6-kV and 10-kV Transformers with Aluminium Windings.

windings were made for an output of 100 kVA at 6 kV. An existing standard transformer made with hot-rolled steel, a transformer with cold-rolled steel and aluminium windings, and a transformer with cold-rolled steel and copper winding, are compared in Fig (1). It is particularly important to use cold-rolled steel in conjunction with aluminium windings. The core and coils of copper and aluminium-wound transformers are illustrated in Fig (2). The transformer with aluminium windings is much higher, although the weight of the cores is the same. Overall weights, and weights of oil, for transformers ranging from 20 to 100 kVA with copper and aluminium windings are given in Table (3).
There are 2 figures, 3 tables and 3 Soviet references.

SUBMITTED: April 13, 1959.

ABRAMOVICH, K.G.; ASTAPENKO, P.D.; BYKOV, V.V.; BUSHUK, V.I.; GUROV, V.P.; ZVEREV, A.S.; MININA, L.S.; MOROZKIN, A.A.; RUPPERT, L.L.; SERGEYEV, B.M.; ZVEREV, A.S.; POGOSYANA, Kh.P., redaktor; YASNOGORODSKAYA, M.M., redaktor

[School synoptical atlas of weather maps] Uchebnyi sinopticheskii atlas. Leningrad, Gidrometeorologicheskoe izd-vo. Pt. 1. 1956. 48 fold. maps (in portfolio)--[Assignments for students using the "school synoptical atlas of weather maps."] Zadaniia dlia studentov k "Uchebnomu, sinopticheskomu atlasu," chast' 1. Sost. A.S. Zverev. 1956. 114 p. (MLRA 10:5)
(Meteorology--Charts, diagrams, etc.)

MAKHKAMOV, G.M.; POGOSYANTS, A.I.; SVINKIN, S.N.; ASKAROV, A.A., zasl. deyatel' nauki, prof., red.; CHERNYAVSKAYA, A.B., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Uzbekistan flat bread; technology and bakery formulas]Uzbekskie lepeshki; tekhnologiia i retseptura. Tashkent, Izd-vo AN UzSSR 1961. 68 p. (MIRA 15:10)

1. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Askarov).

(Uzbekistan--Bread)

Pogosyants, E.K.

5

4E4j

3081. New colour reaction for bivalent cobalt. G. D. Nessonova and E. K. Pogosyants (Moscow Textile Inst.). *Zhur. Anal. Khim.*, 1956, 11 (6), 764.—Addition of glycerol followed by conc. NaOH to soln. of Co^{2+} gives an intense bluish-violet colour which can be used for detecting Co at a limiting dilution of 1 in $2 \cdot 6 \times 10^{6}$. The colour is stable to heating and light, but long contact with the air gives a green colour due to oxidation of Co^{2+}.

G. S. SMITH

EXCERPTA MEDICA Sec 16 Vol. 5/10 Cancer Oct 57

3697. POGOSYAN TS. Kh. Ye. [redacted] *A short survey of transplantable tumours (on the data of 16 laboratories of the USSR) (Russian text)* Vop. Onkol. 1957, 3/2 (233-243) Tables 3

The paper contains a description of 43 transplantable tumours, of which 35 were obtained in different laboratories of the USSR. Eighteen tumours were derived from spontaneous neoplasms, and 25 from tumours induced by chemical carcinogens. Twenty tumours were in mice, 16 in rats, 3 in rabbits and 4 in chickens.

POGOSYANTS, V.K.

ATAULIN, V.V.; VLASOVA, R.M.; DAVYDOVA, Ye.A.; DANILENKO, I.S.; DZIOV, V.A.; DUBROVIN, A.P.; YEFANOVA, L.V.; KARPENKO, L.V.; KLEPIKOV, L.N.; KOTHELEV, S.V.; LUK'YANOV, N.I.; MEL'NIKOV, N.V., prof., obshchiy red.; MKRTYCHAN, A.A.; NEMTINOV, A.M.; POGOSYANTS, V.K.; SEMIZ, M.D.; SKOBLO, G.I.; SLOBODCHIKOV, P.I.; SMIRNOV, V.M.; SUSHCHENKO, A.A.; SOKOLOVSKIY, M.M.; TRET'YAKOV, K.M.; FISH, Ye.A.; TSOY, A.G.; TSYPKIN, V.S.; CHEKHOVSKOY, P.A.; CHIZHIKOV, V.I.; ZHUKOV, V.V., red.izd-va; KOROVENKOVA, Z.L., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Prospects for the open-pit mining of coal in the U.S.S.R.; studies and analysis of mining and geological conditions and technical and economic indices for open-pit mining of coal deposits] Perspektivy otkrytoi dobychi uglia v SSSR; issledovanie i analiz gornogeologicheskikh uslovii i tekhniko-ekonomicheskikh pokazatelei otkrytoi razrabotki ugol'nykh mestorozhdenii. Pod obshchei red. N.V.Mel'nikova. Moskva, Ugletekhizdat, 1958. 553 p. (MIRA 11:12)

1. Vsesoyuznyy tsentral'nyy gosudarstvennyy proyektnyy institut "Tsentrogiproshakht." 2. Chlen-korrespondent AN SSSR (for Mel'nikov).

(Coal mines and mining)

POGOSYANTS, Ye. K.

"Increase of the Water-Resistance of Albuminous Films (for Use in the Technology of Artificial Leather)." Sub 20 Nov 51, Moscow Technological Inst of Light Industry

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

POGOSYANTS, Ye.A.

NESSONOVA, G.D.; POGOSYANTS, Ye.A.

A new color reaction for divalent cobalt. Zhur. anal. khim. 11 no.6:754 N-D '56. (MLRA 10:6)

1. Moskovskiy tekstil'nyy institut.
(Cobalt)

AUTHORS: Nessonova, G. D., Pogosyants, Ye. K. SOV/32-24-8-14/43

TITLE: The Determination of Alkoxyl Groups in Organic Silicon Compounds (Ob opredelenii alkoksil'nykh grupp v kremniyorganicheskikh soyedineniyakh)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 8, pp. 953 - 953 (USSR)

ABSTRACT: The concentration of tetraethoxysilane and its derivatives can be determined according to the number of ethoxyl groups present. Most of the methods for the quantitative determination of ethoxyl groups are based on their reaction with hydriodic acid. In all of these methods a hydriodic acid solution must always be freshly prepared, since it loses its reactivity on standing. In place of hydriodic acid in this reaction this paper suggests the use of an iodized mixture containing hydriodic acid, phenol, propionic acid, and red phosphorus. The preparation of this mixture is described, and the analytical procedure is given. A table comparing results obtained by the two methods is given. There are 1 table and 2 references, 1 of which is Soviet.

Card 1/2

The Determination of Alkoxyl Groups in Organic Silicon Compounds SOV/32-24-6-14/43

ASSOCIATION: Moskovskiy tekstil'nyy institut (Moscow Textile Institute)

Card 2/2

SOV/32-25-7-4/50

5(2)

AUTHORS: Nessonova, G. D., Pogosyants, Ye. K., Lishevskaya, M. O.

TITLE: Colorimetric Determination of Cobalt in the Reaction With Glycerin (Kolorimetricheskoye opredeleniye kobal'ta po reaktsii s glitserinom)

PERIODICAL: Zavodskaya laboratoriya, 1959, Vol 25, Nr 7, pp 786 - 789 (USSR)

ABSTRACT: A colorimetric method for the determination of cobalt is described. The method is based on the reaction of the bivalent cobalt ion with glycerin in a strong alkaline medium, thus forming blue colored complex compounds. The following formula is suggested: $Na_{n-2}[Co(C_3H_8O_3)_{n-m}(OH)_m]$ for the complex compound formed. The method permits determination of cobalt in the presence of larger quantities of nickel and iron without preceding separation. The method suggested was elaborated on pure cobalt salts, mixtures of cobalt- and nickel salts, and was subsequently tested on technical alloy samples (with a cobalt content of 20 to 80%). Optical density of the solution was measured by means of the photocolorimeter FEK-M in a bulb of 30 mm length. By

Card 1/2

application of a red light filter the optical density of the solution is a direct function of the cobalt concentration in the solution. The stability of the glycerin alkali complex compound depends on the cobalt concentration in the solution (Fig 2). The maximum concentration of the Co should not exceed 0.3 mg/ml Co in the solution to be colorimetried. One course of analysis is given. In order to test the accuracy of the results of analysis, duplicate determinations of Co, according to the gravimetric method (as potassium cobalt nitrite) were carried out (Table). There are 3 figures, 1 table, and 2 Soviet references.

ASSOCIATION: Moskovskiy tekstil'nyy institut (Moscow Textile Institute)

S/191/62/000/001/004/006
B145/B110

AUTHORS: Nessonova, G. D., Pogosyants, Ye. K., Markova, G. B., Grinevich, K. P.

TITLE: Sodium-ethyl and sodium-methyl siliconates and their application in the textile industry

PERIODICAL: Plasticheskiye massy, no. 1, 1962, 20-24

TEXT: The suitability of the hydrophobic organosilicon liquids TKZh 10 (GKZh 10) and TKZh 11 (GKZh 11) for the impregnation of cotton fabrics was tested. GKZh 10 and GKZh 11 are strongly alkaline, aqueous-alcoholic solutions of ethyl and methyl siliconates, containing about 30% dry substance. According to the formula $[R\text{-}Si(OH)_2ONa]_{1.5}$, the siliconates are present as a monomer-dimer. Coarse cotton cloth, interlock fabrics and serge were used for the investigation. The impregnation time was 5 min, and the optimum concentration of the siliconate solutions amounted to 2-4% of the weight of dry substance. Impregnation increases water-proofness and its stability against the effect of weather, light and perspiration; the mechanical strength increases (breaking strength of the

Card 1/2

POGOSYANTS, E. E.

