

DEKANOSIDZE, T.I.

Innervation of embryonic tissue. Soob.AN Gruz.SSR 24 no.5:607-610
My '60. (MIRA 13:8)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut. Predstavleno
akademikom V.K.Zhgenti.

(NERVOUS SYSTEM)

TATISHVILI, I.Ya.; DZHORBENADZE, A.V.; CHUBINIDZE, A.I.; DEKANOSIDZE, T.I.;
SHANIDZE, V.S.

Vladimir Kaplanovich Zhgenti; on his 70th birthday. Arkh.pat.
no.3:93-94 '62. (MIRA 15:3)
(ZHGENTI, VLADIMIR KAPLANOVICH, 1891-)

SARADZHISHVILI, P.M.; DZHORBENADZE, A.V.; GOKIYELI, T.G.; DEKANOSIDZE, T.I.

Clinical aspect and pathomorphology of acute poliomyelitis in
Georgia. Trudy Tbil. GIDUV 6:95-108 '62. (MIRA 16:2)
(~~GEORGIA~~-POLIOMYELITIS)

DEKANOSIDZE, T.I.

Interrelations of nerves and muscle tissues during their physiological growth in an organism that has completed its growth.
Trudy Inst. eksp. morf. AN Gruz. SSR 11:39-45 '63.

(MIRA 17:11)

1. Kafedra patologicheskoy anatomii Tbilisskogo gosudarstvennogo meditsinskogo instituta.

DEKANOSIDZE, T.I.

Structural elements of the trophic function of the nervous system in compensatory-adaptive processes; neurotissular relations in the myocardium in cardiac hypertrophy. Arkh. pat. 27 no.9:5-11 '65. (MIRA 18:12)

1. Kafedra patologicheskoy anatomii (zav.- prof. V.K. Zhgenti) Tbilisskogo meditsinskogo instituta. Submitted January 13, 1964.

AMMUNITION, G. I.

"Some Functions of Two Variables and Their Calculation." Cand Phys-Math Sci, Inst of Precision Mechanics and Calculating Techniques, Acad Sci USSR, Moscow, 1956. Dissertation (referativnoye zhurnal--matematika Moscow, 588 (1))

So: SSI 188, 13 Aug 1958

Dehanosidze, E. N. Some properties of Lommel functions of two variables. *Vychisl. Mat. Vychisl. Tehn.* 2, 97-107 (1955). (Russian)

I = F/W

The functions of the title are defined by the relations

$$U_n(w, z) = \sum_{s=0}^{\infty} (-1)^s (w/z)^{s+1/2n} J_{n+2s}(z),$$

$$V_n(w, z) = U_{n+1/2}(w, z) + \cos(w/2 + z^2/2w + \pi n/2).$$

With $\xi = z^2/2w$ and $\eta = w/2$, they are solutions of the hyperbolic equation $\partial^2 U / \partial \xi \partial \eta = U = 0$. Let \tilde{D} be a bounded region of the $\xi\eta$ plane not containing the line $\eta = 0$, but including the line $\xi = \eta$. In solving the Cauchy problem for \tilde{D} with boundary conditions at $\xi = \eta$ given to be $U(\xi, \eta) = U(2\xi, 2\xi)$, $\partial U / \partial \xi = \partial U / \partial \eta = U(2\xi, 2\xi)$, $\partial^2 U / \partial \xi \partial \eta = U(2\xi, 2\xi)$ - about fifteen complicated relations involving these functions are obtained. Of these a simpler one is

$$U_n(w, z) = U_n(z^2/w, z)$$

$$+ \int_0^1 J_{n-1}(y) J_n[(z-z^2/w)(z-yw)]^{2n} dy.$$

Several other representations are obtained with the help of integral transforms, for example,

(where)

by K. A. B. Z. E. N.

$$U_r(x, z) = \frac{w}{2} \int_0^1 U_{r-1}(zx, t) J_0[s(1-t)^{1/2}] dt, \quad r > 0.$$

Expansions of Lommel functions in series of other Lommel functions of two variables are derived, special cases of which were previously known. An asymptotic expansion in z of $U_r(x, z)$ is given. Many of these results should be useful for computational purposes. Because of the complexity of the formulas involved, few of the details of derivation of results are included. N. D. Kazarincif (Lafayette Ind.)

$\frac{3}{2}$

(M)

✓ * Деваносидзе, Э. И. [Devanosidze, E. I.] Таблицы цилиндрических функций от двух переменных. [Tables of cylindrical functions of two variables.] Izdat. Akad. Nauk SSSR, Moscow, 1956. 495 pp. (3 plates). 50.6 rubles. 1-FW

The tabulated functions are the "Lommel's functions of two variables" of the standard indexes of Fletcher, Miller and Rosenhead [An index of mathematical tables, McGraw-Hill, New York, 1946; MR 8, 286] and Lebedev and Fedorova [Spravochnik po matematicheskim tablitsam, Izdat. Akad. Nauk SSSR, Moscow, 1956; MR 13, 828]. The indexes show no substantial prior tabulation of these functions.

The functions tabulated are

$$U_\nu(w, z) = \sum_{m=0}^{\infty} (-1)^m (w/z)^{\nu+2m} J_{\nu+2m}(z)$$

and

$$(*) V_\nu(w, z) = U_{-\nu+1}(w, z) + \cos(w/2 + z^2/2w + \nu\pi/2),$$

where $J_\nu(z)$ is a Bessel function. They arise in problems of diffraction of electromagnetic waves. 1/2

Deformation of a Plate

Values of U_1, U_2, V_1, V_2 are tabulated together to 6D for $w=0.5(0.2)1.2(0.5)4.0(1)10.0$ and $z=w(0)z_L$. Here $z_L=4w^2$ for $0.5 \leq w \leq 6.25$; and $z_L=10$ for $6.25 \leq w \leq 10$. No differences or other auxiliary material are tabulated. Two plates plot values of $U_1(w, z)$ and $V_1(w, z)$ for a selected region of (w, z) . A third plate shows the (w, z) -region of tabulation. There is a 4-page introduction.

