude memory cells

SOURCE: Radiotekhnika, v. 21, no. 12, 1966, 58-62

TOPIC TAGS: trigger circuit, tunnel diode, computer memory

ABSTRACT: Dynamic (Fig. 1) and static (Fig. 2) radio-pulse amplitude memory cells using tunnel diodes as storage elements are described. The dynamic memory cell

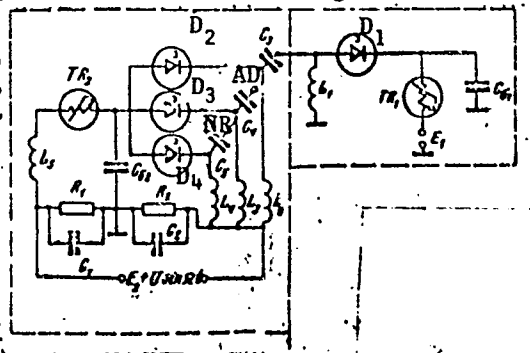


Fig. 1. Dynamic memory cell

AD - Address decoder; NR - number register

Card 1/3

UDC: 681.142.68

ACC NR: AP7001537

respectively. The dynamic cell was tested at a 40-Mc clock frequency when the carrier frequency was 1200—1400 Mc. Similar diodes with 3-mamp peak currents were used. Simultaneous variation of constant and variable clock voltage amplitudes did not disrupt normal cell operation if limits of $\pm 4\%$ and $\pm 3\%$ were observed respectively. The maximum possible operating speed of these memory cells is 50 Mc for static configurations and 70 Mc for dynamic configurations. Orig. art. has: 5 figures. [BD]

SUB CODE: 09/ SUBM DATE: 11Feb66/ ORIG REF: 003/ ATD PRESS: 5110

Cord 3/3

ABUGOVA, Kh. B.

Abugova, Kh. B.

"The system of exercises in working with students of the eleventh class on the first subject of stereometry." Min Education RSFSR. Leningrad State Pedagogical Inst imeni A. I. Gertsen. Leningrad, 1956. (Dissertation for the Degree of Candidate in Pedagogical Sciences.)

Knishnaya letopis'
No. 21, 1956. Moscow.

ABUGOVA, Kh.B.

Studying illustrated drawings of plane figures in the 9th grade
solid geometry course. Uch. zap. Ped. inst. Gerts. 183:289-309
'58. (MIRA 13:8)

(Geometry, Solid--Study and teaching)

ABUGOVA, Khaya Beniaminova; SHCHUKINA, Mariya Alekseyevna; PAZEL'SKIY,
S.V., red.; KOZLOVSKAYA, M.D., tekhn.red.

[Collection of oral exercises in geometry for high school,
grades 8-10] Sbornik ustnykh uprazhnenii po geometrii dlia
8-10 klassov srednei shkoly; posobie dlia uchitelei srednei
shkoly. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.
RSFSR, 1960. 111 p. (MIRA 14:4)
(Mathematics--Problems, exercises, etc.)

ABUGOVA, S.P. (Moskva)

Pulseless disease; Takayasi syndrome. Klin. med. 35 no.1:112-115
Ja '57 (MLRA 10:4)

1. Iz instituta terapii AMN SSSR (dir.-deystvitel'nyy chlen
AMN SSSR prof. A.L. Myasnikov)
(AORTA, dis.
aortic arch synd., Takayasu type)
(ARTERITIS
same)

ABUGOVA, S.P.

Panarteritis of the aorta and its branches. Kardiologiya 4
no.3:54-59 My-Je '64.

Electrocardiographic changes in patients with the superior vena
cava syndrome. Ibid. 160-63 (MIRA 18:4)

1. Institut terapii (dir. - deystvitel'nyy chlen AMN SSSR A.L.
Myasnikov) AMN SSSR.

ABUKHINA, A.M.

