

GIORDANO, Guglielmo, prof. dr. inz.

Accessibility of forests in mountainous regions and timber
production outside of forests. Sylwan 104 no.5:25-35
My '60.

1. Kierownik Katedry Uzytkowania Lasu, Wydział Lesny,
Uniwersytet, Florencja, Italia, i Dyrektor Wloskiego Instytutu
Technologii DREWNA.

GIORGADZE, A.G.

Symptomatology and surgical treatment of primary intravertebral tumors. Sob. AN Gruz. SSR 29 no.2:245-252 Ag '62.

(MR: 1813)

1. Institut traumatologii i ortopedii, Tbilisi. Submitted July 6, 1961.

KIKALISHVILI, K.I.; GIORGADZE, A.G.

Combined injuries of the brain and accessory sinuses of the nose.
Soob. AN Gruz. SSR 35 no.3:739-743 S '64.

(MIRA 17:11)

1. Institut travmatologii i ortopedii, Tbilisi. Predstavleno akademikom K.D. Eristavi.

MERABISHVILI, V.I.; DZASOKHOVA, E.N.; GIORGADZE, A.G.; KEKELIYA, N.Z.

Surgical treatment of outward deviation of the first toe of
the foot. Soob. AN Gruz. SSR 38 no. 3:703-707 Je '65.
(MIRA 18:12)

G IORGADZE, K. L.

USSR/Pharmacology and Toxicology. Narcotics

V-1

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 71047

Author : Giorgadze K.L.

Inst : ~~Tbilisi Medical Institute~~

Title : Functional Condition of the Thyroid Gland in the Treatment of Hypertensive Disease with Sleep

Orig Pub : Tr. Tbilissk. med. in-t, 1957, 12, 21-31

Abstract : 125 patients with different stages of hypertensive disease were investigated. The functional condition of the thyroid gland (TG) was determined by the method of incorporation of I^{131} , as well as by the state of the basal metabolism before and after the treatment with sleep (mytal sodium and conditioned reflex sleep). It was established that sleep is an effective method of treatment in the majority of patients of the I and II "A" stages of hypertensive disease, contributing to the decrease of the basal metabolism and function of TG, which are increased in these stages of disease. In the II "B" and III stages of hypertensive disease, therapy

Card : 1/2

USSR/Human and Animal Physiology - (Normal and Pathological). T
Blood Circulation. Blood Pressure. Hypertension.

Abs Jour : Ref Zhur Biol., No 4, 1959, 17496

Author : Giorgadze, K.L.

Inst : Tbilissi Medical Institute

Title : Inclusion of Radioactive Iodine (I^{131}) into the Thyroid
Gland and Basal Metabolism as Indexes of Functional Con-
dition of Thyroid Gland in Hypertension.

Orig Pub : Tr. Tbilissk. med. in-t, 1957, 13, 171-181

Abstract : No abstract.

KVALIASHVILI, A.A., prof.; GIORGADZE, K.L., kand.med.nauk

Activities of the Tiflis Society of Roentgenologists and Radiologists. Vest. rent. i rad. 35 no. 4:74-75 J1-Ag '60.

(MIRA 14:2)

1. Predsedatel' pravleniya Tbilisskogo nauchnogo obshchestva rentgenologov i radiologov (for Kvaliashvili). 2. Sekretar' pravleniya Tbilisskogo nauchnogo obshchestva rentgenologov i radiologov (for Giorgadze).

(TIFLIS--RADIOLOGICAL SOCIETIES)

GIOREGIANE, R.I.; MONTICELLI, T.I. - 1970 -

Study of the functional activity of the type I and II endocytotic tracers, July 1961, reprinted in the book "Endocytosis", Ed. by S. R. Pal, 1964, p. 113. (Nash, 198)

GIORGADZE, K.L.; RACHVELISHVILI, B.Kh.; GOGNIASHVILI, Sh.I.

Participation of the thyroid gland in the development of bronchial
asthma. Soob. AN Gruz. SSR 30 no.1:111-114 Ja '63.

(MIRA 17:1)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut. Predstavleno
akademikom K.D. Eristavi.

GIORGADZE, L.S.

Effect of various cultivation conditions of the parental forms
on the productivity of hybrid offspring. Soob. AN GruzSSR 37.
no.2:415-422 F 1965. (MIRA 18:3)

34646

S/056/62/042/002/030/055
B108/B104

24.2200(1144, 1156)

AUTHORS: Buishvili, L. L., Giorgadze, N. P.

TITLE: Spin-lattice relaxation of nuclei during nuclear resonance in ferromagnetics

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 2, 1962, 499 - 502

TEXT: Portis and Gossard (Ref. 1, see below) have concluded from their measurements that nuclear magnetic resonance is determined essentially by the nuclei in the domain walls which are subjected to an internal inhomogeneous magnetic field. The thermal vibrations of the nuclei produce an alternating magnetic field which causes transitions between the nuclear levels. The energy of a perturbation induced by an internal magnetic field H_x is determined by the relation

$$H' = \pi \frac{\hbar \omega_0}{2\delta} (I^+ + I^-) \sum_k (a_k e^{ikr} + a_k^* e^{-ikr}), \quad (5)$$

S/056/62/042/002/030/055
B108/B104

Spin-lattice relaxation of...

where $\omega_0 = \gamma H_n$ is the nuclear resonance frequency, $I^\pm = I_x \pm iI_y$, δ is the domain wall thickness. The transition probability is then

$$W_{m, m-1} \approx (I + m)(I - m + 1) (3\pi^2 \hbar / 48^3 m_0) (\omega_0 / \omega_m)^3 (e^{\hbar \omega_0 / \theta} - 1)^{-1} \quad (6)$$

where ω_m is the maximum Debye frequency, θ - temperature (in energy units), m_0 - mass of nucleus. The effective relaxation time T_1 can be determined from the mean polarization $\langle S_1 \rangle$ in the boundary layer: $\langle S_1 \rangle = S_0 / (1 + wT_1)$ where w is the transition frequency in the r.f. field. The equilibrium polarization S_0 of the nuclear spin is found from the diffusion equations for the wall and for inside the domain. Finally

$$T_1 \approx (3\pi^2 / 2)^{1/2} (\tau_1^4 T_2 / \tau_1^3)^{1/2}$$

where T_2 is the spin-spin relaxation time, τ_1 is the relaxation time related

Card 2/3

1 18025-63 EPF(a)/EWT(1)/BDS/EEC(b)-2/RS(s)-2 AFPTC/ASD/ESD-3/
SSD/IJP(C) Pr-4/Pt-4/Pi-4 GG

ACCESSION NR: AF3003874

8/0181/63/005/007/1814/1821

AUTHORS: Buishvili, L. L.; Giorgadze, N. P.