1-FW

2

U_2 and V_2 were computed from given infinite series representing U_1 in terms of ordinary Bessel functions of integral orders. Formula (*) was used as the control. Errors are said not to exceed one unit of 10^{-3} , but no further explanation is given. Directions for interpolation indicate that linear, quadratic, or cubic interpolation will be needed, depending on the function and variable considered. For $V_2(w, z)$ cubic interpolation with respect to w yields only 4 correct decimals. Recurrence formulas are given by which $U_{n+2}(w, z)$ can be obtained from $U_n(w, z)$ and $J_n(z)$, etc. Other formulas can extend the range to where $w < 0$, $z < 0$, or $z < w$. There are numerical examples of the use of the formulas, and 11 references.

An acknowledgement states that the tables were computed at the Institute for Exact Mechanics and Computational Engineering (IEMCE), but there is no mention of the machine used (IEMCE?). The tables appear to be set by hand, and are easily read. The paper is good.

G. E. Forsythe (Berkeley, Calif.)

7/2

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E032/E114

24.6000

AUTHORS: Gordadze, G.S., Dekanosidza, Ya., Makharadze, D.,
Dididze, Ts.

TITLE: On the Limits of Accuracy of the Molecular Orbital given
by James

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,
1959, Nr 6, pp 42-47 (USSR)

ABSTRACT: The aim of the present work was to study the ground state
of the ion H_2^+ using the James function (Ref 6) and to
compare the potential curve obtained with the aid of this
function with the accurate potential curve for this
system in the $1s\sigma_g$ (Ref 2). Such a comparison enables
an estimate to be made of the accuracy of the molecular
orbital (MO) obtained by James. James's MO for the
ground $1s\sigma_g$ state of the ion H_2^+ is determined by the
function given by Eq (1), where δ and α are the
variation parameters and λ and μ are the elliptical
coordinates of the electron in the H_2^+ ion with the
nuclei at a fixed distance R from each other. The
elliptical coordinates are defined by Eq (2) in which

Card
1/4

4

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On the Limits of Accuracy of the Molecular Orbital given by James
 r_a and r_b are the distances between the electrons and
the nuclei a and b of the H_2^+ ion. Using the
usual variational method, James found that the binding
energy of the ion is $D(H_2^+) = 2.772$ ev. The spectroscopic
energy (Ref 7) is 2.791 ev. This satisfactory
agreement was obtained with $\delta = 1.35$, $\alpha = 0.4475$, and
 $R = 1.06 \text{ \AA}$. Since the binding energy gives such a good
agreement with experiment, the problem arises as to
whether it is possible to obtain the entire potential
curve of the above ion with the aid of the James function
(Eq 1). To carry out this programme the energy of the
ion is taken to be in the form of Eq (8) in which the
various parameters involved are defined by Eqs (9)-(16).
In order to calculate the parameters δ and α
corresponding to the minimum of the energy given by
Eq (8), the system of nonlinear algebraic equations given
by Eq (17) must be solved with the aid of Eq (8), and
the auxiliary functions given by Eqs (9)-(16). The
solution of Eq (17) gives a system of equations of the
form of Eq (18) and the substitution of these into Eq (8) , ✓

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2/4

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E032/E114

On the Limits of Accuracy of the Molecular Orbital given by James

gives the potential curve of the ion in the $1s\sigma_g$ state, i.e. $E = E(R)$. Numerical analysis of the problem for $R = 1.06 \text{ \AA} = 2.003 \text{ au}$ showed that $\alpha = 0.4475$ and $\delta = 1.253$, which satisfies Eq (17) to 1 part in 1000. The results of the numerical analysis are summarized in the Table on p 45, in which the first column gives the value of the distance in au, the fourth column gives the value of $-E$ according to the present paper (in au), and the fifth column gives the value of $-E$ given in Ref 2 by Bates, Ledsham and Stewart. The last column gives the percentage deviation of the results obtained in the present work. As can be seen, the molecular orbital given by James may be used in the approximate analysis of molecular problems only in the internuclear distance range $1.7 \leq R \leq 3.0 \text{ au}$. Moreover, the binding energy in the $1s\sigma_g$ state as calculated in the present paper differs by only 0.251% from the experimental value. There are 2 tables and 8 references, of which 5 are English and 3 Soviet.

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On the Limits of Accuracy of the Molecular Orbital given by James

ASSOCIATION: Gruzinskiy politekhnicheskiy institut imeni
V.I. Lenina
(Georgian Polytechnical Institute imeni V.I. Lenin)

SUBMITTED: February 9, 1959

Card 4/4

X

ANDRONIKASHVILI, N.L.; MELIKVILI, M.F.; DENIS GIDEN, Ye.P.;
KORABOV, R.M.,

Recording of cosmic rays showers with a given number of
particles and the determination of their electron-photon
component. Trudy Inst. fis. Akad. Nauk SSSR 7:2-18 '60.
(MIRA 14:10)

(Cosmic rays)

VASIL'KOV, G.V.; SPIROV, G.A.; DZHANOV, A.; SENNIKOV, M.I.;
SELYUCHENKO, A.; DEKANOV, I.; RAKHMATULLIN, M.G.; EYSMONT, V.V.;
KOSOVER, S.I.; TSUVERKALOV, D.A.; LESHKOV, B.G.

Information and brief news. Veterinariia 38 no.9:90-96
S '61. (MIRA 16:8)

DEKANOVA, Emilia; KOSTANJEVEC, Stefan

Economic results of the E-153 (Belarus) universal dredger.
Inz stavby 12 no.1:Suppl.:Mechanizace no.1:9-12 '64.

1. Ustav ekonomiky a organizacie stavebnictva, Bratislava.

5 7

Heating up Open-Hearth Furnaces after Cold Repairs. A. Dekanovsky. (*Hutník*, (Prague), 1951, 1, No. 3, 55). [In Czech.] In established Czech practice open-hearth furnaces which had been repaired or rebuilt while cold, were brought up to melting temperature in 96-108 hr. Experiments carried out in the Třinec steelworks showed that a reduction to 54 hr. was possible without detriment to the furnace which has already produced over 300 heats.—p. 7.

7

How to Increase Steel Production. A. Dikauvsky. (*Hutník*, (Prague), 1951, 1, No. 9, 186-188). (In Czech). Czech steel is mostly of the basic open-hearth type. Factors leading to its more efficient production, including the human factor, furnace design, basic roofs, and use of oxygen are discussed.