"Karyotypes of some representatives of Passieres (Passer Domesticus L., Coloeus Monedula L., Turdus Pilaris L.)" (p. 665) Laboratory of Genetics (Chief: academician A. S. Serebrovskii), Institute of Zoology, Moscow State University, Moscow. by Pogosyants, E. E.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. VI, 1937, No. 3

POGOSIANTS, E. E.

"Experimental Genetics of Malignant Tumors" (p. 188) by Pogosiants, E. E. (Moscow).

SO: Advances in Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. 17, 1944, No. 2

POGOSIANTS, E. E.

"Isolation of Chromosomes from Dormand Nuclei" (page 107) by Pogosiants, E. E. (Isolation of Chromatin Threads from the Resting Nucleus of Leukemic Cells. A. Claude and J. S. Potter. J. Exp. Med., V. 77, No. 4, 1943)

SO: Advances in Modern Biology, (Uspekhi Sovremennoi Biologii) Vol. 18, 1944, No. 1

POGOSIANTS, E. E.

"New Data Concerning the Nature of Mammary Gland Malignant Tumors" (p. 339) by Pogosiants, E. E. (Moscow)

SO: Advances in Modern Biology (Uspekhi Sovremnoi Biologii) Vol. XIX, No. 3, 1945.

POGOSIANTS, E.E.

"Heredity, Development and Infection" (p.132) by Lerl[illegible]n, C. D.
Translated by Pogosiants E. E.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XXI, No. 1, 1[illegible]

POGOSYANTS, Ye. Ye.

"On the Problem of the So-Called Tumours in Drosophila,"

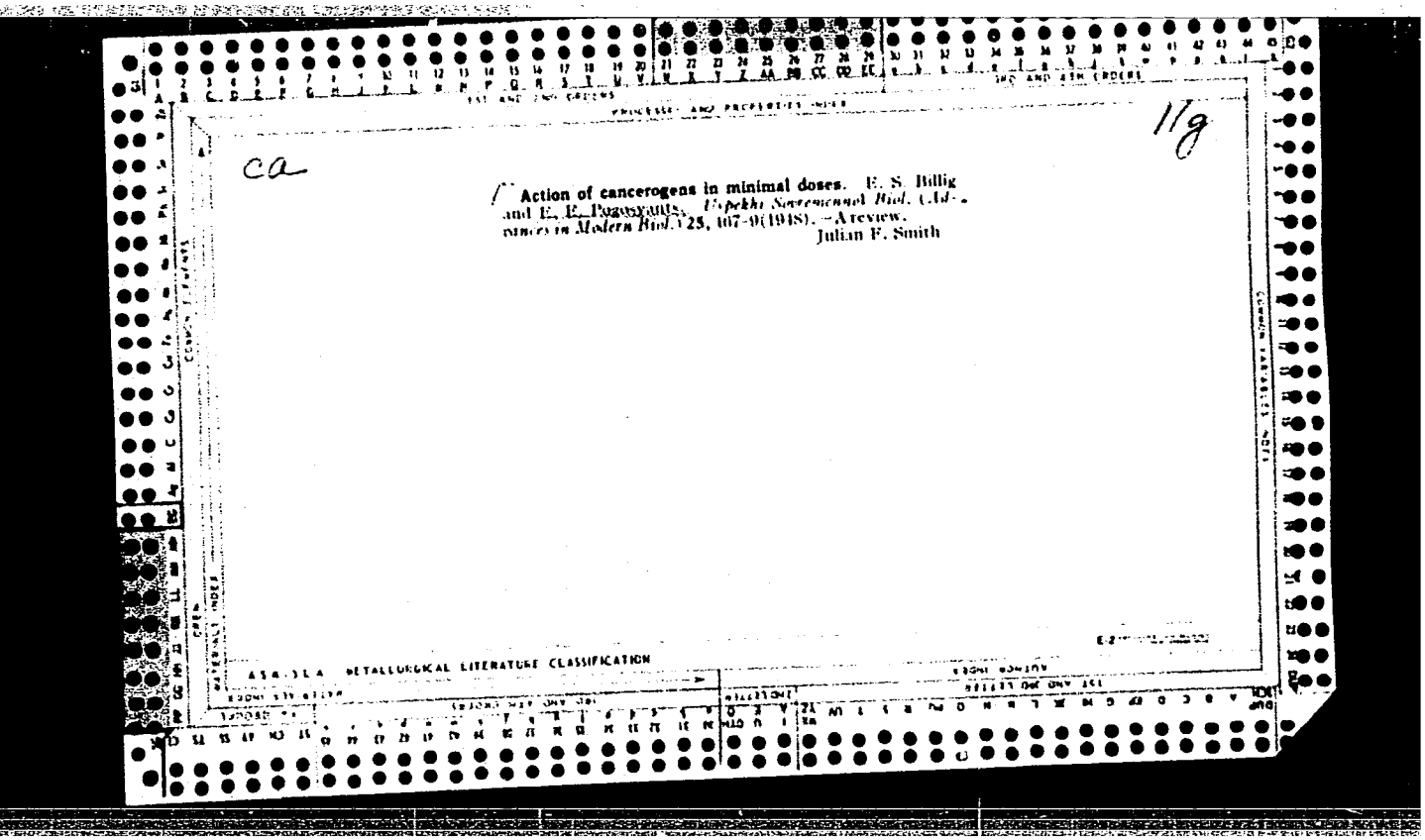
Dok. AN, 52, No. 3, 1946. Inst., Normal & Pathological

Morphology, Dept. Medico Biol. Sci., -1946-.

POGOSIANTS, E. E.

"Progress in hybridisation of Zea mais, G. H. Shull." (p. 143) Rev. by E. E. Pogosiants.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologi) Vol. XXIII, No. 1, 1947.



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Action of cancerogens in minimal doses. E. S. Billig and E. E. Pogosyants. *Uspekhi Sovremennoi Biol.* (*Advances in Modern Biol.*) 25, 107-9(1948). —A review.
Julian F. Smith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

PA 156T64

USSR/Medicine - Cancer 1 Nov 49
Disease Transmission

"Possibility of Transmitting, by Bloodsucking Insects, the Agent That Causes Cancer of the Mammary Glands in Mice," Ye. Ye. Pogosyants, O. N. Sazonova, Inst of Normal and Path Morph, Acad Med Sci USSR, 3 pp

"Dok Ak Nauk SSSR" Vol LXIX, No 1, pp 81-83

Discovery of the cancer agent of the mammary glands, not merely in the milk and various organs of highly cancerous mice, but in their blood, suggested possibility of transmitting this agent by means of parasitic insects. Results of [redacted] 156T64

USSR/Medicine - Cancer (Contd) 1 Nov 49

experiments on 45 mice gave reason to assume that it can be transmitted by the flea, C. fasciatus. Twelve experiments with bedbugs gave negative results. Further experiments are needed with bedbugs; lice, and injection by needle. Submitted by Acad A. N. Abrikosov, 19 Aug 49.

156T64

POGOSYANTS, YE., YE. [redacted]

POGOSYANTS, YE.YE.

VASIL'YEV, Yu.M., [translator]; POGOSYANTS, Ye.Ye., [translator].

[The role of viruses in the appearance of tumors; collected articles] Rol' virusov v vozniknovenii opykholei; sbornik statei. Perevod s angliiskogo IU.M.Vasil'eva i E.E.Pogosiants. Moskva, izd-vo inostrannoi lit-ry, 1953. 475 p. (MLRA 7:11)
(Tumors) (Viruses)

Pogosyants, Ye.Ye.

EL'PINER, I.Ye.; POGOSYANTS, Ye.Ye.; ZASLAVSKIY, V.G.

Effect of ultrasonic waves on the milk factor. Vop.onk. 1 no.2:42-44 '55. (MLRA 8:10)

1. Iz laboratorii eksperimental'noy onkologii (zav. chl.korr. AMN SSSR prof. L.M.Shabad) Akademii meditsinskikh nauk SSSR

(ULTRASONICS, effects, on milk factor)
(NEOPLASMS, experimental, milk factor, eff. of ultrasonics)
(BREAST, neoplasms, milk factor, eff. of ultrasonics)

POGOSYANTS, Ye.Ye.

BLOKHIN, N.N.; VASIL'YEV, Yu.M.; POGOSYANTS, Ye.Ye.

New case of spontaneous malignant tumor in Macacus rhesus. Vop. onk. 1 no.2:91-95 '55. (MLRA 8:10)

1. Iz Instituta eksperimental'noy patologii i terapii raka AMN SSSR.
(SARCOMA,
in monkey, case of spontaneous tumor)
(MONKEYS, diseases,
sarcoma, case of spontaneous tumor)

POGOSYANTS, Ye.Ye.

New strain of transplantable mammary adenocarcinoma from mice (RSM). Biul.eksp.biol. i med. 39 no.2:43-46 F '55. (MLRA 8:5)

1. Iz Instituta eksperimental'noy patologii patologii i terapii raka (dir. chlen-korrespondent AMN SSSR prof. N.N.Blokhin) AMN SSSR, Moskva.

(BREAST, neoplasms,
exper. adenocarcinoma, transplantable in mouse, new strain)
(ADENOCARCINOMA, experimental,
transplantable mouse mammary adenocarcinoma, new strain)
(NEOPLASMS, experimental,
mouse mammary adenocarcinoma, new transplantable strain)

POGOSYANTS, Ye. Ye.

USSR/General Problems of Pathology. Tumors. Carcinogens. U-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 93908

Author : Pogosyants, Ye. Ye.
Inst : Not given
Title : Experiments on the Inactivation of the Milk Factor in vitro Using Extracts of Different Mouse Tissues.

