DZHUVARLY, Ch. M.; DZHAFAROVA, M. M.

Discharge voltages of insulators. Izv. AN Azerb. SSR. Ser. fiz.-mat.i tekh. nauk no.1:125-128 '61. (MIRA 14:4)
(Electric insulators and insulation)

DZHAFAROVA, M.M.; DZHUVARLY, Ch.M.

Corona protection of insulators. Izv. AN Azerb. SSR. Ser. fiz.-mat.i tekh. nauk no.1:129-135 '61. (MIRA 14:4)
(Corona (Electricity))
(Electric insulators and insulation)

DZHUVARLY, Ch.M.; DZHAFAROVA, M.M.

Movement of dust particles in the electric field of an insulator. Izv. AN Azerb.SSR. Ser. fiz.-mat. i tekh. nauk 2:65-68 '61. (MIRA 14:7)

(Dust) (Electric fields) (Electric insulators and insulation)

S/081/61/000/023/048/061
B138/B101

AUTHORS: Dzhuvarly, Ch. M., Kuliyev, R. Sh., Mukharskaya, L. A., Dreyzin, M. M., Chikareva, N. I.

TITLE: Investigation of the possibility of producing transformer oil by adsorption refining

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 450, abstract 23M88 (Azerb. neft. kh-vo, no. 3, 1961, 35 - 38)

TEXT: The oils were refined by means of adsorbants, using the method developed in the VNII NP. It consists in the continuous contacting of the descending layer of the adsorbant (aluminosilicate catalyst of fractional composition 0.25 - 0.5 mm) with the ascending flow of the transformer distillate diluted with a solvent (gasoline from Surakhany selected petroleum containing 5% aromatic hydrocarbons). Analysis, according to ГОСТ 982-56 (GOST 982-56), of the adsorption-refined and also of the acid-alkaline refined oils from Baku Buzovny, Neft'yanyye Kamni, Balakhany oil and Surakhany selected crudes, showed that adsorption refining (adsorbent/crude ratio = 1:1.5) gives greater stability than

Card 1/2

the acid-alkaline method and makes possible the production of high grade oils from tarry crudes. Adsorption-refined oils have very good electrical properties: low tanδ value and high electric strength. The replacement of the old acid-alkaline by the new adsorption method of refining transformer oils will mean that a greater supply of crude is available, the operating properties of the oils will be improved and the service period in the transformers will be extended. [Abstracter's note: Complete translation.]

S/065/61/000/004/010/011
E194/E284

AUTHORS: Dzhuvarly, Ch. M. and Mukharskaya, L. A.

TITLE: An Investigation of the Stability of Transformer Oils

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1961, No. 4, pp. 64-67

TEXT: Previously the oxidation stability of transformer oil was determined by prolonged oxidation in beakers at a temperature of 105°C. This method is sensitive but lasts up to ten days and a quicker method was required for production purposes. An accelerated method which can give a result in one day uses as catalyst a steel ball of 12-14 mm diameter and a copper plate of 50 x 30 x 0.3 mm wrapped up into a cylinder. 500 ml of oil is oxidized at a temperature of 105°C in a beaker 74 mm diameter. After oxidation the oil is cooled to room temperature in a closed thermostat and determinations are made of acid number, dielectric loss angle and water soluble acid content. Results obtained by this test on transformer oil prepared in different ways from various crudes are quoted and it is concluded that the accelerated

Card 1/3

S/065/61/000/004/010/011
E194/E284

An Investigation of the Stability of Transformer Oils

method gives results comparable with those obtained by the long term method and is also in agreement with the ВТИ (VTI) method (Standard ГОСТ 981-55 (GOST 981-55)). Of course the method assesses the degree of ageing of the oils only in the initial stages of oxidation and does not characterize the later stages of ageing including sludge formation. The composition of the various oils studied was examined by the n - d - A method which is based on determining the refractive index, the density and the aniline point. This method was used to determine the aromatic ring content of various oils and it is concluded that one cause of the low stability of oils derived from Buzovny crude may be the high content of aromatic hydrocarbons. To determine their fractional composition the oils were subjected to vacuum distillation. The oils were split up into narrow fractions and the narrow fractions and mixtures of them were oxidized for eight days in open vessels at a temperature of 105°C. The oils were assessed according to the acid number, the content of water soluble acids and the reaction of aqueous extract after oxidation. Once again oils from

Card 2/3

S/065/61/000/004/010/011
E194/E284

An Investigation of the Stability of Transformer Oils

Buzovny crude are of less oxidation stability than those of Balakhany. They also differ in oxidation stability of the narrow fractions, all fractions of the Balakhany oil have aqueous extract of neutral reaction after oxidation, whilst the corresponding fractions of Buzovny oil have a high content of low molecular weight acid and for the higher fractions also have aqueous extract of acid reaction. Oxidation test results on different fractions of given feed stocks show that the stability is less in the fractions with higher boiling point. This is because of the high content of asphalt-resinous substances and of heavy aromatic hydrocarbons in the higher boiling fractions. The results demonstrate the possibility of improving the stability of the oils by reducing the top temperature of fractionation. In the case of Buzovny oils high stability is achieved by selecting fractions within the boiling range of 350-420°C. In order to obtain stable transformer oils the boiling range selected should depend on the crude. There are 3 figures, 3 tables and 5 references: 4 Soviet and 1 non-Soviet.

ASSOCIATION: Energeticheskiy in-t Azerb. SSR
(Power Engineering Institute Azerb. SSR)

Card 3/3

S/081/62/000/013/040/054
B156/B101

AUTHORS: Dzhuvarli, Ch. M., Mukharska, L. A.

TITLE: Research on transformer oils

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1962, 532, abstract 13M188 (Elektroenergiya, v. 12, no. 8, 1961, 3-7)

TEXT: The results of research into the electrical properties and stability of transformer oils (TO) produced from Baku petroleum are given in an article by members of the Energetich. in-t AN AzerbSSR (Power Engineering Institute AS AzSSR). This shows that the dielectric loss and electrical conductivities of freshly prepared TO, which have been refined by the action of acid and alkalis are governed by the sodium naphthenates remaining in the TO as a result of insufficient refining. The addition of bituminous substances and naphthenic acids reduce the coefficients of dielectric loss and electrical conductivities of Na-soap/TO systems through adsorption of colloidal particles in the soaps. The oxidability of TO is governed by the properties of the raw material and by particular features of the production technology adopted. When using bituminous oils, the present

Card 1/2

Research on transformer oils

S/081/62/000/013/040/054
B156/B101

method of alkali-acid refining ensures that the TO are stable only if the consumption of H_2SO_4 is high. The adsorption method of refining opens up prospects for improving the quality of the TO produced from bituminous petroleums. [Abstracter's note: Complete translation.]

Card 2/2

DZHUVARLY, Ch.M.; KULIYEV, R.Sh.; MUKHARSKAYA, L.A.; DREYZIN, M.M.; CHIKAREVA, N.I.