S. DEKANOVSKY, A.

High Quality Open-Hearth Steel by Duplex Methods. A. Dekanovský. (Hutnické Listy, 1951, 6, July, 330-336). (In Czech).

The author examines duplex and semi-duplex methods of steelmaking with particular reference to quality, composition, efficiency of use of open-hearth furnaces in conjunction with converters, preparation of liquid iron charge, and economic aspects. (82 references).--P. F. Dgen

immediate source clipping

DEKANOVSKY, A.

S.

Duplex Process to Obtain Steep Rise in Output. A. Dekanovsky. (Hutník, (Prague), 1952, 2, Feb., 30). (In Czech).

The possibilities and advantages of introducing duplex steel production are discussed. It is stated that by using acid converters it is possible to raise the annual output of an open-hearth shop containing four 200-ton furnaces by 50%. *Dey*

immediate source clipping

DEKANOVSKY, A.

"Stakhanovite Method for Quick Smelting" p. 77 (HUTNIK, Vol. 3, no. 4, Apr. 1953, Praha, Czechoslovakia).

SO: Monthly List of East European Accessions, LC, Vol. 2, No. 11, Nov. 1953, Uncl.

DEKANOVSKY, A.

"With the Eyes of a Customer; A Contribution to a Discussion About the People's Car", P. 12, (TECHNICKE NOVINY, Vol. 2, No. 9, May 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

Handwritten: 202

The Use of Limestone in Open-Hearth Furnace Charges.
A. DeKromsky. *Ilustak*, (Prague), 1951, 4, (1), 9-13. (In
1950). An analysis of the relative advantages of charging
lime and limestone is made. It is concluded that, apart from
the well known economic advantages of using limestone, it
also accelerates the heat and improves the quality of the steel.
The best methods of charging it are discussed. p. 9.

Dekanovsky, A.

New directions in the production of pig iron and crude steel
with reference to the raw material situation in Czechoslovakia.
p. 4. NOVA TECHNIKA. (Rada vedeckych technickyh spolecnosti
pri Ceskoslovenske akademii ved) Praha. Vol. 4, no. 1, Jan. 1954.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

Dekanovsky, A.

How to cast steel, from above or below? p. 283. HUTNIK. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha. Vol. 4, no. 9, Sept. 1954.

Source: EEAL IC Vol. 5, No. 10 Oct. 1956

4

Contribution to the Problem of Pig Iron and Steel Production and Desulfurization. A. Dehannovsky. *Hutnická Listy*, 1964, 9, (3), 195-203. (In Czech.) The author places emphasis on the use of the abundant Czechoslovak iron and coal iron ores demands a new assortment of methods of iron and steel production. The most important problem is that of efficient desulfurization of pig iron, and the principal methods such as those utilizing anhydrous sodium carbonate, lime, calcium carbide, synthetic slags, and magnesium are discussed. The use of iron ores and shortage of scrap render the open-hearth furnace less economical than reduction of the ore in a rotary furnace of the Krupp-Renn type, followed by melting in a cupola or other melting furnace, or also in a low-shaft blast furnace working with oxygen. The resulting pig iron is quickly and economically convertible into steel in converters blown with oxygen-enriched air, or in the downward blown converter as used at the Linz-Donau Works. Desulfurization of pig iron or steel is possible in this process. — P. 2.

BT

DEKANOVSKY, A

CZECH

On the Coke-Induced Diffusion-Type of Decaridation in the
Open-Hearth Furnace. A. Dekanovsky. (*Hutnické Listy*,
1964, 9, (12), 727-731). (In Czech). Decaridation by adding
coke or silico-manganese and coke to the slag in the bath is
discussed with reference to results obtained by this method
with Cr-Ni-Mo-Mn-Si steels melted in 370-ton open-hearth
furnaces in both Czechoslovakia and the U.S.S.R. Results
so far obtained are favourable, and further promising develop-
ments are expected. Applications of the method to plain,
killed, and rimming carbon steels are also discussed.--P. 2.

DEKANOVSKY, A.

Contribution to the Technology of Duplex Processes.
A. Dekanovsky. (Hutnické Listy, 1955, 10, (3), 110-111).
Several duplex and semi-duplex processes of
steelmaking are reviewed from the point of view of maximum
efficiency in relation to present-day technological require-
ments and raw-material supplies. The converter used in
combination with the O.H. furnace is shown to give the best
combination.

AG
of 9

DEKANOVSKY, A.

1
Contribution to the Pig-Iron/Ore Process Technology. A. Dekanovsky. (*Hutnické Listy*, 1955, 10, (7), 403-408). [In Czech]. Works tests of large stationary and tilting O.H. furnaces showed that output increased with increasing pig-iron temperature in the charge, and decreased with increasing content of carbon, silicon, and manganese in the iron. - r. r.

DEKHOVSKY, A.

18 18 3
Determination of Casting Speed in Pouring Ingots from the Top Across an Intermediate Ladle. A. Dekhovskiy. (Problems and Perspectives of Czechoslovak Metallurgy and Foundry, 1956, 261-262). Information on viscosity is given, but there are also other factors concerned, and for any type of steel there is a method for any type of steel there is a method and note of casting and a diameter for the main and intermediate ladle spouts giving the best results which need to be practically determined and checked against the theoretical values.

RG

DEKANOVSKY, A.

The future of the oxygen process in the manufacture of steel in Czechoslovakia.
p. 275.

HUTNIK. Vol. 6, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEL) Library of
Congress, Vol. 6, No. 1, January 1957.

Dokanovsky, H.

✓ The Economics of Four Steelmaking Processes. A. Dokanovsky. (*Hutnicki Listy*, 1958, II, (2), 63-76). [13] Czech. Costs of steel production, in large basic open-hearth furnaces melting low-phosphorus charges by the ore process, large open-hearth furnaces operating the Talbot process, in the converter using the oxygen lance, and by raising the steel in the converter and the basic open-hearth tilting furnaces in the duplex process are compared. The converter method, with oxygen lancing, is shown to be cheapest. — P. 7.

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DEKANOVSKY, A.

