"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.Kh., prof.; KOCHERGINA, N.Z., kand.med.nauk

Cobalt content in the blood of arteriosclerosis patients. Med. zhur.Uzb. no.8:8-13 Ag '62. (MIRA 16:4)

1. Iz kafedry gospital'noy terapii lechebnogo fakul'teta (zav. - prof. Z.I.Umidova) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

(COBALT IN THE BODY) (ARTERIOSCLEROSIS)

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KHODZHAYEV, A.Kh., mladshiy nauchnyy sotrudnik

Smoke pots for controlling pests of cotton produce. Zashch. rast. ot vred. i bol. 6 no.11:26-27 N '61. (MIRA 16:4)

1. Uzbekskiy institut zashchity rasteniy, Tashkent.
(Uzbekistan—Cotton—Diseases and pests)
(Fumigation)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

USPENSKIY, F.M., kand. biol. nauk; SOMOV, I.A.; MUMINOV, A.M., kand. sel'khoz. nauk; IVANOV, Ye.N., kand. biol. nauk; VASIL'YEV, A.A., kand. sel'khoz. nauk; SOLOV'YEVA, A.I., kand. sel'khoz. nauk; ZAPROMETOV, N.G., doktor sel'khoz. nauk; YAKHONTOV, V.V., doktor biol. nauk; KAPUSTINA, R.I.; STROMM, N.G.; POLEVSHCHIKOVA, V.N., kand. sel'khoz. nauk; KARIMOV, M.A., doktor biol. nauk; NOSKOV, I.G., kand. sel'khoz. nauk; KHODZHAYEV, A.Kh.; ALEYEV, B.G., kand. sel'khoz. nauk; YAKHONTOV, V.V., doktor biol. nauk; STEPANOV, F.A.; LYUBETSKIY, Kh.Z., kand. med. nauk; GUREVICH, B.E.; KONDRAT'YEV, V.I.; SUDARS, L.P.; KOSTENKO, I.R., zasl. agr. Uzbekskoy SSR; GORELIK, I.M., red.; BAKHTIYAROV, A., tekhn. red.

[Manual on controlling the pests, diseases and weeds of cotton, corn, and legumes] Spravochnik po bor'be s vreditelyami i bolezniami khlopchatnika, kukurusy i bobovykh kul'tur. Izd.2., perer. i dop. Tashkent, Gos.izd-vo UzSSR, 1963. 325 p. (MIRA 16:5)

(Field crops—Diseases and pests)
(Weed control)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.M.

DUKEL'SKIY, Solomon Naumovich, kandidat ekonomicheskikh nauk;
KHODZHAYEV, A.M., kandidat ekonomicheskikh nauk, redaktor;
GAMZAYEVA, M., tekhnicheskiy redaktor

[Money; a lecture in a course on political economy.] Den'gi; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos.izd-vo "Sovetskaia nauka," 1956. 38 p. (MLRA 10:5)
(Money)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

SHORIN, S.N., doktor tekhn. nauk, prof., red.; SHCHEPKIN, S.I., zasl. deyatel' nauki i tekhniki, prof., otv. red.; LASTOVTSEV, A.M., prof. red.; KARAVAYEV, N.M., prof., red.; KOKOREV, D.T., prof., red.; PETROKAS, L.V., prof., red.; RESHCHIKOV, P.M., dots., red.; SOKOLOV, S.N., prof., red.; SOKOLOV, S.I., prof., red.; KHODZHAYEV, A.M., dots., red.; LEBEDEV, K.I., kand. tekhn. nauk, dots. red.; TAIROVA, A.L., red. izd-va; UVAROVA, A.F., tekhn. red.

[Investigation and calculation of heat engineering and power generating processes] Issledovaniia i raschety teploenergeticheskikh i energo-khimicheskikh protsessov; sbornik statei. Pod red. S.N.Shorina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 137 p. (MIRA 14:10)

1. Moscow. Institut khimicheskogo mashinostroyeniya.
(Heat engineering) (Power engineering)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.M., otv. red.; GOLUBNICHIY, I.S., red.; PODGALO, A.S., red.; SETYUKOV, I.M., red.; SEMENKOV, V.N., red.; ROTOVA, R.S., red.; STOLYAROVA, M.T., tekhn. red.

[Course of lectures on economics] Kurs lektsii po politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola." Book 1. 1962. 626 p. (MIRA 15:3)
(Economics—Study and teaching)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.R.; AZIMOV, P.K.

New developments in the geology of the Namangan group of structures. Uzb. geol. zhur. 8 no.5:72-74 '64. (MIRA 18:5)

1. Sredneaziatskiy sovet narodnogo khozyaystva.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.R.; AZIMOV, P.K.

Tectonic regionalization of the Fergana intermontane depression. Uzb. geol. zhur. 9 no.4:5-9 '65. (MIRA 18:9)

1. Institut geologii i razvedki neftyanykh i gazovykh mestorozhdeniy Gosudarstvennogo geologicheskogo komiteta.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

EYDEL'MAN, Z.M.; KHODZHAYEV, A.S.

Dynamics of the photoreaction of mutual transformations of xanthophylls in the process of virescence. Dokl. AN SSSR 150 no.4:928-930 Je '63. (MIRA 16:6)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR. Predstavleno akademikom A.L. Kursanovym.
(Xanthophyll) (Photosynthesis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.S.

Photochemical reaction of the interconversion of xanthophylls during the virescence of seedlings. Bot. zhur. 48 no.10:1525-1527 O '63. (MIRA 17:1)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

EYDEL'MAN, Z.M.; KHODZHAYEV, A.S.

Effect of intermittent illumination on the interconversion of xanthophylls in green etiolated shoots. Dokl. AN SSSR 158 no.1:242-244 S-O '64 (MIRA 17:8)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR. Predstavleno akademikom A.L.Kursanovym.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, A.S.

Nature of the biosynthesis of plastid pigments in the virescence of leaves with different physiological characteristics. Bot. zhur. 48 no.7:1030-1034 Jl '63. (MIRA 16:9)

1. Institut genetiki i fiziologii rasteniy AN UzSSR, Tashkent.
(Chlorophyll) (Carotene) (Xanthophylls)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ZAVODSKAYA, I.S.; KHODZHAYEV, B.R.