Studying the possibility of producing insulating oils by adsorption refining. Azerb. nefti. khoz. 40 no. 3:35-38 Mr '61. (MIRA 14:5)
(Insulating oils)

BAGIROV, M.A.; VECHKHAYZER, G.V.; DZHUVARLY, Ch.M.; RASHEVSKAYA, T.A., red.; BAGIROVA, S., tekhn. red.

[Electrothermal means of increasing oil reservoir recovery] Elektrotermicheskie sposoby uvelicheniia nefteotdachi plastov. Baku, Azerneshr, 1962. 174 p. (MIRA 15:11)

1. Chlen-korrespondent Akademii nauk Azerbaydzhanskoy SSR (for Dzhuvarly).

(Oil reservoir engineering)

BAGIROV, M.A.; VECHKHAYZER, G.V.; DZHUVARLY, Ch.M.; EPSHTEYN, E.M.

Temperature distribution and conditions for the stability of combustion in the heating of an oil-bearing stratum. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.1:77-87 '62. (MIRA 15:4)
(Petroleum engineering)

SYROMYATNIKOV, I.A.; MAMIKONYANTS, L.G.; MAMEDOV, A.M.; KULI-ZADE, K.N.; ABDURASHITOV, S.A.; DZHUVARLI, Ch.M.; RUSTAM-ZADE, P.B.; GUSEYNOV, F.G.; GAZAR'YAN, S.I.; EGENDI-ZADE, A.A.; ALI-ZADE, A.S.

B.P. Al'bitskii; obituary. Elektrichestvo no.12:88 D '62. (MIRA 15:12)

(Al'bitskii, Boris Petrovich, 1887-1962)

BAGIROV, M. A.; BECHKHAIZER, G. V.; DZHUVARLY, Ch. M.; SHTEYNSHRAYBER, V. Ya.

Electrothermal action on oil-bearing layers. Trudy ENIN AN Azerb. SSR 15:53-67 '62. (MIRA 15:10)

(Oil well logging, Electric)

S/081/63/000/004/035/051
B194/B180

AUTHORS: Aliyev, Z. E., Dzhuvarly, Ch. M., Klimova, N. V., Loginova, S. N., Melikova, T. A.

TITLE: Effect of electric parameters on the refining of oil in a high voltage field

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 4, 1963, 521-522, abstract 4P162 (Tr. Energ. in-ta. AN AzerbSSR, 15, 1962, 46-52 [summary in Azerb.])

TEXT: As a result of work on the determination of the parameters of a continuous plant for the sulfuric acid refining of oil distillates in an electric fractionater it was found that the distillate oil-avtol 10, treated with sulfuric acid, can be successfully refined in the electric fields of different forms of voltage (industrial frequency, rectified and pulsed by mono- and dipole waves) at appropriate field gradients. Each type of voltage and field configuration has its own optimum gradient at which the color of the refined oil conforms with ГОСТ (GOST) standards. The time required for refining is not constant, but depends on the electrical and technological parameters of the plant. A circuit diagram is given for the experimental

Card 1/2

Effect of electric parameters on... S/081/63/000/004/035/051
B194/B180

plant. [Abstracter's note: Complete translation.]

Card 2/2

BAGIROV, M.A.; VECHKHAYZER, G.V.; DZHUVARLY, Ch.M.; EPSHTEYN, E.M.

Effect of breaks in air supply on the process of thermal treatment of an oil-bearing bed. Izv. AN Azerb. SSR.Ser. fiz.-mat. i tekh. nauk no.3:109-115 '63. (MIRA 16:11)

KADYMOV, Ya.B.; DZHUVARLY, Ch.M.; ABDURRAKHMANOV, M.I.; KULIYEV, Z.Ya.

Numerical method of calculating transients in electric circuits with distributed parameters without allowance for losses. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.4:45-51 '63. (MIRA 16:12)

DZHUVARLY, Chingiz Mekhtiyevich; IVANOV, Konstantin Ivanovich; KURLIN, Mikhail Vladimirovich; LIPSHTEYN, Rafail Aleksandrovich; MUKHARSKAYA, Leyli Adamovna; LEVINA, Ye.S., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Insulating oils] Elektroizoliatsionnye masla. [By] Ch.M. Dzhuvarly i dr. Moskva, Gostoptekhizdat, 1963. 274 p. (MIRA 16:4)

(Insulating oils)

DZHUVARLY, Ch.M., akademik; MUKHARSKAYA, L.A., kand.tekhn.nauk

Improvement of the quality of transformer oil from Baku crudes. Elektrotekhnika 35 no.2:33-36 F '64. (MIRA 17:3)

1. AN Azerbaydzhanskoy SSR (for Dzhuvarly).

DZHUVARLY, Ch.M., akademik; MUKHARSKAYA, L.A., kand.tekhn.nauk; GOL'DSHTEYN, D.L., kand.tekhn.nauk; OSIPOV, L.N., kand.khim.nauk

[Transformer oils from sulfur-bearing petroleum. Elektrotekhnika 36 no.12:29-31 D '65. (MIRA 19:1)

1. AN AzerbSSR (for Dzhuvarly).

L 11547-66 EWT(d)/EWP(k)/EWP(l)

ACC NR: AP6005029 SOURCE CODE: UR/0105/65/000/001/0091/0092

AUTHOR: Azimov, B. A.; Alizade, A. A.; Aslanov, R. K.; Guseynov, F. G.; Dzhuvarly, Ch. M.; Yel'yashevich, Z. B.; Kadymov, Ya. B.; Kulizade, K. N.; Kyazimzade, Z. I.; Mamikonyants, L. G.; Petrov, I. I.; Rustamzade, P. B.; Spirin, A. A.; Syromyatnikov, I. A.; Esibyan, M. A.; Efendizade, A. A.

ORG: none

30
29
B

TITLE: Professor Boris Maksimovich Plyushch

SOURCE: Elektrichestvo, no. 1, 1965, 91-92

TOPIC TAGS: electric engineering, electric engineering personnel, petroleum engineering personnel, petroleum engineering

ABSTRACT: Brief biography of subject, a doctor of technical sciences and head of Department of Electric Power and Automation in Industry at the Azineftekhim (Azerbaydzhan Petrochemical Institute), on the occasion of his 60th birthday in October 1964. Graduating from Azerbaydzhan Polytechnical Institute imani Azizbekov, subject worked in Caspian shipping industry and later headed the designing division at the Azerbaydzhan department of Elektroprom. With Azineftekhim since 1927, starting as laboratory assistant; department head since its formation in 1938; deputy dean of power engineering division in 1943-45. One of top Soviet experts on the electric power supply and electrical equipment of the petroleum industry, he has trained many engineers and scientists for this field and is the author of over 60 published works and inventions. Widely known are his works on

Card 1/2 UDC: 621.313.1/:3

L 11547-66

ACC NR: AP6005029

determining power losses in drilling. He was the first to investigate the problem of selecting the most suitable power characteristics with due consideration for wave-like torque distribution along the drilling string. He did research on the automatic regulation of drill feed, critical roller-bit speeds, self-starting electrical pumps, etc. A party member since 1945, subject has been awarded the Order of the Red Banner of Labor. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 09, 13 / SUBM DATE: none

HW

Card 2/2

ABDULLAYEV, G.B.; IBRAGIMOV, N.I.; MAMEDOV, Sh.V.; DZHUVARLY, T.Ch.