Comparison of the Energetic and Economic Efficiencies of
the Basic Converter and the Linz-Donawitz Oxygen-Lance
Processes. A. Dekanovsky. *Hutnické Listy*, 1958, 11, 44,
241-248. [In Czech]. The thermal efficiency of the oxygen
process was evaluated to be 73% compared with 67% for
the Thomas converter, and 39% for the open hearth furnace.
The oxygen process is found to be economically inferior to
the Thomas process if the former works with ore only. The
reverse is true if half the charge consists of scrap. 1

DEKANOVSKY, A.

DEKANOVSKY, A. Development of technology of the oxygen process with respect to quality of steel; production of steel by surface blowing of oxygen on the bath of metal in converters. (To be contd.) p. 275.

Vol. 11, no. 4, Apr. 1956

HUTNICKE LISTY

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

Dekanovsky, A.

Development of technology of the oxygen process with respect to the quality of steel. p. 327. HUTNICKÉ LISTY. (Ministerstvo hutního průmyslu a rudných dolů) Brno. Vol. 11, no. 5, May 1956.

Source: EFAL LC Vol. 5, No. 10 Oct. 1956

DEKANOVSKY, A.

Contemporary status of technology and efficiency in steel production with regard to projects of new steel mills in Czechoslovakia. p. 193.

(Nova Technika. Nov. 2, no. 7, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

18 18
✓ The Phosphorus Content in Pig Iron for use in Steelmaking
by the Falber Process in Milling Open-hearth Furnaces.
A. Dekanovskii. (Zhurnal, 1957, 7, (3), 81-85). In Russ.
The conditions leading to the formation of P-rich slags
suitable for use as fertilizers are analyzed. - 2 p.

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DEKANOVSKY, A.

Casting steel in chill molds.

P. 259, (Hutnik) Vol. 7, no. 8, Aug. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

19
The Economics of Remelting Cast-Iron
Balls in Blast, Low-Alkal, Reverberatory and Open-Hearth
A. D. G. [?], *Ironmaking*, 1957, 13, 2, 675-687.
Possible treatments of the Remelted balls containing P and S
are reviewed. Cast iron, wrought iron or pig iron for the
basic Bessemer process can be produced. It appears that
blast furnace treatment is the most economical.

18 3
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121

S/137/61/000/008/013/037
A060/A101

AUTHOR: Děkanovský, Alexander

TITLE: Method of producing steel from molten crude iron and additives by means of blowing into the vat from the top a mixture of oxygen and a gas not containing nitrogen

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1961, 39, abstract 8v246 (Chechoslovak patent no. 95345, 15. 05. 60)

TEXT: The method of smelting steel out of molten crude iron with any P content together with steel scrap in converters differs by the fact that from the top a mixture is blown into the vat, composed of O₂ and another gas not containing N₂, for example hydrogen or CO₂, at a pressure of 6 - 16 atm. The distance between the tuyere and the vat speculum is 200 - 1,200 mm and the quantity of the gas blown in (for example H₂O or CO₂) exceeds by about a factor of 7 the quantity of the steel scrap by weight. After the C content is lowered to ~ 2% the blowing in of gas is stopped, the slag is led off and new slag of the correct composition is put in, whereupon the blowing of a mixture of O₂+H₂O and O₂+ CO₂ is continued until the carbon content is reduced to 0.2%, and the P content is reduced to 0.03%.
[Abstracter's note: Complete translation]
Card 1/1

L 18501-66 EWP(e)/EWP(i)/EWP(t)/ETC(m)-6 JI/MN/RM/WH

ACC NR: AP6010247

SOURCE CODE: CZ/0034/65/000/003/0163/0169

AUTHOR: Dekanovsky, Alexander (Engineer); Kubini, Atila (Engineer); Blaha, Vladimir (Engineer)

ORG: Iron Works of Eastern Slovakia, Kosice (Vychodoslovenske zeleziarne)

TITLE: Use of expanding pearlite as a thermal insulating antipipe compound for curing killed steel ingot tops

SOURCE: Hutnicke listy, no. 3, 1965, 163-169

TOPIC TAGS: pearlite, steel, thermal insulation, heat conduction, heat loss

ABSTRACT: Forms of heat losses in killed steel ingot tops are described; suitable thermal insulations preventing these important heat losses are discussed. Conductivity of such materials should not exceed 0.080 Kcal/°C m.h. The Slovak expanding pearlite meets the requirements for such materials. In a series of 155 heats and 3438 ingots technological and economical advantages of using the expanding pearlite instead of exothermic mixtures were proved. Total economies achieved are on the order of 4 Kcs per ton of steel. The authors thank Engr. L. Smrha, Candidate of Sciences, for participation and the workers of NIKG for assistance with the carrying out of the research work. Orig. art. has: 10 figures and 2 tables. [JPRS]

SUB CODE: 11, 20 / SUEM DATE: none / ORIG REF: 009 / OTH REF: 001

Card 1/1

UDC: 621.315.616: 669-412.1

MIMINOVSHVILI, S.Ya.; RUKHADZE, T.I.; KUZNETSOVA, N.Kh.; MEBONYAY, L.E.;
DEKANOZISHVILI, M.Ya.; KALANDIYA, N.G.; ZARZHETSKAYA, A.S.

Active detection of glaucoma among the rural inhabitants of the Abkhazian
A.S.S.R. Vest. oft. '73 no. 3:28-30 My-Je '60. (MIRA 14:1)
(ABKHAZIA → GLAUCOMA)

DEKANCZISHVILI, N.A.

X-ray diagnosis of closed traumatic injuries of the carpal bone;
personal observations and the method of study. Trudy Tbil.GIDUV
6:301-312 '62. (MIRA 16:2)
(WRIST--RADIOGRAPHY) (WRIST--WOUNDS AND INJURIES)

DEKANOZISHVILI, N.A.