ORig Pub : V sb.: Vopr. patogeneza i immunol. opukholey. M., 1956, 69-75

Abstract : Extracts of the placenta, spleen, and mammary gland (MG) of mice possessed the property of weakly inactivating the milk factor. Extracts of liver and embryos gave negative results. The age of the recipient in most of the experiments was 7-14 days (not > 30 days). Hyperplasia of the nodules was indicative of positive results. -- N. N. Medvedev.

Card 1/1

POGOSYANTS, Ye.Ye. (Moskva, ul. Kalinina, d.10/2, kv.5)

Experimental tumors in a steppe lemming (Lagurus lagurus Pall.) [with summary in English]. Vop. onk. 2 no.2:193-198 '56. (MLRA 10:3)

1. Iz laboratorii opukholevykh shtammov (zav. - doktor biol. nauk Ye.Ye.Pogosyants) otdela etiologii opukholey (zav. - deystvitel'nyy chlen AMN SSSR A.D.Timofeyevskiy) Instituta eksperimental'noy patologii i terapii raka (dirl - chlen-korrespondent AMN SSSR N.N. Blokhin)

(NEOPLASMS, exper.
steppe-lemmer, comparison with other laboratory animals)

POGOSYANTS, Ye.Ye., doktor biologicheskikh nauk; VASIL'YEV, Yu.M., kandidat meditsinskikh nauk

"Present-day problems in oncology"; B series. Etiology and pathogenesis of malignant tumors. Reviewed by E.E.Pogosiants, IU.M.Vasil'ev. Vop. onk. 2 no.4:490 '56. (MLRA 9:12)
(CANCER)

POGOSYANTS, Ye. Ye.

USSR/Tumors U-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27699

Author : Pogosyants, Ye.Ye.
Inst : Not Given
Title : Experimental Gastric Neoplasms, Induced in Mice by Peroral Administration of a Cancerigenic Substance.

Orig Pub : Vopr. onkologii, 1956, 2, No 6, 658-663.

Abstract : Two to three-month old brown female mice CC57 (38) received 0.1 ml. of a 0.5% solution of 9,10-dimethyl-1-2-benzanthracene in peach oil through a gastric tube into the stomach daily; a total dose (6-9 times) was 3-4.5 mg. The first gastric tumor was revealed in a dead mouse after 3½ months. Of the 13 animals that lived 3-10 months 9 (animals) had 11 tumors: 2 papillomas of the rumen, 1 sarcoma of the stomach, 4 squamous-cell keratosic carcinomas of the rumen infiltrating all layers. In addition, 3 mice developed skin cancer and 1 developed sarcoma of the thoracic wall. In 2 of these animals 2 tumors appeared simultaneously (cancer of the stomach and cancer of the skin; cancer of the thoracic wall and cancer of the skin).

Card : 1/1

POGOSYANTS, Ye.Ye., doktor biol.nauk

Current problems in experimental oncology. Vest.AMN SSSR 11 no.4:9-21 '56. (MIRA 12:10)
(NEOPLASMS, exper. progr., review)

POGOSYANTS, Ye.Ye. (Moskva, ul. Kalinina, d.10/2, kv.5)

Brief survey of transplantable tumor strains kept in laboratories of the U.S.S.R. [with summary in English]. Vop.onk. 3 no.2:233-243 '57. (MIRA 10:6)

1. Iz laboratorii opukholevykh shtammov (zav. - d-r biol. nauk Ye.Ye.Pogosyants) otdela etiologii i patogeneza opukholey (zav. - deystv. chl. Akademii meditsinskikh nauk SSSR prof. A.D.Timofeyevskiy) Instituta eksperimental'noy patologii i terapii raka Akademii meditsinskikh nauk SSSR (dir. - chl.-korr. Akademii meditsinskikh nauk prof. N.N.Blokhin)

(NEOPLASMS, exper.
transplantable tumors, survey based on data from Russian laboratories (Rus))

POGOSIANZ H. E.

POGOSIANZ, H. E., BOLONINA, N. I. and OLSHEVSKAYA, L. V. (Moscow)

"The Steppe-Lemming (Lagurus lagurus Pall): A New Animal Suitable for Cancer Research."

report presented at the 7th Intl. Cancer Congress, London, July 1958.

OL'SHEVSKAYA, L.V. (Moskva, Khlebnyy per., d.2/3, kv.111); POGOSYANTS, Ye.Ye. (Moskva, ul.Kalinina, d.10/2, kv.5)

Changes in the chorioallantoic membrane in tumor culture. Vop. onk. 4 no.2:140-146 '58. (MIRA 12:8)

1. Iz laboratorii opukholevykh shtammov (zav. - doktor biol. nauk Ye.Ye.Pogosyants) otdela etiologii (zav. - deystvitel'nyy chlen AMN SSSR prof.A.D.Timofeyevskiy) Instituta eksperimental'noy patologii i terapii raka AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof.N.N.Blokhin).

(NEOPLASMS, exper.
morphol. changes in choriallantoic membrane of chick embryo in tissue culture of human polyp & gastric cancer (Rus))

DOBRYNIN, I.V.; POGOSYANTS, Ye.Ye.; PRIGOZHINA, Ye.L.

Transplantable strain of cancer of the forestomach in mice.
Vop.onk. 4 no.2:155-161 '58. (MIRA 12:8)

1. Iz laboratorii opukholevykh shtammov (zav. - doktor biol. nauk Ye.Ye.Pogosyants) otdela etiologii i patogeneza opukholey (zav. - deystvitel'nyy chlen AMN A.D.Timofeyevskiy) Instituta eksperimental'noy patologii i terapii raka (dir. - chlen-korrespondent AMN N.N.Blokhin) AMN SSSR. Adres avtorov: Moskva, I-110, 3-ya Meshchanskaya ul., d.61/2, kor.9, Institut eksperimental'noy patologii i terapii raka.

(STOMACH NEOPLASMS, exper.
transplantable strain of cardial cancer induced in mice by dimethylbenzanthracene (Rus))
(ANTHRACENE, rel. cpds.
dimethylbenzanthracene induction of ca transplantable strain of cardial cancer in mice (Rus))
(NEOPLASMS, exper.
same)

POGOSYANTS, Ye. Ye

EXCERPTA MEDICA Sec 5 Vol 12/2 Gen. Path. Feb 59

339. AN ATTEMPT AT REVEALING THE TUMOUR-PRODUCING AGENT IN HUMAN MAMMARY TUMOUR EXTRACTS (Russian text) - Pogosianz E. E. and Boloneena N. I. Inst. of Exp. Pathol. and Ther. of Cancer, Moscow - VOPR. ONKOL. 1958, 4/4 (387-391) Tables 1

Watery extracts of 12 human breast cancers and of 2 tumours of other sites were injected into C57 x A and C57 x C3HA hybrid mice. Six out of 93 animals which survived for 9 months and 9 out of 78 control mice of the same litters developed hyperplastic mammary nodes and tumours. The neoplasms were probably caused by the milk factor transmitted to the hybrid mice by the male high cancer strain. It is concluded that extracts of human mammary tumours lack carcinogenic activity. (V, 16)

POGOSYANTS, Ye.Ye.; BOLONINA, N.I.; OL'SHEVSKAYA, L.V.

Steppe vole (Lagurus lagurus Pall) as a useful new animal for experimental oncological research. Vop.onk. 5 no.3:281-289 '59.
(MIRA 12:12)

1. Institute of Experimental Pathology and Therapy of Cancer, Moscow. Adres avtora: Moskva, 3-ya Meshchanskaya ul., d. 61/2, Institut eksperimental'noy patologii i terapii raka.

(NEOPLASMS, exper.
lemming Lagurus lagurus as research animal (Rus))
(LABORATORY ANIMALS,
lemming Lagurus lagurus as cancer research animal (Rus))

POGOSYANTS, Ye.Ye. (Moskva, ul. Kalinina, d. 10/2, kv.5)

International Symposium on Laboratory Animals. Vop.onk. 5 no.4: 511-512 '59. (MIRA 12:12)

(LABORATORY ANIMALS)

POGOSYANTS, Ye.Ye., doktor biolog.nauk

Some problems in the organization of laboratory animal breeding in the Soviet Union and in foreign countries. Vest.AMN SSSR 14 no.6:64-73 '59. (MIRA 13:6)

1. Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.
(LABORATORY ANIMALS)

POGOSYANTS, Ye.Ye.; KISELEVA, N.S.; OL'SHEVSKAYA, L.V.

Characteristics of the SSR strain of rat sarcoma as related to different methods of tumor transplantation. Vop.onk. 6 no.1: 19-27 '60. (MIRA 13:10)

(TUMORS)

POGOSYANTS, Ye.Ye.

Problem of experimental tumors models and some related problems. Vop.onk. 8 no.6:89-99 '62. (MIRA 15:11)

1. Iz Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystv. chl. AMN SSSR, prof. N.N. Blokhin). Adres avtora: Moskva I-110 3-ya Meshchanskaya, 61/2 korp.9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.
(CANCER RESEARCH)

POGOSYANTS, Ye.Ye., doktor biolog. nauk

Cytogenesis of tumors. Zhur. VKHO 8 no.4:449-458 '63.
(MIRA 16:10)

(CYTOGENETICS) (CANCER RESEARCH)

POGOSYANTS, Ye.Ye., doktor biolog.nauk.

Minutes of the 71st meeting of the Scientific Society of Oncologists of the city of Moscow and Moscow Province; February 22, 1962. E.E.Pogosiants. Vop. onk. 9 no.1:118-120 '63. (MIRA 16:5)

(ONCOLOGY--CONGRESSES)

POGOSYANTS, Ye.Ye.; KISELEVA, N.S.

