"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.I.

KURASHOV, S.V.; KARYNBAYEV, S.R.; SHUPIK, P.L.; DISKALENKO, A.P.; MAMAMTAVRISHVILI, D.G.; KRAUSS, A.A.; DANILOV, Yu.Ye.; SAGATOV, R.S.; PEN'KOVSKIY, B.R.; NEPESOV, D.N.; INSAROV, I.A.; AKHUNDOV, V.Yu.; KHRIMLYAN, A.I.; ~~AKHMEDOV, K.I.~~; BAKULEV, A.N.; NESTEROV, A.I.; DAVYDOVSKIY, I.V.; GRASHCHENKOV, N.I.; DEMISEVICH, A.Y.; KISELEV, K.V.; KRIVENKO, L.M.; MINZHASAROVA, Z.; YAKOVLEV, M.D.; KOZLOV, I.I.; POKROVSKIY, D.V.; MITERNEV, G.A.

Discussions. Sov.zdrav. 16 no.1:18-68 Ja '57. (MLRA 10:2)

1. Ministr zdravookhraneniya RSFSR. (for Kurashov). 2. Ministr zdravookhraneniya Kazakhskoy SSR. (for Karyngayev). 3. Ministr zdravookhraneniya Ukrainskoy SSR (for Shipik). 4. Ministr zdravookhraneniya Moldavskoy SSR (for Diskalenko). 5. Ministr zdravookhraneniya Gruzinskoy SSR.(for Mamamtavrishvili). 6. Ministr zdravookhraneniya Latviyskoy SSR. (for Krauss). 7. Minister zdravookhraneniya Kirgizskoy SSR (for Danilov). 8. Ministr zdravookhraneniya Uzbekskoy SSR. (for Sagatov) 9. Ministr zdravookhraneniya Litovskoy SSR. (for Pen'kovskiy). 10. Ministr zdravookhraneniya Turkmenskoy SSR. (for Nepesov). 11. Ministr zdravookhraneniya Belorusskoy SSR. (for Insarov). 12. Ministr zdravookhraneniya Azerbaydzhanskoy SSR. (for Akhundov). 13. Ministr zdravookhraneniya Armyanskoy SSR. (for Khrimlyan). 14. Ministr zdravookhraneniya Tadzhikskoy SSR. (for Akhmedov). 15. Prezident Akademii meditsinskikh nauk SSSR. (for Bakulev). 16. Vitse-prezident Akademii meditsinskikh nauk SSSR. (for Nesterov). 17. Chlen Prezidiuma Akademii meditsinskikh nauk SSSR. (for Davydovskiy). 18. Predsedatel' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya SSSR (for

(Continued on next card)

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KURASHOV, S.V. ---- (continued) Card 2.

19. Sekretar' Borisovskogo gorodskogo komiteta Kommunisticheskoy partii Belorussii. (for Denisevich). 20. Zamestitel' predsedatelya Soveta Ministrov Belorusskoy SSR (for Kiselev). 21. Zamestitel' predsedatelya Krasnodarskogo krayispolkoma (for Krivenko). 22. Zamestitel' predsedatelya Karagandinskogo oblaspolkoma. (for Minzhazarova). 23. Zamestitel' predsedatelya Gosplana SSSR. (for Yakovlev) 24. Zaveduyushchiy otdelom sotsial'nogo strakhovaniya Vsesoyuznogo TSentral'nogo Soveta professional'nykh soyuzov (for Kozlov). 25. Predsedatel' TSentral'nogo Komiteta profsoyuza meditsinskikh rabotnikov (for Pokrovskiy). 26. Predsedatel' Ispolkoma Soyuza Obshchestv Krasnogo Kresta i Krasnogo Polumesyatsa SSSR (for Miterev)

(PUBLIC HEALTH)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

2933 Akhmedov, K. K.

Kharakteristike izmeneniy vysshey nervnoy deyatel'nosti pri kislorodnom golodanii. (Eksperii. issledovaniye). M., 1954. 15 s. 20 sm. (Akad. med. nauk SSSR). 110 ekz. B. Ts. - (54-56654)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.M.

Device for quality control of raw silk. Tekst. prom. 16 no.3:60 Mr '56. (MLRA 9:6)

1.Glavnyy inzhener Nukhinskogo shlekovogo kombinata imeni Lenina.
(Silk manufacture--Quality control)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

ABDURASULEVA, A.R.; AKHMEDOV, K.N.

Alkylation of phenol and p-cresol with cyclohexyl and cyclopentyl chlorides. Uzb.khim.zhur. 8 no.5:31-37 '64. (MIRA 18:5)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K. R.

Akhmedov, K. R. - "The biology of the Spanish sparrow in Tadzhikistan and the damage it causes," Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 12, 1949, p. 29-31.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

1. AKHMEDOV, K. R.

2. USSR (600)

4. Tajikistan - Rollers (Birds)

7. Biology and economic significance of European roller in Tajikistan. Soob. TFAN SSSR no. 22, 1950.

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

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.R.

Some new data on magpies in Tajikistan. Izv.Otd.est.nauk AN Tadzh.SSR no.1:83 '52. (MLRA 9:10)

1.Institut zoologii i parazitologii Akademii nauk Tadzhikskoy SSR. (Tajikistan--Magpies)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.R.

Ecology and economic significance of the mocking bird Hippolais Caligata rama Sykes in the forest plantations of southern Tajikistan. Trudy AN Tadzh.SSR 21:131-134 '54. (MLRA 9:12)

1. Institut zoologii i parazitologii imeni akademika Ye.N.Pavlovskogo Akademii nauk Tadshikskoy SSR.
(Tajikistan--Mockingbirds)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

FARAMAZOV, S.A.; KOSENKOV, V.G.; AKHMEDOV, K.R.

Stabilizing the draft of pipestill flues. Nefteper. i neftekhim. no.4:45-47 '65. (MIRA 18:5)

1. Bakinskiy neftepererabatyvayushchiy zavod im. XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, Kh.

Oil and gas potentials of Paleozoic formations. Uzb. geol. zhur. 9 no.2:70-72 '65. (MIRA 18:6)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy Gusudarstvennogo geologicheskogo komiteta SSSR.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K. S.

