

KAROLEVA, V.D.; LOSKUTOV, F.M.

Studying the reduction of zinc ferrates. Izv. vys. ucheb.  
zav.; tsvet. met. 4 no.3:57-66 '61. (MIRA 15:1)

1. Krasnoyarskiy institut tsvetnykh metallov. Kafedra  
metallurgii tyazhelykh tsvetnykh metallov.  
(Zinc ferrate)

YORDANOV, Y.T. [Iordanov, I.T.]; POPOV, M.Z.; KAROLEVA, V.D.; YANCHEV, Ya.Kh.

Experience in the treatment of Waelz oxides at the Plovdiv  
Nonferrous Metal Combine. TSvet. met. 36 no.1:23-30 Ja  
'63. (MIRA 16:5)  
(Bulgaria--Nonferrous metals--Metallurgy)

*KAROLEVSKAYA N.S.*

USSR/Magnetism - Ferrites

F-6

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12024

Author : Karolevskaya, N.S., Mil'ner, A.S.

Inst : ~~Khar'kov University~~ imeni A.M. Gor'kiy.

Title : Magnetic Properties of Magnetite at Low Temperatures

Orig Pub : Fiz. metallov i metallovedeniye, 1956, 3, No 1, 186-188

Abstract : A study was made of the effect of the temperature, at which the magnetic field (H) is turned on during the cooling of magnetite, on the temperature of the  $\beta \rightarrow \alpha$  transition, and on the value of the magnetization intensity that occurs upon this change. It is observed that turning H on at temperatures above 120° K gives the same result (the magnetization increases by 10%). Different results, but results that are in agreement with each other, are obtained by turning H on at temperature below

Card 1/2

KAROLEWICZ, LESZEK

POLAND / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol., 5, 1958, 21899.

Author : Karolewicz, Leszek.

Inst : Not given.

Title : Changes in Glycogen Content in Brown Adipose  
Tissue in the White Mouse.

Orig Pub: Folia Morphol., 1956, 7, No 3, 207-210.

Abstract: The content of glycogen in the brown adipose tissue (BAT) of white mouse is considerably greater during the summer period (June) than in the late autumn (November). Daily variation of glycogen content in BAT of mice are noted in the summer and are absent in the fall.

Card 1/1

KAROLEWICZ, S.

Karolewicz S.

Krause A., Kotkowski St. and Karolewicz S. "Impact of Multicomponent-Catalyst Structure on Catalytic Activity." (Wplyw struktury katalizatorow wieloskladnikowych na aktywnosc katalityczna). Przemysl Chemiczny, No. 1, 1950, pp. 25--32, 1 fig., 4 tabs.

A mixture has been composed of ferric and cupric hydroxides; the atomic relation Fe:Cu in one case was 1:0,5, in the second case--1:1. With the raising of the temperature of drying, the hydroxides showed a decreasing catalytic activity, which was tested by way of osication of formic acid with 0.6% hydrogen peroxide at a temp. of 37°C. At a certain, not very high, temperature there appears sensitization and activation of the peroxidative properties--resulting from cupric ferrite formation in which the most active transitory phases are obtained at 350--400°C. Within this temperature range, there appears ferromagnetism and a certain increase of apparent volume. A Roentgenographic examination of samples heated above 400°C demonstrated the spinel structure of cupric ferrite, forming itself through different transitory phases, of a radical structure. At higher temeratures the radical structure disappears and at the same time catalytic activity.

SO: Polish Technical Abstracts - No. 2, 1951

KAROLEWSKI, Jan, mgr inż.

Third Polish National Conference on Automatic Control.  
Przeł papier 20 no.9:301 S '64.

KAROLEWSKI, Wieslaw

Automation of the calendar with electronic device for metal casting  
detection in cloth. Przegl włokien 18 no.1:34-37 Ja'64

KAROLI, Giorgai [Karolyi, Gergely]

Modern hospital care for infectious disease patients in  
large cities. Suvr. med. (Sofia) 15 no.6:3-9 '62



MATVEYEV, Gennadiy Petrovich; KOSFINSKIY, D.N., red.; KAROLIK, M.A.,  
red.; POPOVA, V.I., mladshiy red.; KISKLEVA, Z.A., red.kart;  
VILENSKAYA, E.N., tekhn.red.

[Luxemburg] Liuksenburg. Moskva, Gos.izd-vo geogr.lit-ry,  
1960. 77 p. (MIRA 14:2)  
(Luxemburg)

GORDONOV, Lazar' Sholomovich; KAROLIK, M.A., red.; CHIZHOV, N.N., red.;  
SHAPOVALOVA, N.S., mlad. red.; MAL'CHEVSKIY, G.N., red. kart;  
VILENSKAYA, E.N., tekhn. red.

[Foreign airways] Vozdushnye puti zarubezhnykh stran. Moskva,  
Gos.izd-vo geogr.lit-ry, 1961. 350 p. (MIRA 15:1)  
(Aeronautics, Commercial) (Airways)

FIDLER, Arkadiy [Fiedler, Arkady]; KOVALEVSKIY, V.S. [translator];  
KAROLIK, M.A., red.; MARTYNOVA, V.A., mladshiy red.;  
VILENSKAYA, E.N., tekhn. red.

[The river of singing fish] Ryby poiut v Ukaiali. Moskva,  
Geografiz, 1963. 239 p. Translation from Polish.

(MIRA 16:12)

(Peru—Description and travel)  
(Ucayali River, Peru)

MURZAYEV, Eduard Makarovich; ZABIROV, B.Sh., red.; KAROLIK, M.A.,  
red.; SHAPOVALOVA, N.S., mladshiy red.; KOSHEIEVA, S.M.,  
tekh. red.