TITLE: Nuclear magnetic resonance in ferromagnetic materials

SOURCE: Fizika tverdego tela, v. 5, no. 7, 1963, 1814-1821

TOPIC TAGS: amplification factor, nuclear magnetic resonance, ferromagnetic, transition band, resonance frequency, resonance absorption, domain, magnetostri-
ction, hexagonal structure, cubic structure, Bloch wall, Néel wall, boundary layer

ABSTRACT: From investigation of many papers on related subjects, the authors feel that a determination of the average amplification factor in the case of an arbitrary boundary should be considered not only as a qualitative refinement of determinations in hexagonal crystals but also as a fundamental necessity. This is especially so if one keeps in mind nuclear magnetic resonance in an external steady magnetic field. They find that in a hexagonal crystal a steady magnetic field normal to a Bloch wall has no effect on the nature of resonance absorption. It is easy to determine experimentally the orientation of the boundary layer and to arrange it normal to the external field. The characteristic dependence of the amplification factor on the magnetic field in the case of a Néel wall allows the

Card 1/2

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ACCESSION NR: AP3003874

2
establishment of a relationship between the transition layer and any other type. It is found that the amplification factor depends on the direction of the magnetic field. This is related to the fact that in the absence of a field the magnetization in the boundary layer may be turned in either clockwise or counterclockwise direction. The external magnetic field deflects the magnetization in the domain from the axis of anisotropy, and, consequently, the angle of rotation becomes less than π if the projection of the magnetization on the direction of the field is positive, greater than π in the opposite case. Orig. art. has: 24 formulas.

ASSOCIATION: Institut kibernetiki AN Gruz. SSR (Institute of Cybernetics, Academy of Sciences, Georgian SSR); Institut fiziki AN Gruz. SSR, Tbilisi (Institute of Physics, Academy of Sciences, Georgian SSR)

SUBMITTED: 29Jan63

DATE ACQ: 15Aug63

ENCL: 00

SUB CODE: PH

NO REF SCV: 005

OTHER: 009

Card 2/2

ACCESSION NR: AP4039726

8/0141/64/007/002/0262/0272

AUTHORS: Giorgadze, N. P.; Tsintsadze, N. L.

TITLE: On the nonlinear oscillations of a two-component plasma

SOURCE: IVUZ. Radiofizika, v. 7, no. 2, 1964, 262-272

TOPIC TAGS: plasma oscillation, plasma wave absorption, plasma wave reflection, plasma magnetic field interaction, nonuniform rarefied plasma

ABSTRACT: The method of small nonlinearities is used to investigate wave processes that develop in a plasma along an external constant magnetic field. These processes are of interest in view of possible applications of plasma for the generation or amplification of electromagnetic waves. The results obtained in this approximation indicate that the interaction between transverse and plasma waves leads to the occurrence of transverse radiation of the same polarization

Card

1/2

BUISHVILI, L.L.; GIORGADZE, N.P.

Dependence of nuclear magnetic resonance on the skin effect
in the domain wall of a ferromagnetic. Fiz. tverd. tela 6 no.
9:2846-2847 S '64.

(Sov. 19:11)

1. Institut kibernetiki AN Tselikovsky Ucheb. Institut Fiziki
AN GruzSSR, Tbilisi.

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EXCEPT BY AUTHORITY OF THE NATIONAL ARCHIVES
ACQUISITION NO. AD 604 598 1/0181/64/006/010/2921/2925

AUTHORS: Burghavala, D. H.; Glazdov, N. E.; Kharadze, G. A.

TITLE: Magnetic resonance in antiferromagnets with helical structure

TOPIC TAGS: Antiferromagnetism, magnetic resonance, electron spin, nuclear spin, magnetic susceptibility, magnetic structure

ABSTRACT: The article is devoted to a theoretical investigation of resonance phenomena in magnetic substances having a helical structure, with allowance for the hyperfine interaction between the electron and nuclear spins. The components of the tensor of the high-frequency susceptibility of the spin system are calculated. The calculation is in an approximation that is linear in the external alternating field. It is shown that in the longitudinal case, i.e., when the magnetic vector of the high frequency field is parallel to

U. 129-116

ACQUISITION NR. AB4046598

the axis of the helix, resonance absorption can be observed, due to the presence of a gap in the spectrum of the elementary excitations of the bound electron-nuclear spin system (hyperfine interaction effect). If the magnetic vector of the alternating field is perpendicular to the helix axis, the resonant absorption is connected with the formation of elementary excitations with a wave vector parallel or antiparallel to the helix axis. If the magnetic vector

BUISHVILI, L.L.; GEORGADZE, N.P.

Nuclear acoustic resonance in ferromagnets and antiferromagnets.
Fiz. tver. tela 7 no.3:769-771. Mar 1985.

(MIRA 18:4)

1. Institut kibernetiki AN Gruzinskoy SSR i Institut fiziki AN
Gruzinskoy SSR, Tbilisi.

GIORGADZE, N.P.

Nonlinear oscillations of a two-moment pendulum. *Izv. AN SSSR Tekhn. Fiz.* 1980, no. 9, 1580-1583. 5 refs.

1. Institut Fiziki AN Gruzinskoy SSR, Tbilisi.

GIONO-1871, N.P.; LAMIDANSE, L.L.; WACHAN-1871, N.P.

Interaction of waves in a confined space. Part 1. (1971) (12-34)
no.10:1812-1842 0 164. (12-34, 12-12)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

FIGURE 6

Accession No.

AP-006915

Source: Central Intelligence Agency, All-Source

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R0005

ACC NR: AF5022725

SOURCE CODE: UR/6181/65/007/009/2793/2798

44, 55 44, 55 44, 55
AUTHOR: Buishvili, L. L.; Giorgadze, N. P.; Kharadze, G. A.

44, 55
ORG: Institute of Cybernetics AN GruzSSR (Institut kibernetiki AN GruzSSR); Ins-
titute of Physics AN GruzSSR (Institut fiziki AN GruzSSR)

44, 55
TITLE: On the theory of nuclear magnetic resonance in ferrometals

SOURCE: Fizika tverdogo tela, v. 7, no. 9, 1965, 2793-2798

21, 44, 55 21, 44, 55
TOPIC TAGS: ferromagnetic material, nuclear magnetic resonance, conduction electron

ABSTRACT: This paper is a theoretical investigation of problems associated with nuclear magnetic resonance in ferrometals. It is shown that the conduction electrons in these materials cause an additional indirect anisotropic interaction between a pair of nuclear spins which differs from relationships of the Suhl-Nakamura and Ruderman-Kittel type. The Hamiltonian is given for the system of interrelated electrons and nuclear spins in a semimetal and formulas are derived for calculating the various parameters appearing in this function. The results apply to a single domain of the ferrometal and do not account for transition regions (Bloch walls), which have a considerable effect on the nature of nuclear magnetic resonance in ferromagnetic materials. In conclusion, the authors are grateful to G. R. Khutsishvili and G. Ye. Gurgenishvili for extremely useful discussions. Orig. art. has: 33 formulas.

SUB CODE: 20/ SUBM DATE: 31Dec64/ ORIG REF: 003/ OTH REF: 006

Card 1/1 *dw*

015322-54

EXPERIMENTAL APPARATUS

The solution of the form of inhomogeneous linear equations for the second order wave function, density, and electric field in which the inhomogeneous terms are functions of the first order quantities. These equations are discussed separately for the cases in which a longitudinal wave excites longitudinal waves (longitudinal or transverse wave). The solution derived for second order quantities agrees with that obtained by a previous method. It is shown that the (10) taking thermal motion into account leads to a new effect, accompanied by the propagation of a single longitudinal wave and the interaction of the longitudinal

ACCESSION NR: AP5018292

UB/0057/65/035/007/1177/1181
532.9

AUTHOR: Giorgadze, N. P.