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Synthetic Resins and Plastics

(2) Chem

Swelling process in high-polymer compounds. K. S. Akhmedov and S. Nabikhodzhaev. *Doklady Akad. Nauk Uzbek.S.S.R.* 1949, No. 4, 13-18(in Russian).—The swelling process of high-mol. compds. was studied in an app. constructed of 2 calibrated parallel tubes which are both connected at one end with a vessel in which the swelling takes place, while at the other end the tubes are connected to a vessel for the swelling liquid used in the expt. The expt. is performed by suitable placement of the app. so as to establish the original vol., after which the app. is turned over and the swelling is readily measured by the calibrations on the connecting tubes. Polyvinyl chloride was studied in $ClCH_2CH_2Cl$, $PhNO_2$, pyridine, furfural, and xylene at 31.2°, the variable rates of swelling being given in tabular form. Comparison of the data for $ClCH_2CH_2Cl$ at 31.2° and 40° permits an estn. of the change of bond energy of the polymer in this temp. interval at some 890 cal. The swelling effect of the various solvents corresponds qualitatively with their elec. moments. G. M. K.

8 31-54 ggp

Lab. Colloid Chem., Chemical Faculty, ~~Sredneyaya~~ SREDEAZIAT State U. - 1949
CENT. ASIAN " " im. V. I. LENIN

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K. S.

21814 ZAPROMETOV, B. G. i AKHMEDOV, K. S.

Obogashcheniya okhry elektroforezom. - V ogl. 1 - y aut. B. G. Zaprometov. Doklady Akad. nauk USSR, 1949, No. 5, s. 24-28. Rezyume na uzbek. yaz. Bibliogr: 9, NAZV.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S., dotsent, kandidat khimicheskikh nauk.

Determination of the binding energies of high-polymer chains. Heats of swelling and solution of polyvinyl chloride and gum. Biul.SAGU no.26:17-23 '49. (MLRA 9:5)
(Thermochemistry) (Ethylene) (Gums and resins)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; DEMIKHOVSKAYA, M.B.

Study of the swelling of high polymers. Kinetics of the swelling and solution of rubber in liquid mixtures and their thermal dependence. Trudy SAGU no.27:31-38 '51. (MLRA 9:5)
(Rubber)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

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5

USSR

Effect of the nature of liquids on the deformation shear of polyvinyl chloride gels. K. S. Akhmedov and B. Z. Gantiev. *Trudy Sredneaziat. Gosudarst. Univ., Khim. Nauki* 5, No. 40, 27-31(1953); *Referat. Zhur., Khim.* 1954, No. 39340.—The strength of polyvinyl chloride gels in pyridine, nitrobenzene, dichloroethane, tritolyl phosphate, and their mixts. was detd. at 0 and 20° as affected by concn. and time. The strength of the gel was characterized by the terminal shear force (P_m) detd. in a conical plastometer (cf. Rebinder and Semenenko, *C.A.* 43, 4928*f*). The nature of the org. liquids materially affected gel formation and strength. Highest P_m occurred in gels obtained in tritolyl phosphate and were lowest in pyridine. P_m decreased with increasing temp., the P_m temp. coeff. being higher in mixed solvent than in pure liquids. M. Hosch

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; POGOREL'SKIY, K.V.

New apparatus for measuring swelling and viscosity. Izv. AN Uz. SSR no. 9:85-89 '56. (MIRA 14:5)
(Polymers—Testing)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.

USSR/Chemistry of High Molecular Substances. F

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19405.

Author : K.S. Akhmedov
Inst : Academy of Sciences of Uzbek SSR.
Title : Determination of True Swelling of High Polymers.

Orig Pub : Dokl. AN UzSSR, 1956, No 7, 21-24.

Abstract : The kinetics of simultaneous swelling and dissolving of polyvinyl chloride in dichlorethane, nitrobenzene and pyridine was studied, and the strong influence of the nature of the solvent on these processes was shown. The magnitude of the true swelling $W_u = W_t/(m - a)$ (W_t is the quantity of the liquid absorbed at the moment t; m is the weighed sample; a is the solubility of the weighed sample during the swelling) depends linearly on the time (with the exception of the initial part of the curve). However, the slant of the curve depends on the nature of the solvent and the temperature.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.

Heat of swelling and heat of solution of polyethylene, polyvinyl chloride, perchloro vinyl, and polystyrene in dichloroethane and toluene. Uzb. khim. zhur. no. 1:19-25 '58. (MIRA 11:7)

(Heat of solution)
(Polymers)
(Heat of swelling)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.

Scientific activity of B.G. Zaprometov. Uzb. khim. zhur. No. 1:41-46 '58. (MIRA 11:7)

(Zaprometov, Boris Georgevich)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; POGOREL'SKIY, K.V.

Various methods for measuring viscosity at different temperatures. Dokl. AN Uz. SSR no.2:35-37 '58. (MIRA 11:5)

1.Sredneaziatskiy gos. universitet im. V.I. Lenina. Predstavleno akad. AN UzSSR S.Yu. Yunusovym.
(Viscosity)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; SHPILEVSKAYA, I.N.

Viscosity of polyvinyl chloride and perchlorated resin solutions. Uzb. khim. zhur. no.3:51-55 '58. (MIRA 11:9)

1. Sredneaziatskiy gosudarstvennyy universitet im. V.I. Lenina. (Polymers) (Viscosity)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.

In honor of professor Sh.T. Talipov. Uzb. khim. zhur. no.4:83-85 '58. (MIRA 11:12)

(Talipov, Shukur Talipovich, 1908-)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; AYKHODZHAYEV, B.I.

Investigation of properties of hydrolyzates from cotton hulls.
Uzb.khim.zhur. no.5:57-61 '58. (MIRA 12:2)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.
(Cotton) (Hydrolysis)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

VIRSKAYA, G.M.; AKHMEDOV, K.S.; GNEZDILOVA, R.A.

Swelling and dissolving of polyvinyl chloride powder in dichloroethane and dioxane. Uzb.khim.zhur. no.6:35-39 '58. (MIRA 12:2)

1. Sredneaziatskiy gosudarstvennyy universitet im. V.I.Lenina.
(Ethylene) (Ethane) (Dioxane)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

SHPILEVSKAYA, I.N.; AKHMEDOV, K.S.

Effect of plasticizers on the viscosity of polyvinyl chloride solutions. Dokl. AN Uz. SSR no.8:21-25 '58. (MIRA 11:9)

1.Sredneaziatskiy gosudarstvennyy universitet im. V.I. Lenina. Predstavleno akademikom AN UzSSR S. Yu. Yunusovym.
(Plasticizers) (Ethylene) (Polymers)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

VIRSKAYA, G.M.; AKHMEDOV, K.S.; DAMINOVA, M.

Swelling and dissolving of polymer powders in vapors and liquids. Uzb.khim.zhur. no.5:35-37 '59. (MIRA 13:2)

1. Sredneaziatskiy gosuniversitet im. V.I.Lenina.
(Polymers) (Ethylene)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

S/081/60/000/013(II)/003/004
A006/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 13, (II), p. 740, # 55503

AUTHOR: Akhmedov, K.S.