Mechanism of reserpine-caused stomach ulcers. Biul. eksp. biol. i med. 57 no. 2:78-80 F '64. (MIRA 17:9)

1. Otdel farmakologii (zav. - dyestvitel'nyy chlen AMN SSSR prof. S.V.Anichkov) Instituta eksperimental'noy meditsiny AN SSSR. Predstavlena deystvitel'nym chlenom AMN SSSR S.V.Anichkovym.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ASADULLIN, A.A.; KHODZHAYEV, L.Sh.

Parametric representation of the product of Green's causal functions in quantum mechanics. Izv. AN Uz. SSR.Ser.fiz.-mat. nauk 8 no.5:63-67 '64. (MIRA 18:2)

1. Institut yadernoy fiziki AN UzSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Ch.

Types of sands of the western part of the Kara Kum Canal and their stabilization by plants. Uch.zap.Chard.gos.ped.inst. no.2: 5-81 '57. (MIRA 12:8)

(Kara Kum Canal) (Sand)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Ch.; ATAKHANOV, O.

"Central Asia" by E.M. Murzaev. Reviewed by Ch. Khodzhaev, O. Atakhanov. Izv. AN Turk. SSR no.3:114-115 '58. (MIRA 11:9)

1. Chardzhouskiy gosudarstvennyy pedagogicheskiy institut.
(Soviet Central Asia--Physical geography)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, CH., CAND GEOG SCI, "TYPES OF SANDS IN THE WESTERN PART OF THE COURSE OF THE KARAKUM CANAL AND THEIR PHYTOMELIORATION." TASHKENT, PUBLISHING HOUSE OF ~~SAGU~~ the [CENTRAL ASIAN STATE UNIVERSITY], 1959. (MIN OF HIGHER ED USSR, CENTRAL ASIAN STATE UNIV IM V. I. LENIN). (KL, 3-61, 206).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

1. KHODZHAYEV, D., Prof.

2. USSR (600)

4. Adult Education - Uzbekistan

7. Work among the inteligentsia, soiuzy 8 no. 5, 1953.

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

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, D.

The Uzbekistan trade-union organizations in the fight to introduce advanced cotton growing methods. Sov.profsoiuzy 3 no.3:24-28 Mr '55. (MIRA 8:4)

1. Predsedatel' Uzbekskogo respublikanskogo soveta professional'nykh soyuzov.
(Uzbekistan--Trade unions) (Uzbekistan--Cotton growing)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, D.

Cities change the landscape. Znan.sila 34 no.3:8-11 Mr '59.
(MIRA 12:4)

1. Uchenyy sekretar' Pravleniya Soyuza arkhitektorov SSSR.
(Cities and towns)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, D.

City, housing, and technology. Znan.sila 35 no.3:2-6 Mr '60. (MIRA 13:6)

1. Uchenyy sekretar' pravleniya Soyuza arkhitektorov SSSR. (Building)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, F.

on deposits of phosphorites, and ferrous, non-ferrous and rare metals in Kara-Kalpakian ASSR.

Soviet Source: N: Pravda, Vostoka, 1947, Tashent
Abstracted in USAF "Treasure Island" Report No. 21251, on file in Library of Congress, Air Information Division.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, F.

Let's discover potentialities for the economy. Sov. torg. 37 no.10:44-45 O '63. (MIRA 17:1)

1. Zamestitel' nachal'nika upravleniya torgovli Samarkandskogo oblastnogo ispolnitel'nogo komiteta.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KEL'BERT, D.L.; KHODZHAYEV, F.Kh., red.; KUVALDIN, V.A., red.; YAKOVENKO, Ye.P., red.

[Safety measures in mechanizing heavy and labor-consuming work in the cotton and bast industries] Tekhnika bezopasnosti pri mekhanizatsii tiazhelykh i trudoemkikh rabot v khlopkovoi i lubianoi promyshlennosti. Tashkent, Gosizdat Uzb.SSR, 1962. 181 p. (MIRA 17:5)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, F.Sh.; SALBIYEV, Kh.B., red.

[Production ties between collective farms in Tajikistan] Mezhkolkhoznye proizvodstvennye sviazi Tadzhikistane. Dushanbe, Dushanbinskii gos. in-t im. T.G.Shevchenko. 1962. 113 p. (MIRA 17:2)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, F.Sh.; SALBIYEV, Kh.B., red.

[Production ties between collective farms in Tajikistan] Mezhkolkhoznye proizvodstvennye sviazi Tadzhikistane. Dushanbe, Dushanbinskii gos. in-t im. T.G.Shevchenko. 1962. 113 p. (MIRA 17:2)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.

11047

USSR/Individual RR Lines 4602.0300 Jul 1947

"The Chardzhou-Kungrad Railroad Line," G. Khodzhayev, 4½ pp, 17-21

"Zh-d Transport" No 7

Details of new line to service Tashauz and Chardzhou Oblasts of Turkmen SSR and Kara-Kalpak ASSR. Reference to populated places through which the line will run, economic importance, construction difficulties and distances between points on the line. Sketch of line on map of region is included in article.

11047

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

S/081/62/000/001/046/067
B158/B101

AUTHORS: Khodzhayev, G., Zemlinskiy, E. Ye., Chernov, M. F., Kvasnikova, K. A., Kul'metov, A., Tsapenko, M. N., Usmanova, D. A.

TITLE: Petroleums from fields in Southern Alamyshik

PERIODICAL: Referativnyy zhurnal. Khimiya, No. 1, 1962, 439-440, abstract 1M79 (Uzb. khim. zh., no. 1, 1961, 55-64)

TEXT: Uzbekian petroleums from the field mentioned have low sulfur content, are resinous, have a paraffin base and have a composition approaching that of petroleums from paleogenic and neogenic beds in the same field. The average clear fraction content is 35%, this boils at up to 300°C; the gas oil fraction (300-400°C) is 11-12%, light oils (400-460°C) 13% and asphalt (>460°C) 33.5%. The oils obtained are of low viscosity and require deparaffination. The solid paraffin yield (on petroleum) from fractions up to 460°C is ≤ 5.1%, and in the individual narrow fractions

Card 1/2

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Petroleums from fields in...

S/081/62/000/001/046/067
B158/B101

up to 20-21%. The paraffin is medium fusible. The total solid paraffin content is 10%. [Abstracter's note: Complete translation.]