Materials on the ecology of the codfish *Eleginus navaga* (Pall) in the White Sea. Vop. ikht. 2 no.1:55-68 '62. (MIRA 15:3)

1. Belomorskaya biologicheskaya stantsiya Karel'skogo filiala AN SSSR.

(WHITE SEA--CODFISH)

1. MANDEVICH, L. A. : ABUKHOV, L. G.
2. USSR (600)
4. Woodwork
7. Rapid bending of wood by machinery. Der. i izooklin. prom. 1 no. 3. 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

TITLE: Vacuum lock

SOURCE: Pribo^{2/}ry* i tekhnika eksperimenta⁹, no. 5, 1964, 194-195

TOPIC TAGS: vacuum lock

ABSTRACT: A new type of vacuum lock is described which is intended for use in

SUBMITTED: 09A 1964

SUB CODE: IE

NO REF SOV. 000

OTHER: 001

Card 1/1

7750KOV, B.S.

AUTHOR: Abukov, B.S., Mining Engineer 127-58-5-25/30

TITLE: Short-Delay Blasting in the Rizh-Guba Mine of the "Severonikel'" Combine (Korotkozamedlennoye vzryvaniye na rudnike Rizh-Guba kombinata Severonikel')

PERIODICAL: Gornyy Zhurnal, 1958, Nr 5, p 76 (USSR)

ABSTRACT: The Rizh-Guba mine of the Severonikel' Combine works, by the stripping method, a quartzite layer whose thickness varies from 8 to 15 m and whose dip angle is 30°. The enclosing rocks are chlorite slates. The ore and rocks are blasted by 106-mm shot-holes drilled with BMK-2 drilling machines. Tests of short-delay blasting were initiated in 1957. The delay period adopted was 35 milliseconds in order that a delayed explosion should occur before the beginning of rock displacements caused by the instantaneous explosion. Experimental blasts have shown considerable advantages of the short-delay blast as compared with the instantaneous. The output of rocks separated per meter of shot-holes, increased by 17.3%, and at present the entire mine has switched to short-delay blasting. There is one figure and 1 table.

ASSOCIATION: Kombinat Severonikel' (Severonikel' Combine)

AVAILABLE: Library of Congress

Card 1/1 1. Mines-Blasting

ABUKOVA, R.A.

Hypogammaglobulinemia and the therapeutic use of gamma globulin.
Kaz.med.zhur. no.3:82-85 My-Je '62. (MIRA 15:9)

1. Kafedra otolaringologii (zav. - prof. N.N.Lozanov) i
otorinolaringologicheskoye otdeleniye Respublikanskoy klinicheskoy
bol'nitsy (glavnyy vrach - K.L.Svechnikov).
(GAMMA GLOBULIN)

ABUKOVA, R.A.

Angine morbidity from data of the First Polyclinic of Kazan.
Kaz. med. zhurn. no.6:68-70 '62. (MIRA 17:5)

1. 1-ya poliklinika 7-y gorodskoy bol'nitsy Kazani (glavnyy
vrach - S.G. Sorkina, nauchnyy konsul'tant - prof. N.N. Lozanov).

ABUKOVA, R.A.

Incidence of otorhinolaryngeological diseases among the pupils of Kazan boarding schools and measures for their control. Nauch. trudy Kaz. gos. med. inst. 14:7-8 '64. (MIRA 18:9)

1. Kafedra bolezney ucha, gorla i nosa (zav. - prof. N.N. Lozanov) Kazanskogo meditsinskogo instituta i Tatarskaya respublikanskaya klinicheskaya bel'nitsa (glavnyy vrach K.I. Svecnikov).

ABUKOVA, Ye.

Meeting of the medical workers' group in Ashkhabad. Zdrav. Turk.
5 no.1:47 Ja-F '61. (MIRA 14:6)

1. Glavnyy vrach Ashkhabadskoy sanitarno-epidemiologicheskoy stantsii.
(ASHKhabad--PUBLIC HEALTH)

ABUKOVA, Ye.N.

Work of the permanent committee on public health. Zdrav. Turk. 2 no.4:
36-39 Jl-Ag '58. (MIRA 12:6)

1. Predsedatel' postoyannoy komissii po zdravookhraneniyu Ashkha-
badskogo gorodskogo Soveta deputatov trudyashchikhsya.
(ASHKHABAD--PUBLIC HEALTH)

ABUKOVA, Ye.N.; GAREYEVA, M.S.; TITOVA, M.N.; DREKOVA, V.P. Prinsipali
uchastnye: NIKIFOROVA, Ye.N.; REDZHEPOV, N.N.; KLENOVA, M.A.;
KAZAK, A.F.; FURMANOVA, N.M.; VISHNEVSKAYA, L.A.; SARKISOVA, E.N.