TITLE: Structural-Mechanical Properties of the Solutions and Gels of Some Synthetic Polymers

PERIODICAL: Uzb. Khimiya zh. Usb. khim. zh., 1959, No. 6, pp. 34-39 (Uzbekian resumé)

TEXT: The author studied the ultimate shear stress of polyvinylchloride gels in pyridine, nitrobenzene, tricresylphosphate and chlorbenzene, and established that its magnitude varied differently with the gel concentration, depending on the nature of the solvent. An increase in the ultimate shear stress of a polymer with the concentration is the higher the less the solvent interacts with the polymer.

Yu. Lipatov

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

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

YUNUSOV, L.Yu.; AKHMEDOV, K.S.

Absorption of water by takyrs of the Turkmen S.S.R. Dokl. AN Uz.SSR no.8:37-39 '59. (MIRA 12:11)

1. Sredneaziatskiy gosuniversitet im. V.I.Lenina. Predstavleno chlenom-korrespondentom AN UzSSR Kh.U.Usmanovym.
(Turkmen--Takyr) (Soil percolation)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; SHPILEVSKAYA, I.N.

Relation between the nature of the solvents and the viscosity of polyethylene, polyvinyl chloride, and perchlorovinyl. Uzb. khim. zhur. no. 2:19-22 '60. (MIRA 14:1)

1. Sredneaziatskiy gosuniversitet im. V.K. Lenina.
(Ethylene) (Polyethylene)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

S/081/61/000/021/092/094
B106/203

AUTHORS: Shpilevskaya, I. N., Akhmedov, K. S.

TITLE: Examination of relaxation properties of polyvinyl-chloride gels in chloro benzene and dichloro ethane

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 504, abstract 21R34 (Uzb. khim. zh., no. 3, 1961, 29 - 35)

TEXT: The deformation properties of polyvinyl-chloride gels in dichloro ethane and chloro benzene as a function of their concentration were examined in an apparatus with coaxial cylinders, type Shvedov apparatus. The numerical values of the rigidity modulus (E_1) and the elasticity modulus (E_2), the real relaxation viscosity (η_1) and the viscosity of elastic deformation (η_2), as well as the relaxation periods were calculated. It was shown that with rising concentration of polyvinyl-chloride gels in chloro benzene and dichloro ethane the values of the elasticity-viscosity constants increase. For gels in chloro benzene, this increase is higher than in dichloro ethane. This fact points to a higher intermolecular energy of interaction of the

Card 1/2

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

Examination of relaxation... S/081/61/000/021/092/094
B106/B203

molecules of polyvinyl chloride in chloro benzene and to their lower solvation in this solvent. [Abstracter's note: Complete translation.]

Card 2/2

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; SHPILEVSKAYA, I.N.

Temperature influence on the viscosity and mechanical properties of poly (vinyl chloride) solutions. Uzb.khim.zhur. no.4:42-49 '61. (MIRA 14:8)

1. Tashkentskiy gosudarstvennyy universitet V.I.Lenina.
(Ethylene)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

S/081/62/000/020/038/040
B144/B101

AUTHORS: Shpilevskaya, I. N., Akhmedov, K. S.

TITLE: Effect of plasticizers on the structural-mechanical properties of polyvinyl chloride gels

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1962, 590, abstract 20R12 (Uzb. khim. zh., no. 6, 1961, 31-35 [Summary in Uzb.])

TEXT: The effect of plasticizer additions (PL) (0-50%) of dimethyl phthalate and dibutyl phthalate on the viscoelastic properties of 5% gels, and of dimethyl phthalate, diethyl phthalate, dibutyl phthalate and tricresyl phthalate on the shear strength of 8% polyvinyl chloride (PVC) gels in dichloro ethane and chloro benzene is investigated. It is shown that addition of PL to dichloro ethane (a good solvent for PVC) increases the viscoelastic parameters of 5% PVC gels; the shear strength of the 8% gel rises with increasing volume concentrations of PL in the order tricresyl phosphate > dibutyl phthalate > diethyl phthalate > dimethyl phthalate. In PVC gels in chloro benzene (poor solvent for PVC) the

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nature of the PL effect depends on their concentration (additions of $\leqslant$ 10% dibutyl phthalate and of 50% tricresyl phosphate show a gelating effect increasing the viscoelastic characteristics and the shear strength, additions of $\geqslant$ 10% dimethyl phthalate, diethyl phthalate and dibutyl phthalate reduce the above-mentioned parameters). [Abstracter's note: Complete translation.]

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; POGOREL'SKIY, K.V.

New polymer preparations for artificial aggregation of soils and other dispersed systems. Uzb.khim.zhur. 6 no.2:43-46 '62. (MIRA 15:7)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.
(Polymers)
(Soil stabilization)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

KHAMRAYEV, S.S.; ARIPOV, E.A.; AKHMEDOV, K.S.

Swelling of Sierozem (Grey desert soil) treated by artificial soil aggregation agents. Uzb.khim.zhur. 6 no.6:11-17 '62. (MIRA 16:2)

1. Institut khimii AN UzSSR.
(Soil stabilization)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; (Tashkent); ZAYNUTDINOV, S.Z. (Tashkent); SIDOROVA, T.M. (Tashkent)

Polymer preparations of the series.K. Priroda 51 no.10:58-59 O '62. (MIRA 15:10)

(Acrylonitrile) (Soil conditioners)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

KHAMRAYEV, S.S.; ARIPOV, E.A.; AKHMEDOV, K.S.

Electron microscope study of soil aggregation under the effect of polymeric preparations. Khim. i fiz.-khim. prirod. i sint. polim. no.1:226-230 '62 (MIRA 18:1)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S., otv. red.; KISELEVA, V.N., red.; KARABAYEVA, Kh.U., tekhn. red.

[Bentonites of Uzbekistan] Bentonity Uzbekistana. Tashkent, Izd-vo AN UzSSR, 1963. 195 p. (MIRA 17:3)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut khimii.
2. Chlen-korrespondent AN Uzb.SSR (for Akhmedov).

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

ARIPOV, E.A.; KHAMRAYEV, S.S.; AKHMEDOV, K.S.

Effect of the preparation K-4 on structure formation in clays. Pochvovedenie no.7:66-72 Jl '63. (MIRA 16:8)

1. Khimicheskiy institut AN Uzbekskoy SSR.
(Soil conditioners) (Clay)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; SHPILEVSKAYA, I.N.