TITLE: On the interaction of circular waves in a cold plasma

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 2, 1965, 1177-1181

TOPIC TAGS: plasma, waveguide, nonlinear oscillation, nonlinear plasma, plasma wave

ABSTRACT: The author discusses the interactions of circular waves in a cylindrical waveguide with a perfectly conducting wall filled with a cold plasma. A circular wave is understood as a disturbance that propagates in the plasma.

1. 60231245

ACCESSION NR: AP5018292

It is found that in the latter case a disturbance, which in the linear approximation would have a single definite frequency, can give rise not only to higher frequency components (overtones), but also, under certain circumstances, to lower frequency components. Orig. art. has 27 formulas.

ASSOCIATION: Institut Fiziki AN Gruzinskoy SSR, Tbilisi
(Institute of Physics, AN Georgian SSR)

SUBMITTED: 22 Oct 64

ENGL: 00

SUB CODE: 46, 20

NR REF SOV: 002

OTHER: 000

Card: 2/2 JLP

L 4216-66 EWT(1)/ETG/EPF(n)-2/ETG(m)/EPA(m)-2 IJP(c) AT
ACCESSION NR: AP5025381 UR/0057/85/035/010/1743/1745

AUTHOR: Giorgadze, N.P.; Lominadze, D.G.

TITLE: Interaction of a charged particle beam with a confined plasma

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 10, 1965, 1743-1745

TOPIC TAGS: plasma beam interaction, plasma stability, plasma wave, plasma waveguide, dispersion equation

ABSTRACT: The authors discuss the excitation of waves in a cold plasma within a perfectly conducting cylindrical tube by a charged particle beam propagating parallel to the axis of the tube in the presence of an external magnetic field. The calculations are based on the hydrodynamic approximation. The dispersion equation is written without derivation or reference and is simplified by considering only frequencies that are small compared with the electron Larmor frequency and retaining only lowest order terms in the ratio of the electron to the ion mass. Under these conditions the dispersion equation breaks up into two factors, of which one has been previously derived by one of the authors (N.L. Tsintsadze and D.G. Lominadze, ZhTF, 31, 1039, 1961). Expressions are given for the logarithmic increments of the different types of waves that can be excited by the charged parti-

Card 1/2

L 4216-66

ACCESSION NR: AP5025881

ole beam. These waves include the ordinary and extraordinary waves near the ion cyclotron resonance incident to the anomalous Doppler effect and waves with phase velocity near the particle velocity of the beam (Cerenkov excitation). The conditions for propagation of the different waves are discussed very briefly. "In conclusion, the authors express their gratitude to M.F.Gobatenko, V.I.Kurliko, and K.N.Stepanov for discussions." Orig. art. has: 11 formulas. 4455 4455[15]

ASSOCIATION: none

SUBMITTED: 23Apr63

ENCL: 00

SUB CODE: ME

NO REF SOV: 005

OTHER: 000

ATD PRESS: 4/21

Card 2/2 DP

BUKISHVILI, L.L.; GIORGADZE, N.P.; KHARADZE, G.A.

Acoustic resonance in magnets of simple helicoidal structure.
Fiz. tver. tela 7 no. 12:3662-3664 D '65 (KITEA 19:1)

1. Institut fiziki AN GruzSSR, Tbilisi.

L 41751-66

BWT(1) IUP(8) AT

ACC NR: AP6011909

SOURCE CODE: UR/0141/66/009/002/0241/0260

AUTHOR: Giorgadze, N. P.

ORG: Institute of Physics, AN GruzSSR (Institut fiziki AN GruzSSR)

TITLE: Nonlinear oscillations of magnetoactive plasma

SOURCE: IVUZ. Radiofizika, v. 9, no. 2, 1966, 241-260

TOPIC TAGS: magnetoactive plasma, plasma research, plasma oscillation, electric conductance, multicomponent plasma, constant magnetic field, isotropic plasma

ABSTRACT: General formulas are developed for the circular components of the nonlinear tensor of electric conductance of magnetoactive plasma. A two-component plasma without collisions placed in a z-axis-oriented constant magnetic field is considered. The general formulas are very cumbersome. Much simpler formulas are developed (by a hydrodynamic approximation method) for the case of cold plasma. Also, general formulas are developed for the rate of energy change

L 30092-66 EWI(1) IJP(c) GG/WW

ACC NR: AP6012519 SOURCE CODE: UR/0181/66/003/CO./1309/1311

AUTHORS: Buishvili, L. L.; Vatova, L. B.; Giorgadze, N. P. 63
62
B

ORG: Institute of Cybernetics, AN GruzSSR (Institute kibernetiki AN GruzSSR); Institute of Physics, AN GruzSSR, Tbilisi (Institut fiziki AN GruzSSR)

TITLE: Forbidden magnetic resonance in ^{2/}ferrodielectrics

SOURCE: Fizika tverdogo tela, v. 8, no. 4, 1966, 1309-1311

TOPIC TAGS: electron spin, electron paramagnetic resonance, nuclear spin, magnetic susceptibility, Green function, magnetodielectric

ABSTRACT: ^{2/}Forbidden resonance, wherein the radio frequency field (perpendicular to a constant magnetic field) acts on the spin of the electron shell of a paramagnetic atom, but tensor coupling between the spins of the electron shell and the nucleus causes simultaneous reversals of both the electron and the nuclear spins (Flip-flop and flip-Flip transitions), is considered in the present article for the case of ferrodielectrics in which the electron spins, unlike in paramagnets, constitute a collective system as a result of the strong exchange interaction between them. By expressing the magnetic susceptibility in terms of double-time

L 13092-66

ACC NR:

AP6018519

In this article, the authors show that the first term in the susceptibility describes ordinary electronic resonance, while the second two contain forbidden resonance at frequencies $\omega = \omega_e \pm \omega_n$ (e and n stand for the electron and nuclear spins). The absorption intensity in forbidden resonance is found to be $(\omega_n/|B|)^2$ times smaller than the absorption intensity in electron resonance. Unlike in paramagnets, the intensity of absorption in the forbidden resonance is independent of the external field. In order for forbidden resonance to be observable, it is necessary that the line width be smaller than ω_n . This may be the situation in yttrium-iron-garnet. If the line width is larger than ω_n , forbidden resonance may be observable by dynamic polarization of the nuclei. The authors thank G. A. Kharadze for valuable hints and a discussion of the work. Orig. art. has: 3 formulas.

SUB CODE: 20/ SUBM DATE: 05Aug65/ ORIG REF: 003/ OTH REF: 003

Card

2/2 CC

Card 1/1

UDC:621.371.182

"APPROVED FOR RELEASE: Tuesday, September 17, 2002 CIA-RDP86-00513R000
APPROVED FOR RELEASE: Tuesday, September 17, 2002 ~~CIA-RDP86-00513R0005~~

GIORGADZE, P.G.

Study of the vegetation of rock debris taluses in the vicinity
of Tiflis. Soob. AN Gruz. SER 40 no.2:413-419 M 165.
(MIRA 19:1)

GIORGIDZE, E. G.

137-58-5-10638

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 253 (USSR)

AUTHOR: Giorgidze, E. G.