State of an Mn impurity in Se. Dokl. AN Azerb. SSR 21 no.4:13-16 '65. (MIRA 18:7)

1. Institut fiziki AN AzerSSR.

DZHUZHA, M.S.

USSR/ Microbiology, General Microbiology F-1

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24034

Author : Dzhuzha, M. S.
Inst : Not given
Title : On the Phenomenon of Browning of Beef-Peptone Agar Caused by Flexner Dysentery Bacteria.

Orig Pub: Zdravookhr. Tadzhikistana, 1957, No 1, 44

Abstract: After Flexner's dysentery bacteria were transferred 2-3 times on BPA, there appeared a diffused light or dark brown coloration in 106 of 300 investigated cultures along the formed streaks. Of these 43.4% comprised type V, 20% type W, and 39% a type not agglutinated by YWZ sera.

Card 1/1

L 26515-66 EWP(m)/EWT(1)/T-2 IJP(c)

ACC NR: AP6011514 SOURCE CODE: UR/0382/66/000/001/0065/0073

AUTHOR: Golitsyn, G. S.; Dzhuzumkulov, T.; Stanyukovich, K. P.

ORG: none

66
B

TITLE: General solution of the equations of magnetohydrodynamics for one dimensional non-stationary and plane stationary motions

SOURCE: Magnitnaya gidrodinamika, no. 1, 1966, 65-73

TOPIC TAGS: magnetohydrodynamics, mhd flow, [redacted] magnetic field, ideal gas

ABSTRACT: The authors consider the solution of the equations of magnetohydrodynamics for the case of a gas having ideal conductivity, for one dimensional non-stationary and plane stationary motion in a magnetic field perpendicular to the direction of motion. While the fundamental results were previously obtained by one of the authors (with S. A. Kaplan, DAN SSSR 1954, v. 95, 4, 769), the present article presents a solution which is more general and is applicable to one dimensional non-stationary motions. The method used to derive the equation is similar to that used first in ordinary gas dynamics by one of the authors (Stanyukovich, Inzh. zhurnal v. 4, 318, 1964) to investigate plane stationary motions. The resultant partial differential equations are solved approximately by the Chaplygin method. The degree of approximation of the results is briefly discussed. Orig. art. has: 48 formulas.

SUB CODE: 20/ SUBM DATE: 20Oct65/ ORIG REF: 007/ OTH REF: 002

2

Card 1/1 UDC: 533.95:538.4

DZHVAKHISHVILI, Aleksandr Nikolaevich

DZHVAKHISHVILI, Aleksandr Nikolaevich. Geomorfologicheskie raiony Gruzinskoi SSR; tipy rel'efa i raiony ikh rasprostraneniia. Moskva, 1947. 178 p. (Institut geografii AN SSSR i Institut geografii im. Vakhushti AN Gruzinskoi SSR.).
"Literatura": p. 144-[172]

DLC: GB276.G4D9

SO: LC, Soviet Geography, Part II, 1951/Unclassified

DZHVARISHEYSHVILI, G.G.

Study of the effect of vitamin D_2 on the excitability of tissue chemoreceptors in healthy animals. K izuch.roli nerv.sist. v pat., immun.i lech.tub. no.2:365-368 '61. (MIRA 15:10)

1. Iz laboratorii eksperimental'noy patologii i terapii (zav. - G.S.Kan) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza.
(ERGOCALCIFEROL) (TUBERCULOSIS) (TISSUES—INNERVATION)

DZHVARSHEISHVILI, A. G.

Def. at
Tbilisi State U.

ла системы дифференциальных уравнений колебания сферической оболочки через аналитические функции комплексной переменной и некоторые его применения. 1952. 58 с. (Тр. ТГУ, т. 52, 1954).

Защ. 1953, 23.4.

706. ხაბაიძე ალექსანდრე. ფენოვანის ფირფიტის ბოლოური ამოცანების ეფექტური ამოხსნის შესახებ (ინდივიდ. ანგ. მა., ტ. 14, 1941).

დოცენტი 1937, 22.6.

Саникидзе Александр. Об эффективных решениях некоторых задач теории упругости. (Тр. индустр. инст., т. 14, 1924).

Защ. 1937, 22.6.

707. ზომაშვილი სიმონ ხიმონის ძე. ერთი კლასის წრფივი სინგულარული განტოლებისა ფურიეს ინტეგრალის ძირითადი მნიშვნელობის აზრით და ამის ზოგიერთი გამოყენება. 1945. 49 ს.

დოცენტი 1946, 28.2.

Шаташвили Семен Хаимович. Теория одного класса линейного сингулярного интегрального уравнения с главным значением интеграла в смысле Коши Лебега и его применения 1945. 49 с.

Защ. 1946, 28.2.

708. ნაკაშიძე ხვიჩა ხიმონის ძე. ბინომიალის ხასიათისა ამოცანა ანალიზურად ეფუნქციათაგან და სინგულარულად განტოლებათა სისტემები. 1952. XI, 106 ს.

დოცენტი 1953, 30.6.

Чавчанидзе Сергей Семенович. Граничная задача Гаусмана для нескольких неизвестных функций и системы сингулярных интегральных уравнений. 1952. XI, 106 с.

Защ. 1953, 30.6.

709. ცანავოძე ვახტანგ ვლადიმერის ძე. წრფივი მრავალგანზომილებიანი ფენომენიკურული ზედაპირის 1953. 93 ს.

დოცენტი 1953, 3.11.

Цинцадзе Вахтанг Георгиевич. О проективном изгибании плоских сетей кривых. 1953. 93 с.

Защ. 1953, 3.11.

710. ცაბაძე ბარამი ალექსანდრეს ძე. ორმაგი ფურიეს ჯამებისადმი ნორლუნდის ოპერატორის ზოგიერთი. ხარკი. 1950. II, 57 ს.

დოცენტი 1951, 5.5.

Цхакая Тариел Гусарович. Суммирование двойных рядов методом Норлунда. Сухум. 1950. II, 57 с.

Защ. 1951, 5.5.

711. ცხადაია ფიქრეტი ალექსანდრეს ძე. ბოგანტიანი ხელოვნებიდან XIX საუკუნეში. 1942. 108 ს.

დოცენტი 1942, 19.12

Цхадая Доментий Георгиевич. Математика в Грузии до XIX столетия. 1942. 108 с.

Защ. 1942, 19.12.

712. ფოცანიძე ეფიმანეს ხიმონის ძე. ზოგიერთი კერძო წარმოებულებიანი ფუნქციონალური განტოლების ამოხსნისა შესახებ. 1937. (ინ. მა., ტ. 13, 1940).

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Цицаниадзе Эльдар Семенович. О решениях некоторых дифференциальных уравнений с частными производными. 1937. (Тр. ТГУ, т. 13, 1940).

Защ. 1937, 21.6.

713. ჯალიაშვილი აკაკი ალიოზის ძე. წარმოებული რიცხვები და ინტეგრალი. 1950. 8 ს.

დოცენტი 1950, 16.3.