Structural and mechanical properties of concentrated solutions and gels of polyethylene, polyvinyl chloride, and perchlorovinyl. Vysokom.soe. 5 no.6:914-920 Je '63. (MIRA 16:9)

1.Tashkentskiy gosudarstvennyy universitet im. V.I.Lenina.
(Ethylene polymers)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

ARIPOV, E.A.; KHAMRAYEV, S.S.; BAKIYEVA, M.B.; ARTYKBAYEVA, Kh.Yu.; AKHMEDOV, K.S.

Effect of the artificial soil aggregation agent K-4 on gray desert soils having different degrees of dispersity. Uzb. khim. zhur. 7 no.4:35-40 '63. (MIRA 16:10)

1. Institut khimii AN UzSSR.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

KHAMRAYEV, S.S.; ARIPOV, E.A.; AKHMEDOV, K.S.

Aggregation in solutions of the hydrolysis products of polyacrylonitrile. Koll.zhur. 25 no.6:716-717 N-D '63. (MIRA 17:1)

1. Institut khimii AN UzSSR, laboratoriya kolloidnoy khimii, Tashkent.

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

KADYROV, N.K.; MIRSALIMOV, A.M.; ARIPOV, E.A.; AKHMEDOV, K.S.

Effect of pH of the medium and of temperature on cross-linking in solutions of water-soluble polymers. Uzb. khim. zhur. 8 no.6:55-60 '64. (MIRA 18:4)

1. Institut khimii AN UzSSR.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

ARIPOV, E.A.; SARUKHANOV, M.A.; AKHMEDOV, K.S.

Effect of the pH of a medium on the interaction of an artificial soil aggregation agent with montmorillonite clay. Uzb.khim.zhur. 8 no.2:62-65 '64. (MIRA 17:5)

1. NIITsF Goskhimneftekomiteta pri Gosplane SSSR.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

ACC NR: AR5020049 SOURCE CODE: UR/0081/65/000/012/N018/N018

AUTHOR: Glekel', F.L.; Akhmedov, K.S.

ORG: none

TITLE: Results of the reaction of compound PAA-1 and calcium oxide hydrate

SOURCE: Ref. zh. Khimiya, Abs. 12M163

REF SOURCE: Dokl. AN UzSSR, no. 12, 1964, 30-31

TOPIC TAGS: synthetic material, cement, hardness

TRANSLATION: The introduction of compound PAA-1, a polyacrillic amid compound in amounts of 0.01 to 0.10% (of cement weight) into Portland cement (PC), increases the primary mechanical strength of cement stone. This is due to the chemical reaction of the compound and the calcium minerals contained in PC, first occurring with the precipitated hydrate of calcium oxide during the hydration of calcium silicates, and forming calcium polyacrylates with a high lime-saturation which is not soluable in water. This has a hardening effect on PC, because the elimination of hydrolytic lime from the sphere of reaction contributes to a quicker hardening. Ye. Mircpol'skaya.

SUB CODE: 07, 11

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; SHPILEVSKAYA, I.N.; MUFAZALOVA, R.S.

Structural and mechanical properties of concentrated solutions of the K-4 preparation in the presence of fillers: alunite, aluminium oxide, and silica gel, and the production of dusts. Nauch.trudy TashGU no.257.Khim.nauki no.12:64-68 '64.

(MIRA 18:8)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

PETROVA, M.V.; AKHMEDOV, K.S.

Effect of exchange cations on the hydrophilic nature of Az-Kemar bentonite. Naukh.trudy TashCU no.257.Khim.nauki no.12:69-74 '64. (MIRA 18:8)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.S.; VIRSKAYA, G.M.; SAIDOV, P.

Variation of maximum shearing stress in polyvinyl chloride gels over a period of time and as a result of the addition of plasticizers. Nauch. trudy TashGU no.257. Khim. nauki no.12:75-77 '64. (MIRA 18:8)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

VITRSKAYA, G.M.; AKHMEDOV, K.S.; ISLAMKHODZHAYEVA, A.

Temperature dependence of the swelling of polyvinyl chloride in diethyl oxalate and its mixture with dichloroethane. Nauch.trudy TashGU no.257.Khim.nauki no.12:78-82 '64.

(MIRA 18:8)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

NABIKHODZHAYEV, S.; AKHMEDOV, K.S.

Effect of the temperature and nature of liquids on the kinetics of swelling and dissolution of polyvinyl chloride. Nauch.trudy TashGU no.257.Khim.nauki no.12:82-88 '64. (MIRA 18:8)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

PETROVA, M.V.; SOSNOVSKAYA, Ye.Yu.; AKHMEDOV, K.S.

Interaction between the K-4 polyelectrolyte and Keles bentonite suspensions. Nauch.trudy TashGU no.257.Khim.nauki no.12:89-93 '64. (MIRA 18:8)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

PETROVA, M.V.; AKHMEDOV, K.S.

Interaction between the K-4 polymeric preparation and the suspensions of natural and cation-substituted forms of bentonite. Uzb. khim. zhur. 9 no. 4:58-63 '65. (MIRA 18:12)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina. 2. Chlen-korrespondent AN UzSSR (for Akhmedov). Submitted July 29, 1964.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K. T.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

One theorem in the theory of branching of a solution for a class of nonlinear integral equations. Uch.zap.agu no.6:3-11 '55.
(MLRA 9:11)

(Integral equations)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

Analytical continuation of the solution of a nonlinear equation in B-spaces. Uch. zap. AGU no.12:3-18 '56. (MLRA 10:4)
(Integral equations)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

AKHMEDOV, K.T.

Algebraic continuation of the solution of nonlinear equations in Banach spaces. Uch. zap. AGU no.1:3-17 '57. (MIRA 10:12)
(Differential equations)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

Nekrasov-Nazarov's analytical method in the nonlinear analysis.
Usp.mat.nauk 12 no.4:135-153 Jl-Ag '57. (MIRA 10:10)
(Integral equations) (Spaces, Generalized)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

20-1-1/54

AUTHOR: Akhmedov, K.T.

TITLE: On Cauchy's Problem for a Class of Nonlinear Equations in Functional Spaces. (Okadache Koshi dlya odnogo klassa nelineynykh uravneniy v funktsional'nykh prostranstvakh)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 115, Nr 1, pp. 9-12 (USSR)

ABSTRACT: The present paper investigates an equation of the type $du/dt = A(t, u, du/dt) + B(t,u)$, where u signifies an element of the Banakh space $\mathfrak{X}$ (du/dt also belongs to $\mathfrak{X}$), A - an operator analytical with regard to t,u. The solution sought here for the above-mentioned equation shall satisfy the condition $u/_{t=t_0} = u_0$.