TITLE: The Relation Between the Fracture and the Microstructure of
Cast Iron (O vzaimosvyazi izloma i mikrostruktury chuguna)

PERIODICAL: Tr. Gruz. politekhn. in-t 1957, Nr 3 (51), pp 34-39
(In Georgian, summary in Russian)

ABSTRACT: Bibliographic entry

1. Cast iron--Fracture 2. Cast iron--Properties

S/137/61/000/011/088/123
A060/A101

AUTHOR: Giorgidze, E. G.

TITLE: Graphitizing effect of aluminum in siliconless cast iron

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 11, 1961, 3, abstract 11112
("Shromekl. Tr. Gruz. politekn. in-t", 1959, no. 3(54), 53-66,
Gruz. summary)

TEXT: The effect of Al upon the graphitization process was studied in siliconless high-carbon cast iron obtained by the carbonization of rimmed steel 0,5 КП (КР) (0.056% C, 0.35% Mn). The Al was introduced in the form of commercial pure Al mark 00 (99.7% Al, 0.3% Fe). It was established that the Al promotes the dissolution of C in the siliconless crude iron (4.68 - 5.09% versus 3.8% in silicon gray crude iron smelted under the same conditions). Al is a graphitizer within the limits of up to 11 - 12%. In Al-cast iron one observes the presence of two forms of graphite inclusions: large ones and small ones, where the large graphite inclusions have a peculiarly characteristic flaky form. The structure of the metallic base of grayAl cast irons is entirely different from the structure of Si cast irons.

[Abstracter's note. Complete translation]

A. Savelyeva

Card 1/1

MATUSEVICH, M.G., kand. ekon. nauk; MILOVANOV, V.A., kand. ist. nauk; NIKITIN, G.A., kand. geogr. nauk; GURVICH, G.Ta. kand. ekon.nauk; GOLUBEV, B.P., nauchn. sotr.; KRUTILINA, T.N., nauchn. sotr.; MIKHNEVICH, L.M., nauchn. sotr.; GIORGIDZE, Z.I., kand. ekon. nauk; RAVUN, I.I., kand. ekon. nauk; OKUN', M.V., kand. ekon.nauk; KOVALEVSKIY, G.T., kand. ekonom. nauk; KHROMOV, P.A., doktor ekonom. nauk, nauchnyy red.; LEONENKO, I., red. izd-va; ATLAS, A., tekhn. red.

[Economy of White Russia during the period of imperialism, 1900 - 1917] Ekonomika Belorussii v epokhu imperialisma, 1900-1917. Minsk, Izd-vo AN BSSR, 1963. 420 p.

(MIRA 17:1)

1. Akademiya navuk BSSR, Minsk, Instytut ekonomiki.
2. Institut ekonomiki AN BSSR (for all except Leonenko, Atlas).

DAVITASHVILI, Ye.G.; KURASHVILI, S.G.; GIORGIOBIANI, M.Ya.; NADARETSHVILI,
Sh.A.; SHELIYA, N.G.

Chemicoanalytical characteristics of sedimentary rocks of some
soil fields in Georgia. Report No.1. Trudy Inst.khim.AN Gruz.,
SSR 16:21-30 '62. (MIRA 16:4)
(Rocks, Sedimentary) (Georgia--Oil fields)

NANOBIHVILI, Ye.M.; DAVITASHVILI, Ye.G.; GIORGOBLANI, M.Ya.

Reactions of formation of gallium and germanium sulfides. Trudy
Inst.khim.AN Azerb.SSR 17:38-45 '59. (MIRA 13:4)

1. Institut khimii AN GrusSSR.
(Gallium sulfide)

(Germanium sulfide)

MZAREULISHVILI, N.V.; DAVITASHVILI, Ye.G.; GIORGOBIANI, M.Ya.;
NATIDZE, V.P.

Complex systems with metal hydroxides. Soob. AN Gruz. SSR
39 no.1:67-74 J1 '65. (MIFA 18:10)

1. Institu' khimii imeni Melikishvili AN GruzSSR. Submitted
September 29, 1964.

MZARENULISHVILI, N.V.; GIORGOBIANI, M.Ya.; DAVITASHVILI, Ye.G.

Mechanism of the formation of lanthanum and cerium hydroxide.
Soob. AN Gruz. SSR 38 no.1:69-76 Ap '65.

(MIRA 18:12)

1. Institut khimii imeni Melikishvili AN GruzSSR. Submitted
Sept. 29, 1964.

TSKHOMELIDZE, N.F.; GIORGOBIANI, R.P.

Effectiveness of treating atherosclerosis and chronic coronary
insufficiency at the Kobuleti health resort. Sbor. trud. Gos,
nauch.-issl. inst. kur. i fizioter. 26:87-92 '63.

(MIRA 17:5)

GIRGOLAV, S.S., otv. red.; KUPRIYANOV, P.A., general-leytenant med. sluzhby, red. razdela; LIBOV, S.L., kand. med. nauk, polkovnik med. sluzhby, pomoshchnik red.; SMIRNOV, Ye.I., general-polkovnik sluzhby, glav. red.; PAVLOV, A.S., kand. med. nauk, red. toma

[Soviet medicine in the Great Patriotic War 1941-1945] Opyt sovetskoi meditsiny v Velikoi Otechestvennoi voine, 1941-1945 gg. Moskva, Medgiz, Vol.9. 1950. 530 p. (MIRA 15:3)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Kupriyanov).

(WORLD WAR, 1939 - 1945--MEDICAL AND SANITARY AFFAIRS)
(CHEST---WOUNDS AND INJURIES)

GIOSAN, E.

JUVARA, I.; GIOSAN, E.; RATIU, C.

Modifications of tissular oxygen during spinal anesthesia; the value of oxygen treatment for the control of troubles caused by spinal anesthesia. Rumanian M. Rev. 1 no.3:13-15 July-Sept 57.

(METABOLISM, TISSUE

oxygen consumption changes in spinal anesth., oxygen ther.)

(ANESTHESIA, SPINAL, control.

oxygen consumption changes, oxygen ther.)

(OXYGEN, ther. use

oxygen consumption changes in spinal anesth.)

JIANU, Iancu, prof.; NITESCU, I.I., prof.; SCHIAU, S.; PAPAZIAN, R.;
• STOICA; GIOSAN, E.; CORLATEANU, G.; BROSTEANU, R.; TEODORINI, Sanda

The functional value of atrium diverticula as "ultimum moriens" of
the heart. Some aspects of the resuscitation problem with description
of an apparatus. Rumanian M Rev. no.1:175-179 Ja-Mr '61.

(RESUSCITATION equipment and supplies)

(HEART ARREST therapy)

(HEART SURGERY complications)

GINZGURG-SHIK, L.D., inzh.; TYKLIN, D.A., inzh.

New devices in the minor mechanization of the installation of boilers
and pipelines. Energ. stroi. no.34:27-35 '63. (MIRA 17:1)

1. Trest "TSentroenergomontazh".

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GIOSAN, N., prof. univ.

Agricultural Science in the support of large productions;
productive Hybrids and species for socialist agriculture.
St si Teh Buc 14 no.5:2.5 My '62

GIOSAN, N.; NICA, S., candidat in stiinte economice

Present problems of agricultural development. Problem# econ 16 noi2:
89-104 F '63.