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

OSIPOVA, M.I.; KHODZHAYEV, G.; BUROVA, Ye.G.

Naphthenic and paraffinic hydrocarbons of gasoline from crudes of the Khodzhiabad field (layer 1). Uzb.khim.zhur. 8 no.2:26-32 '64. (MIRA 17:5)

1. Institut khimii AN UzSSR.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

RAKHIMOV, D.; KHODZHAYEV, G.

Oxidation of xylenes by a potassium permanganate solution.
Uzb.khim.zhur. 7 no.1:70-75 '63. (MIRA 16:4)

1. Institut khimii AN UzSSR.
(Xylene) (Potassium permanganate)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

BELOPOL'SKAYA, S.I.; KHODZHAYEV, G.; BUROVA, Ye.G.

Aromatic hydrocarbons of petroleum gasoline (Khodzhiabad, area XXII). Uzb. khim. zhur. 7 no.2:47-52 '63. (MIRA 16:8)

(Uzbekistan--Petroleum--Analysis)
(Gasoline) (Hydrocarbons)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

NISARBAYEVA, K.S.; KHODZHAYEV, G.

Synthesis of prehnitic acid and its derivatives. Uzb.khim.zhur. 7 no.3:28-32 '63. (MIRA 16:9)

1. Institut khimii AN UzSSR.
(Prehnitic acid)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ABIDOVA, Z.Kh.; YAKUBOV, A.M.; USMANOV, Kh.U.; KHODZHAYEV, G.Kh.

Paper chromatography used for the separation and determination of aromatic acids. Dokl. AN Uz. SSR no.6:29-32 '57. (MIRA 11:5)

1. Institut khimii AN UzSSR. 2. Chlen-korrespondent AN UzSSR (for Usmanov).

(Acids) (Chromatographic analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.Kh.; RYABOVA, N.D.; DMITRIYEV, P.P.; ALIYEV, Ya.Yu., kand. khim.nauk, otv.red.; LUNEZHEVA, M.S., red.izd-va; GOR'KOVAYA, Z.P., tekhn.red.

[Petroleums of Uzbekistan] Nefti Uzbekistana. Tashkent, Izd-vo Akad.nauk UzSSR, 1958. 241 p. (MIRA 13:2)
(Uzbekistan--Petroleum--Analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ABIDOVA, Z.Kh.; KHODZHAYEV, G.; DMITRIYEV, P.P.; BUROVA, Ye. G.

Determination of the composition of Isbaskent gasoline by combined method. Uzb. khim. zhur. no. 1:53-67 '58. (MIRA 11:7)
(Isbaskent--Gasoline)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ABIDOVA, Z.Kh.; KHODZHAYEV, G. Kh

Synthesis of dibasic and tribasic aromatic acids and their methyl esters. Uzb.khim.zhur. no.6:49-53 '58. (MIRA 12:2)

1. Institut khimii AN UzSSR.
(Acids, Organic)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.Kh.; DMITRIYEV, P.P.; OSIPOVA, M.I.; CHERNOV, M.F.; DRAUDE, A.N.; MAT'YAKUBOV, D.; SAMATOV, A.; SAMSONOVA, L.M.

Petroleum from Khartum fields. Uzb.khim.zhur. no.1:71-77 '59. (MIRA 12:6)

1. Institut khimii AN UzSSR.
(Fergana--Petroleum--Analysis)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

NISARBAYEVA, K.S.; KHODZHAYEV, G.Kh.; BUROVA, Ye.G.

Individual aromatic and six-membered naphthene hydrocarbons of the Khodzhiabad gas condensate. Uzb.khim.zhur. no.6:65-73 '59. (MIRA 13:4)

1. Institut khimii AN UzSSR.
(Hydrocarbons) (Naphthenes)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ABIDOVA, Z.Kh.; KHODZHAYEV, G.Kh.

Method for separating a mixture of mono-, di-, and tribasic aromatic acids. Dokl. AN Uz. SSR no.7:28-31 '59. (MIRA 12:10)

1.Institut khimii AN UzSSR. Predstavleno akad. AN UzSSR S.Yu. Yunusovym.

(Acids, Organic)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

BUROVA, Ye.G.; KHODZHAYEV, G.Kh.

Aromatic and cyclohexane hydrocarbons contained in the gasoline obtained from the oil of the northern Rishtan field. Uzb. khim. zhur. no. 2:69-78 '60. (MIRA 14:1)

1. Institut khimii AN UzSSR.
(Hydrocarbons)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.; ZEMLINSKIY, E.Ye.; CHERNOV, M.F.; KVASNIKOVA, K.A.; KUL'METOV, A.; TSAPENKO, M.N.; USMANOVA, D.A.

Petroleums of the Yuzhnyy Alamyshik field. Uzb. khim. zhur. no.1: 55-64 '61. (MIRA 14:1)

1. Institut khimii AN UzSSR.
(Yuzhnyy Alamyshik--Petroleum)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ABIDOVA, Z. Kh.; KHODZHAYEV, G.

Methods for separating the components of a mixture consisting of benzoic, phthalic, trimellitic, and hemimellitic acids. Uzb. khim. zhur. no.1:69-70 '60. (MIRA 14:4)

1. Institut khimii AN UzSSR.
(Hemimellitic acid) (Phthalic acid) (Benzoic acid) (Trimellitic acid)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.; OSIPOVA, M.I.; CHERNOV, M.F.; MAT'YAKUBOV, D.; KHALIKOV, R.; SAMSONOVA, L.M.

Petroleum of the Andizhan field. Uzb. khim. zhur. no.1:88-93 '60. (MIRA 14:4)

(Andizhan—Petroleum)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.Kh.; ABIDOVA, Z.Kh.

Methods for the separation of a mixture of mono-, di-, and tribasic benzenecarboxylic acids. Uzb.khim.zhur. 6 no.2:62-67 '62. (MIRA 15:7)

1. Institut khimii AN UzSSR.
(Benzenecarboxylic acids)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

S/048/63/027/001/034/043
B125/B102

AUTHORS: Burova, Ye. G., and Khodzhayev, G. Kh.