Джавришвили Акакий Георгиевич. Производные числа и интеграл. 1950. 8 с.

Защ. 1950, 16.3.

* * *

714. ბერიაშვილი ანდრეი ივანეს ძე. ბრტყელი ფენის ფირფიტის ოთხ ტალღოვანი ფენილების ზღვრული ზომა. 1937. 16 ს., ილ.

Защ. 1938, 17. 6.

683

Dissertation for degree of

Candidate Mathematical Sciences

DZHVARSHEYSHVILI, A. G.

2

Mathematical Reviews
Vol. 14 No. 7
July - August 1953
Analysis

8-10-54
LL

Džvaršeĭšvili, A. G. On a criterion of convergence of a Fourier series. Soobšeniya Akad. Nauk Gruzin. SSR 11, 403–407 (1950). (Russian) No. 7

Suppose $f(x)$ is an integrable function over the interval $(-\pi, \pi)$ vanishing on a closed subset E. It is shown that the Fourier series of $f(x)$ converges to zero at every point of density of the set E provided

$$(*) \qquad \sum_{i=1}^{\infty} \omega(f, \delta_i) < +\infty$$

where the δ_i are the intervals contiguous to E in $(-\pi, \pi)$ and $\omega(f, \delta)$ is the oscillation of $f(x)$ over the interval δ. This result is used to prove that if $f(x)$ is bounded on E, satisfies $(*)$, and has finite derivates at the points of density of E, and if $g(x)$ is integrable on $(-\pi, \pi)$ and is bounded on the complement of E, then the Fourier series of the functions $g(x)f(x)$ and $g(x)f(x_0)$ are equiconvergent at every point x_0 of density of E. *G. Klein* (South Hadley, Mass.).

DZHVARSHEYSHVILI, A.G.

3

Mathematical Reviews
Vol. 14 No. 7
July - August 1953
Analysis

Dzvarsheĭshvili, A. G. On the representation by singular integrals of functions integrable in the sense of Denjoy-Perron. Soobšceniya Akad. Nauk Gruzin. SSR 11, 473-478 (1950). (Russian) No. 8

A function $\phi_n(t, x)$ $(a \leq x \leq b, a < t < b, n = 1, 2, \cdots)$ is said to be a kernel if $\lim_{n\to\infty} \int_\alpha^\beta \phi_n(t, x)dt = 1$ holds for any α, β

(OVER)

such that $a \leq \alpha < x < \beta \leq b$. The author proves the following theorem. Let $f(x)$ be a function integrable in the sense of Denjoy-Perron, and let $\phi_n(t, x)$ be a kernel satisfying the following conditions: (1) $\phi_n(t, x) > 0$ $(n = 1, 2, \cdots)$; (2) $\int_a^b \phi_n(t, x)dt \leq K(x) < \infty$ $(n = 1, 2, \cdots)$; (3) for fixed x, $\phi_n(t, x)$ as a function of t is increasing on the interval $[a, x]$ and decreasing in the interval $[x, b]$. Then

$$\lim_{n \to \infty} \int_a^b f(t)\phi_n(t, x)dt = f(x)$$

at every point x at which $f(t)$ is equal to the derivative of its integral. The proof is based on the following theorem. Let $g_1(x), g_2(x), \cdots$ be a sequence of functions defined in $[a, b]$, of bounded variations and such that $\lim_{n \to \infty} \int_a^c g_n(x)dx = 0$ for any $a \leq c \leq b$. If

$$|g_n(x)| \leq M, \quad V_a^b(g_n) \leq M \quad (a < x < b, n = 1, 2, \cdots),$$

then $\lim_{n \to \infty} \int_a^b f(t)g_n(t)dt = 0$ holds for any function $f(x)$ integrable in the sense of Denjoy-Perron. *M. Cotlar.*

9-16-54
LL

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000411920004-0"

DZHVARSHEYSHVILI, A.G.

Mathematical Reviews
Vol. 14 No. 7
July - August 1953
Analysis

Dzvarčeĭšvili, A. G. On integration and differentiation under the Denjoy integral sign. Soobšteniya Akad. Nauk. Gruzin. SSR 12, 385-392 (1951). (Russian)

Let $f(x, y)$ be a measurable function defined on the 2-dimensional interval $[a \leq x \leq b, c \leq y \leq d]$ and separately (D) integrable in each variable. Theorem: Let $E \subset (c, d)$ be a measurable set with the following properties: (1) for every interval $(\alpha, \beta) \subset (a, b)$ the function $\phi(y) = \int_\alpha^\beta f(x, y)dx$ is summable on E and $\int_E \phi(y)dy$ is a continuous function of the interval (α, β); (2) every closed set $\phi \subset (a, b)$ contains a portion P such that $f(x, y)$ is summable for $x \in P$, $y \in E$; (3) if $\{(\alpha_i, \beta_i)\}$ are the intervals contiguous to P, then the sequence of integrals $\{\int_E dy \sum_{i=1}^n \int_{\alpha_i}^{\beta_i} f(x, y)dx\}$ is uniformly absolutely continuous on E and $\sum_{i=1}^\infty |\int_{\alpha_i}^{\beta_i} f(x, y)dx|$ converges to almost all $y \in E$. Then the integral $\int_a^b dx \int_E f(x, y)dy$ exists and $\int_a^b dx \int_E f(x, y)dy = \int_E dy \int_a^b f(x, y)dx$. Several other theorems of the same kind are given. *M. Collar.*

DZHVARSHEYSHVILI, A. G.

2

Mathematical Reviews
Vol. 14 No. 7
July - August 1953
Analysis

Džvaršeĭšvili, A. G. On a sequence of integrals in the sense of Denjoy. Akad. Nauk Gruzin. SSR. Trudy Mat. Inst. Razmadze 18, 221–236 (1951). (Russian. Georgian summary)

A sequence of functions $F_1(x), F_2(x), \cdots$ defined on the interval (a, b) is said to be uniformly (AC*) [(AC)] on the set $E \subset (a, b)$ if given $\epsilon > 0$ there is an $\eta > 0$ such that for every system of intervals $\{\delta_k\}$ whose end-points belong to E the inequality $\sum_1^m |\delta_k| < \eta$ implies

$$\sum_1^m \omega(F_n; \delta_k) < \epsilon \quad \left[\sum_1^m |\Delta(F_n; \delta_k)| < \epsilon\right] (n = 1, 2, \cdots),$$

where $\omega(F_n; \delta_k)$ $[\Delta(F_n; \delta_k)]$ denotes the oscillation [the increment] of $F_n(x)$ on the interval δ_k. The sequence $\{F_n(x)\}$ is uniformly (ACG*) [(ACG)] on (a, b) if every perfect set $E \subset (a, b)$ contains a portion $P \subset E$ such that $\{F_n(x)\}$ is uniformly (AC*) [(AC)] on P.