1. ~~Prim~~vicepresedinte al Consiliului Superior al Agriculturii
(for Giosan).

GOSAN N.

CATEGORY : Romania
Cultivated Plants. Grains. Leguminous Grains.
Tropical Cereals.
Agr. Jour.: Mel. Jour.-Sociologia, No. 5, 1958, No. 2, 242
AUTHOR : Giosan, N.; Muresan, T.; Voinea, R.
INST. : N.I. Res. Inst. of Corn; State Testing Commission
TITLE : Promising Twin Hybrids in the Romanian People's
Republic
ORIG. PUB.: Probl. agric. 1958, 10, No. 4, 7-10

ABSTRACT : Data from 1957 of the Scientific Research
Institute of Corn Raising and the State
Commission on testing of twin interlinear
hybrids. The highest yield boosts were
produced in the south by the hybrids Pioneer
345 and Pioneer 303; on the plain in the west
of the country from Pioneer 345, Pioneer 353,
Warwick 742, Warwick 401, Wisconsin 641AA
and Wisconsin 525A; on the arid steppe in the
areas of Constanta and Galati, Pioneer 383.

CARD: 1/2

GIOSHVILI, V.

Goishvili, V.-"The aromatization of petroleum," Trudy Khimii. Gos. un-ta im. Stalina, Vol. XXXIVa-c, 1955, p. 257-71 (in Georgian, recast in Russian), - Bibliogr. p. 230

SO: U-4024, 29 Oct 53, (Letopis 'zhurnal 'nykh Statey, No. 10, 1953).

GIOSHVILI, V. D.

Gioshvili, V. D. -"On obtaining sodium aluminates from the esters of aromatic acids and from anhydrous aluminum chloride," A commemorative collection of transactions dedicated to the 25th anniversary of the Institute, (Gruz. politekh. in-t im. Kirova, No 17), Tbilisi, 1948, p. 302-33, (In Georgian, reprinted in Russian), -Bibliog: 6 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'lykh Statoy, No. 49, 1949).

G103RVL1

Advances in organic synthesis. *Chem. Abstr.* *Monatsh. Chem. Phys.* 1958, No. 5, 15-16 (1958) (German). *Kefauver, Zina.* *Kiln.* 1958, No. 2715. -- A popular review of advances in organic synthesis with particular emphasis on polymerization, cell, electrolysis, rubber, plastics, and preparation in agriculture. (M. Rosen)

GIOSHVILI, V.D.; TSULUKIDZE, L.A., kand. khim. nauk.

Oil from tomato seeds. Masl.-zhir. prom. 24 no.2:6-7 '58.

(MIRA 11:3)

1. Gruzinskiy politekhnicheskii institut imeni S.M. Kirova.
(Tomatoes) (Oils and fats, Edible)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GICSHWILL, V.: TAVSHABAD, V.

Using tee material to substitute leather. In up 01.1. T. 194
221-725 100. (MPL 10:10)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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1. The first of the two main parts of the document is a

G-I 658770, 2m

RUMANIA / General Division, Methods and Techniques of Research A-6

Abj Jour: Ref Zhur-Biologiya, No 5, 1958, 18917

Author : Nitescu I. I., Giossan Em., Ebinger G.

Inst : -

Title : A New Device for the Study of the Oxidizing Processes in Tissues with the Aid of the Spectroscopic Method

Orig Pub: Fiziol. norm. si patol., 1957, 4, No 2, 172-176

Abstract: The device consists of a spectrograph with a round clamp, cutting off the circulation in the tissue and a dynamometer indicating the thickness and pressure of the tissue under study. With the help of the device the period of reduction of oxyhemoglobin is established, i.e., the interval of time between the cutting off of circulation and the appearance of a single band of absorption of reduced hemoglobin. The data received

Card 1/2

RUMANIA / General Division, Methods and Techniques of Research A-6

Abj Jour: Ref Zhur-Biologiya, No 5, 1958, 18917

GIOSZILAGYI, G.

KORPASSY, B.; TIBOLDI, T.; TOROK, J.; WALTNER, K.; GIOSZILAGYI, G.;
PALDY, L.; KOLPAY, M.

Interstitial pneumonia of the premature. Acta med. hung. 5 no.
3-4:371-402 1954.

1. Institut für Pathologische Anatomie und Histologie der Medizinischen Universität, Szeged (for Korpassy, Tiboldi, Torok)
2. Kinderklinik der Medizinischen Universität, Szeged (for Waltner, Gioszilagyi, Paldy, Torok, Koltay) (Wingegangen am 1. Juli 1953)
(PNEUMONIA, in inf. & child.
*interstitial in premature, etiol., clin. aspects & pathol.)
(INFANT PREMATURE, diseases
*pneumonia, in terstitial, etiol., clin. aspects & pathol.)

GIC88, Veronica

Economic and geographical contributions to grape culture in
the Major District. Anal St Jassy II 9:161-166 '63.

FOGHIO, P.; GIOSU, V.; ANAVAIQAINI, M.; ENGHIO, J.

Economic and geographical contributions to the study of Sicily.
Anal. di Giur. 11 (1962) 158-162.

1. Submitted: October 1962, 1963.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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~~CIA-RDP86-00513R0005~~

MARTINIUC, C., conf. univ.; APLAVANOAE, M., lector univ. (Iasi);
GIOSU, V., lector univ (Iasi)

Suceava region. Natura Geografie 17 no.1:18-31 Jan. 1965.

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

CIA-RDP86-00513R000

~~APPROVED FOR RELEASE: Tuesday, September 17, 2002~~

~~CIA-RDP86-00513R0005~~

GIOVANNINI, Rudolf

Classification of medicinal plants. Gyogyszeresz 9 no.9:166-167

1 Sept 54.

(PLANTS

medicinal, classif.)

PITIS, Marcela; SPANDONIDE, T.; GIOVIRNACHE, A.; DINULESCU, Elena

Investigation of hyperthyroidism in the aged. Stud. cercet.
endocr. . 14 no. 3:355-365 '63.

(HYPERTHYROIDISM) (GERIATRICS)

GIOVANNINI, Aurel, Dr, BARLA-SZABO, Laszlo, Dr, NAGY, Sandor, Dr; Uzsoki St. Hospital, I. Surgical, Pathological and Diagnostic Departments (Uzsoki Utcai Korhaz, I. Sebészeti, Korbonctani és Rájmegallapító Osztály), Budapest.

"Multiplex Sarcoma of the Small Intestines."

Budapest, Orvosi Hetilap, Vol 104, No 32, 11 Aug 1963, pages 1516-1517.

Abstract: [Authors' Hungarian summary] After a short literature survey, a case of primary multiplex sarcoma of the small intestines is reported. For two years, the disease caused vague gastric complaints accompanied, in the last month, by melaena which was followed by steady loss of blood. Surgery was performed because of invagination of one of the tumors, after metastases have been established. The complete diagnosis was made only during surgery. Reticulosarcoma was diagnosed by histological examination which was similar to alveolar sarcoma in some of the tumors. 17 Western, 2 Eastern European references.

- END -

2050, 2473
CSO: 2000-N

POSCH, Elek, dr.; GIOVANNINI, Aurel, dr.

A rare case of colonic obstruction. Orv. hetil. 104 no.40:
1900-1901 5 0 '63.