TITLE: Main principles of investigating mineral oils from Uzbekistan by the method of the Raman scattering of light

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 27, no. 1, 1963, 100 - 101

TEXT: The individual carbon content of the benzines obtained from the Uzbekistan mineral oils by the method of Raman scattering is described. These studies were made to explain the changes in the composition of these mineral oils over the entire cross section and at the edges of the individual productive horizons. The mineral oils of the older beds (Cretaceous) contain a rather high portion of benzine fractions. The content of aromatic hydrocarbons increases with increasing depth of the beds. In all benzines investigated 43 paraffin hydrocarbons, 32 naphthene hydrocarbons, and 37 aromatic hydrocarbons were found by optical methods. n-heptane predominates among the paraffins with ordinary structure, and toluene predominates among the aromatic hydrocarbons. Methylcyclohexane predominates among the cyclo-

Card 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

Main principles of ... S/048/63/027/001/034/043
B125/B102

hexanes of all benzines investigated. There are 1 figure and 1 table.

ASSOCIATION: Institut khimii Akademii nauk UzSSR (Institute of Chemistry of the Academy of Sciences UzSSR)

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

UL'MASOV, A.U., kand. ekon. nauk; UL'MASBAYEV, Sh.N., doktor ekon. nauk; DZHAMALOV, O.B., doktor ekon. nauk; BLINDER, I.B., kand. ekon. nauk; KHODZHAYEV, S.M., kand.ekon. nauk; RASULEV, M., kand. ekon. nauk; SABIROV, Kh.R., kand.ekon. nauk; SAFAYEV, A.S., kand. ekon. nauk; ABDULLAYEV, M.A., kand. ist. nauk; ABDURAIMOV, M.A., kand. ist. nauk, red.; AMINOV, A.M., doktor ekon. nauk, red.; MIL'MAN, Z.A., red.; GOR'KOVAYA, Z.P., tekhn. red.

[History of the national economy of Uzbekistan]Istoriia narodnogo khoziaistva Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR. Vol.1. 1962. 389 p. (MIRA 16:1)

1. Akademiya nauk Uzbekskoy SSR, Tashkend. Institut ekonomiki.
(Uzbekistan--Economic conditions)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

BUROVA, Ye. G.; KHODZHAYEV, G. Kh.

Some results of analyzing Uzbek petroleums by the Raman spectrum method. Izv. AN SSSR. Ser. fiz. 27 no.1:100-101 Ja '63. (MIRA 16:1)

1. Institut khimii AN Uzbekskoy SSR.

(Uzbekistan—Petroleum—Testing)
(Raman effect)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, G.Kh.; SOKOL'NIKOVA, M.D.; RIZAYEVA, M.; Prinimali uchastiye: BELOPOL'SKAYA, S.; CHABROVA, O.; KUL'METOV, A.; SAYDALIKHODZHAYEV, M.

Shur-Tepe oil field. Uzb. khim. zhur. 9 no. 4:45-50 '65. (MIRA 18:12)

1. Institut khimii AN UzSSR. Submitted June 2, 1964.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

Khodzhayev, K. -- "Study of the Biology of the Japanese Yam and Its Increase Under Conditions in Tashkent." Cand Biol Sci, Central Asia State U, 18 Feb 54. (Pravda Vostoka, 16 Jan 54)

SO: SUM 168, 22 July 1954.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

[Japanese yams in Tashkent] IAponskii iams v Tashkente. Tashkent, Akademiia nauk Uzbekskoi SSR, 1955. 38 p. (MLRA 10:6)
(Tashkent--Yams)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

First experience in growing Solanum aviculare. Dokl. AN Uz.SSR no.5:43-45 '58. (MIRA 11:8)

1. Botanicheskiy sad AN UzSSR. Predstavleno chlenom-korrespondentom F.N. Rusanovym. (Nightshade)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

Dioscorea polystachya Thurez under the conditions of Tashkent. Dok.AN Uz.SSR no.10:45-47 '58. (MIRA 11:12)

1. Botanicheskiy sad AN UzSSR. Predstavleno akademikom AN UzSSR S.K. Kanashom.
(Tashkent--Yams)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

North American dogbane in Tashkent. Dokl.AN Uz.SSR no.8: 53-55 '59. (MIRA 12:11)

1. Botanicheskiy sat AN UzSSR. Predstavleno chlenom-korrespondentom AN UzSSR F.N.Rusanovym.
(Tashkent--Dogbane)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

The yams Dioscorea polystachya Thurzn. and D.caucasica Lipsky in Tashkent. Uzb. biol. zhur. no. 6:28-31 '60. (MIRA 14:2)

1. Botanicheskiy sad AN UzSSR.
(TASHKENT--YAMS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.

Biology of flowering in species of the genus Cassia. Uzb. biol. zhur. 7 no.3:18-21 '63. (MIRA 16:9)

1. Botanicheskiy sad AN UzSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Kh. Kh.: Master Med Sci (diss) -- "The treatment of certain itching dermatoses with 'intoxicating' Lagochilus". Samarkand, 1958. 19 pp (Samarkand Med Inst im Acad I. P. Pavlov), 200 copies (KL, No 4, 1959, 132)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.Kh.; KRUGLYAK, B.A.

New machines for unloading cement from railroad cars. Zhel. dor.transp. 43 no.4:70-73 Ap '61. (MIRA 14:3)

1. Nachal'nik gruzovoy sluzhby Tashkentskoy dorogi (for Khodzhayev).
2. Starshiy inzhener sluzhby Tashkentskoy dorogi.
(Cement--Transportation) (Loading and unloading)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Kh.Kh, assistent

Tertiary syphilis according to materials of the Dermatological and Venereal Dispensary of Samarkand Province for a period of ten years (1950-1959) Nauch. trudy SamMI 23:169-172 '63 (MIRA 17:3)

1. Iz kafedry kozhnykh i venericheskikh bolezney Samarkandskogo meditsinskogo instituta i Samarkandskogo kozhno-venerologicheskogo dispansera.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.Sh. (Leningrad)

Free oscillations of a circular ring with equidistant masses.
Prikl. mat. i mekh. 26 no.6:1141-1144 N-D '62. (MIRA 16:1)
(Elastic rods and wires) (Oscillations)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

TRANSFER IMAGE SERIES ... WRITE BELOW THIS LINE

ACCESSION NR: AP4018428 S/0179/64/000/001/0083/0088

AUTHOR: Khodzhayev, K. Sh. (Leningrad)

TITLE: Oscillations of a circular ring with concentrated masses

SOURCE: AN SSSR. Izv. Otd. tekh. nauk. Mekhanika i mashinostroyeniye, no. 1, 1964, 83-88

TOPIC TAGS: oscillation, ring oscillations, centrifugal force, annular oscillations, flywheel, flywheel oscillations

ABSTRACT: A solution is given for the problem of free oscillations of a circular ring with inertialess spans and equidistant alternating concentrated masses (note: see enclosure). The solution of this problem is of interest in studying the oscillations of many machine elements, e.g. the bodies of various types of centrifugal mills, stators in electrical machines, turbine wheels with massive rims etc. Equations are set up for the frequencies and forms of the oscillations. Orig. art. has: 1 figure, 29 formulas.