X-ray diagnosis of the traumatic injuries of wrist bones.
Soob. AN Gruz. SSR 31 no. 3:749-755 S '63. (MIRA 17:7)

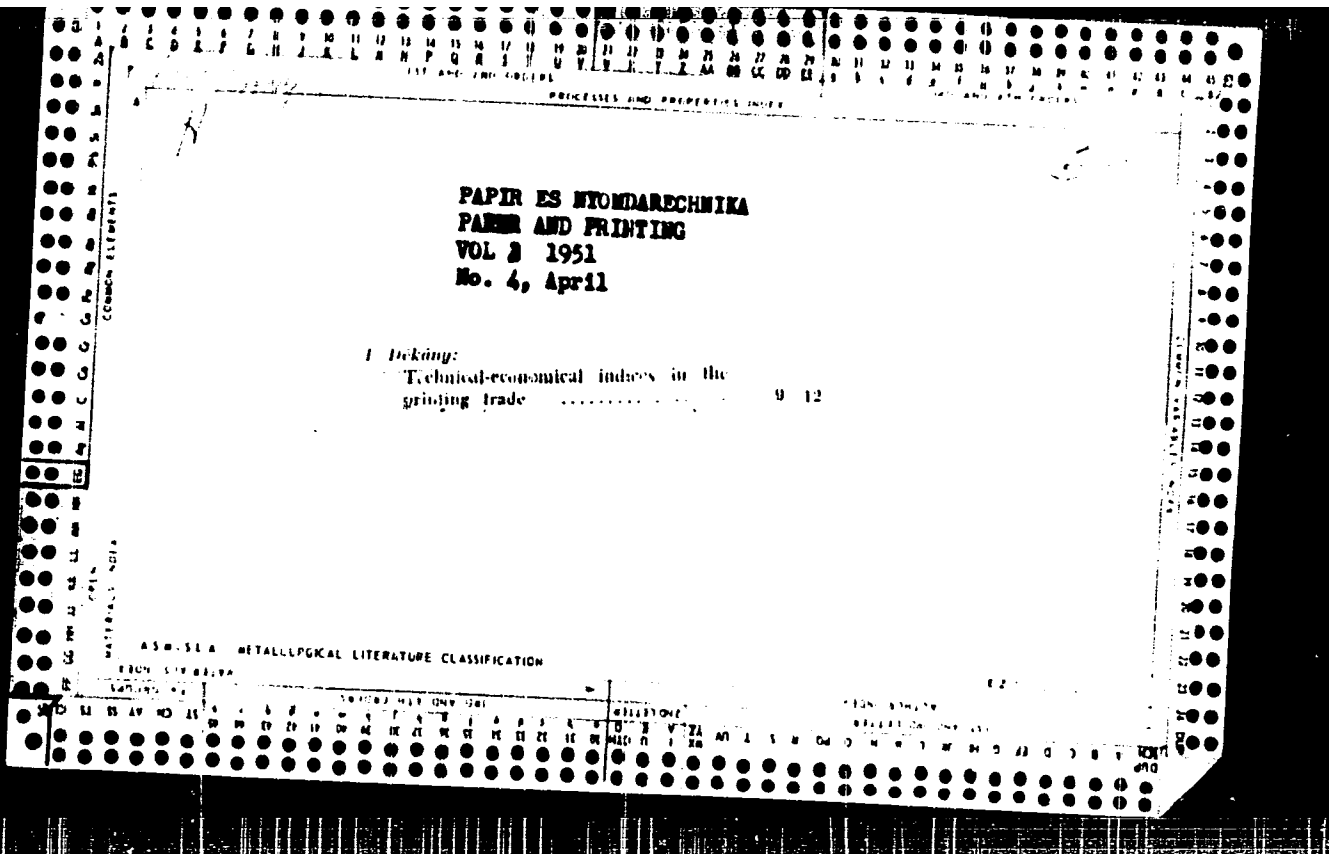
DEKANY, D.

"Boron steel." p. 543. (Magyar Technika, Vol. 8, no. 9, Sept 53, Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 54 Uncl

DEKANY, Gyula

Silk screen printing in Hungary; excerpts. Musz elet
18 no.7:15 28 Mr '63.



DEKANY, I.

Examples of the application of synthetic materials in general machine manufacturing. p.403

EPITOANYAG. (Epitoanyagipari Tudományos Egyesület)
Budapest, Hungary
Vol. 11, no.10, Oct. 1959

Monthly List of East European Accessions (EEAI) IC., Vol. 8, no.12, Dec. 1959
Uncl.

DEKANY, Istvan

"Machine elements.Vol.2" by Dr.Imre Voros. Reviewed by Istvan Dekany. Muszaki kozl MTA 30 no.1/4:457-458 '62.

DEKANY, Istvan, dr.

"Machine elements" by [Dr.] Imre Voros. Vol.3. Reviewed by
Istvan Dekany. Muszaki közl MTA 31 no.1/4:465-466 '62.

DEKANY, Jenó.

New technic of staining of fabrics. Kiserletes orvostud. 7 no.2:
216 Mar 55.

1. Bacs-Kiskun Megyei Tanacs Korhazanak Prosecturaja.
(STAINS AND STAINING,
of fabrics)

DEKANY, Lajos, gepeszmernok

Smoking diesel motors. Auto motor 15 no.22:27 21 N '62.

1. Fovarosi Autobusüzem osztalyvezetoje.

DEK/NY, Lajos, okleveles gépészmérnök

Organization of the maintenance of articulated motorbuses and some relevant experiences at the Capital Motorbus Company. Kozl tud sz 14 no.9:413-416 S '64.

1. Division Chief, Capital Motorbus Company, Budapest.

DEKANY, Laszlone, vegyeszmernek

Tests in spaces contaminated with industrial gases. Gep 17 no.2:
69-75 F '65.

1. Beloiannis Telecommunication Engineering Factory, Budapest.

DEKANY, S.

DEKANY, S. - Jubilee of the Hungarian Optical Works. p. 118.
Vol. 2, no. 5, Oct. 1956.
KEP ES HANGTECHNIKA - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

HUNGARY/Optics - Optical Technology.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14055

Author : Dekany, Sandor

Inst :

Title : Tolerance for Out of Parallel of Binocular Field Glasses

Orig Pub : Kep-es hangtechn., 1957, 3, No 4, 94-97

Abstract : Discussion of the permissible values of deviation from parallelism of the axis of binoculars, as proposed by various authors.

Card 1/1

- 120 -

HUNGARY/Optics - Optical Technology.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14053

Author : Dekany, S.