Theorem: Let $f_1(x), f_2(x), \cdots$ be a sequence of functions which are (D)-integrable [(D^*)-integrable] on (a, b) and converge to a limit function $f_0(x)$. If the sequence $\{F_n(x) = \int_a^x f_n(t)dt\}$ is uniformly (ACG) [(ACG*)] and uniformly continuous on (a, b), then the limit function $f_0(x)$ is (D)-integrable [(D^*)-integrable] and

$$\lim_{n\to\infty} \int_a^b f_n(x)dx = \int_a^b f_0(x)dx.$$

(O. I. Ł)

7-13-54
LL

The author obtains several other conditions for the term-by-term integration and gives the following application to Fourier-Denjoy series. Let $f(x)$ be (D)-integrable, $g(x)$ of bounded variation on $(0, 2\pi)$, and let a_n, b_n and a_n', b_n' be the Fourier coefficients of $f(x)$ and $g(x)$ respectively. Then the series $\frac{1}{2}a_0a_0' + \sum_1^\infty (a_na_n' + b_nb_n')$ is summable (C, α) to the value $\pi^{-1}\int_0^{2\pi} f(x)g(x)dx$, for $\alpha > 0$. *M. Collar.*

DZVARSEYSEVILI, A. G.

(2) Math 3

Mathematical Reviews
Vol. 15 No. 1
Jan. 1954
Analysis

7-14-54
LL

Dživaršeĭšvili, A. G. On representation of a function by a Fourier integral. Soobščeniya Akad. Nauk Gruzin. SSR 13, 201–205 (1952). (Russian)

This paper is concerned with the analog for Fourier integrals of a convergence criterion for Fourier series obtained earlier by the author [same Soobščeniya 11, 403–407 (1950); these Rev. 14, 635]. The present results, though derivable from those of the series case, are given separate treatment. The basic result is that if the integrable function $f(x)$ vanishes on a closed set E of positive measure on whose contiguous intervals $d_k f$ has oscillations $\omega(d_k; f)$, then the integral

$$S_\omega(x; f) = \pi^{-1} \int_{-\infty}^{\infty} f(x+t) t^{-1} \sin \omega t dt$$

converges to $f(x)$ at every point of density of E provided $\sum_{k=1}^{\infty} \omega(d_k; f) < +\infty$. *G. Klein* (South Hadley, Mass.).

DZVARSEYSVILI, A. G.

Mathematical Reviews
Vol. 14 No. 10
November 1953
Analysis

Dzvarseisvili, A.G. On approximation of a function of two variables by trigonometric polynomials. Soobscenija Akad. Nauk Grusin. SSR 13, 449-455 (1952). Russian

Let $F(x,y)$ be a continuous function of period 2π in each variable. By $E_{mn}[F]$ we denote the best approximation of F by trigonometric polynomials $T_{mn}(x,y)$ of order m in x and n in y. Let

$$w(F,\delta,\eta)=\sup_{|x_1-x_2|\leq\delta,\ |y_1-y_2|\leq\eta} |F(x_1,y_1)-F(x_2,y_1)-F(x_1,y_2)+F(x_2,y_2)|,$$

be the modulus of continuity of F in x, y, and let $w_{x_0}(F,\eta)$ be the modulus of continuity of F in y alone, for $x=x_0$ fixed; $w_{y_0}(F,\delta)$ is defined similarly. Finally, let $\Delta^2(F,x,y,h,k)$ be equal to

$$F(x+h,y+k)+F(x-h,y+K)+F(x+h,y-k)$$
$$+F(x-h,y-k)+4F(x,y)-2F(x+h,y)$$
$$-2F(x-h,y)-2F(x,y+k)-2F(x,y-k).$$

Then: 1) We have

$$E_{mn}(F)=C[w(F,m^{-1},n^{-1})+w_{x_0}(F,n^{-1})+w_{y_0}(F,m^{-1})$$

(over)

provided there exists a constant $M > 0$ and a point (x_0, y_0) such that

$$w_x(F, \quad) = M w_{x_0}(F, \quad), \quad w_y(F, \quad) = M w_{y_0}(F, m^{-1})$$

for every (x,y).2) If $Emn[F] \leqq A/mn$ $(m,n=1,2,\ldots)$, then, with a suitable $N > 0$, we have $|\Delta^2(F,x,y,h,k,)| \leqq M(h=k)$.3) If, in addition, $\lambda^{-1} \leqq h/k \leqq \lambda$, then $|\Delta^2(f,x,y,h,k)| \leqq Mhk$, with $M = \mu\lambda$. 4) If

$$|\Delta^2(F,x,y,h,k)| \leqq Mhk,$$
$$|F(x=h,y) = F(x-h,y) - 2F(x,y)| \leqq Mh,$$

and if the latter condition holds with x and y interchanged, then $Emn[F] \leqq A(m^{-1} = n^{-1})$. A. Zygmund.

DZHVARSHEYSHVILI, A. G.

① math
3

Mathematical Reviews
Vol. 14 No. 10
Nov. 1953
Analysis

7-13-54
LL

Džvaršeĭšvili, A. G. On summation of double trigonometric series by Riemann's method. Soobščeniya Akad. Nauk Gruzin. SSR 13, 513–518 (1952). (Russian)

Let $\Delta^2(F, x, y, h, k)$ be defined as in the preceding review. With every double trigonometric series (S) we associate a function $F(x, y)$ obtained as the sum of the series integrated termwise twice with respect to x and twice with respect to y. The series (S) is said to be summable R_λ at the point (x, y) to sum s if the series defining F converges in the neighborhood of (x, y) and if $\lim_{u,v\to 0}\Delta^2(F, x, y, 2u, 2v)/16u^2v^2 = s$, provided u and v tend to $+0$ in such a fashion that $\lambda^{-1} \leq u/v \leq \lambda$. The main result of the paper is that if (S) is the Fourier series of an $f \in L$ and if it converges in the Pringsheim sense almost everywhere, then it is summable R_λ almost everywhere, to the same sum. *A. Zygmund.*

DZHVARSHEYSHVILI, A. G.

Mathematical Reviews
May 1954
Analysis

10-5-54
LL

Džvaršeĭšvili, A. G. On N. N. Luzin's theorem for functions of two variables. Soobščeniya Akad. Nauk Gruzin. SSR 14, 11–15 (1953). (Russian) No. 1.

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The following analog for two dimensions is given for Lusin's theorem: If $f(x, y)$ is measurable and finite almost everywhere in the square $R_0=[-\pi, \pi; -\pi, \pi]$, there exists a continuous $F(x, y)$ such that $F_\lambda'(x, y)=f(x, y)$ almost everywhere in R_0. Here $F_\lambda'(x, y)=(\lambda)\lim_{h\to 0}(hk)^{-1}\Delta(F, x, y, h, k)$, where $(\lambda)\lim$ is taken under the restriction that $\lambda^{-1}\leqq h^{-1}k\leqq\lambda$, $\lambda\geqq 1$, and

$$\Delta(F, x, y, h, k)=F(x, y)-F(x+h, y)-F(x, y+k)+F(x+h, y+k).$$

No proof is given, but the author indicates how to obtain, using a suitable collection of Cantor step functions, the result: If $\Phi(x, y)$ is continuous on R_0 there exists for every $\epsilon>0$ a continuous F agreeing with Φ on the boundary of R_0 such that almost everywhere $\Delta(F, x, y, h, k)=0$ for sufficiently small h and k and $|\Phi(x, y)-F(x, y)|<\epsilon$ on R_0. It is stated as an application that there exists for any such f a double trigonometrical series which is summable R_λ almost everywhere to $f(x, y)$, the R_λ sum being $(\lambda)\lim_{h\to 0}(hk)^{-2}\Delta^2(R, x, y, h, k)$, where R is the result of integrating the series twice with respect to each variable and $\Delta^2(R, x, y, h, k)=\Delta(\Delta(R, x, y, h, k), x-h, y-k, h, k)$.