Tumor strains maintained by the Institute of Experimental and Clinical Oncology of the Academy of Medical Sciences of the U.S.S.R. Vop. onk. 9 no.8:103 '63 (MIRA 17:4)

1. Iz laboratorii opukholevykh shtammov (zav. - doktor biolog. nauk Ye.Ye. Pogosyants) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin). Adres avtorov: Moskva, I-110, ulitsa Shchepkina, 61/2, korpus 9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.

POGOSYANTS, Ye.Ye.; TSUBINA, M.G.; BOLONINA, N.I.

Selection of hybrid mice for tumor transplantation experiments. Vop. onk. 10 no.4:53-58 '64. (MIRA 17:11)

1. Iz Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin). Adres avtorov: Moskva, I-110, ulitsa Shchepkina, 61/2, korpus 9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.

KISELEVA, N.S.; SOKOVA, O.I.; KONSTANTINOVA, L.N.; POGOSYANTS, Ye.Ye.

Chromosome sets and the rate of tumor growth of two substrains of the ascitic hepatoma of rats. Vop. onk. 11 no.4:61-66 '65. (MIRA 18:8)

1. Iz laboratorii tsitogenetiki (zav. - doktor biol. nauk Ye.Ye. Pogosyants) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin).

SHABAD, L.M., prof.; POGOSYANTS, Ye.Ye., dr. biol. nauk; VALUYEVA, I.M.

Minutes of the 81st meeting of the Society of Oncologists of Moscow and Moscow Province of February 28, 1963. Vop. onk. 9 no.12:91-93 '63. (MIRA 17:12)

1. Predsedatel' Nauchnogo obshchestva onkologov g. Moskvy i Moskovskoy oblasti (for Shabad). 2. Sekretari Nauchnogo obshchestva onkologov g. Moskvy i Moskovskoy oblasti (for Pogosyants, Valuyeva).

POGOSYANTS, Ye.Ye., doktor biologicheskikh nauk; VALUYEVA, I.M.

Minutes of the Scientific Society of Oncologists of the City of Moscow and Moscow Province for meeting No.82 on March 28, 1963. Vop. onk. 10 no.1:119-121 '64. (MIRA 17:11)

FICHIDZHYAN, B.S.; POGOSYANTS, Ye.Ye.

Chromosomal characteristics of three transplantable rat leukemias. Vop. onk. 9 no.12:47-51 '63. (MIRA 17:12)

1. Laboratoriya tsitogenetiki (zav. - doktor biol. nauk Ye.Ye. Pogosyants) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin). Adres avtorov: Moskva, I-110, ul. Shchepkina, 61/2 korp.9, Institut eksperimental'noy i klinicheskiy onkologii AMN SSSR.

FICHIDZHYAN, B.S., POGOSYANTS, Ye.Ye., PRIGOZHINA, Ye.L.

Cytogenetic examination of viral and dimethylbenzanthracene-induced leukemias in rats. Vop. onk. 10 no.3:34-41 '64. (MIRA 17:8)

1. Iz laboratorii tsitogenetiki (zav. - doktor biologicheskikh nauk Ye.Ye. Pogosyants) Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin). Adres avtorov: Moskva, I-110, ul. Shchepkina, 61/2, korp. 9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.

POGOSYANTS, Ye.; VALUYEVA, I.

Minutes of the Scientific Society of Oncologists of the City of Moscow and Moscow Province joined with the Society of Gynecologists for meeting No. 84 on May 8, 1963. Vop. onk. 10 no.3:120-121 '64. (MIRA 17:8)

POGOSYANTS, Ye.Ye.; PRIGOZHINA, Ye.L.; YEGOLINA, N.A.

Transplantable ascites rat tumor; the OIa strain. Vop. onk. 8 no.11:29-36 '62. (MIRA 17:6)

1. Iz laboratorii opukholevykh shtammov (zav.- doktor biologicheskikh nauk Ye.Ye. Pogosyants) otdela etiologii i patogeneza opukholey (zav.- deystvitel'nyy chlen AMN SSSR , prof. A.D. Timofeyevskiy) Instituta eksperimental'noy i klunicheskoy onkologii AMN SSSR (dir.- deystvitel'nyy chlen AMN SSSR, prof. N.N. Blokhin). Adres avtorov: Moskva, I-110, 3-ya Meshchanskaya ul., 61/2, korp. 9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.

Pogov, V.I.

AUTHORS: Volkogon, G.M., Smirnova, G.D., Pogov, V.I. 32-11-27/60

TITLE: The Spectral Method for the Determination of the Content of Iron, Manganese, Magnesium, Silicon, and Lead in the "Melchior" of the Type MH-19 (Spektral'nyy metod opredeleniya zheleza, margantsa, magniya, kremniya i svintsa v mel'khiore marke MH-19)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 11, pp. 1337-1338 (USSR)

ABSTRACT: Quantitative determinations were carried out in this case by the method of 3 standard gauged samples. The sample was taken out of the melt in the foundry and was cast into a conical bolt of 10 mm and 14 mm diameter (at the ends) and of 50 mm length by filling a special mold. This bolt was polished at its thinner end and was used as lower electrode. The upper electrode was made from spectrally pure carbon and was of conical shape, with 6 mm and 2 mm diameters at the ends. The following devices were used for spectral analysis: A spectrograph type "ИСП-22" and an alternating current arc lamp "ПС-39" as well as films "Spektral" type 1. Spectrophotographs were made in 2 series: one for the determination of silicon, magnesium, and lead, and a second for iron and manganese. Photometrization was carried out on the microphotometer "МФ -2". Standards were cast and prepared in the same

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manner as the above described sample. The prepared mixtures for standards were tested spectrographically and by chemical analysis. The results obtained by this method were compared with those obtained by methods which were already known, and agreement was found to be satisfactory. There are 1 figure and 1 table.

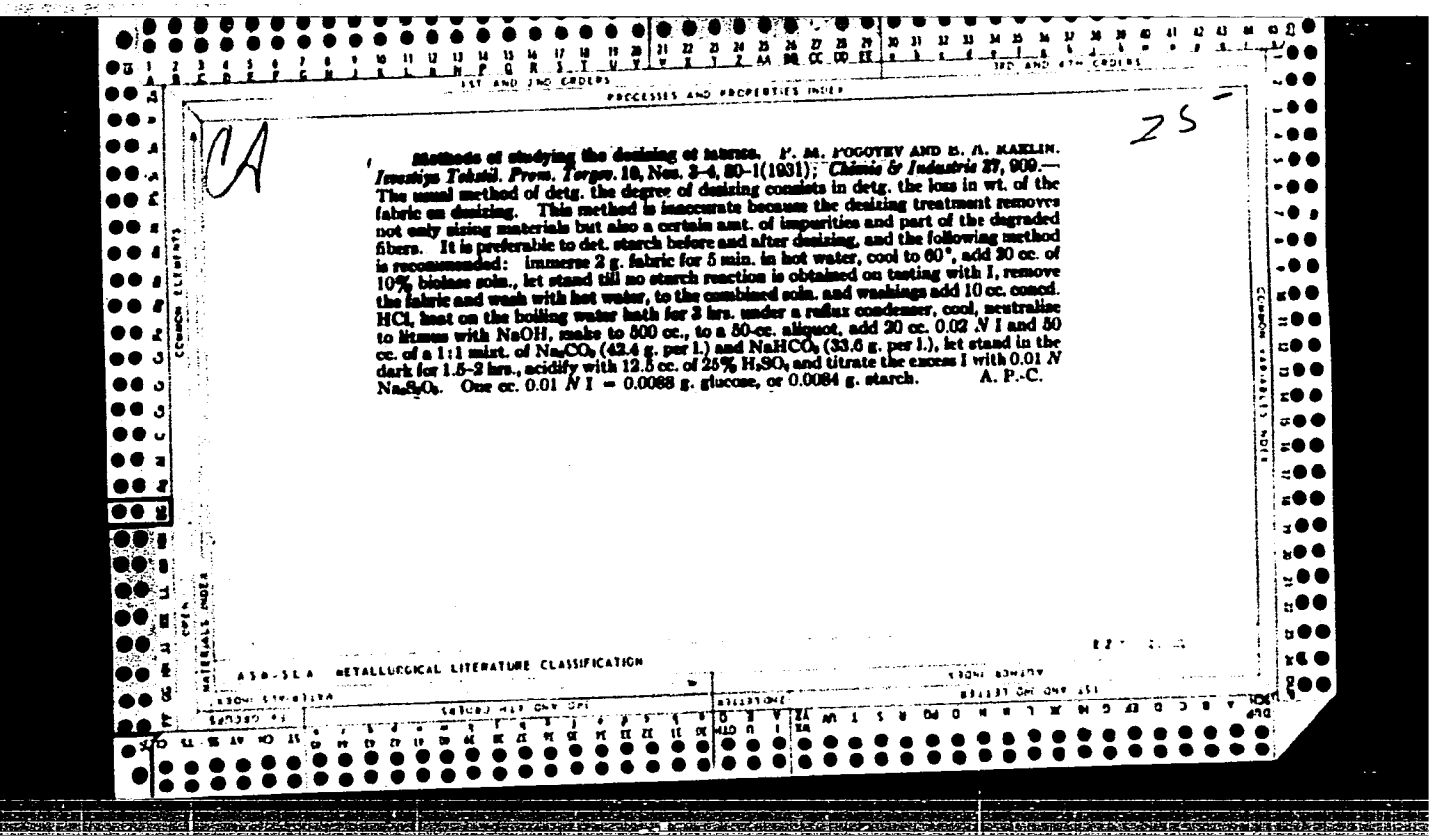
AVAILABLE: Library of Congress

Card 2/2

VOLKOVA, N.S.; KHUTAREVA, G.V.; KRENTSEL', B.A.; POGOVIN, Z.A.; TOPCHIYEV, A.V.