ASSOCIATION: none

Card 1/3

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, K.Sh. (Leningrad)

Dynamics of vibrating devices with single-gap electromagnetic vibrators. Izv. AN BSSR. Mekh. No.3:60-67 My-Je '65. (MIRA 18:7)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, L. SH.

Defended his Candidates dissertation in the Mechanics and Mathematics Faculty of Moscow State University on 3 July 1952.

Dissertation: "Generalized Newton Potential of an Unlimited Mass."

SO: Vestnik Moskovskogo Universiteta, Seriya Fiziko-Matematicheskikh i Yestestvennykh Nauk, No. 1, Moscow, Feb 1953, pp 151-157: transl. in W-29782, 12 April 54, For off. use only.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, L. SH.

PA 245T70

USSR/Mathematics - Newtonian Potential 11 Oct 52

"Generalized Newtonian Potential of Unlimited Mass," L. Sh. Khodzhayev, Inst of Seismology, Acad Sci Tadzhik SSR

"Dok Ak Nauk SSSR" Vol 86, No 5, pp 893-896

Poisson's equation in functional space is solved by S. L. Sobolev's system of linear equations, which was applied to solution of Cauchy problem for wave equation in functional space and also to theory of almost periodic solutions of wave equation (see Sobolev, "Dok Ak Nauk SSSR" 49, No 1 (1945)). Submitted by Acad S. L. Sobolev 18 Aug 52.

245T70

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, L. SH.

USSR/Mathematics - Cauchy's theorem

Card 1/1 Pub. 22 - 8/47

Authors : Khodzhaev, L. Sh.

Title : Cauchy's problem for a linear parabolic equation in a functional space

Periodical : Dok. AN SSSR 99/1, 31-33, Nov 1, 1954

Abstract : Application of Cauchy's theorem to solution of linear parabolic equations of the functional space S^* is analyzed and explained. The functional space S^* is defined. Three references (1933-1953).

Institution : Tadzhik State University in Stalinabad

Presented by : Academician S. L. Sobolev, August 14, 1954

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, L.Sh.; SHIRINMEKOV, T.A.

Solving the equations of the static elastic field in the class of generalized functions. Dokl. AN Tadzh. SSR no.21:79-82 '57. (MIRA 11:7)

1.Tadzhikskiy gosudarstvennyy universitet im. V.I. Lenina. Predstavleno akademikom AN Tadzhikskoy SSR S. Yusupovoy.
(Elasticity) (Differential equations, Partial)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, L.Sh.

16(1) PHASE I BOOK EXPLOITATION SOV/2660

Vsesoyuznyy matematicheskiy s"yezd. 3rd, Moscow, 1956

Trudy. t. 4: Kratkoye soderzhaniye sektsionnykh dokladov. Doklady inostrannykh uchenykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow. vol. 4: Summary of Sectional Reports. Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959. 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskiy institut.

Tech. Ed.: G.N. Shevchenko; Editorial Board: A.A. Abramov, V.G. Boltyanskiy, A.N. Vasil'yev, B.V. Medvedev, A.D. Myshkis, S.N. Nikol'skiy (Resp. Ed.), A.G. Postnikov, Yu. V. Prokhorov, K.A. Rybnikov, P. L. Ul'yanov, V.A. Uspenskiy, N.G. Chetayev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first two volumes. The second part contains the text of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the title of the paper is cited and, if the paper was printed in a previous volume, reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, functional analysis, probability theory, topology, mathematical problems of mechanics and physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

Makarov, G.I. (Leningrad), V.S. Buldyrev (Leningrad), K.M. Oyunninen (Leningrad), I.A. Molotkov (Leningrad). Quantitative study of the nonstationary diffraction of waves from spherical and cylindrical regions 120

Pomeranchuk, I.Ya. (Moscow). The turning to zero of renormalized charges in theories with point interaction 120

Rumer, Yu.B. (Novosibirsk). Five-dimensional optics 120

Skuridin, G.A. (Moscow). On the theory of the reflection of elastic waves from a curvilinear boundary 122

Stanyukovich, K.P. (Moscow). Relativistic mechanics and the electrodynamics of continuous media 122

Khodzhayev, L.Sh. (Stalinabad). Singular functions of quantum field theory in n-dimensional pseudo-Euclidean space 124

Card 23/34

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

S/020/62/147/006/006/034
B112/B186

AUTHOR: Khodzhayev, L. Sh.

TITLE: Operator of analytic continuation of generalized functions

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 6, 1962, 1296-1299

TEXT: Generalized analytic functions are introduced in the following way: $\mathcal{R}$ denotes the space of those holomorphic functions $\Phi(z)$ which fulfil the inequalities $|\Phi^{(k)}(z)| \leq c^{(k)}/|z|^{k+1}$ for $|z| \to \infty$ $(k = 0,1,2,\ldots)$. A sequence of functions $\Phi_n(z) \in \mathcal{R}$ is said to be convergent toward zero in $\mathcal{R}$ if $z^{k+1}\Phi_n^{(k)}(z)$ tends uniformly to zero for $n \to \infty$. $\mathcal{R}'$ denotes the set of the linear continuous functionals

$$\langle \varrho(z), \Phi \rangle = \int_C \varrho(z)\Phi(z)dz$$

in $\mathcal{R}$, which are called analytic generalized functions. The space $\mathcal{L}$ of

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, L. Sh.

Operator of analytic continuation of generalized functions. Dokl. AN SSSR 147 no.6:1296-1299 D '62. (MIRA 16:1)

1. Ob"yedinennyy institut yadernykh issledovaniy. Predstavleno akademikom N. N. Bogolyubovym.

(Operators(Mathematics)) (Functions)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ACCESSION NO: AP4013025 S/0166/63/000/006/0051/0057

AUTHORS: Alimov, A. D.; Khodzhayev, L. Sh.