The equation is transformed by a substitution. Thereby the problem is reduced to the problem for the transformed equation. For simplicit-'s sake the author here examines an integrodifferential equation the form $\partial u/\partial t = K(t,x,s,u(s))(\partial u/\partial t)ds + f(t,x,u(x))$. The equat a which is specialized for this special case is explicitely tten down. The author here gives three theorems and their proofs, one of them reads as follows: When one is no eigen number of the nucleus $K^{0,0}_{t_0,u_0}(x,s)$, the here-examined problem has a unique holomorphic solution, so that $\lim_{t \to t_0} u(x,t) = u_0(x)$ applies. There is no figure.

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On Cauchy's Problem for a Class of Nonlinear Equations in Functional Spaces. 20-1-1/54

ASSOCIATION: Moscow State University imeni M.V.Lomonosov (Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova)

PRESENTED: By S.L. Sobolev, Academician, January 21, 1957.

SUBMITTED: January 11, 1957

AVAILABLE: Library of Congress

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

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AUTHOR: Akhmedov, K. T.

TITLE: The algebraic continuability of the solution of a non-linear operator equation in the Banach space

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1961, 75, abstract 11B400. (Uch. zap. Azerb. un-t. Fiz.-matem. i khim. ser., 1958, no. 1, 3-13)

TEXT: Considered is the equation $u = F(u, \lambda)$, where u is an element of the Banach space X, $F(u, \lambda)$ is an operator in X, analytic with respect to u, analytically depending on the complex parameter λ. Considered is the possibility of a local continuation of the solution (λ_0, u_0) with respect to the parameter λ. The results of the referred paper represent a supplement to § 4 of the summary of the author (RZh Mat, 1959, 474). One considers the case where

$$\frac{\partial F(u_0, \lambda_0)}{\partial \lambda}$$ vanishes on the eigenmanifold of the operator B^*,

where

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AKHMEDOV, K.T.

Multiple-valued solvability of a Cauchy problem for an ordinary differential equation. Uch.zap.AGU no.2:3-9 '58. (MIRA 12:1)

(Differential equations)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

Analytical continuations of solutions of nonlinear operator equations in Banach spaces. Uch. zap. AGU no.4:3-15 '58. (MIRA 12:1)
(Functional analysis)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

SOV/20-128-3-2/58

16(1)

AUTHOR: Akhmedov, K.T.

TITLE: Particular Solutions to One Class of Integro-Differential Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 3, pp 443-446 (USSR)

ABSTRACT: The author considers the equation

$$(1) \quad \frac{\partial u}{\partial t} = t^p \int_0^1 \sum_{k=0}^{m-1} K_k(x,s) u^k \frac{\partial u}{\partial t} ds + t^{p-1} \int_0^1 \sum_{k=0}^{m} Q_k(x,s) u^k(s) ds,$$

where K_k and Q_k are regular kernels in $R(0 \leqslant x, s \leqslant 1)$ and $u(x,t)$ is the sought function defined in $G(0 \leqslant x \leqslant 1; -\infty < t < +\infty)$. A solution $u(x,t)$ of (1) is denoted as singular, if it is represented in the neighborhood of $t=0$ by a Laurent series with a principal part consisting of finitely many terms. The author considers the case $m=2$, $p=1$ and shows that (1) possesses a unique solution for certain t_0 and a continuum of singular solutions of the form

$$(2) \quad u(x,t) = \frac{t_0}{t} \varphi_{-1}(x) + \sum_{k=0}^{\infty} t^k \varphi_k(x)$$

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SOV/20-128-3-2/58

Particular Solutions to One Class of Integro-Differential Equations

for certain other t_o. All together the author gives 2 theorems.
There are 3 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova (Moscow State University imeni M.V.Lomonosov)
Azerbaydzhanskiy gosudarstvennyy universitet imeni S.M.Kirova (Azerbaydzhan State University imeni S.M.Kirov)

PRESENTED: March 28, 1959, by I.N.Vekua, Academician

SUBMITTED: March 25, 1959

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APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K. T., Doc Phys-Math Sci -- (diss) "Analytic theory of operator and differential operator equations." Baku, 1960. 12 pp, (Ministry of Higher Education USSR, Azerbaydzhan State Univ im S. M. Kirov, Mechanics-mathematics faculty, Moscow Order of Lenin and Order of Labor, Red Banner State Univ im Lomonosov, Mechanics-mathematics Faculty), 100 copies, (KL, 17-60, 137)

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16.3500

AUTHOR: Akhmedov, K. T.

TITLE: Subdivision of solutions of mixed problems for one class of non-linear equations

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 69-70, abstract 6B294 (Uch. zap. Azerb. un-t. Fiz.-matem. i khim. ser., no. 2, 1960, 3 - 21)

TEXT: The problem considered is: to find a solution of the differential equation

$$\frac{\partial u}{\partial t} = L_{t,u}\left[\frac{\partial u}{\partial t}\right] + F\left(x, t, u, \frac{\partial u}{\partial t}\right), \qquad (1)$$

satisfying the conditions:

$$u(t, x)\Big|_{t=t_0} = u_0(x), \quad (u_0(0) = u_0(1) = 0), \qquad (2)$$

$$\left.\begin{aligned} u(t, 0) &= 0 \\ u(t, 1) &= 0 \end{aligned}\right\}, \qquad (3)$$

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where

$$L_{t,u}\left[\frac{\partial u}{\partial t}\right] = a(x,t,u)\frac{\partial^3 u}{\partial x^2 \partial t} + b(x,t,u)\frac{\partial^2 u}{\partial x \partial t} + c(x,t,u)\frac{\partial u}{\partial t}.$$

Functions a, b, c are continuous on $0 \leqslant x \leqslant 1$ and analytic with respect to t, u. Function F is also continuous on $0 \leqslant x \leqslant 1$ and analytic with respect to the aggregate of all the remaining variables in the domain of their change. After substituting $t = t_0 + \tau$, $u = u_0 + v$ equation (1) takes the form:

$$\frac{\partial v}{\partial \tau} = \sum_{j=0,k=0}^{\infty} \tau^j v^k L^{jk}_{t_0,u_0}\left[\frac{\partial v}{\partial \tau}\right] + \sum_{p,q,r=0}^{\infty} F_{pqr}\left(x, t_0, u_0, \frac{du_0}{dx}\right)\tau^p v^q \left(\frac{\partial v}{\partial x}\right)^r \quad (4)$$

under the conditions

$$v\big|_{t=0} = 0, \quad (5)$$

$$v(\tau, 0) = 0, \quad v(\tau, 1) = 0, \quad (6)$$

where $F_{pqr} = F_{pqr}\left(x, t_0, u_0, \frac{du}{dx}\right)$ denotes the expansion of function F. The