Synthesis and study of stereoregular propylene - isoprene copolymers. Vysokom.soed. 1 no.12:1758-1763 D '59. (MIRA 13:5)

1. Moskovskiy tekstil'nyy institut i Institut neftekhimicheskogo sinteza AN SSSR.
(Propene) (Isoprene)



CA

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Methods of studying the desizing of intense. P. M. POGOTEV AND B. A. MAKLIN. *Izvestiya Tekstil. Prom. Torgov.* 10, Nos. 3–4, 80–1(1931); *Chimie & Industrie* 27, 900.—The usual method of detg. the degree of desizing consists in detg. the loss in wt. of the fabric on desizing. This method is inaccurate because the desizing treatment removes not only sizing materials but also a certain amt. of impurities and part of the degraded fibers. It is preferable to det. starch before and after desizing, and the following method is recommended: Immerse 2 g. fabric for 5 min. in hot water, cool to 60°, add 20 cc. of 10% biolase soln., let stand till no starch reaction is obtained on testing with I, remove the fabric and wash with hot water, to the combined soln. and washings add 10 cc. concd. HCl, heat on the boiling water bath for 3 hrs. under a reflux condenser, cool, neutralise to litmus with NaOH, make to 500 cc., to a 50-cc. aliquot, add 20 cc. 0.02 *N* I and 50 cc. of a 1:1 mixt. of Na_2CO_3 (42.4 g. per l.) and $NaHCO_3$ (33.6 g. per l.), let stand in the dark for 1.5–2 hrs., acidify with 12.5 cc. of 25% H_2SO_4 and titrate the excess I with 0.01 *N* $Na_2S_2O_3$. One cc. 0.01 *N* I = 0.0068 g. glucose, or 0.0084 g. starch. A. P.-C.

16(1) SOV/39-47-4-1/4

AUTHOR: Pogozhel'skiy, V. (Warszawa)

TITLE: Investigation of Integrals of the Parabolic Equation and of the Boundary Value Problems in an Unbounded Domain (Issledovaniye integralov parabolicheskogo uravneniya i krayevykh zadach v neogranichennoy oblasti)

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 47, Nr 4, pp 397-430 (USSR)

ABSTRACT: The author considers the equation of parabolic type

$$(1)\ \hat{\psi}(u) = \sum_{\alpha,\beta=1}^{n} a_{\alpha\beta}(A,t)\frac{\partial^2 u}{\partial x_\alpha \partial x_\beta} + \sum_{\alpha=1}^{n} b_\alpha(A,t)\frac{\partial u}{\partial x_\alpha} + c(A,t)u - \frac{\partial u}{\partial t} = 0$$

The coefficients are defined in

(2) $A(x_1,\dots,x_n) \in \Omega + S$, $0 \leq t \leq T$, where the infinite domain $\Omega \subset E_n$ is limited by the set S of the $(n-1)$-dimensional surfaces $S_1, S_2, \dots, S_p$. The S_i have no common points, satisfy the Lyapunov conditions and have no boundary. The $a_{\alpha\beta}$ are

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bounded in (2), there $\sum_{\alpha,\beta=1}^{n} a_{\alpha\beta}(A,t)X_\alpha X_\beta$ is positive-definite and $> c\sum_{\alpha=1}^{n} X_\alpha^2$, $c>0$. It is $|a_{\alpha\beta}(A,t) - a_{\alpha\beta}(A_1,t_1)| <$

$< k(r_{AA_1}^h + |t - t_1|^{h'})$, $k>0$, $0<h,h'\leq 1$, r_{AA_1} the distance in E_n. The $b_\alpha(A,t)$, $c(A,t)$ are bounded and continuous in (2); $|b_\alpha(A,t) - b_\alpha(A_1,t)| < k' r_{AA_1}^h$ and $|c(A,t) - c(A_1,t)| < k'' r_{AA_1}^h$.

Let the quasi-solution $W^{M,\varrho}(A,t;B,\tau)$ of the equation

$$\sum a_{\alpha\beta}(A,t)\frac{\partial^2 u}{\partial x_\alpha \partial x_\beta} - \frac{\partial u}{\partial t} = 0$$ be defined in

(3) $A\in E_n$, $B\in E_n$, $0\leq\tau<t\leq T$

by:

Investigation of Integrals of the Parabolic Equation SOV/39-47-4-1/4
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$$W^{M,\varsigma} = (t-\tau)^{-\frac{n}{2}} \exp\left[-\frac{\vartheta^{M,\varsigma}(A,B)}{4(t-\tau)}\right]; \quad \vartheta^{M,\varsigma} = \sum_{\alpha,\beta=1}^{n} a^{\alpha\beta}(M,\varsigma)\,(x_\alpha - \xi_\alpha)\,(x_\beta - \xi_\beta)$$

where M is a fixed point in E_n, $0 < \varsigma < T$, ς = const, $a^{\alpha\beta}$ are elements of the matrix inverse to $\|a_{\alpha\beta}\|$, $(\xi_1, \ldots, \xi_n)$ the coordinates of B. The author seeks the fundamental solution of (1) in (3) in the following form :

$$\Gamma(A,t;\,B,\tau) = W^{B,\tau}(A,t;\,B,\tau) + \int_{\tau}^{t}\left(\int_{E_n} W^{M,\varsigma}(A,t;M,\varsigma)\,\phi(M,\varsigma;B,\tau)\,dM\,d\varsigma\right)$$

For ϕ he obtains a doubly singular Volterra equation, the unique integral of which is given by the Volterra formula.

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Investigation of Integrals of the Parabolic Equation SOV/39-47-4-1/4
and of the Boundary Value Problems in an Unbounded Domain

For Φ, Γ, Γ_{x_α}, $\Gamma_{x_\alpha x_\beta}$ several estimations are given. Then the author investigates in detail the properties of the potential of the simple layer with the density φ:

$$U(A,t) = \int_0^t \int_S \Gamma(A,t;\ Q,\tau)\varphi(Q,\tau)\, d\,Q\, d\,\tau$$

and the potential of the volume charge

$$V(A,t) = \int_0^t \int_\Omega \Gamma(A,t;\ B,\tau)\varrho\,(B,\tau)\, d\,B\, d\tau$$

with the density ϱ. The obtained properties are used in order to solve the boundary value problem $\hat{\Psi}(u) = F(A,t,u)$,

$\lim_{t\to 0} u\,(A,t) = 0$, $\frac{du}{dTp} + g(P,t)u(P,t) = G(P,t,u_p)$, $P \in S$.

Under numerous assumptions the existence of a solution is

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proved with the aid of the fixed-point theorem of Schauder.

There are 5 non-Soviet references, 4 of which are Polish, and 1 Italian.

SUBMITTED: June 27, 1957

Card 5/5

S/044/62/000/006/033/127
B158/B112

AUTHOR: Pogozhel'skiy, V.

TITLE: Properties of a singular integral in space and their application to one system of singular integral equations

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 76-77, abstract 6B322 (Sb. "Probl. mekhaniki sploshn. sredy". M., AN SSSR, 1961, 288 - 301)

TEXT: In the n-dimensional Euclidean space E_n let there be a finite number p+1 of closed (n-1)-dimensional Lyapunov surfaces s_0, s_1, ..., s_p $p \geqslant 0$. These surfaces have no common points, and the surfaces s_1, s_2, ..., s_p are located inside a finite domain Ω_0 bounded by the surface s_0. The following notations are introduced:

$$\Omega = \sum_{i=1}^{p} \Omega_i,$$

where Ω_i is a domain bounded by the surface s_i. In §2 the author studies

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the properties of a function of two variables, x, t, defined by a singular integral

$$\Phi(x, t) = \int_{\Omega} N(x - y)\, g(y, t)\, dy, \qquad (1)$$

where the singular integral derived from the work of Zigmund (RZhMat, 1959, 5697) has the following form:

$$\int_{\Omega} N(x - y)\, f(y)\, dy = \lim_{\varepsilon \to 0} \int_{\Omega_\varepsilon} N(x - y)\, f(y)\, dy. \qquad (2)$$

$f(x)$ is a complex integrable function defined in the domain Ω, and $N(x)$ is a function of the form

$$N(x) = \frac{K(x')}{|x|^n}, \qquad (3)$$

where $x' = x'|x|$, and the function $K(x')$ satisfies the Hölder condition. This property is used by the author (§3) to prove the existence of a solution for one system of non-linear singular integral equations of the form

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Conditions are established for the

belonging to space H_α^h. This space consists of all systems $[\varphi_1(x), \varphi_2(x), .., \varphi_m(x)]$ of complex functions which are defined and continuous on an open set Ω and satisfy the inequality $|x - x_s|^{\alpha+h} |\varphi_\nu(x)| < \infty$ $(\nu = 1, 2, \ldots, m)$. In the space H_α^h the norm is defined by $U = [\varphi_1, \ldots, \varphi_m]$, and the distance $\delta(u, v)$ of two points by

POGOZHEL'SKIY, V. (Varshava)

Remarks on the work "Investigation of the integrals of a parabolic equation and of boundary value problems in an unlimited region." Mat. sbor. 53 no. 4:539-540 Ap '61. (MIRA 14:5)
(Boundary value problems) (Differential equations, Partial) (Topology)

POGOZHEL'SKIY, Ye. [Pogorzelski, J.], inzhener.

The production and use of gas concrete in Poland. Gor.i sel'.stroi. no.7:22-26 Jl '57. (MLRA 10:10)
(Poland--Lightweight concrete)

IVSHIN, Nikolay Karpovich; BORUKAYEV, R.A., akademik, otv. red.; POGOZHEV, A.S., red.; ALFEROVA, P.F., tekhn. red.