1. Budapesti Orvostudományi Egyetem, Kóreltani Intézet és
XIV. ker. Tanács Uzsoki utcai Kórház, I. Sebészeti Osztály.
(INTESTINAL OBSTRUCTION)
(COLONIC DISEASES)
(SURGERY, OPERATIVE)

GLOWACKA, Miern

History of the State Institute of Hygiene and activities of the
Warsaw Pasteur Institute in 1945-1962. Przegl. epidem. 18 no.1:
109-110 '62.

BERENSON, J.M. (ACTIV. KING, BENBERG, SUP. W. H. WILSON, JR.)
THE NEW YORK TIMES.

Being entered into the New York Times, 28 October 1966.
28 October 1966.

S/196/61/000/010/029/037
E194/E155

AUTHORS: Zolotych, B.N., Gioyev, K.Kh., and Tarasov, Ye.A.

TITLE: The mechanism of electrical erosion of metals in
a liquid dielectric medium

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.10, 1961, 41, abstract 10K 237. (Symposium "Problems
of electrical machining of materials", M., AS USSR,
1960, 58-64)

TEXT: Electrical erosion of metal in a fluid dielectric was
investigated by a technique which disclosed the dynamics of
formation and collapse of a gas bubble and also the processes
occurring within the bubble and on the electrodes. The
development of processes in the discharge gap was photographed
with a type CΦP (SFR) camera, at the rate of 25-500 thousand
frames per second. The dielectric fluid was kerosine, and the
electrode gap was 10-100 microns. Two arrangements of electrodes
were used, to overcome the considerable influence of large
electrodes on the shape of the gas bubbles. With the first
variant, comprising wire electrodes 0.5-1 mm diameter, records were
Card 1/2

The mechanism of electrical erosion.. S/196/61/000/010/029/037
E194/E155

made of the external appearance of the gas bubble but processes on the electrode remained invisible. In order to record simultaneously both the dynamics of development of the gas bubble and the processes occurring within it, another electrode arrangement was used consisting of a strip of thin copper foil 0.05-0.1 mm thick (anode) firmly pressed against a transparent plate and a copper wire 1 mm diameter (cathode) at an angle of 90° to the plane of the anode. Pictures were taken from the side of the transparent sheet. The following conclusions are drawn: a) in the pulse duration range of 50-100 microseconds, metal removal occurs mainly in the liquid and only partially in the gas phase. b) In the gas phase metal is removed during the current impulse. c) In the liquid phase most of the eroded metal is removed after the end of the impulse. d) Hydrodynamic and gas dynamic processes play a vital part in the mechanism of erosion.

Illustrated. 3 literature references.

[Abstractor's note: Complete translation.]

Card 2/2

GIOYEV, Mikhail Il'ich; BOGAZOV, U.A., red.; VAYMATOV, P.S., tekhn.
red.

[Victory of the collective-farm system in North Ossetia] For-
beda kol'khoznoho stroia v Severnoi Osetii. Ordzhonikidze, Severo-
Osetinskoe knizhnoe izd-vo, 1957. 119 p. (MIRA 15:7)
(Ossetia, North--Collective farms)

GIOYEV, N.A., kand. med. nauk

Results of the use of improperly selected eyeglass frames.
Sbor. nauch. trud. SOGMI no.14:212-213 '63. (MIRA 18:9)

1. Iz kafedry gosptal'noy khirurgii (zav... prof. Kh.P. Gadshiyev)
Severo-Osetinskogo meditsinskogo instituta.

GIOYEVA, I.T.; OGIYENKO, F.F.

Problem of actinomycosis of the nervous system. Zhur. nevr.i psikh.
60 no.10:1293-1296 '60. (MIRA 14:1)

1. Klinika nervnykh bolezney (zav. -- prof. S.A.Rossin) Severo-
Osetinskogo meditsinskogo instituta na baze fizioterapevticheskoy
lechebnitsy (glavnyy vrach V.A. Boldina) Ordzhonikidzevskogo
gorzdravotdela.

(ACTINOMYCOSIS)

(SPINE---DISEASES)

(RIBS---DISEASES)

GIOYEVA, K.; KOPNYAYEV, V.

"Analysis of the managerial operations of industrial enterprises"
by D. Bdzholo and others. Reviewed K. Gioeva, V. Kopniaev. Den. 1
kred. 18 no. 10:86-90 0 '60. (MIRA 13:10)
(Industrial management) (Bdzholo, D.)
(Isipenko, I.) (Zvonkova, A.) (Portniagin, V.)

GIOYEV, K. K. H.

PHASE I BOOK EXPLOITATION

SOV/5186

Academy of Sciences, Tsentral'nyi nauchno-issledovatel'skiy materialov laboratoriya elekticheskoy obrabotki materialov

Problemy elektricheskoy obrabotki materialov (Problems of the Electrical Machining of Materials) Moscow, Izd-vo AN SSSR, 1960. 247 p. Errata slip inserted. 4,200 copies printed. (Series: Its: Trudy)

Sponsoring Agency: Academy of Sciences, USSR, Rep. Ed.: B. R. Lazarenko; Ed. of Publishing House: M. L. Fedogovskiy; Tech. Ed.: S. P. Golub.

PURPOSE: This collection of articles is intended for scientists and technicians concerned with the investigation of new ways of applying electrical energy.

COVERAGE: The book contains articles on studies carried out by the staff of the Tsentral'nyi nauchno-issledovatel'skiy

Problems of the Electrical (Cont.)

SOV/5186

laboratoriya elektricheskoy obrabotki materialov Akademii nauk SSSR (Tsentr-ELEKTROK AN SSSR) (Central Scientific Research Laboratory for the Electrical Machining of Materials of the AS USSR) in searching for new applications of electrical energy. The results of these studies include: the dimensional machining of dielectric materials and the utilization of electric pulsed discharges in processes occurring on electrode reactions, in the interelectrode space during short pulsing, and some new data on the technological processes in metal machining by electric current pulses. Much attention is paid to the analysis of the operation of power-supply sources used in the electrical machining and arc welding of metals. No personalities are mentioned. References accompany most of the articles.

Lazarenko, B. R., and M. I. Lazarenko. Unused Possibilities for Electrical Energy

5

Feduro, M. S., A. N. Markov'yev, E. V. Gordinitskiy, and M. I. Lazarenko. Study of Electrical Processes Occurring in Organic Media Under the Effect of Electrical Discharges

14

Feduro, M. S. Effect of the Condition of the Inter-electrode Space on the Spark Process in the Electrical Machining of Machining Dielectrics. On the Theory of the Surface Grinding and the Precision of the Machining

25

Adyan, A. G. Electrostatic Method of Purifying Dielectric Liquids from Products of Spark Machining

36

Lazarenko, B. R., and M. I. Lazarenko. Electric-Spark Method of Perforating Diamonds

51

Zelotikh, B. M., K. Kh. Gloyev, and Ye. A. Turyayev. Conduction of the Mechanism of Electrical Erosion of Metals in a Liquid Dielectric Medium

56

ZUYEVA, Z.; GIOYEVA, K.

Issuing credit to industrial enterprises to finance the introduction
of new machinery. Den. 1 kred. 19 no.3:25-30 Mr '61.

(MIRA 14:3)

(Moscow--Machinery in industry)

(Moscow--Credit)

GIOYEVA, K.; STEPANOVA, Z.