Inst :

Title : Remarks on Visual Efficiency of Field Glasses in Twilight Vision.

Orig Pub : Acta techn. Acad. scient. hung., 1958, 20, No 3-4, 317-336

Abstract : After giving a brief summary of the results obtained by other research workers on twilight efficiency of field glasses, and after listing the general requirements which, in the author's opinion, night-viewing instruments should have, the article develops a procedure and the results of experimental research, carried out at the Faculty of Precision Mechanics and Optics of the Technical University in Budapest. The subjects (a total of 54 persons) used field binoculars 6 x 30, 7 x 50 and 8 x30,

Card 1/2

HUNGARY/Optics - Optical Technology.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14053

to view a table 10 meters away. On the black background of the table were located one white and three rotating targets (50 x 250 mm) blackened to different degrees. With a very weak overall illumination (the values of the illumination of the table or brightness of the objects are not cited in the paper), after 20 minutes of adaptation the subjects should be able to report the position of each target. On the basis of the analysis of the correctness of the responses made by the subjects it was established that the best results were obtained with the 7 x 50 binocular, and the 6 x 30 binocular gave 22% more correct answers than the 8 x 30 binocular. A new empirical formula is indicated, which expresses the dependence of the number that characterizes the night efficiency of a field glass on the diameter of its input and output pupils. -- B.M. Koryakin

Card 2/2

- 119 -

HUNGARY/Optics--Optical Technology

K

Abs Jo r : Ref Zhur Fizika, No 9, 1959, 21246

Author : ~~Dekany, S.~~

Inst : -

Title : Tolerances for the Parallelness of the Axis of Binoc lars

Orig Pub : Acta techn. scient. h ng., 1958, 22, No 3-4, 193-203

Abstract : A comparison is made of the values of tolerances for non-parallelness of optical axis of binoc lar field g glasses, known to the author from the literature and from other sources, and the conclusion is drawn that the corresponding numbers differ substantially and are not sufficiently well fo nded. The diameter of the Panum region, i.e., of those portions near the corres- ponding points of the retinas of the two eyes, within which it is still possible to have stereoscopic vision, have an ang lar measure of approximately 5'; deviations from parallelness of the corresponding rays entering

Card 1/2

- 112 -

HUNGARY/Optics -- Optical Technology

K

Abs Jour : Ref Zhur Fizika, No 9, 1959, 21246

from the oculars of the instrument should be bounded by this angle both in the vertical direction and towards the convergence region in the horizontal direction. Taking into account the general conclusion from a large number of observations, and bearing in mind the necessity of insuring a long service life of the instrument, the author proposes the following values of tolerances for non-parallelness of the corresponding rays behind the oculars. In the horizontal direction - within $36'$; the same, but outside $5'$; in the vertical direction $5'$. -- B.M. Koryekin

Card 2/2

DEKANY, Sandor, dr

New color methods in film technique and television. Musz elet 16
no.5:10 Mr '61. (EEAI 1C:4)
(Motion pictures) (Color television)

DÉKÁNY, Sándor

SURNAME (in caps); Given Names

Country: Hungary

Academic Degrees: Dr of Technological Sciences (A műszaki tudományok
doktora)

Affiliation: Hungarian Institute of Film Sciences (Magyar Film-
tudományi Intézet)

Source: Budapest, Magyar Pszichológiai Szemle, Vol 18, No 3, 1961

pp 363- 366.

Data: " Physiological and Psychological Aspects of New Theories of
Color Vision."

Summary of the Lecture given 6 Jan 61 by the Subcommittee for
Methodology of the Committee for Psychology of the Hungarian
Academy of Sciences (A MTA [Magyar Tudományos Akadémia]
Pszichológiai Bizottság Módszertani Albizottsága)

DEKANY, Sandor, a muszaki tudományok doktora

Correlations among physical, physiological, and psychological
optics. Kép hang 8 no.3:77-81 Je '62.

DEKANY, Sandor, a muszaki tudományok doktora

Up-to-date investigation of photographic objectives.
Kep hang 8 no.4:111-114 Ag '62.

DEKANY, S., Docteur es sciences techniques

Two new methods for producing color vision and an examination of the possibility of applying them in cinematography and television. Acta techn Hung 11 no.1/2:47-71 '62.

1. Institut des sciences du film et cinematheque hongorise, Budapest.

DEKANY, Sandor, dr., a muszaki tudományok doktora

Physiological and psychological aspects of the new theories of chromatopsia. Magyar pszichol szemle 18 no.3:363-366 '61.

1. Magyar Filmtudományi Intézet.

DEKANY, Sandor, dr., nyugalmazott egyetemi tanar

Stereocentgen: a new Hungarian invention. *Musz élet* 18 no.13:7
20 Je '63.

DEKANY, Sander, dr.

Stereophotography. Muaz elet 18 no.15:1,10 18 Je 163.

DEKANY, Sandor, egyetemi tanar, a muszaki tudomanyok doktora

Proposal for the determination of the tolerance values of
some characteristic data of stereophotography. Kep hang
9 no.6:172-175 D '63.

DEKANY, Sandor

Dr. Ferenc Gyulai, 1905-1964; obituary. Kep hang 10 no.5:158
0 '64.

DEKANY, Sandor, dr.

Means and methods of research filming for determining the operation
of aircrafts and the motion of rockets. Kep hang 11 no.1:21-25 F '65.

DEKANY, Sandor, dr.

Filmig in aeronautical engineering. Muaz elet 20 no.13
1,14 14 Ja '65.

PATRIN, A.A.; YEREMCHENKO, M.I.; RYZHAKOV, F.V.; BAKHIR, Ya.V.; DEKAPOLITOV, I.P.