[Upper Cambrian trilobites of Kazakhstan]Verkhnekembriiskie trilobity Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Pt.2.[Selety horizon of the Kuyandy stage in central Kazakhstan]Seletinskii gorizont kuiandinskogo iarusa Tsentral'nogo Kazakhstana. 1962. 363 p. (MIRA 16:3)

1. Akademiya nauk Kazakhskoy SSR (for Borukayev).
(Trilobites)

SATPAYEV, K.I., akademik, otv. red.; BOGATYREV, A.S., red.; BORUKAYEV, R.A., red.; BOK, I.I., red.; RUSAKOV, M.P., red.; MIROSHNICHENKO, L.A., spets.red.; LYAPICHEV, G.F., spets.red.; POGOZHEV, A.S., red.; RZHONDKOVSKAYA, L.S., red.; GASHINA, Ye.A., tekhn. red.

[Productive capacities of Central Kazakhstan] Proizvoditel'nye sily TSentral'nogo Kazakhstana; trudy. Alma-Ata, Izd-vo Akad. Kaz. SSR. Vol.2. [Minerals and regional geology] Poleznye iskopaemye i regional'naia geologiia, 1959. 350 p. (MIRA 16:7)

1. Ob"yedinennaya nauchnaya sessiya po problemam razvitiya proizvoditel'nykh sil TSentral'nogo Kazakhstana, Karaganda, 1958. 2. Prezident AN Kaz.SSR (for Satpayev). 3. Ministerstvo geologii i okhrany nedr Kaz.SSR (for Bogatyrev). 4. Institut geologicheskikh nauk AN Kaz.SSR (for Rusakov).
(Kazakhstan--Mines and mineral resources)
(Kazakhstan--Geology)

VERBOLOVICH, Petr Alekseyevich; POLOSUKHINA, Tat'yana Yakovlevna; KAIPOVA, Zoya Nikolayevna; MAKEYEV, Aleksandr Fedorovich; GOLODOVA, Lidiya Semenovna; POGOZHEV, A.S., red.; ROROKINA, Z.P., tekhn. red.

[Laboratory work in organic, physical, colloid, and biological chemistry] Praktikum po organicheskoi, fizicheskoi, kolloidnoi i biologicheskoi khimii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963. 345 p. (MIRA 16:6)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL--LABORATORY MANUALS)

KALACHEV, Nikolay Stepanovich; LAVRENT'YEVA, Lyudmila Dmitriyevna; CHOKIN, Sh.Ch., akademik, red.; POGOZHEV, A.S., red.; GLAZYRINA, D.M., red.

[Cadastral survey of water-power resources of the rivers of the Kazakh S.S.R.; potential resources] Vodnoenergeticheskii kadastr rek Kazakhskoi SSR; potentsial'nye resursy. Alma-Ata, Nauka, 1965. 706 p. (MIRA 18:7)

1. Akademiya nauk Kazakhskoy SSR (for Chokin).

CHULANOV, G.Ch., doktor ekon. na.k, prof.; KISELEVA, L.I.; ZHUBANOVA, Z.G.; TAYBEKOV, I.Ye.; DZHAKSALIYEV, B.M.; ISHMUKHAMEDOV, B.M.; CHECHELEVA, T.V.; KUZNETSOV, Yu.N., red.; POGOZHEV, A.S., red.; ROROKINA, Z.P., tekhn. red.

[Essays on the history of the national economy of the Kazakh S.S.R.] Ocherki istorii narodnogo khoziaistva Kazakhskoi SSR. Alma-Ata, Izd-vo AN Kaz.SSR. Vol.3. [June 1941 to 1945] Iiun' 1941 goda - 1945 god. 1963. 299 p. (MIRA 17:1)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut ekonomiki.
2. Chlen-korrespondent AN Kaz.SSR (for Chulanov).

PARASKIV, Konstantin Petrovich; BANNIKOV, A.G., doktor biologicheskikh nauk, professor, otvetstvennyy redaktor; GROMYKO, L.G., redaktor; POGOZHEV, A.S., redaktor; POPOKINA, Z.P., tekhnicheskiy redaktor

[Reptiles of Kazakhstan] Presmykaiushchiesia Kazakhstana. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 227 p. (MLRA 9:7)
(Kazakhstan--Reptiles)

KUBANSKAYA, Zinaida Viktorovna; SUVOROV, N.I., otvetstvennyy redaktor; POGOZHEV, A.S., redaktor; KOROKINA, Z.P., tekhnicheskikh redaktor

[Vegetation and fodder resources of the Bet-Pak-Dala desert] Rastitel'nost' i kormovye resursy pustyni Bet-Pak-Daly. Alma-Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 263 p. (MLRA 9:10)
(Bet-Pak-Dala--Botany)

LAVROV, Viktor Viktorovich; POGOZHEV, A.S., redaktor; BYKOVA, M.S., kandidat geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; ALFEROVA, P.F., tekhnicheskiy redaktor.

[Marine Paleogene of the Transural plain and its continental equivalents] Morskoi paleogen zaural'skikh ravnin i ego kontinental'nye ekvivalenty. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1957. 115 p.

(MLRA 10:5)

(Siberia—Geology)

SATPAYEV, K.I., akademik, otv.red.; BALBACHAN, Ya.I., kand.tekhn.nauk, red.; BOGATYREV, A.S., red.; ZYKOV, D.A., red.; ONIKA, D.G., doktor tekhn. nauk, red.; CHOKIN, Sh.Ch., akademik, doktor tekhn.nauk, red.; ZAPLAVNOV, O.V., otv. za vypusk; POGOZHEV, A.S., otv. za vypusk; ALFEROVA, P.F., tekhn.red.

[Productive forces of central Kazakhstan; studies of the Karaganda Joint Academic Session which took place on November 17-22, 1958] Proizvoditel'nye sily TSentral'nogo Kazakhstana; trudy Karagandinskoi Ob"edinennoi nauchnoi sessii, sostoiavsheisia 17-22 noiabria 1958 goda. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR. Vol.1. [Plenary session] Plenarnye zasedaniia. 1958. 218 p. (MIRA 12:9)

(Continued on next card)

SATPAYEV, K.I.---(continued) Card 2.

1. Karagandinskaya Ob"yedinennaya nauchnaya sessiya. Alma-Ata, 1958. 2. Prezident Akademii nauk KazSSR (for Satpayev). 3. Predsedatel' Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov Kazakhskoy SSR (for Balbachan). 4. Ministr geologii i okhrany nedr Kazakhskoy SSR (for Bogatyrev). 5. Predsedatel' Karagandinskogo sovnarkhoza (for Onika). 6. Akademiya nauk Kaz.SSR; Institut energetiki AN KazSSR; akademik-sekretar' Akademii nauk KazSSR (for Chokin).

(Kazakhstan--Economic conditions)

POGOMHEV, A.S., vypuskayushchiy red.; ALFEROVA, P.F., tekhn.red.

[Materials of the scientific session on metallogenic and prognostic maps; reports]Materialy nauchnoi sessii po metallogenicheskim i prognoznym kartam; doklady. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1958. 318 p. (MIRA 12:2)

1. Ob"yedinennaya nauchnaya sessiya po metallogenicheskim i prognoznym kartam, Alma-Ata, 1958.
(Ore deposits)

AFANAS'YEV, Aleksandr Vasil'yevich; SUVOROVA, R.I., red.; ZHUKOVA, N.D., red.; POGOZHEV, A.S., red.; RORORINA, Z.P., tekhn.red.

[Zoogeography of Kazakhstan; based on the distribution of mammals] Zoogeografiia Kazakhstana; na osnove rasprostraneniia mlekopitaiushchikh. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1960. 258 p. (MIRA 14:1)

(Kazakhstan--Zoogeography)

SATPAYEV, K.I., glavnyy red.; CHOKIN, Sh.Ch., otv.red.; BAZANOVA, N.U., red.; BEKTUROV, A.B., red.; POKROVSKIY, S.N., red.; POLOSUKHIN, A.P., red.; TAKIBAYEV, Zh.S., red.; ASAINOV, M.A., red.; POGOZHEV, A.S., red.; SEMENOV, M.N., red.; PROKHOROV, V.P., tekhn.red.

[Science in Soviet Kazakhstan, 1920-1960] Nauka Sovetskogo Kazakhstana, 1920-1960. Alma-Ata, 1960. 688 p. (MIRA 13:12)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata.
(Kazakhstan--Science)

AKHMEDSAFIN, Ufa Mendbayevich; POGOZHEV, A.S., red.; ALFEROVA, P.F., tekhn. red.

[Methodology of drawing up forecasting maps, and survey of the artesian basins of Kazakhstan] Metodika sostavleniia kart prognozov i obzor artezianskikh basseinov Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 106 p. (MIRA 15:4)
(Kazakhstan--Water, Underground)

IVANKIN, Petr Filippovich, doktor geologo-miner. nauk; INSHIN, Pavel Viktorovich; KUZEBNYY, Valentin Stepanovich; POGOZHEV, A.S., red.; ALFEROVA, P.F., tekhn. red.

[Ore formations of the Rudnyy Altai] Rudnye formatsii Rudnogo Altaia. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1961. 285 p. (MIRA 15:2)

(Altai Mountains--Ore deposits)

POGOZHEV, A.S.

BEKLEMISHEV, Nikolay Dmitriyevich; POGOZHEV, A.S., redaktor; ALFEROVA, P.F., tekhnicheskiy redaktor

[Chronic brucellosis] Khronicheskii brutsellez. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1957. 302 p. (MLRA 10:8)
(BRUCELLOSIS)

DZHUMAGALIYEVA, Fatikha Dzhumagaliyevna; POLOSUKHIN, A.P., akademik, otv. red.; POGOZHEV, A.S., red.; ROROKINA, Z.P., tekhn.red.