Omissions and deficiencies of a practical aid. Pkn. SSSR 37

no.8:91-93 Ag '63.

(MIRA 16:9)

(Industrial procurement)

GIPP, A.I.

Specifications for multiple-spindle heads. Standartizatsiia 24
no.8:24-26 Ag '60. (MIRA 13:9)
(Drilling and boring machinery--Standards)

GIPP, B.A.

Mechanizing the control of geometric form cutting. Avt.trakt.prom. no.9:
26-28 S '53. (MLRA 6:9)

1. Orgavtoprom.

(Metal cutting)

LEVENSON, Yevgeniy Mikhaylovich; GONIKBERG, Yuriy Markovich; VVEDENSKIY, Tigriy Aleksandrovich; GIPP, B.A., inzhener, retsenzent; BELOUSOV, A.V., inzhener, redaktor; ~~MODEL~~^{MODEL}, B.I., tekhnicheskiiy redaktor

[Construction of measuring devices and instruments in machine building] Konstruirovaniye izmeritel'nykh prispособlenii i instrumentov v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 384 p. (ML3A 9:9)
(Measuring instruments) (Instrument industry)

112-1-1256
Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,
Nr 1, p.194 (USSR)
AUTHORS: Gipp, B.A., Komissarzhevskaya, V.N., and May, L.A.
TITLE: Device for the Registration of Macro-geometric Deviations
(Pribor dlya zapisi makrogeometricheskikh otkloneniy)
PERIODICAL: Tekhnol. avtomobilestroyeniya, 1956, Nr 1, pp.49-52.
ABSTRACT: A device developed by the Scientific Research Institute
of Automobile Production Technique (NIITavtoprom) which
permits measuring and registering errors in macro-geometry
of cylindrical component parts is described. A lever
induction transmitter and a registering magneto-electric
device are used in the instrument. The electric connection
diagram adopted gives an amplification from 500 to 5000
times. A basic and electric diagrams of the instrument
are presented, as well as several contour graphs. The
description is preceded by a short outline of methods of
measuring the macro-geometry of component parts.

I.M.L.

Card 1/1

GIPP, B. A.

Gipp, B. A. Experimental Equipment for Inspecting Individual Parameters of
Bevel Gears

L. 335

Interchangeability, Accuracy and Measuring Methods in Machine Building, Moscow,
Mashgiz, 1958, 251 pp. (Sbornik Nauchno-tekhn. obshch. mashinostroitel'noy
promyshlennosti, Leningradskoye oblasst pravleniya, kn. 471).

This collection of articles deals with the topics discussed at the 3rd
Leningrad Sci. and Engineering Conference on Interchangeability, accuracy and
Inspection Methods in Machine-building and Instrument-making, held 18-22 Mar 1957.

LEVENSON, Yevgeniy Mikhailovich; GIPP, B.A., inzh., retsenzent; MOROZOVA,
M.N., inzh., red.; EL'KIND, V.D., tekhn. red.

[Principles of metrology and technical measurements] Osnovy metrolo-
gii i tekhnicheskie izmereniia. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. lit-ry, 1958. 339 p. (MIRA 11:7)
(Mensuration)

GIPP B. A.
~~C. R. P. D. R.~~

AUTHOR: Gipp B. A. 113 58 5-20/22

TITLE: Criticism and Bibliography (Kritika i Bibliografiya)

PERIODICAL: Avtomobil'naya Promyshlennost' 1958 Nr 5 p 46 (USSR)

ABSTRACT: This is a review of a book by V. V. Kondashevskiy, Control of Parts in the Process of Manufacturing "Scientific Popular Library of a Bench Worker" booklet 22 Mashgiz, M. Sverdlovsk 1957.

ASSOCIATION: MG 1-10/10

Card 1/1 1. Books-Review

GIIP, B.A. (Moskva)

Experimental instruments for checking elements of bevel gears.
[Izd.] LONITOMASH 47:235-240 '58. (MIRA 11:10)
(Gearing, Bevel--Testing)

GIPP, B.A.; GONIKBERG, Yu.M.; KAPLUN, M.M.; LEVENSON, Ye.M.; MARKOV, N.N.;
POLYANSKIY, P.M.; SHLEZINGER, G.S.; LEVENSON, Ye.M., nauchnyy red.;
BAYBYROV, B.S., red.; KOCHENOV, M.I., red.; MALYY, D.D., red.;
PROKOF'YEVA, L.G., red.isd-va; TIKHANOV, A.Ya., techn.red.

[Checking devices] Kontrol'nye prispособleniia. Pod red. B.S.
Baiburova, M.I.Kochenova i D.D.Malogo. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1960. 338 p.

(MIRA 13:12)

(Measuring instruments)

PHASE I BOOK EXPLOITATION

SCV/5062

Gipp, B.A., Yu.M. Gonikberg, M.M. Kaplun, Ye. M. Levenson, N.N. Markov, P.M. Polyanskiy, and G.S. Shlezinger

Kontrol'nyye prispособleniya (Inspection Equipment) Moscow, Mashgiz, 1960. 338 p.
Errata slip inserted. (Series: Progressivnyye sredstva kontrolya razmerov v mashinostroyenii)

Scientific Ed.: Ye. M. Levenson; Ed. of Publishing House: L.G. Prokof'yeva;
Tech. Ed.: A.Ya. Tikhanov; Eds. for the Series: B.S. Bayburov, M.I. Kochenov,
and D.D. Malyy; Managing Ed. for Literature on Chemical- and Textile-Machine
Building: V.I. Rybakova, Engineer.

PURPOSE: This book is intended for designers and technical personnel in the machine-building industry.

COVERAGE: The book discusses in detail the design of basic subassemblies and parts of inspection equipment which have proved valuable in shop practice. Various devices for the inspection of dimensional and nondimensional parameters of parts used in machine building are described. The book is a part of a group of works

Inspection Equipment

SOV/5062

on modern means for inspection in manufacturing processes, the publication of which was recommended by the Commission for the Introduction of Progressive Methods and Means of Inspection in Machine Building of the State Scientific and Technical Committee of the Council of Ministers of the USSR. No personalities are mentioned. There are 27 references, all Soviet.

TABLE OF CONTENTS:

Introduction	5
PART I. ELEMENTS OF INSPECTION FIXTURES (Yu.M. Gonikberg)	13
Ch. I. Locating Means	
1. Locating from a plane [of the machine part]	13
2. Locating from external cylindrical surface	13
3. Locating from internal cylindrical surface (hole)	16
Ch. II. Transmitting Devices	23
1. Direct transmitting devices	45
2. Lever-type transmitting devices	45
Card-2/5	51

GIPP, B.A.