G. Klein (South Hadley, Mass.).

DZHVARSHEYSHVILI, A. G.

Theory of Functions of a Real Variable (2915)

Soobshch. AN Gruz. SSR, Vol. 14, No. 7, 1953, pp 393-398

Fubini's Theorem for the Double Integral of D'Anjois

Presents without proof several theorems on sufficient conditions for the possibility of reducing a double integral to the iterated type.

SO: Referativnyy Zhurnal -- Matematika, No. 4, 1954 (W-30907)

DZHVARSHEYSHVILI, A.G.

Normed space of Denjoy-integrable functions. Trudy Tbil.mat.inst. 19:153-162 '53. (MLRA 7:8)
(Spaces, Generalized) (Functions)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000411920004-0"

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000411920004-0"

DZHVARSHEYSHVILI, A.G.

On one A.Zygmund inequality for functions of two variables. Soob.AN Gruz. SSR 15 no.9:561-568 '54. (MLRA 8:9)

1. Akademiya nauk Gruzinskoy SSR, Tbilisskiy matematicheskiy institut im. A.M.Razmadze. Predstavleno deystvitel'nym chlenom Akademii V.D.Kupradze.

(Functions of several variables)

DZHVARSHEYSHVILI, A.G.

Summation of double trigonometric series by the Riemann method. Trudy Tbil.mat.inst.20:157-166 '54.
(Fourier's series) (MIRA 8:8)

DZHVARSHEYSHVILI, A.G.

Application of S.N.Bernshtein's inequality of integrated functions in space(D*). Soob.AN Gruz.SSR 16 no.4:257-262 '55. (MIRA 8:12)

1. Akademiya nauk Gruzinskoy SSR. 2. Tbilisskiy matematicheskiy institut imeni A.M.Razmadze. Predstavleno akademikom N.I.Muskhelishvili.

(Functions)

DZHVARSHEYSHVILI, A.G.

Generalization of absolutely continuous functions of two variables. Trudy Tbil.mat.inst.no.21:77-110 '55. (MIRA 9:7)
(Functions, Continuous)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000411920004-0"

DZHVARSHEYSHVILI, ALEKSANDR GAYOZOVICH

DZHVARSHEYSHVILI, Aleksandr Gayozovich, kand.tekhn.nauk; MAMRADZE, Grigoriy Petrovich, kand.tekhn.nauk; IVANOV, A.Ye., otvetstvennyy red.; MADMINSKAYA, A.A., tekhn.red.

[Organization of hydraulic filling in coal mines] Organizatsiia gidrozakladochnogo khoziaistva na ugol'nykh shakhtakh. Moskva, Ugletekhizdat, 1957. 182 p. (MIRA 11:4)
(Hydraulic mining)

DZHVARSHEYSHVILI, A.G.

Integrating products of two functions. Trudy Mat. inst. AN Gruz. SSR 24:35-51 '57. (MIRA 11:3)

(Functions of several variables)
(Integrals, Multiple)

DZHVARSHEYSHVILI, A.G.

Denjoy integral and some analytic problems. Trudy Mat.inst. AN Gruz.SSR 25:273-372 '58. (MIRA 12:4)
(Integrals, Generalized)

DZHVARSHEYSHVILI, A.G.

Analytic functions inside a unit circle. Trudy Mat.inst.AN Gruz.SSR 25:373-410 '58. (MIRA 12:4)
(Functions, Analytic)

DZHVARSHEYSHVILI, A.G.

Functions conjugate with D-integrable functions. Soob.AN Gruz. SSR 23 no.4:385-389 O '59. (MIRA 13:5)

1. Akademiya Nauk Gruzinskoy SSR, Tbilisskiy matematicheskiy institut imeni A.M. Razmadze. Predstavleno chlenom - korrespondentom Akademii G.S.Chogoshvili.
(Functions)

DZHVARSHEYSHVILI, A.G.

Conjugate functions. Trudy Mat.inst.AN Gruz.SSR 26: 105-119 '59. (MIRA 13:6)
(Functions, Periodic)

DZHVARSHEYSHVILI, A.G.

Determination of technological indices of Nakeral'skiy weakly cemented sandstones for hydraulic backfilling purposes. Trudy Inst.gor.dela AN Gruz.SSR 2:111-118 '60. (MIRA 14:10)
(Georgia--Sandstone) (Mining engineering)

S/263/62/000/011/011/022
I007/I207

AUTHOR: Dzhvarsheyshvili, A. G.

TITLE: Measuring water hammer in a two-component (binary) mixture flowing through small-diameter pipes

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 32. Izmeritel'naya tekhnika, no. 11, 1962, 33, abstract 32.11.242. In collection: "Novyye metody izmereniy i pribory dlya gidravlich. issled". M., AN USSR, 1961, 159-161

TEXT: A special measuring device for investigations of water hammer in pulp pipe-lines 80.5 mm, has been designed at the Institut Gornogo dela AN Gruzinskoy SSR (Mining Institute, AS, Georgian SSR). Instead of the МИ-1 (MI-1) and МИ-2 (MI-2) piston pressure transmitters having a minimum measuring error of 8-12% the device uses special strain-gage transducers for a 200-400 ohm range, made of constantan wire and having a base width of 50-60 mm. The strain-gage transducers are connected with and amplifier whose output is recorded by a МПО-2 (MPO-2) oscillograph. The frequency of natural oscillations of the vibrators ranges from 1200 to 3000 cps. The sensing device is of the following design: a 20 mm diameter receiver is filled with grease; the sensing wire of the gage is glued to this receiver. Statical and semidynamic calibration of the strain gages was carried out on a hydraulic press by quickly varying the pressure over a range from 15 to 35 kg/cm^2. The error of the measuring device with strain-gage transducer is approximately 1.5% but decreases during prolonged research work as a result of frequent testing and rating, to 0.2-0.5%. There are 2 figures.

[Abstracter's note: Complete translation.]

Card 1/1

DZHVARSHEYSHVILI, A.G.

Determining the intensity of water hammer in the pulp line during hydraulic transportation of sand. Soob. AN Gruz. SSR 27 no.6:731-737 D '61. (MIRA 15:2)

1. Institut gornogo dela im. G.A.TSulukidze AN Gruzinskoy SSR, Tbilisi. Predstavleno chlenom-korrespondentom AN Gruzinskoy SSR A.A. Dzidziguri.

(Water hammer)
(Hydraulic conveying)

DZHVARSHEYSHVILI, A.G.; ZURABASHVILI, I., red.; IMNADZE, K.I., red. izd-va; DZHAPARIDZE, N.A., tekhn. red.