Concerning the article "Mounting of wire broadcasting networks and electric power transmission lines on common poles." Prom. energ. 17 no.8:32-34 Ag '62. (MIRA 16:4)

1. Belomorskaya elektroset' Karel'skoy ASSR (for Patrin).
 2. Gossel'-elektronadzor, g. Groznyy (for Yeremchenko).
 3. Glavnoye upravleniye elektrifikatsii sel'skogo khozyaystva, g. Groznyy (for Ryzhakov).
 4. Tuymazanef't' (for Bakhir).
 5. Darnitskiy setevoy rayon Yugo-Zapadnoy zheleznoy dorogi (for Dekapolitov).
- (Electric lines--Overhead) (Electric lines--Poles and towers)

SARATOV'TSEVA, R.G.; SAFRONOV, V.I.; DEKAPOLITOV, I.P. (Kiyev);
NAROZHNIY, V.B., inzh.; BERDICHEVSKIY, L.N., inzh. (Novosibirsk)

Concerning the article "Uniform safety engineering regulations
for electric power distribution networks." Energetik 13
no.11:33-34 N '65. (MIRA 18:11)

1. Starshiy inzh. PTE Kaliningradenergo (for Saratov'tseva).
2. Nachal'nik sluzhby setey REU Kaliningradenergo (for Safronov).
3. Nachal'nik Darnitskogo setovogo rayona Yugo-Zapadnoy zheleznoy dorogi (for Dekapolitov).
4. Kiyevenergo (for Narozhnyy).
5. Priobskiy seti (for Berdichevskiy).

DeKAPRELEVICH, L. L.

USSR/Cultivable plants - Grains.

Abstr Jour : Ref Zhur - Biol., No 3, 1953, 10728

Author : Dekaprelevich, L.L.

Inst : ~~USSR Academy of Sciences, Institute of Botany~~

Title : Testing Corn Sorts and Hybrids in Georgia.

Orig pub : *Rukovodstvo* 1955 g., Moskva, Dal'tkhosgiz, 1956, No 6, 133-143.

Abstract : The results are given of tests conducted in various zones of Georgia in 1955 in which sortalinear, interlinear, and intersortal hybrids were examined as well as new sorts. In the Michne-Kartliysk irrigated zone and the Kcalaznnek moist zone, which were the most favorable ones, the latest maturing sorts gave the best results (Kartuli Krugi gave average yields of 71 centners/hectare over 15 years; the interlinear hybrid, VIR 260 was another late-maturing sort). Other hybrids with good prospects are Krasnodarskiy 4, Krasnodarskiy 5, and the Kartuli I sort. In the

Card 1/2

Country : USSR

Category: Cultivated Plants. Grains.

M

Obs Jour: RZhBiol., No 11, 1958, No 48887

Author : Dehapselevach, L.I.

Inst : Georgian Agricultural Inst.

Title : The History of Corn Propagation in Georgia and
Adjacent Regions.

Orig Pub: Tr. Gruz. s.-kh. in-ta, 1957, 46, 27-42

Abstract: No abstract.

Card : 1/1

DEKAPRELEVICH, L.L.; DGEHUADZE, O.N.

Intervarietal corn hybrids for ensilage in mountainous areas of
Georgia. Agrobiologiya no.4:505-509 J1-Ag '62. (MIRA 15:9)

1. Gruzinskiy sel'skokhozyaystvennyy institut, Tbilisi.
(GEORGIA--HYBRID CORN)

DEKAPRELEVICH, L. L.

"The wheat species of Azerbayzhan, Armenia and Georgia and their role in the evolution of the genus 'Triticum (TAX)."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

DEKAPRELEVICH, L.L. (Tbilisi)

Methods and results of kidney bean breeding in Georgia.
Agrobiclogia no.2:184-190 Mr.-Ap '64. (MIRA 17:6)

DEKAPRELEVICH, L.L.; SAATASHVILI, Ya.G.

Self-pollinating lines of corn of the Imeritian hybrid varieties
and their use for the development of high-yielding hybrids. Agro-
biologia 5:756-761 S-0 '64. (MIRA 17:11)

1. Gruzinskiy sel'skokhozyaystvennyy institut.

DEKARIS, M.

"Rachiopygopagus cases", p. 89 (Yugoslavia. Vol. 1, 1951, Zagreb)

SO: Monthly List of ~~Foreign~~ ^{East European} Accessions, Vol. 2, No 9, Library of Congress, September 1953, Uncl.

DEKARIS, MIHOVIL

DEKARIS, Mihovil

Cervical pregnancy. Radovi Med. fak. Vol. 2:170-190 1953.

1. Klinika za senske bolesti i porodjaje Medicinskog fakulteta u Zagrebu (Predstojnik akademik prof. dr. Franjo Durst.) (Priljeno 4. II. 1953)

(PREGNANCY, ECTOPIC

*cervical)

DEKARIS, M.; GRGUREVIC, M.

Carcinoma vulvae. Radovi Med. fak. Zagrebu Vol.3:191-203 1954.

1. Klinika za zenske bolesti i porodjeje Medicinskog fakulteta u
Zagrebu (predstojnik prof. dr. S.Vidakovic)
(VULVA, neoplasms
surg.)

DEKARIS, Mihovil

Criminal abortion. Higijena. Beogr. 6 no.1:30-51 1954.

**1. Klinika za ženske bolesti i porode, Medicinskog fakulteta
u Zagrebu.**

**(ABORTION, CRIMINAL, statist.
Yugosl.)**

DEKARIS, M.; GROUREVIC, M.

UNCLASSIFIED CONFIDENTIAL SECRET

Early diagnosis of carcinoma. Radovi Med. fak. Zagrebu 3:
188-202 1955.

1. Iz Klinike za zenske bolesti i porodaje Medicinskog fakulteta u
Zagrebu (pred.:prof. dr. Stj. Vidakovic).
(CERVIX, UTERINE, neoplasms,
diag., early)

DEKARIS, M.

YUGOSLAVIA/Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27912

Author : Vidakovic, S., Dekaris, M., Grgurevic, M.

Inst : Not Given

Title : The Treatment of Carcinoma of the Cervix

Orig Pub : Lijecn. vjesn., 1956, 78, No 7-8, 316-330

Abstract : 1437 patients with carcinoma of the cervix were treated in gynecologic clinics at Zagreb. Of 603 patients (stages I and II) 241 females (39.9%) were subjected to various methods of surgical treatment. 71.4% were cured. Surgical intervention was resorted to in 14 patients, with stages III and IV, following irradiation. Postoperative death rate was 1.5%. Severe complications were observed in 10 patients. X-ray therapy was used on 1182 patients. Positive five-year results for all stages comprised 30.5%. The overall cure rate was 37.3%. Histological diagnosis of adenocarcinoma does not require surgical treatment. The authors believe that the best treatment is a combination of surgery and irradiation.