Profilograph for studying surface finish. Avt. prom. 27
no. 5:47 My '61. (MIRA 14:5)

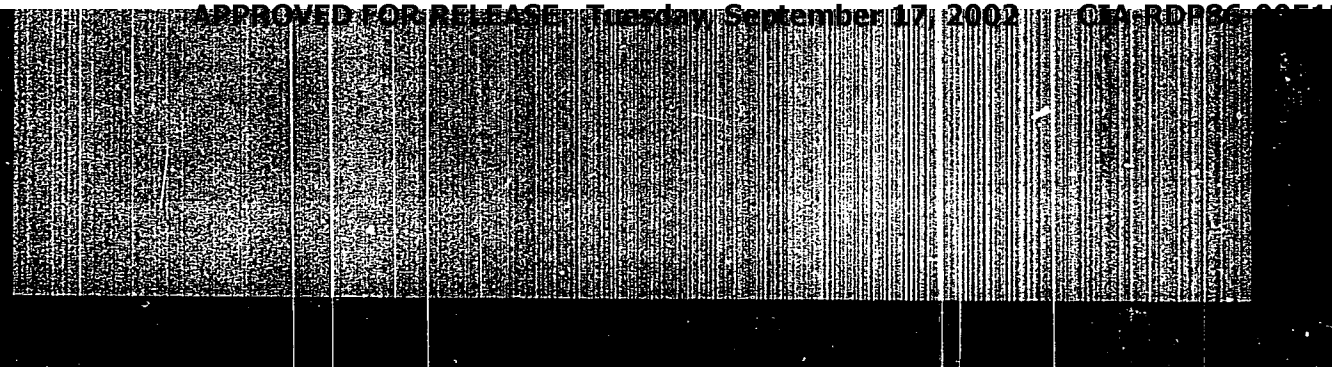
1. Nauchno-issledovatel'skiy tekhnologicheskii institut
avtomobil'noy promyshlennosti.
(Surfaces (Technology)—Testing)

"APPROVED FOR RELEASE: Tuesday, September 17, 2002

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CIA-RDP86-00513R0005



6ipp, M.

The use of the salt $(PhN_2Cl)SbCl_5$ in the method of double diazonium salts. A. N. Nesmeranov, N. K. Gind, G. Andronov, and K. K. Moskova. *Dokl. Akad. Nauk S.S.S.R.* (U.S.S.R. Chem. Revs.) 1963, 248-252, 11.

C.A. 59, 4320. $PhNH_2 \cdot HCl$ (52 g.) in 200 ml. MeOH was diazotized at -5° with 53 g. $AmONO$ and 45.6 g. $SbCl_5$ in 60 ml. MeOH was added, yielding a ppt. of 55-7 g. $(PhN_2Cl)SbCl_5$, decomp. about 100° , nearly insol. in H_2O and MeOH, decompd. by H_2O , and able to react, above up to 40° . The salt (16 g.) in a 25 ml. flask provided with a narrow lower portion, was mixed with 50 ml. $EtOAc$, treated with stirring with 7 g. Zn dust, which resulted in a viscous de.

$PhSbCl_5$, $PhSbO$, and $PhSbO_2$ were obtained at the indicated temps. when the compound was run in different solvents: H_2O , $40-60^\circ$, 15.2, 0.8, 3.7; Me_2CO , 50° , 6, 1.5, 13.2; CH_2Cl_2 , 70° , traces only and the reaction is feeble; $CHCl_3$, 60° , 6, 0.8, 5.1, the reaction being feeble and requiring long heating; $AmOAc$, 120° , 1.4, 2.4, 17.2; AmO , 100° , 2.2, trace, vigorous reaction; $MeOH$, 60° , 1.2, 13; HCO_2Me , 10.5° , 10, 23.5; H_2O , 70° , traces only of Sb derivs., along with 10% H_2O ; liquid NH_3 , cooled with D-y ice, no derivs. of Sb isolated although the reaction is vigorous. The compound, at $55-75^\circ$ was studied with other metals as well as with $LiAlH_4$.

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conceded. The mixture is treated after 40-5 min. with 0.5 g. Zn dust, rapidly cooled upon completion of the decomposition. Filtered, the filtrate is concentrated *in vacuo*, treated with 5N HCl, the org. layer poured on ice-NH₄OH, the resulting oil taken up in CHCl₃ and the ext. evaporated, giving 60% $Pb_2Sb_2Cl_6$, m. 53° (from petr. ether). If at the end of diazotization (above) 20 g. CaCl₂ is added and the mixture stirred 1-2 hrs. prior to decomposition, there is formed 40.2% $Pb_2Sb_2Cl_6$, m. 139-41°, and also 0.7 g. of *di-phenylidyl*, isolated as $Pb_2Sb_2OAc_6$. The following yields (%) of

LEVKOYEV, I.I.; SVESHNIKOV, N.N.; GIPP, N.K.; DURMASHKINA, V.V.; BARVYN', N.S.

Studies in the field of cyanine dyes. Part 14: Some triacarbocyanines containing ethyl or isopropyl groups in the heterocyclic residues.

Trudy NIKFI no.40:5-11 '60.

(MIRA 15:2)

(Cyanines)(Dyes and dyeing)

5(c)

AUTHOR: Gipp, S. K.

SC7/20-126-4-47/62

TITLE: Titanium in the Bauxites of the Kayraskoye Deposit (Titan v boksitakh Kayraskogo mestorozhdeniya)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 4, pp 859 - 862 (USSR)

ABSTRACT: The titanium content in bauxites always surpasses its klark in the earth's crust (Refs 1-5). The author obtained data on the titanium geochemistry and mineralogy from the deposit mentioned in the title (Central Asia). The bauxites from this deposit are described. Their age corresponds to the Upper Triassic (Ref 6). In the mentioned bauxites all samples contain leucxene and anatase, the former more often than the latter. The following are the forms of separation of leucxene: 1) It is finely dispersed in the diasporo chlorite ground mass; 2) Solid accumulations of roundish or irregular shape. Radial or other cracks are filled by diasporo, chlorite, and kaolinite (Fig 1a). Oolites and pisolites (0.5 to 2.0 mm) form around these accumulations; 3) The oolite concentrations are almost always enriched with leucxene (Fig 1). 4) Angular formations similar to splinters

Card 1/3

Titanium in the Bauxites of the Kayrakskeye Deposit

307/26-125-A-

(Fig 1); 5) Sometimes the relic-clastic bauxite structure is emphasized by the leucoxene distribution (Fig 2); 6) This structure is a characteristic leucoxene segregation for these bean-shaped caolinites freed from bauxite. The rare anatase crystals are mainly bound to the leucoxene accumulations. They have the size of about 0.03 mm, and are mostly of irregular shape. Titanium dioxide is contained in the mentioned bauxites in 2.5-3.5 wt%. Diaspore oolites and beans contain up to 5.5% TiO_2 , the chlorite mass contains only 2% TiO_2 (Fig 4). X-ray pictures showed that leucoxene consists of the weathered crust as well as of the oolites isolated from the anatase microcrystals (Table 1). Thus from the geochemical point of view, titanium in the Kayrak is approximated to aluminum in the first stages of redistribution of the substance. In the sedimentation titanium was transported from the weathered crust both mechanically as well as in the shape of titanium gel lumps. During the very first stages of diagenesis titanium - beside aluminum - took part in the formation of oolites. Their formation began with the separation of lumps of titanium gel. In the deposit titanium further remained immobile. In surface processes leucoxene was somewhat re-distrib-

Titanium in the Bauxites of the Kayrakszkoye Deposit 307/25-126-4-47/62

buted - it separates within the forming kaolinite beans in the form of isolated accumulations. Anatase grains are assumed to have crystallized in the stage of epigenesis. There are 4 figures, 1 table, and 6 Soviet references.

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