TITLE: Integral equation for "pion-pion" photoproduction.

SOURCE: AN UzSSR. Seriya fiziko-matematicheskikh nauk, no. 6, 1963, 51-57

TOPIC TAGS: integral equation, pion photocreation, Mandelstam representation, Cini Fubini approximation, differential method, P wave amplitude

ABSTRACT: An integral equation for the amplitude of the process $\gamma\pi \to \pi\pi$ is derived starting from the Mandelstam representation for the amplitude of pion photocreation at pions (S. Mandelstam. Phys. Rev., t. 112, 1344, 1959) and applying the Cini-Fubini approximation. Application of the differential method of A. V. Yefremov, Chu Hung-yuan', L. V. Shirkov (Preprint OIYaI, D-757, 1961) leads to an integral equation for the amplitude of the P-wave which has the form:

$$F_1(\nu) = \frac{1}{\pi}\int_0^\infty d\nu' \frac{F_1(\nu')\rho^*(\nu')}{\nu' - \nu - i\varepsilon} +$$

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ACCESSION NO: AP4013025

$$+\frac{1}{\pi}\int_0^\infty d\nu' P_1(\nu')\rho^*(\nu')\left[\frac{\nu'+\frac{\nu}{2}+\frac{9}{8}\mu^2}{\left(\nu'+\frac{\nu}{2}+\frac{9}{8}\mu^2\right)^2-\frac{\nu}{\nu+\mu^2}\left(\frac{\nu}{2}+\frac{3}{8}\mu^2\right)^2}\right]. \quad (21)$$

where ρ is the amplitude of the process $\pi K \to \pi K$, $\nu' = \frac{s'}{4} - \mu^2$; $\nu = q^2$; and $s = -(k+q_1)^2 = -(q_2+q_3)^2$, the square of the energy. Orig. art. has: 46 equations and 2 diagrams.

ASSOCIATION: Institut yadernoy fiziki AN UzSSR (Institute of Nuclear Physics AN UzSSR)

SUBMITTED: 24Apr63 DATE ACQ: 03Mar64 ENCL: 00

SUB CODE: PH, NM NO REF SOV: 006 OTHER: 010

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ACCESSION NR: AP4025899 S/0166/64/000/001/0066/0076

AUTHORS: Aliyev, M. K.; Grigor'yants, A. G.; Khodzhayev, L. Sh.

TITLE: Equations for the pion nucleon scattering amplitudes in the region of low energies

SOURCE: AN UzSSR. Izv. Seriya fiziko-matematicheskikh nauk, no. 1, 1964, 66-76

TOPIC TAGS: pion nucleon scattering, low energy region, nucleon antinucleon annihilation, s wave amplitude, p wave amplitude, pion pion interaction, Mandelstam representation, Cini Fubini approximation, differential method

ABSTRACT: A system of coupled integral equations is obtained for the s- and p-waves of the pion-nucleon scattering and for the s- and p-waves of the annihilation channel

$$NN \to \pi\pi,$$

by applying the Cini-Fubini method to the Mandelstam representation. The differential method is used, i.e., the partial amplitudes are expressed in terms of the

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ACCESSION NR: AP4025899

forward- and back-scattering amplitudes. The equations for the partial amplitudes of the pion-nucleon scattering are not presented because of their awkwardness. However, they can be obtained from the derived equations of the form

$$A^{(+)}(s, \bar{s}, t) = \frac{1}{\pi} \int_{(M+\mu)^2}^{\infty} ds' \left[a_0^{(+)}(s') + t a_1^{(+)}(s')\right] \cdot \left(\frac{1}{s'-s} + \frac{1}{s'-\bar{s}}\right) + \frac{1}{\pi} \int_{4\mu^2}^{\infty} dt' \frac{b_0^{(+)}(t')}{t'-t} + C_{A^{(+)}},$$

$$A^{(-)}(s, \bar{s}, t) = \frac{1}{\pi} \int_{(M+\mu)^2}^{\infty} ds' \left[a_0^{(-)}(s') + t a_1^{(-)}(s')\right] \left(\frac{1}{s'-s} - \frac{1}{s'-\bar{s}}\right) + \frac{s-\bar{s}}{\pi} \int_{4\mu^2}^{\infty} dt' \frac{b^{(-)}(t')}{t'-t},$$

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ACCESSION NR: AP4025899

$$B^{(+)}(s, \bar{s}, t) = \frac{g_r^2}{M^2-s} - \frac{g_r^2}{M^2-\bar{s}} +$$

$$+ \frac{1}{\pi} \int_{(M+\mu)^2}^{\infty} ds' \left[\alpha_0^{(+)}(s') + t\alpha_1^{(+)}(s')\right] \left(\frac{1}{s'-s} - \frac{1}{s'-\bar{s}}\right) + \frac{s-\bar{s}}{\pi} \int_{4\mu^2}^{\infty} dt' \frac{\beta_1^{(+)}(t')}{t'-t},$$

$$B^{(-)}(s, \bar{s}, t) = \frac{g_r^2}{M^2-s} + \frac{g_r^2}{M^2-\bar{s}} +$$

$$+ \frac{1}{\pi} \int_{(M+\mu)^2}^{+} ds' \left[\alpha_0^{(-)}(s') + t\alpha_1^{(-)}(s')\right] \left(\frac{1}{s'-s} + \frac{1}{s'-\bar{s}}\right) +$$

$$+ \frac{1}{\pi} \int_{4\mu^2}^{\infty} dt' \frac{\beta_0^{(-)}(t')}{t'-t} + C_{B(-)},$$

where μ and M are the pion and nucleon masses respectively. Here

$$s = -(p_1+q_1)^2 = -(p_2+q_2)^2,$$

$$\bar{s} = -(p_1+q_2)^2 = -(p_2+q_1)^2,$$

$$t = -(p_1+p_2)^2 = -(q_1+q_2)^2,$$

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ACCESSION NR: AP4025899

satisfy the condition

$$s + \bar{s} + t = 2(M^2 + \mu^2),$$

where p_1 and p_2 are the initial and final 4-momenta of the nucleon and q_1 and q_2 — of the pion. The solutions of these and the solutions of the equations for the partial amplitudes of the annihilation channel also contain the term responsible for the pion-pion interaction. Orig. art. has: 130 equations and 3 diagrams.