[Study and improvement of hydraulic filling operations in mines of the Tkibuli coal deposit]Issledovanie i usovershenstvovanie gidrozakladochnykh khoziaistv shakht Tkibul'skogo mestorozhdeniia uglei. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 215 p. (MIRA 15:11)
(Tkibuli region--Mine filling)

DZHVARSHEYSHVILI, A.G., kand. tekhn. nauk

Conference on hydraulic engineering machinery. Gidr. stroi. 32 no.3:59-60 Mr '62. (MIRA 16:7)

(Hydraulic engineering—Equipment and supplies)

DZHVARSHEYSHVILI, A.G.

Boundary properties of analytic functions of several variables. Trudy Mat. Inst. AN Gruz. SSR 29:147-167 '63.

(MIRA 17:12)

DZHVARSHEYSHVILI, Aleksandr Gayozovich; BELOV, V.S., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Pressure transducers for automatic control apparatus in hydromechanization] Datchiki davleniia dlia avtomatizatsii ustanovok gidromekhanizatsii. Moskva, Gosgortekhizdat, 1963. 67 p. (MIRA 16:6)

(Automatic control) (Transducers)
(Hydraulic mining—Equipment and supplies)

DZHVARSHEYSHVILI, A.G., red.; CHERNOSKUTOV, K.A., red.; CHICHUA, B.K., re [redacted]

[Checking and measuring instruments and means of automatic control used in hydraulic mechanization; a collection of materials of the....] Kontrol'no-izmeritel'nye pribory i sredstva avtomatizatsii v gidromekhanizatsii; sbornik materialov.... Tbilisi, Metsniereba, 1964. 149 p. (MIRA 18:4)

1. Nauchnoye soveshchaniye "Kontrol'no-izmeritel'nyye pribory i sredstva avtomatizatsii v gidromekhanizatsii." Tiflis, 1961.

DZHVARSHEYSHVILI, A.G.

Existence of a singular integral. Soob. AN Gruz. SSR 34 no.3: 529-534 Je '64 (MIRA 18:1)

1. Tbilisskiy matematicheskiy institut imeni A.M. Razmadze AN Gruzinskoy SSR. Submitted October 2, 1963.

DZHVARSHEYSHVILI, A.G.

Riesz's theorem for multiple singular integrals. Soob. AN Gruz. SSR 38 no.2:267-271 My '65. (MIRA 18:9)

1. Tbilisskiy matematicheskiy institut imeni Razmadze, AN GruzSSR. Submitted September 9, 1964.

DZHVARSHEYSHVILI, A.G.; KIRMELASHVILI, G.I.

Determining the amount of hydraulic impact pressure in hydraulic mining equipment. Soob. AN Gruz. SSR 39 no.2:403-410 Ag '65. (MIRA 18:9)

1. Institut gornoy mekhaniki, razrabotki mestorozhdeniy i fiziki vzryva AN GruzSSR. Submitted February 19, 1965.

DZHVARSHEYSHVILI, A.G.

Conjugate functions. Soob. AN Gruz. SSR 40 no.1:19-24 O '65. (MIRA 18:12)

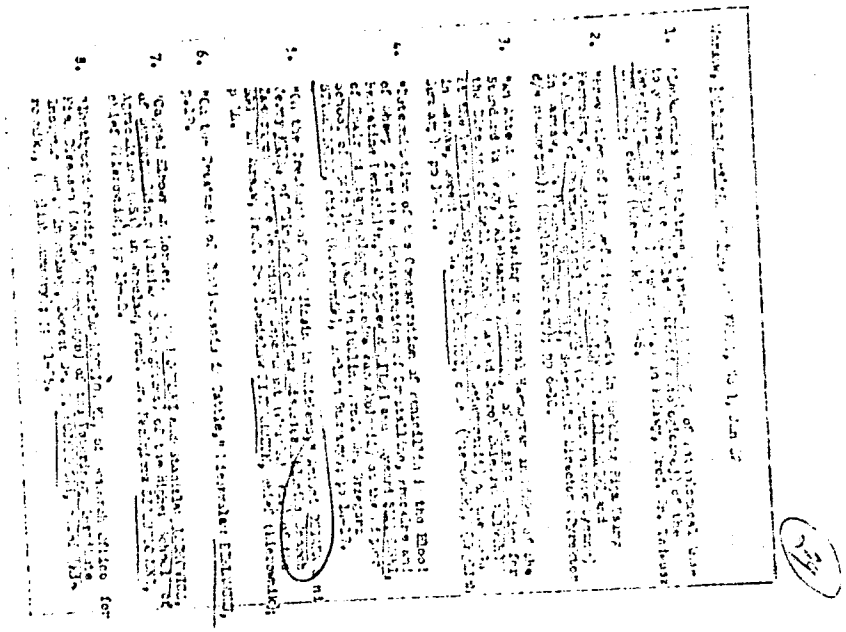
1. Tbilisskiy matematicheskiy institut imeni A.M. Razmadze AN Gruzinskoy SSR. Submitted May 18, 1965.

DEGUTIS, Yu. [Degutis, J.]; DZHYUVENE, D. [Dziuviene, D.]

Synthesis of derivatives of 2,3,4,6-tetraacetyl-β-D-glucopyranose acylated with di-(2-chloroethyl)-aminophenylalkanoic acids. Zhur.ob. khim. 32 no.5:1667-1671 My '62. (MIRA 15:5)

1. Vil'nyusskiy gosudarstvennyy universitet imeni V.Kapsukasa i Onkologicheskiy nauchno-issledovatel'skiy institut Litovskoy SSR.
(Glucopyranose) (Acids, Organic)

DZIABA, A.



DZIABASZEWSKI, ANDRZEJ.

Krzyzaki(Argiopidae) Wielkopolskiego Parku Narodowego pod Poznaniem.

Poznan, Poland; Panstwowe Wydawn, Naukowe, 1959. 78 P.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

DZIABASZEWSKI, Bohdan

The lichen flora in the vicinity of Poznan as compared with the flora of the entire region of Great Poland. Biol prace Poznan 22 no.4:1-160 '62.

1. Zaklad Systematyki i Geografii, Uniwersytet im. Adama Mickiewicza, Poznan; kierownik zakladu: prof. dr. Z Czubinski i Zaklad Ochrony Przyrody, Polska Akademia Nauk oddzial w Poznaniu; kierownik zakladu: prof. dr J. Urbanski.

DZIACZKOWSKI, H:

Economy of coal as one of the important tasks in the gas industry. p. 277. Vol. 29, no. 8, Aug. 1955, Gaz, Woda I Technika Sanitarna.

SOURCE: East European Accessions (EEAL), LC, Vol. 5, no. 3, March 1956.

DZIACZKOWSKI, I.

Operative technic in the District Hospital in Plonski in surgery of ulcers. Polski tygod. lek 7 no. 36:1103-1105 8 Sept 1952. (CLML 23:5)

1. Of Plonsk District Hospital.

DZIACZKOWSKI, I.

Combined anesthesia. Polski tygod. lek. 7 no. 46:1506-1511 17 Nov. 1952. (CIML 24:1)

1. Of Plonsk District Hospital.

DZIACZKOWSKI I.