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solution of this problem is sought in the form of a series

$$v = v_1\tau + v_2\tau^2 + v_3\tau^3 + \ldots \qquad (7)$$

To find v_i the author obtains a recurrent system of boundary problems with a differential operator $L^{00}_{t0,u0}$:

$$v_1(x) = L^{00}_{t0,u0}\left[v_1(x)\right] + F_{000}(x),$$

$$v_2(x) = L^{00}_{t0,u0}\left[v_2(x)\right] + 1/2\left\{v_1 L^{01}_{t0,u0}\left[v_1\right] + L^{10}_{t0,u0}\left[v_1\right] + v_1 + F_{010}(x) + \frac{dv_1}{dx} F_{001}(x)\right\} + 1/2\, F_{100}(x),$$

$$\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots \qquad (8)$$

$$v_{n+1}(x) = L^{00}_{t0,u0}\left[v_{n+1}(x)\right] + \frac{n}{n+1}\Phi_{n+1}(v_1, v_n) + \frac{1}{n+1}\bar{\Phi}_{n+1}(v_1, v_n) + \frac{1}{n+1} f_{n+1}(v_1, \ldots, v_{n-1}),$$

where Φ_{n+1}, $\bar{\Phi}_{n+1}$ are differential operators linearly acting on $v_n (n \geqslant 2)$:

$$v_i(\tau, 0) = v_i(\tau, 1) = 0, \; i = 1, 2, 3, \ldots \qquad (8!)$$

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First, a case is considered where the operator $L^{00}_{t0,00}$ has an inverse operator $L^{00-1}_{t0,u0}$. In this case system (8) with boundary conditions (8) is explicitly solved. Thus, under conditions where -1 is not an eigenvalue of operator $L^{00}_{t0,u0}$, problem (1), (2), (3) does not have a unique holomorphic solution in the neighborhood of $t = t_0$. In the second part of the work the case is considered where the rank of an eigenvalue is equal to unity. Let be fulfilled the condition

$$\int_0^1 \int_0^1 K(x, s)\, F_{000}(s)\, \psi(s)\, ds = 0,$$

$K(x, s)$ being a Green's function of operator $L^{00}_{t0,u0}$, $\psi(s)$ an eigenfunction of adjoint operator $L^{00}_{t0,u0}$. Then from the first equation of system (8) under the boundary condition $v_1(0) = v_1(1) = 0$ it is possible to find $v_1(x)$:

$$v_1(x) = c_1\varphi(x) + B^{00}_{t0,u0}\,(F_{000}(x)),$$

where φ is an eigenfunction of the operator $L^{00}_{t0,u0}$ and $B^{00}_{t0,u0}$ is a pseudo-

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resolvent of the operator $L^{00}_{t0,u0}$. On the strength of the arbitrariness of c_1 the solvability of the second equation of system (8) with condition $v_2^1(0) = v_2(1) = 0$ is ensured. This is done in the following manner: with substitution of expression v_1 into the free member of the second equation of system (8) and the requirement of orthogonality of the expression obtained for $\varphi(x)$ we get

$$\beta_1 c_1^2 + \beta_2 c_2 + \beta_3 = 0. \qquad (9)$$

From this equation, for c_1 is obtained one value, two values or an infinite number of values depending on the choice of numbers the β_1, β_2, β_3. For c_1, found from this, the second equation of system (8) ubder the condition $v_2^1(0) = v_2(1) = 0$ is solvable

$$v_{2,\alpha} = c_{2,\alpha}\,\varphi(x) + p_{2,\alpha}(x),$$

where $c_{2,\alpha}$ are arbitrary constants for each α. The condition of solvability of the third equation of system (8) under condition

$$v_3(0) = v_3(1) = 0 \qquad (10)$$

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takes the form

$$c_{2,\alpha} N_\alpha^{(2)} + \mu_\alpha^{(2)} = 0.$$

With the assumption $N_\alpha^{(2)} \neq 0$ one value for $c^*_{2,\alpha}$ is obtained which guarantees the existence of a solution of the third equation of system (8) under the condition (10). In the same way, continuing the process, $v_{n,\alpha}$ are found. By substituting expression $v_{n,\alpha}$ in the condition of solvability of the (n+1)-th equation of system (8) we obtain

$$c_{n,\alpha} N_\alpha^{(n)} + \mu_\alpha^{(n)} = 0.$$

Thus, assuming that $N_\alpha^{(n)} \neq 0$, all the coefficients of series (7) are found to have one value, two values or an infinite number of values depending on the coefficients of the quadratic equation (9). Convergence of the process is further proved. In the case where -1 is an eigenvalue of the operator $L^{00}_{t0,u0}$ of series 1, problem (1), (2), (3) has: a) a unique holomorphic solution, if the quadratic equation (9) has a unique solution; b)

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two holomorphic solutions, if the quadratic equation (9) has two solutions; c) an infinite number of holomorphic solutions if all the coefficients in the quadratic equation (9) are equal to zero, and , finally, d) does not have any holomorphic solution, if $\beta_1 = 0$; $\beta_2 = 0$, $\beta_3 \neq 0$. At the end of the section the author gives two footnotes. Note 1. The theorem proved is also generalized in the case of a mixed problem for equation

$$\frac{\partial u}{\partial t} = L_{t,u}\left[\frac{\partial u}{\partial t}\right] + F\left(t, x, u, \frac{\partial u}{\partial t}, \frac{\partial^2 u}{\partial x^2}\right),$$

where F is an analytic function with respect to the aggregate of t, u, $\frac{\partial u}{\partial x}$, $\frac{\partial^2 u}{\partial x^2}$, (or F is an analytic operator with respect to the aggregate of the variables indicated).

Note 2. These results are easily generalized also for the case where a series of eigenvalues of -1 of the non-self-adjoint operator $L^{00}_{t0,u0}$ is greater than unity. At the end of the work the author considers the case where the operator

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$L_{t,u}\left[\frac{\partial u}{\partial t}\right]$ takes the form:

$$L_{t,u}\left[\frac{\partial u}{\partial t}\right] = a_0(x, t, u)\frac{\partial^{n-1}u}{\partial x^n \partial t} + a_1(x, t, u)\frac{\partial^n u}{\partial u^{n-1}\partial t} + \ldots + a_n(x, t, u)\frac{\partial u}{\partial t}.$$

In this case the author obtains analogous results. [Abstracter's note: Complete translation.]