ASSOCIATION: Institut yadernoy fiziki AN UzSSR (Institute of Nuclear Physics, AN UzSSR)

SUBMITTED: 02Nov63 DATE ACQ: 17Apr64 ENCL: 00

SUB CODE: NP NO REF SOV: 002 OTHER: 008

Card 4/4

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cited state

ABSTRACT [illegible] S. T. Belyayev [illegible]
195[illegible] who derived a formula for the [illegible]

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L 26665-65

fluid properties of the nucleus on going from the [illegible]
the excited [illegible] model [illegible]

ASSOCIATION: [illegible]

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

ISLAMOV, M.F.; KHODZHAYEV, L.Sh.

Regularization of a Chew-Low type equation for the process $\pi + N \rightarrow 2\pi + N$ in the approximation of a fixed nucleon. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 9 no.1:60-68 '65. (MIRA 18:6)

1. Institut yadernoy fiziki AN UzSSR.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

L 41319-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6019605 (A,N) SOURCE CODE: UR/0048/66/030/002/0194/0197

AUTHOR: Berlovich, E.Ye.; Golovin, V.V.; Polyakov, A.G.; Khodzhayev, M.; Khaydarov, T.

ORG: none

60
B

TITLE: Lifetime of the first excited state of Sm-149 /Report, Fifteenth Annual Conference on Nuclear Spectroscopy and Nuclear Structure, held at Minsk, 25 Jan. to 2 Feb. 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 2, 1966, 194-197

TOPIC TAGS: nuclear spectroscopy, nuclear structure, excited state, half life, gamma ray, conversion electron, phonon, samarium

ABSTRACT: The authors have measured the lifetime of the 22.5 keV first excited state of Sm^{149}. The source was obtained by bombarding terbium with 680 MeV protons for 5 hours and separating the europium fraction 5 months later. Eu^{149} decays by electron capture to Sm^{149}. Delayed coincidences were recorded between the gamma rays from the 328 keV transition to the 22.5 keV level and conversion electrons from the decay of that level. The gamma rays were detected with an NaI crystal scintillator, and the conversion electrons, with a thin (0.5 mm) plate of anthracene. The halflife of the 22.5 keV level was found to be $(6.9 \pm 0.5) \times 10^{-9}$ sec, in agreement with the finding of O.C.Kistner, A.C.Li, and S.Monaro (Phys. Rev., 132, 1733 (1963)) and in disagreement with that of R.Leonard, S.Iha, and G.Lang (Bull.Amer.Phys.Soc., Ser.II, 8, No.1,

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L 41319-66

ACC NR: AP6019605

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85 (1963)). The nature of the low-lying levels of Sm^{149} is discussed. The authors favor the description given by the phonon model of L.S.Kislinger and R.A.Sorensen (Rev.Mod.Phys., 35, 853 (1963)), although that model predicts much too high a value for the quadrupole moment of the Sm^{149} ground state. From the reduced transition probabilities from the ground state to the different excited states, measured in the present work and by D.G.Alkhazov, K.I.Yerokhina, and I.Kh.Lemberg (Izv. AN SSSR, Ser. fiz., 27, 1363 (1963)), the root-mean-square deformation of Sm^{149} was calculated and found to be 0.13. That value coincides with the corresponding value for the even-even Sm^{148} core (derived from the reduced probability for the $0^+ \rightarrow 2^+$ transition) and confirms the phonon nature of the low-lying Sm^{149} levels. Orig. art. has: 1 formula and 2 figures.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 008 OTH REF: 013

Card 2/2

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, M. S.:

Khodzhayev, M. S.:

"Dermal-vegetative and unconditioned vegetative-vascular reflexes in tuberculous spondylitis of children." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

Knizhnaya letopis'
No. 21, 1956, Moscow.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, S., inzh. (Leninabad, Tadzhikskaya SSR)

Masters of their own destiny. NTO 2 no.4:22-23 Ap '60. (MIRA 13:6)

1. Master tkatskogo tsekha, chlen Nauchno-tekhnicheskogo obshchestva Leninabadskogo shelkotkatskogo kombinata (for Khodzhayev).
2. Glavnyy dispetcher, uchenyy sekretar' soveta Nauchno-tekhnicheskogo obshchestva Leninabadskogo shelkotkatskogo kombinata (for Prisyazhnyuk).
(Leninabad--Silk manufacture--Technological innovations)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

L 04085-67 EWT(1)/EWT(m) GG/WW

ACC NR: AR6023299 SOURCE CODE: UR/0058/66/000/003/H070/H070

AUTHOR: Khodzhayev, S. A.; Belinskiy, B. A.

54
B

TITLE: Universal automatic apparatus for high-speed measurements of different parameters of liquids

SOURCE: Ref zh. Fizika, Abs. 3Zh486

REF SOURCE: Tr. 1-y Mezhvuz. nauchn. konferentsii po primeneniyu molekul. akust. k issled. veshchestva i v nar. kh-ve. Tashkent, 1964, 209-213

TOPIC TAGS: liquid property, ultrasonic equipment, ultrasonic velocity, ultrasound absorption, fluid viscosity measurement, dielectric constant, dielectric loss, automatic machine/ TS-24 thermostat

ABSTRACT: An automatic pulsed ultrasonic installation has been developed for the measurement of the absorption coefficient, ultrasound velocity, shear viscosity, dielectric constant, and tangent of the dielectric-loss angle. The hydraulic unit of the apparatus consists of an autoclave, a manometer, a press, and a device for pumping out the air and filling with the investigated liquid. The electronic unit serves to measure and automatically record these parameters. A diagram of the longitudinal cross section of the autoclave and a block diagram of the complete apparatus are presented. The quartz radiator is located outside the autoclave, and the ultrasonic oscillations are introduced into the autoclave through an acoustic delay line. The autoclave operates with the viscosimeter piston in a vertical position. As the piston

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is lowered, continuous measurements are made of its position and descent time, the amplitude of the reflected ultrasonic pulse, and the time of its delay. The autoclave is contained in a liquid thermostat, the thermal conditions of which are regulated by an instrument of the TS-24 type. The velocity of ultrasound is determined by the pulsed delay method in an acoustic chamber. Measurement of the capacitance of the cylindrical capacitor placed in the autoclave is by a resonance method with zero-beat indication. The installation permits automatic and continuous measurement and recording of the parameters of the investigated liquid at pressures 0 - 500 atm and temperatures 10 - 200C. I. Nikolayeva. [Translation of abstract]

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

M.