Technika szycia chirurgicznego (Technique of surgical sewing) by I. Dziaczkowski. Reported in New Books (Nowe Ksiazki.) March 1, 1956.

DZIACZKOWSKI, Igor

Etiopathogenesis of postoperative pulmonary complications. Polski tygod. lek. 11 no.41:1763-1767 8 Oct 56.

1. (Z Oddzialu Chirurgicznego Instytutu Hematologii; dyrektor Instytuta i ordynator Oddzialu Chirurgicznego: doc. dr. med. Andrzej Trojanowski) Adres: Inst. Hemat., Warszawa ul. Chocimska 5.

(SURGERY, OPERATIVE, complications, postop. pulm. dis. (Pol))
(LUNG DISEASES, etiology and pathogenesis, postop. pulm. compl. (Pol))

DZIACZKOWSKI, Igor

Spirometric vital capacity as a criterion of pain and of secondary pulmonary complications. Polski tygod. lek. 11 no. 44:1883-1886 29 Oct 56.

1. (Z Oddzialu Chirurgicznego Instytutu Hematologii; dyrektor Instytutu i ordynator Oddzialu Chirurgicznego: doc. dr. med. Andrzej Trojanowski). adres: Warszawa, Inst. Hematologii, ul. Chocimska 5.

(ABDOMEN, surgery,
pulm. vital capacity as criterion of pain & pulm. compl. (Pol))
(RESPIRATION, function tests,
vital capacity as criterion of pain & pulm. compl. in abdom. surg. (Pol))

DZIACKOWSKI, Igor

Control of postoperative pain. Polski tygod. lek. 11 no.51: 2163-2168 17 Dec 56.

1. (Z Oddzialu Chirurgicznego Instytutu Hematologii; dyrektor Instytutu i ordynator Oddzialu Chirurgicznego: doc. dr. med. Andrzej Trojanowski W-wa, ul. Chocimska 5, Inst. Hematologii.
(ANALGESIA,
postop. (Pol))
(SURGERY, OPERATIVE,
postop. analgesia (Pol))

POLAND / Pharmacology. Toxicology. Local Anesthetics. V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13820

Author : Dziaczkowski, Igor
Inst : -
Title : Solution of Anesthesin in Urethane as a Prolonged Analgesic. Experimental and Clinical Investigations.

Orig Pub : Polski tygod. lekar., 1957, 12, No. 18, 668-673

Abstract : The results of testing a 1% solution of anesthesin in a 25% aqueous solution of urethane are reported. Infiltration of the tails of mice with this solution made them insensitive to an induction current for the period of 9 days. Histopathological changes were found in the tissues. The author introduced this solution with addition

Card 1/3

POLAND / Pharmacology. Toxicology. Local Anesthetics. V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13820

of 1% of novocain to himself under the skin of his shin. Anesthesia lasted for 7 days, after which, at the site of the introduction, itching and increased sensitivity of the skin appeared which lasted 3-4 weeks, as well as a solid infiltrate which was resorbed only after 1½ month. With application of the solution after surgery in the abdominal cavity (in 7 patients for local (LA) and in 20 for conduction anesthesia; (CA) a considerable decrease of pain in the area of the surgical incision, and a decrease of the frequency of pulmonary complications which depend on the postoperative decrease of vital capacity of the lungs, were observed. However, LA in patients was complicated by infiltration and separation of the edges of the wound, and in

Card 2/3

POLAND / Pharmacology. Toxicology. Local Anesthetics. V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13820

patients with CA, acute pains appeared in the intercostal muscles, which lasted 5-6 weeks. The author feels that the solution of anesthesin in urethane is not suitable for clinical application. -- M. A. Gruzman

Card 3/3

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Incision for appendectomy. Polski przegl. chir. 29 no.2: 151-156 Feb 57.

1. Z Instytutu Hematologii w Warszawie Dyrektor: doc. dr. A. Trojanowski i ze Szpitala Powiatowego w Plonsku Dyrektor: dr. T. Garlej. Adres autora: Warszawa, ul. Chocimska 5, Instytut Hematologii.

(APPENDICITIS, surg.
incision (Pol))

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1. (Z Oddzialu Chirurgicznego Instytutu Hematologii w Warszawie; ordynator Oddzialu Chirurgicznego i dyrektor Instytutu: doc. dr med. Andrzej Trojanowski).
(THROMBOPHLEBITIS, ther.) (PHENYLBUTAZONE, ther.)

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1. Z Oddzialu Chirurgicznego Instytutu Hematologii w Warszawie; dyrektor Instytutu i Ordynator Oddzialu Chirurgicznego: doc. dr med. Andrzej Trojanowski.

(FISTULA ARTERIOVENOUS compl)
(VARICOSE VEINS etiol)

USZYNSKI, Leszek; NALECZYNSKA, Angela; DZIACZKOWSKI, Igor; PAWELSKI, Slawomir.

Effect of dextran on the hemostatic and blood coagulation system. Pol. tyg.lek. 18 no.51:1909-1912 16 D'63

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TROJANOWSKI, Andrzej; DZIACZKOWSKI, Igor

Further observations on primary suturing of the common bile duct. Pol. przegl. chir. 35 no.7/8:808-811 '63.

1. Z Oddzialu Chirurgicznego Instytutu Hematologii i z Oddzialu Chirurgicznego Lecznicy Ministerstwa Zdrowia i Opieki Spolecznej Ordynator: doc. dr A. Trojanowski.

(COMMON BILE DUCT) (SURGERY, OPERATIVE)
(JAUNDICE) (CHOLELITHIASIS)
(PANCREATITIS) (PERITONITIS)
(SUTURE TECHNICS)

DZIACZKOWSKI, Igor; LOPACIUK, Stanislaw

Comparative studies on the blood coagulation system and fibrinolysis in the blood collected from varicose veins and from the ulnar vein in the varicose vein syndrome of lower extremities. Pol. tyg. lek. 19 no.7:241-244 10 F '64.

1. Z Oddziału Chirurgicznego (kierownik: doc. dr med. A. Trojanowski) i z Oddziału Chorob Wewnetrznych, (kierownik: doc. dr med. S. Pawelski) Instytutu Hematologii, w Warszawie.

TROJANOWSKI, Andrzej; DZIACZKOWSKI, Igor

Primary suture of the common bile duct. Pol. przegl. chir. 36 no.3:417-423 Mr '64.

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1. Z Kliniki Chirurgicznej Instytutu Hematologii (Kierownik: prof. dr. med. Witold Rudowski).

DZIACZKOWSKI, Igor

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1. Z III Kliniki Chirurgicznej Akademii Medycznej w Krakowie. Kierownik Kliniki: Prof. Dr. Jerzy Jasienski. Krakow, ul. Smolenska 11.
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1. Z Osrodka Przeciw. w Lodzi; kier: dr. med. Bronislaw Dobrowolski i z III Kliniki Chir. A.M. w Lodzi: kier: prof. dr. med. Wincenty Tomaszewicz, Lodz, ul. Kopernika 6/4.

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(EPILEPSY, therapy tissue ther)

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