[Prevention and treatment of myocarditis and myocardial infarction] Profilaktika i lechenie eksperimental'nogo miokardita i infarkta miokarda. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 153 p. (MIRA 17:2)

PACHIKINA, Lyubov' Ivanovna; RUBINSHTEYN, Mikhail Issakovich; STOROZHENKO, D.M., otv.red.vypuska; BEZSONOV, A.I., otv.red.; BOROVSKIY, V.M., red.; SOKOLOV, A.A., red.; SOKOLOV, S.I., red.; USPANOV, U.U., red.; POGOZHEV, A.S., red.; ROROKINA, Z.P., tekhn.red.

[Soils of Kazakhstan in 16 volumes] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ata. Vol.2. [Soils of Kokchetav Province] Pochvy Kokchetavskoi oblasti. 1960. 135 p. (MIRA 13:8)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut pochvovedeniya.
(Kokchetav Province--Soils)

BALMUKHANOV, Saim Baluanovich, doktor med. nauk, prof.; POGOZHEV, A.S., red.; RORORKINA, Z.P., tekhn. red.

[Vascular reactions in radiotherapy]Sosudistye reaktsii pri luchevoi terapii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 227 p. (MIRA 15:9)
(RADIOTHERAPY) (BLOOD VESSELS)

POGOZHEV, B. V.

AID P - 4260

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 18/33

Authors : Lakedemonskiy, A. V., Engineer, B. V. Pogozhev, Engineer, N. M. Rudnitskiy, Kand. Tech. Sci., and I. Ye. Fokin

Title : Results of operational tests of the new anti-friction alloy SOS 6-6.

Periodical : Vest. mash., #1, p. 55-56, Ja 1956

Abstract : The new anti-friction alloy SOS 6-6 is analysed as sleeve bearing metal for carburetor engines. Its composition is 5.5-6.5% Sn, 5.5-6.5% Sb and the rest Pb. This alloy proved to be quite satisfactory and much cheaper than the previously used tin-base babbit B-89 and lead-base babbit BT.

Institution : None

Submitted : No date

POGOZHEV, D.V., inzh.; ROTOV, K.A., inzh.

Loudspeaker communication installed on electric ballast distributors. Put' i put. khoz. no.2:20 F '58. (MIRA 11:3)
(Railroads--Communication systems) (Ballast (Railroads))

POGOZHEV, D.V., inzh.

Automatic stop used on electric ballast distributors. Put' i put. khoz. no.6:7-8 Je '58. (MIRA 11:6)
(Railroads--Automatic train control)
(Ballast (Railroads))

L 22566-65 EEC(b)-2/EWA(h)/EWT(1) Pg-4/Pl-4/Pm-4/Po-4/Pq-4/Peb
ACCESSION NR: AT5002490 S/2720/64/002/000/0228/0246

AUTHOR: Pogozhev, I. B.

TITLE: Estimate of the deviation of the failure flux in apparatus for repeated use from a Poisson flux

SOURCE: Kibernetiku - na sluzhbu kommunizmu, v. 2, 1964. Teoriya nadezhnosti i teoriya massovogo obsluzhivaniya (Theory of reliability and theory of mass service), 228-246

TOPIC TAGS: renewal theory, reliability, queuing, failure probability

ABSTRACT: Failure flux is defined as having a Poisson distribution if the number of failures in a given time interval obeys the Poisson law with sufficient accuracy. After pointing out that the failure flux of apparatus in which damaged elements are replaced obeys a Poisson distribution only if the reliability functions of the elements are exponential, and that many practical elements have no such reliability functions, the author derives exact equations for the deviation from the Poisson distribution in the case when faulty elements are immediately

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ACCESSION NR: AT5002490

replaced. Exact and approximate formulas are derived for the unconditional probability of obtaining a specified number of failures in the case of a single element and combinations of several elements, and for the variance of the number of failures. It is shown that in repeatedly used equipment the degree of deviation from a Poisson failure flux depends on the relation between the number of elements in the system and the average number of failures in the chosen time interval. If the ratio exceeds 10, a Poisson distribution can be assumed. Orig. art. has: 54 formulas.

ASSOCIATION: None

SUBMITTED: 00 ENCL: 00 SUB CODE: IE

NR REF SOV: 007 OTHER: 002

Card 2/2

2

L 4942-66 EWT(d)/FBD/FSS-2/EWT(1)/EEC(k)-2/EWA(d)/T-2 GW/WS-2/WR

ACC NR: AP5025696 SOURCE CODE: UR/0286/65/000/018/0044/0044

AUTHORS: Brodovskiy, V. N.; Vvedenskiy, V. A.; Voronin, N. N.; Moiseyev, I. G.; Pogozhev, I. I.; Semenov, Yu. N.; Yakimenko, N. M.

66
03

ORG: none

TITLE: A device for controlling a radio telescope in azimuthal mounting. Class 21, 174689 [announced by Organization of the State Committee for Defense Engineering SSSR (Organizatsiya gosudarstvennogo komiteta po oboronnoy tekhnike SSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 44

TOPIC TAGS: azimuth, radio telescope, telescopic equipment, tracking telescope, tracking system, tracking, tracking computer

ABSTRACT: This Author Certificate presents a device for controlling a radio telescope in an azimuthal mounting. The device contains an input unit for the reference data in the equitorial coordinate system and electric following drives for turning the radio telescope in azimuth and elevation angles. The reliability and precision of tracking are increased. The unit contains a digital computer. The output of the elevation angle and azimuth angular mismatch are connected via

UDC: 621—503.53:522.61

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memory registers and groups of amplifiers to the input of code-to-voltage converters. The second input of these converters, via a second group of amplifiers and corresponding memory registers, is connected to the outputs of the azimuth and elevation angle data speeds of the digital computer. The third input of the converters is connected to tachogenerators. These tachogenerators are mechanically connected to the azimuth and elevation angle axes of the radio telescope. To broaden the operating range of the azimuth angle pickup when the radio telescope passes from the clearly defined range, the output of an azimuth code correction selsyn is connected to the digital computer. This azimuth code correction selsyn is mechanically connected to the azimuth axis and is mounted on the turning circle, increasing the operating range of the radio telescope.

SUB CODE: DC, OP/ SUBM DATE: 25Jul64

POGOZHEV, K., mayor

An effective method of the promotion of military and technological knowledge. Komm.Vooruzh.Sil 1 no.3:71-73 F '61. (MIRA 14:8)
(Military education)

POGOZHEV, P.

Chromoscope. IUn.tekh. 6 no.9:48 S '61. (MIRA 14:10)
(Light)

POGOZHEV, P.I.

Heuristic method of setting up demonstration experiments. Fiz. v shkole 23 no.3:42-43 My-Je '63. (MIRA 16:12)

1. Pedagogicheskiy institut, Khar'kov.

POGOZHEV, P.I.

Heuristic method of setting up demonstration experiments. Fiz. v shkole 23 no.3:42-43 My-Je '63. (MIRA 16:12)

1. Pedagogicheskiy institut, Khar'kov.

POGOZHEV, P.I. (Khar'kov)

Installation for the study of the laws of rectilinear movement. Fiz.v shkole 23 no.1:47-49 Ja-F '63. (MIRA 16:4)
(Dynamics—Experiments)

1. POGOZHEV, P. I.

2. USSR (600)

4. Electric Furnaces - Models

7. Working model of an arc furnace. Fiz. v shkole 12 no. 6, 1952.

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

Pogozhev, P.I.

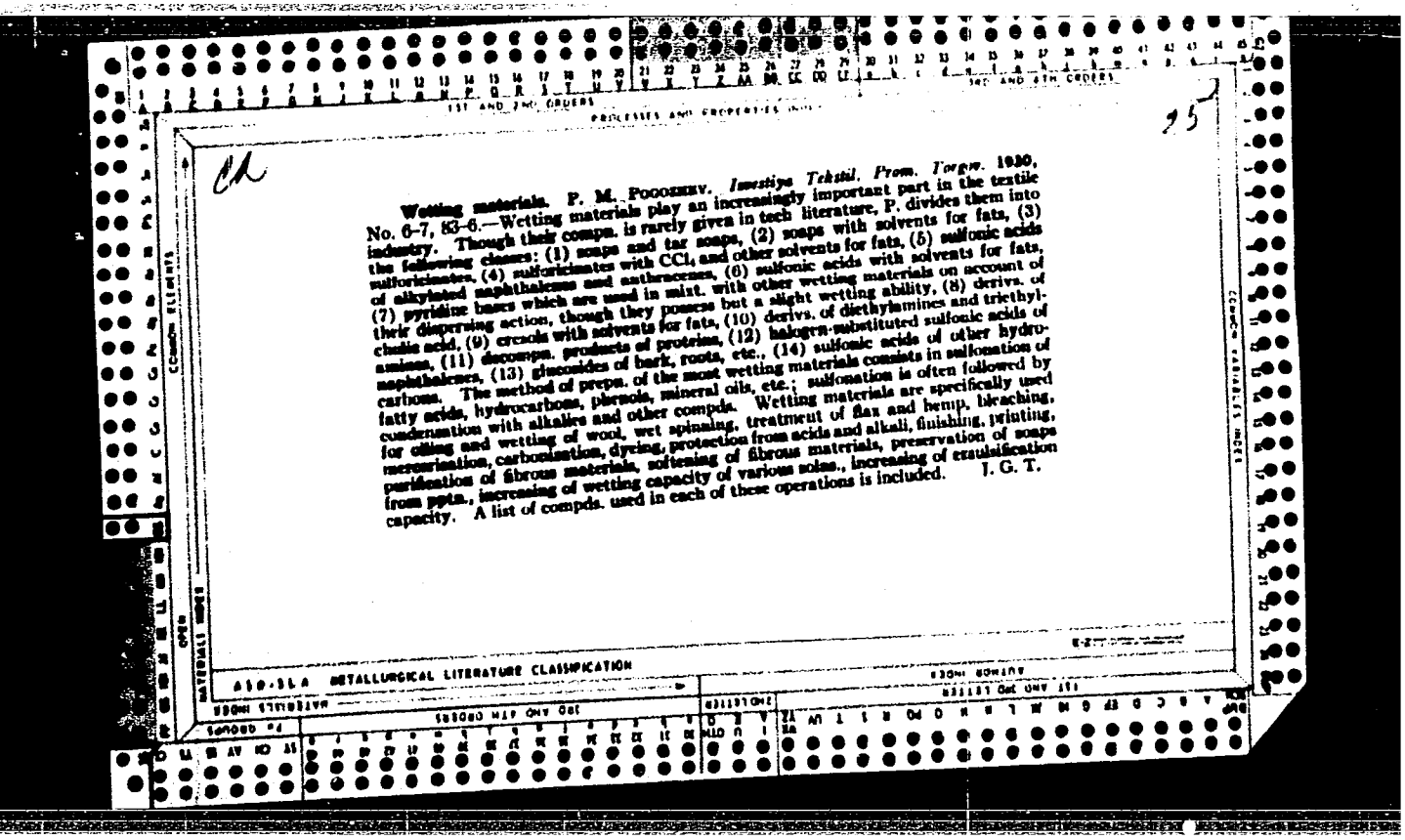
AUTHOR: Pogozhev, P.I., (Khar'kov) 47-58-3-11/27