KHODZHAYEV, S., kand.ekonomicheskikh nauk.

Uzbek S.S.R. Avt.transp. 35 no.10:13 O '57. (MIRA 10:10)

1.AN UzSSR. (Uzbekistan--Transportation, Automotive)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

YUNUSOV, S.Yu., akademik glavnyy red.; BEDRINTSEV, K.N., kand.ekon. nauk; KHODZHAYEV, S.M., kand.ekon.nauk; YUN, D.N., kand.ekon. nauk; otv.red.; GAYSINSKAYA, I.G., red.izd-va; YAKOVENKO, Ye.P., red.izd-va; SHARIKOVA, V.P., tekhn.red; GOR'KOVAYA, Z.P., tekhn.red.

[Current status and prospects for the development of industry and transportation in the lower reaches of the Amu Darya (Kara-Kalpak A.S.S.R. and Khorezm Province)] Sovremennoe sostoianie i perspektivy razvitiia promyshlennosti i transporta nizov'ev Amu-Dar'i (KK ASSR i Khorezmskaia oblast'). Tashkent, Izd-vo Akad.nauk Uz.SSR, 1959. 186 p. (Materialy po proizvoditel'nym silam Uzbekistana. No.12) (MIRA 13:2)

1. AN UzSSR (for Yunusov).
(Amu Darya Valley--Industries)
(Amu Darya Valley--Transportation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, S.M.; AMINOV, A.M., doktor ekon. nauk, prof., otv. red.; PATLAKH, B., red.; KARABAYEVA, Kh., tekhn. red.

[Transportation of Uzbekistan] Transport Uzbekistana. Tashkent, izd-vo Akad. nauk Uzbekskoi SSR, 1961. 201 p. (MIRA 15:6)
(Uzbekistan--Transportation)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

DZHAMALOV, O.B., doktor ekon.nauk, prof., otv. red.; BEDRINTSEV, K.N., doktor ekon. nauk, red.; ZAYTSEV, V.D., kand. ekon. nauk, red.; KHODZHAYEV, S.M., kand. ekon. nauk, red.; DESYATNIK, F.M., red.

[Problems of the economic development of Uzbekistan] Problemy razvitiia ekonomiki Uzbekistana. Tashkent, Izd-vo AN UzSSR, 1963. 222 p. (MIRA 17:11)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut ekonomiki. 2. Chlen-korrespondent AN Uzbek.SSR (for Bedrintsev).

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh. Kh.

"The Bone Marrow in Brucellosis." Sub 3 May 51, Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951. (Cand. Medical Sci.)

SO: Sum. No. 480, 9 May 55.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

MUSABAYEV, I.K.; KHODZHAYEV, Sh.Kh.

Russian streptomycin therapy of typhoid fever. Zhur.mikrobiol. epid.i immun. no.1:45 Ja '54. (MLRA 7:2)

1. Iz kliniki infektsionnykh bolezney Tashkentskogo instituta usovershenstvovaniya vrachey. (Streptomycin) (Typhoid fever)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, SH.

KHODZHAYEV, Sh., dotsent (Tashkent)

Diagnosis of cancer of the distal part of the large intestine. Klin.med. 35 [i.e.34] no.1 Supplement:53 Ja '57. (MIRA 11:2)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. I.K.Musabayev) Tashkentskogo instituta usovershenstvovaniya vrachey na baze pervoy gorodskoy infektsionnoy bol'nitsy (galvnyy vrach - zasluzhennyy vrach Uzbekskoy SSR M.Kh.Kashimov)
(RECTUM--CANCER)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh.

Reactions of immunized organism to repeated infection with Brucella. Report No.1: Zhur.mikrobiol. epid. i immun. 29 no.9:97-99 S'58 (MIRA 11:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(BRUCELLOSIS, immunology
eff. of repeated infect. on immunized organism (Rus))

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh., dots. (Tashkent)

Hematological changes in brucellosis. Klin.med. 36 no.6:56-62 Je '58 (MIRA 11:7)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. I.K. Musabayev) Tashkentskogo instituta usovershenstvovaniya vrachey.
(BRUCELLOSIS, blood in
hematol. changes (Rus))

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh.Kh.; CHERNYSHEVA, N.I.

Morphological characteristics of the course of infection processes in immune guinea pig organism following single and repeated infections. Zhur.mikrobiol.epid.i immun. 30 no.10:67-72 O '59. (MIRA 13:2)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(BRUCELLOSIS immunol.)
(VACCINATION)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh.

Studies on vaccinal immunity in cases of repeated infection of guinea pigs with Brucella melitensis cultures. Biul. eksp. biol. i med. 47 no.4:90-95 Ap '59. (MIRA 12:7)

1. Iz brutselleznogo otdela(zav. - prof. P.A. Vershilova) Instituta epidemiologii i mikrobiologii imeni N.F. Gamalei (dir. - prof. S.N. Muromtsev) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR G.P. Rudnevym).

(BRUCELLOSIS, immunol.
melitensis, vacc. immun. during repeated infect. in guinea pigs (Rus))

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh. Kh., Doc Med Sci -- (diss) "Clinical aspect of relapses and the course of brucellosis in the immune organism. (Clinico-experimental)." Moscow, 1960. 35 pp; (Academy of Medical Sciences USSR); 230 copies; price not given; list of author's works at end of text (10 entries); (KL, 18-60, 155)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh., kand.med.nauk

Hemopoiesis in vaccinotherapy for brucellosis. Lech. infekts. bol'. no.3:223-231 '57. (MIRA 14:5)
(HEMOPOIETIC SYSTEM) (BRUCELLOSIS)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5

KHODZHAYEV, Sh.Kh., dotsent

Pathogenesis in recurrences of brucellosis and antibiotic therapy for them. Lech. infekts. bol'. no.4:189-198 '60. (MIRA 14:5)
(BRUCELLOSIS) (ANTIBIOTICS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722120020-5"