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S/044/62/000/003/040/092
C111/C444

16.4500

AUTHOR: Akhmedov, K. T.

TITLE: On singular solutions of a class of non-linear integro-differential equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 3, 1962, 71, abstract 3B299. ("Uch. zap. Azerb. un-t. Fiz.-matem. i khim. ser.," 1961, no. 1, 3-20)

TEXT: The solution of the equation

$$\frac{\partial u}{\partial t} = t \int_0^1 K(x,s) \left[A_0(s) + A_1(s)\, u\,(s,t)\right] \frac{\partial u}{\partial t}\, ds +$$

$$+ \int_0^1 Q(x,s) \left[B_0(s) + B_1(s)\, u(s,t) + B_2(s)\, u^2(s,t)\right] ds$$

is searched with the set-up

$$u(x,t) = \frac{\varphi_{-1}(x)}{t} + \sum_{k=0}^{\infty} t^k \varphi_k(x) .$$

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On singular solutions of a class of ... S/044/62/000/003/040/092
C111/C444

Several sufficient conditions for the existence of such special solutions and their uniqueness are stated. These conditions depend on wether a certain constant is a characteristic number of a linear auxiliary operator or not.

[Abstracter's note: Complete translation.]

Card 2/2

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

Branching of the solution to Cauchy's probler for an operator type differential equation. Trudy Inst. mat. i mekh. AN Azerb. SSR 1:67-79 '61. (MIRA 14:11)

(Differential equations)
(Operators (Mathematics))

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.T.

Mixed problem for integrodifferential equations. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.4:3-12 '61. (MIRA 16:6)
(Integrodifferential equations)

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L 45397-66 EWT(d) IJP(c)

ACC NR: AR6016614 SOURCE CODE: UR/0044/65/000/012/B061/B061

AUTHORS: Akhmedov, K. T.; Nasibov, S. M.; Mamedov, A. P.

TITLE: Study of solutions of a mixed problem for a class of nonlinear equations

SOURCE: Ref. zh. Matematika, Abs. 12B325

REF SOURCE: Uch. zap. Azerb. un-t. Ser. fiz.-matem. n., no. 1, 1964, 16-29

TOPIC TAGS: mixed boundary value problem, nonlinear differential equation

ABSTRACT: The authors study the solutions of the following mixed problem:

$$\frac{\partial u}{\partial t}=L_{t,u}\left[\frac{du}{dt}\right]+F\left(x, t, u, \frac{du}{dx}, \frac{d^2u}{dx^2}\right); \quad (1)$$

$$u(t, x)|_{t=t_0}=u_0(x),\ u_0(0)=u_0(1)=0; \quad (2)$$

$$u_x^{(k)}(0, t)=0 \text{ and } u_x^{(k)}(1, t)=0 \text{ for } k=0, 1, \ldots, \frac{n}{2}-1. \quad (3)$$

If n is even, then one obtains n conditions; if it is odd, then the condition is bigger by one at one end.

$$L_{t,u}\left[\frac{du}{dt}\right]=a_0(x, t, u)\frac{d^{n+1}u}{dx^n dt}+a_1(x, t, u)\frac{d^n u}{dx^{n-1}dt}+ \quad (4)$$

$$+\ldots+a_n(x, t, u)\frac{du}{dt}$$

UDC: 517:919

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K. Yu.

"Characteristic Changes in Higher Nervous Activity During Oxygen Deficiency." Cand Med Sci, Acad Med Sci USSR, 11 Jan 55. (VM, 30 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.Yu.

Carry out active prophylaxis against infectious intestinal diseases, helminthiasis, and malaria. Zdrav. Tadzh. 3 no.2:3-8 Mr-Ap '56 (MIRA 12:7)

1. Ministr zdravookhraneniya Tadzhikskoy SSR.
(TAJIKISTAN--INTESTINES--DISEASES)
(TAJIKISTAN--MALARIA--PREVENTION)

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GUMAROVA, F.G.; GOSTEVA, A.G.; TULEGENOV, Z.K.; MAKASHEVA, S.U.; POLOSUKHIN, A.P.; MUSABEKOV, A.M.; DANILOV, Yu.S.; NIGMATULIN, M.A.; ZAKHAROV, F.G.; LUZINA, Z.T.; MEPESOV, T.I.; STASYUNAS, I.P.; ISABEKOV, O.I.; SARSENBAYEVA, K.; KATSYUBA, V.T.; LENOVSKIY, A.S.; AKHMEDOV, K.Yu.; SUBKHANBERDIN, S.Kh.; KISLITSINA, N.P.; POLIKARPOV, S.V.; ZAIROV, K.S.; APSATAROV, A.A.; NOVOSEL'TSEV, V.N.; PETROV, N.N.; KHOMUTOV, M.V.; GALUSTYAN, A.S.; ARTYKOV, A.Ye.; DZHANDIL'DIN, N.D.; KOVRIGINA, M.D.; BEYSEBAYEV, M.; BUBLIK, V.N.; CHERNYSH, A.M.

Discussion on the report of S.R.Karynbaev, Minister of Public Health of the Kazakh S.S.R., on the status and improvement of medical care. Zdrav.Kazakh. 17 no.4/5 '57. (MIRA 12:6)

1. Zav. Alma-Atinskim oblastnym zdravotdelom (for Gumarova). 2. Vrach bol'nitsy g.Leninogorska Vostochno-Kazakhstanskogo oblzdravotdela (for Gosteva). 3. Zav. Karagandinskim oblastnym otdelom zdravookhraneniya (for Tulegenov). 4. Zav.Kzyl-Ordinskim oblastnym otdelom zdravookhraneniya (for Makasheva). 5. Vitse-prezident AN KazSSR (for Polosukhim). 6. Zav.Aktyubinskim oblastnym otdelom zdravookhraneniya (for Musabekov) 7. Ministr zdravookhraneniya Kirgizii (for Danilov).

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GUMAROVA, F.G.---(continued) Card 2.