TITLE: The Demonstration of Modulated Oscillations (Demonstratsiya modulirovannykh kolebaniy)

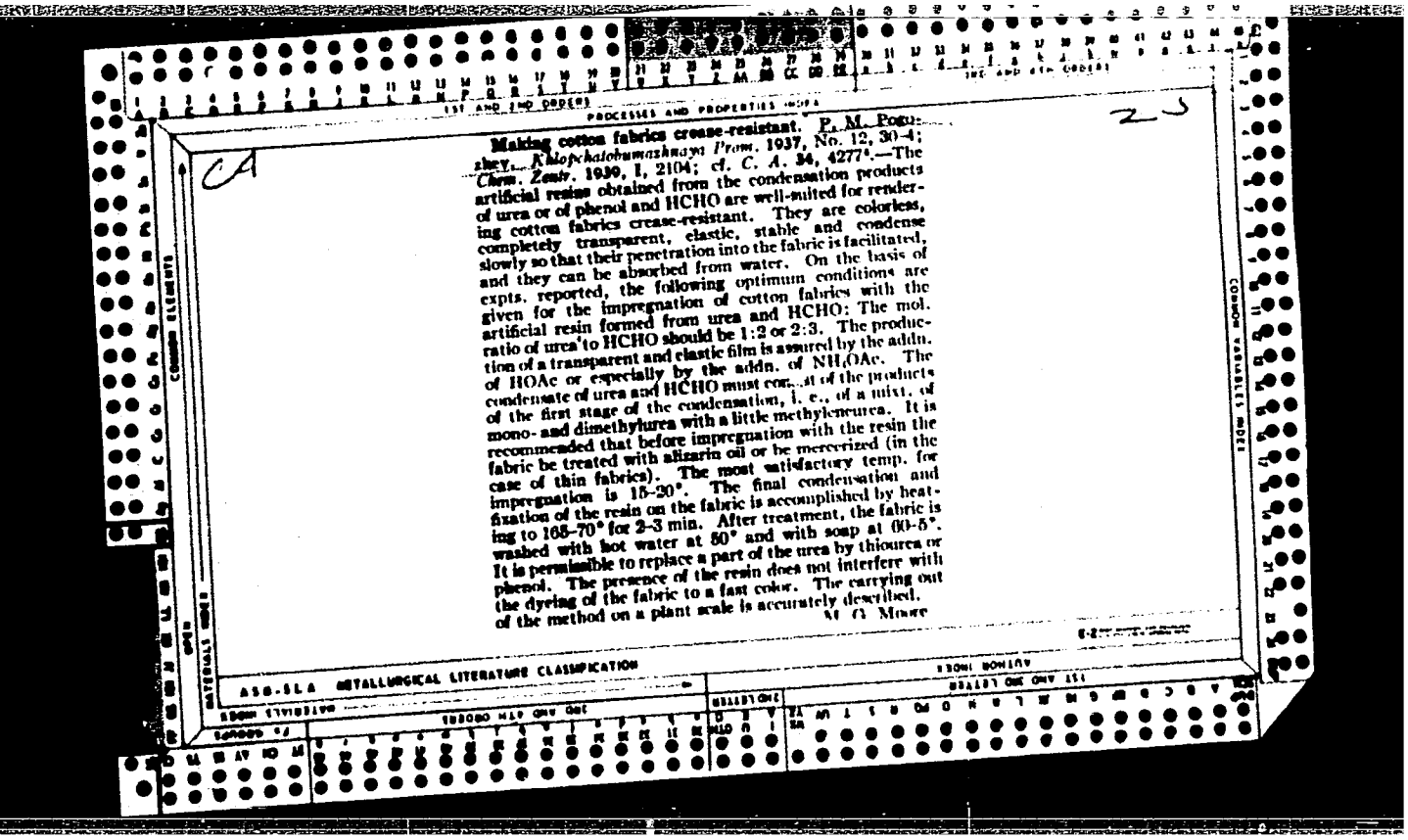
PERIODICAL: Fizika v Shkole, 1958, Nr 3, pp 49-50 (USSR)

ABSTRACT: The author describes a method of how to demonstrate the amplitude modulation of oscillations using a school oscillograph attached in series to a modulator in the form of a liquid rheostat. The modulator consists of a glass container with a metal electrode inside. The second electrode is a carbon electrode suspended on a metal spring with an additional load attached to it. The container is filled with a sodium chloride solution or any other electrolyte. The switching of the modulator into the circuit is accomplished by clamps on the metal electrode and on the bar of the stand. When the load suspended on the spring oscillates, a current flowing in the circuit will also oscillate due to the variable magnitude of resistance. There are 5 technical drawings.

AVAILABLE: Library of Congress
Card 1/1
1. Physics-Study and teaching 2. Oscillations-Study and teaching
3. Amplitude modulation-Study and teaching 4. Oscillographs-Applications



Wetting materials. P. M. Pogodnev. *Investiya Tekstil. Prom. Torgov.* 1930, No. 6–7, 83–6.—Wetting materials play an increasingly important part in the textile industry. Though their compn. is rarely given in tech literature, P. divides them into the following classes: (1) soaps and tar soaps, (2) soaps with solvents for fats, (3) sulforicinates, (4) sulforicinates with CCl_4 and other solvents for fats, (5) sulfonic acids of alkylated naphthalenes and anthracenes, (6) sulfonic acids with solvents for fats, (7) pyridine bases which are used in mixt. with other wetting materials on account of their dispersing action, though they possess but a slight wetting ability, (8) derivs. of cholic acid, (9) cresols with solvents for fats, (10) derivs. of diethylamines and triethylamines, (11) decompn. products of proteins, (12) halogen-substituted sulfonic acids of naphthalenes, (13) glucosides of bark, roots, etc., (14) sulfonic acids of other hydrocarbons. The method of prepn. of the most wetting materials consists in sulfonation of fatty acids, hydrocarbons, phenols, mineral oils, etc.; sulfonation is often followed by condensation with alkalies and other compds. Wetting materials are specifically used for oiling and wetting of wool, wet spinning, treatment of flax and hemp, bleaching, mercerization, carbonization, dyeing, protection from acids and alkali, finishing, jetting, purification of fibrous materials, softening of fibrous materials, preservation of soaps from ppta., increasing of wetting capacity of various solns., increasing of emulsification capacity. A list of compds. used in each of these operations is included. J. G. T.



CA

Making cotton fabrics crease-resistant. P. M. Pogu-shev. *Khlopchatobumazhnaya Prom.* 1937, No. 12, 30-4; *Chem. Zentr.* 1939, I, 2104; cf. *C. A.* 34, 4277⁶.—The artificial resins obtained from the condensation products of urea or of phenol and HCHO are well-suited for rendering cotton fabrics crease-resistant. They are colorless, completely transparent, elastic, stable and condense slowly so that their penetration into the fabric is facilitated, and they can be absorbed from water. On the basis of expts. reported, the following optimum conditions are given for the impregnation of cotton fabrics with the artificial resin formed from urea and HCHO: The mol. ratio of urea to HCHO should be 1:2 or 2:3. The production of a transparent and elastic film is assured by the addn. of HOAc or especially by the addn. of NH_4OAc. The condensate of urea and HCHO must consist of the products of the first stage of the condensation, i. e., of a mixt. of mono- and dimethylurea with a little methylenecurea. It is recommended that before impregnation with the resin the fabric be treated with alizarin oil or be mercerized (in the case of thin fabrics). The most satisfactory temp. for impregnation is 15–20°. The final condensation and fixation of the resin on the fabric is accomplished by heating to 165–70° for 2–3 min. After treatment, the fabric is washed with hot water at 50° and with soap at 90–5°. It is permissible to replace a part of the urea by thiourea or phenol. The presence of the resin does not interfere with the dyeing of the fabric to a fast color. The carrying out of the method on a plant scale is accurately described.

M. G. Moore

ASB-91A METALLURGICAL LITERATURE CLASSIFICATION

ANOSOV, Yuriy Iosifovich; POGOZHEV, S.A., prof., red.; BEREZINA, Ye.P., red.; SAGITULLINA, R.I., tekhn. red.

[Asynchronous frequency converters; lectures on the course in "Electric machinery" for students of power engineering departments] Asinkhronnye preobrazovateli chastoty; lektsiia po kursu "Elektricheskie mashiny" dlia studentov energeticheskogo fakul'teta. Moskva, Vses. zaochnyi politekhnicheskii in-t, 1961. 13 p. (MIRA 15:8)

(Frequency changers)