Card : 1/1

DEKARIS, Miboril; GRGUREVIC, Matko; TUCAN, Vladimir; BARSIC, Edvard

Importance of the systematic examination in early diagnosis of genital cancer. Radovi Med. fak. Zagrebu 1:32-48 1957,

1. From the Clinic of Obstetrics and Gynecology of Medical faculty in Zagreb.

(CERVIX NEOPLASMS, diagnosis,
early, value of systematic survey (Ser))

DEKARIS, M.; RAJHVAJN, B.

The residual ovary. Med. arh., Sarajevo 12 no.2:17-21 Mr-Apr '59.

1. Klinika za ženske bolesti i porode Medicinskog fakulteta u Zagrebu.

(OVARY surg.)

DEKARIS, M.; RAJHVAJN, B.; GRGUREVIC, M.

Protection of the ureters during radical surgical interventions and during irradiations. Acta chir. Iugosl. 8 no.1:59-69 '61.

1. Klinika za zenske bolesti i porodaje Medicinskog fakulteta u Zagrebu (Predstojnik prof. dr S.Vidakovic).

(URETERS surg) (URETERS radiation eff)
(RADIATION PROTECTION) (HYSTERECTOMY)

DEKARIS, Mihovil; DURST, Milan; URBANKE, Aladar; BAGOVIC, Pero

Pregnancy in a rudimentary cornu of the uterus bicornis. Rad. med. fak.
Zagreb. 10 no.2:95-113 '62.

(PREGNANCY COMPLICATIONS) (UTERUS)

DEKARIS, Mihovil, dr.; KRZMAR, Boris, dr.; KULCAR, Zivko, dr.

Current status of uterine carcinoma in Croatia. Lijecn. vjesn. 84
no.8:765-771 '62.

1. Iz Ginekoloske klinike Medicinskog fakulteta i Republikog zavoda
za zastitu zdravlja u Zagrebu.
(UTERINE NEOPLASMS)

DEKARIS, Mihovil, dr.; RAJEVAJN, Branko, dr.

Septic abortion caused by *Cl. perfringens*. Liječn. vjesn. 84 no.8:
781-789 '62.

1. Iz Ginekološke klinike Medicinskog fakulteta u Zagrebu.
(*CLOSTRIDIUM PERFRINGENS*) (ABORTION CRIMINAL)

DEKARIS, Mihovil; RAJHVAJN, Branko; SKULJ, Vladimir; DRAZANCIC, Ante

Endometrial carcinomas. Rad. med.fak. Zagreb. 10:201-213 '62.
(UTERINE NEOPLASMS)

S

DEKARIS, M. Hovila

YUGOSLAVIA

~~Nihovil DEKARIS~~, Branko RAJHVAJN, Vladimir SKULJ and Ante DRAZANCIC,
Clinic for Obstetrics and Gynecology of Medical Faculty of University
(Klinika za zenske bolesti i porode Medicinskog fakulteta Univerziteta)
Zagreb.

"Endometrial Cancers."

Zagreb, Radovi Medicinskog Fakulteta u Zagrebu, Vol 10, No 3, 1962; pp
201-213.

Abstract [English summary modified]: Statistical analysis of 223 cases
of uterine cancer treated in 1946-1955; ages 37 to 86; 71 6-parae;
data on symptoms, diagnosis, course, treatment methods (surgical in
179, mostly in conjunction with radiotherapy;) results. Comprehensive
epidemiologic discussion. Two tables; 4 graphs; 29 Western references.

1/1

DEKARIS, Mihovil, dr.

Premature labor as a sequel to pathological pregnancy. *Liječni.*
vjesn. 85 no.1:25-36 '63.

1. Iz Klinike za ženske bolesti i prode Medicinskog fakulteta
u Zagrebu.

(PREGNANCY COMPL) (INFANT, PREMATURE)

S

KUSAKOV, M.M.; RAZUMOVSKAYA, E.A.; DEKARTOV, A.P.

Radioactive indicator study of the interaction between elemental
sulfur and thin copper films in a carbon medium. Zhur. prikl.
khim. 33 no.11:2466-2470 N '60. (MIRA 14:4)
(Sulfur--Isotopes) (Copper)

S/081/62/000/005/077/112
B162/B101

AUTHORS: Kusakov, M. M., Sanin, P. I., Razumovskaya, E. A.,
Ul'yanova, A. V., Dekartov, A. P.

TITLE: Investigation of the mechanism of interaction of tributyl
trithiophosphite in a hydrocarbon medium with thin layers of
copper by the radioactive indicator method

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 5, 1962, 527,
abstract 5M209 (Sb. "Prisadki k maslam i toplivam".
M., Gostoptekhizdat, 1961, 207-213)

TEXT: An investigation is made of the kinetics of the interaction of
tributyl trithiophosphite (I) solutions labeled with S^{35} , P^{32} , or C^{14} , in
the naphtheneparaffin fraction of MS-20 (MS-20) oil at temperatures from
70 to $130^{\circ}C$ with thin layers of copper (from 70 to 1000 Å), obtained by
the method of evaporation copper in vacuum and deposited on a degreased

Card 1/2

Investigation of the mechanism ...

S/081/62/000/005/077/112
B162/B101

glass; concentration of I in oil is 0.1 moles/liter. It is shown that in the interaction of the solution I with copper films are formed which contain S, P, and C. It is assumed that I, on reacting with copper at an increased temperature, decomposes according to the equation $8I \rightarrow 2PH_3 + 9C_4H_9SH + 15C_4H_8 + 3P_2S_5$. The separated C_4H_9SH with copper forms $(C_4H_9S)_2Cu$ which, at an increased temperature, decomposes into $CuS + 2C_4H_8 + H_2S$, and PH_3 with copper forms phosphide. It is concluded that the films which are formed in the interaction of I with copper contain sulfide, phosphide, and mercaptide of copper, and the product of reaction of the hydrocarbon radical I with copper. [Abstracter's note: Complete translation.]

Card 2/2