8. Zav.Vostochno-Kazakhstanskim oblastnym otdelom zdravookhraneniya (for Nigmatulin). 9. Chlen kollegii Ministerstva zdravookhraneniya SSSR (for Zakharov). 10. Zav.Kustanayskim oblastnym otdelom zdravookhraneniya (for Luzina). 11. Ministr zdravookhraneniya Turkmenskoy SSR (for Nepesov). 12. Zav.sel'skim vrachebnym uchastkom Priirtyshskogo rayona Pavlodarskoy oblasti (for Stasyunas). 13. Glavnyy vrach Kapal'skoy rayonnoy bol'nitsy Taldy-Kurganskoy oblasti (for Isabekov). 14. Zav. zhenotdelom Yuzhno-Kazakhstanskogo obkoma partii (for Sarsenbayeva). 15. Zav. Dzhambulskim oblastnym otdelom zdravookhraneniya (for Katsyuba). 16. Glavnyy vrach Alma-Atinskogo oblastnogo tuberkuleznogo dispansera (for Lenovskiy). 17. Ministr zdravookhraneniya Tadzhikskoy SSR (for Akhmedov). 18. Nachal'nik Kazaptekoupravleniya (for Subkhanberdin).

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GUMAROVA, F.G.---(continued) Card 3.

19. Zav. Semipalatinskim oblastnym otdelom zdravookhraneniya (for Kislitsina). 20. Predsedatel' respublikanskogo komiteta soyuza medrabotnikov (for Polikarpov). 21. Zam. ministra zdravookhraneniya Uzbekskoy SSR (for Zairov). 22. Zav.Alma-Atinskim gorodskim otdelom zdravookhraneniya (for Apsatarov). 23. Zav. Severo-Kazakhstanskim oblastnym otdelom zdravookhraneniya (for Novosel'tsev). 24. Zav.rayzdravotdelom Shortandinskogo rayona Akmolinskoy oblasti (for Petrov). 25. Zav. ministra zdravookhraneniya Soyuza SSR (for Khomutov). 26. Zav.ministra zdravookhraneniya ArmSSR (for Galustyan). 27. Predsedatel' Komiteta fizicheskoy kul'tury i sporta pri Sovete Ministrov KazSSR (for Artykov). 28. Sekretar' TSentral'nogo Komiteta Kommunisticheskoy partii Kazakhstana (for Dzhandil'din). 29. Ministr zdravookhraneniya Sovetskogo Soyuza (for Kovrigina). 30. Pervyy zamestitel' predsedatelya Soveta Ministrov KazSSR (for Beysebayev). 31. Uchastkovyy vrach Kustanayskoy oblasti (for Bublik). 32. Zam.predsedatelya Obshchestva Krasnogo Kresta Kazakhstana (for Chernysh).

(KAZAKHSTAN--PUBLIC HEALTH)

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EWG(j)/EWG(r)/EWT(1)/ES(v)-3/EWG(v)/EWG(a)/EWG(c) Pe-5/

SOURCE: Dushanbe, Gosudarstvennyy meditsinskiy institut. Trudy*, v. 62, 1963,

the six experimental dogs, two belonged to the weak type, one to the weak type, one to the
tion of the weak type, one to the strong unbalanced type, and two to the strong
[illegible] showed that [illegible]

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L 10700-65

Hypoxia thus has a consistent depressive effect on cortical excitability. "The work was carried out at the Institut normal'noy i patologicheskoy fiziologii AMN SSSR (Institute of Normal and Pathological Physiology, AMN SSSR), Moscow.

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ACCESSION NR: AT4045951

Dushanbe

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.Yu., dotsent

Working out fine differentiation at "a great height". Zdrav.Tadzh. 9 no.4:16-19 Jl-Ag '62. (MIRA 15:11)

1. Kafedra normal'noy fiziologii Tadzhikskogo meditsinskogo instituta im. Abuali ibni Sino.
(CONDITIONED RESPONSE) (ANOXEMIA)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.Yu.; LORENTS, O.G.

Physiology and pathology at high-mountain altitudes.
Zdrav. Tadzh. 10 no.3:37-39 '63. (MIRA 17:4)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, K.Yu.

Data on changes in the higher nervous activity in oxygen deficiency. Trudy Tadzh. med. inst. 62:108-121 '63. (MIRA 17:12)

1. Tadzhikskiy meditsinskiy institut im. Abuali ibni Sino, Dushanbe.

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

NAZIROV, M.R., prof.; BABAYEV, Dzh.; EFENDIYEV, M.Ye., red.; AKHMEDOV, M., red.; BAGIROVA, S., tekhn.red.

[Brucellosis; pathogenesis, clinical aspects, and treatment] Brutsellez; patogenez, klinika i lechenie. Baku, Azerbaidzhanskoe gos.izd-vo, 1960. 174 p. (MIRA 14:3)
(BRUCELLOSIS)

APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7"

"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

YUFARKINA, N.I.; AKHMEDOV, M.

Removal of large foreign bodies from the rectum. Zdrav.Turk. 7 no.1:28 Ja '63. (MIRA 16:3)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - chlen-korrespondent AMN SSSR, prof. I.F. Berezin) Turkmenskogo gosudarstvennogo meditsinskogo instituta.
(RECTUM--FOREIGN BODIES)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, M. (Baku)

Results and prospects. Sov. torg. 36 no.4:11-14 Ap '63. (MIRA 16:5)

1. Ministr torgovli Azerbaydzhanskoy SSR.
(Azerbaijan--Retail trade)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, M.

Effect of calcium sulfate on the formation of clinker minerals. Uzb. khim. zhur. no.3:66-71 '59. (MIRA 12:9)

1. Institut khimii AN UzSSR.
(Calcium sulfate) (Cement)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

AKHMEDOV, M.A.; RAGOZINA, T.A.

Directing effect of calcium sulfate in mineral-forming process during clinkering. Uzb.khim.zhur. 7 no.1:23-27 '63. (MIRA 16:4)

1. Institut khimii AN UzSSR.
(Portland cement) (Calcium sulfate)

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"APPROVED FOR RELEASE: 06/05/2000 CIA-RDP86-00513R000100610015-7

USSR/General Biology. Individual Development. Regeneration. B-4

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71613

Author : Akhmedov, M. A.
Inst : Samarkand Medical Institute.
Title : Regeneration of a Peripheral Nerve Segment After Stitching with Catgut (Experimental-Morphological Research).

Orig Pub : Nauchn. tr. Samarkandsk. med. in-ta, 1956, 12, 33-36

Abstract : The sciatic nerve was transected in dogs under nonsterile conditions. Between the 1st and 35th day after the wound was inflicted with the observation of sepsis and with antiseptic procedures, the ends of the transected nerve were stitched with 2-4 catgut stitches through the

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AKHMEDOV, M. A., Cand Med Sci -- (diss) "Regeneration of the injured nerve with the use of de-iodized catgut and the new hemostatic agent lagochylus (experimental and morphological study)." Samarkand, 1957. 17 pp (Samarkand State Med Inst im Academician I. P. Pavlov), 200 copies (KL, 52-57, 110)

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