Measures for the control of acute intestinal diseases in Ashkhabad.
Zdrav.Turk. 6 no.4:3-8 J1-Ag '62. (MIRA 15:8)
(ASHKhabAD--INTESTINES--DISEASES)

GAREYEVA, M.S.; ABUKOVA, Ye.N.

Prevention of parenteral epidemic hepatitis (Botkin's disease)
Zdrav. Turk. 7 no.5:33-35 (41) May '63. (MIRA 16:8)
(HEPATITIS, INFECTIOUS--PREVENTION)

ABUKUMOVA, Klara [Abakumava, K.], tkachikha, udarnitsa kommunisticheskogo truda; KASPEROVICH, A.S. [Kaspyarovich, A.S.], kand.tekhn.nauk; NAZAROVA, G.F. [Nazarava, H.F.] (Zheludokskiy rayon Grodnenskaya oblast'); SHIPKOVA, Ye. [Shypkova, E.] nauchnyy sotrudnik; BELOUSOVA, Ye.S. [Belavusava, E.S.]

What interesting events took place in your life in 1960? Rab.1
sial. 36 no.12:2 of cover-1.D '60. (MIRA 13:12)

1. Arshanskiy l'nokombinat (for Abakumova). 2. Belorusskiy institut
zhivotnovodstva g. Zhodino (for Shipkova).
(White Russia--Women--Employment)

ABULALZE, A.; DADUNASHVILI, L. (Tbilisi)

Effect of prolonged use of Borzhomi mineral water (spring No.1)
on the excretion of rhodanates with saliva. Vop. kur., fizioter.
i lech. fiz. kul't. 28 no.4:359-360 J1-Ag '63.

(MIRA 17:9)

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310008-8

In the light of the fact that the

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310008-8"

Dissertation: "Correlations Between Cell Composition and the Physico-chemical Indexes of Blood Serum in Horses." Moscow Zooveterinary Inst., 27 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

ABULADZE, A.V.

Reactive manifestations in the spleen of dogs following intramuscular
injection of solutions of dry leucocytic and dry normal sera. Trudy
Inst. morf. zhiv. no.26:74-89 '59 (MIRA 13:3)
(Spleen) (Serum)

ABULADZE, A.V. (Moskva, G-69, ul. Vorovskogo, 10, kv.3)

Problem of the myelogram in dogs. Arkh. anat. gist. i emb. 38
no. 5:51-55 My '60. (NIRA 14:2)

1. Laboratoriya tsitologii (zav. - chlen-korrespondent AN
SSSR G.K. Khrushchev) Instituta morfologii zhivotnykh im. A.N.
Severtsova Akademii nauk SSSR.
(MARROW)

ABULADZE, A.V.-

Reaction of red marrow in dogs to the injection of leucocytic and
natural sera. Trudy Inst.morf.zhiv. no.36:36-45 '61. (MIRA 14:4)

(Marrow)

(Serum)

ABULADZE, A.V.

Histogenic reactions in the spleen of dogs to the injection of
leucocytic and natural sera. Trudy Inst.morf.zhiv. no.36:46-57
'61. (Spleen) (Serum) (MIRA 14:4)

ABULADZE, A.V.

Effect of a leucocytic serum on the mitotic activity of the cryptal
epithelium of the small intestine. Dokl. AN SSSR 149 no.4:957-959
Ap '63. (MIRA 16:3)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
Predstavleno akademikom Yu.A.Orlovym.
(Karyokinesis) (Leucocytes) (Epithelium)

ABULADZE, A.V.; SLUDSKAYA, A.I.

Characteristics of the development and the picture of peripheral
blood in white rats thymectomized in the early postnatal period.
Dokl. AN SSSR 159 no.5:1197-1200 D '64 (MIRA 18:1)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR.
Predstavleno akademikom A.N. Bakulevym.