[Travels without adventures and phantasy; geographer's notes]  
Puteshestvia bez prikliuchenii i fantastiki; zapiski geografa.  
Moskva, Geografiz, 1962. 158 p. (MIRA 16:2)  
(China--Description and travel)

MAYERGOYZ, Isaak Moiseyevich; KAROLIK, M.A., red.; MARTYNOVA, V.A.,  
mlad. red.

[The Czechoslovak Socialist Republic; economic geography]  
Chekhoslovatskaia Sotsialisticheskaia Respublika; ekonomiche-  
skaia geografiia. Moskva, "Mysl'," 1964. 730 p.  
(MIRA 17:5)

KAROLIM, A.Ye. (Leningrad); KHROMYKH, V.I. (Leningrad)

Improved technology of track alignment. Put' 1 put. khoz. 9  
no.10;12-13 '65. (MIRA 18:10)

ANDREYEV, G. . ., kand.tekhn.nauk, KAROLIM, A.Ye., inzh.

Grinding and planing rails as a measure for controlling defects  
specified in sketch No.82 of the classification table. Vest.  
TSNII MPS 19 no.8:58-59 '60. (MIRA 13:12)

1. Sluzhba puti i sooruzheniy Oktyabr'skoy zheleznoy dorogi.  
(Railroads—Rails)

AMELIN, S.V., prof., doktor tekhn. nauk (Leningrad), ANDREYEV, G.Ye.,  
kand. tekhn. nauk (Leningrad); KAROLIN, A.Ye. (Leningrad)

lengthening the service life of reinforced concrete ties. Zhel.  
der. transp. 46 no.7:49-53 JI '64. (MIRA 1968)

1. Glavnyy inzh. sluzhby puti Oktyabr'skoy dorogi (for Karolin).



KAROLIN, M.

Taking care of the agricultural machinery on a collective farm. n. 520

SOTSIALISTLIK POLIUMAJANDUS. Tallinn, Estonia. Vol. 14, no. 11, June 1959

Monthly List of East European Accessions, (EEAI), I.C. Vol. 8, No. 9, September 1959  
Incl.

KAROLINI, W.

COUNTRY : POLAND  
CATEGORY : Cultivated Plants. Cereals. M  
REF. JOUR. : WERSHOL., No.14, 1958, No. 63331  
AUTHOR : Ruebenbauer, T., Karolini, W.  
INST. : -  
TITLE : Results of Experiments Carried Out in Poland from 1950 to 1952 on Different Varieties of Rye.  
ORIG. PUB. : Roczn. nauk rolniczych., 1956, D76, 5-85  
ABSTRACT : A description is given of 12 regions divided according to climatic conditions of rye cultivation, and varieties adapted for each region. Lyulova rye is most suitable for the western part of Poland and Kazimirskaya - for the southern regions.

Card: 1/1

1.1  
DOGEL', V.A. and KAROLINSKAYA, KH.

1936. Parazitofauna strizha. uch. zap. lgu. ser. biol, 7(3):49-79.

KAROLINSKAJA, KH. K.

"Amitotic Division and Its Place in Cell Multiplication.  
(p.287-304) by Kh. K. Karolinskaia

SO: Progress of Contemporary Biology (Uspelki Sovremennoi Biologii)  
1992, Vol. XXXIII, N<sup>o</sup>. 2

KAROLINSKAYA KH. M.

Karyokinesis

Amitotic fission and its importance in the reproduction of cells. Kh. M. karolinskaia.  
Usp. sovr. biol. 33 No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

KAROLINSKAYA, Kh.M.

Growth and development of spermatozoa in frog. Doklady Akad. nauk  
SSSR 90 no.4:667-670 1 June 1953. (CMLL 25:1)

1. Presented by Academician Ye.N. Pavlovskiy 30 March 1953.

KAROLINSKAYA, K.M.

On the mode of cell multiplication in the developing frog testis.  
Dokl.AN SSSR 112 no.1:130-132 Ja '57. (MLBA 10:2)

1. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut.  
Predstavleno akademikom Ye.N.Pavlovskim.  
(Testicle) (Spermatogenesis in animals)

02201

16.0800

S/140/60/000/004/014/023 XX  
C111/C222

AUTHOR: Karolinskaya, L.N.

TITLE: Direct Decomposition of Abstract Algebras <sup>16</sup> With Marked Subalgebras

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1960,  
No. 4, pp. 106 - 113

TEXT: The author generalizes a theorem of Hasimoto (Ref. 4) (criterion for the representability of an abstract algebra as a complete direct product of a certain number of its factor algebras) to the case of algebras with marked subalgebras (cf (Ref. 2,3)).

An algebra  $A$  is a set of elements with a set of finitary operations  $f_\alpha$ .

Every  $f_\alpha$  is a unique function which associates with every sequence of elements  $(x_1, \dots, x_n)$  of  $A$  a value  $f_\alpha(x_1, \dots, x_n)$  in  $A$ . Two algebras are of the same type if they have the same operations  $f_\alpha$ . A congruence  $\theta$  on  $A$  is an equivalence relation  $x \equiv y(\theta)$  with the property: if  $x_i \equiv y_i(\theta)$ ,  $i = 1, \dots, n$ , then it holds  $f_\alpha(x_1, \dots, x_n) \equiv f_\alpha(y_1, \dots, y_n)(\theta)$ . The homomorphism, generated by  $\theta$  on  $A$ , of  $A$  onto the algebra  $\theta(A)$  of the subsets

Card 1/4



85501

Direct Decomposition of Abstract Algebras With S/140/60/000/004/014/023 XX  
 Marked Subalgebras

$C(y, \theta) = \{x; x \equiv y(\theta)\}$  of the algebra  $A$  is also denoted by  $\theta$ . According to (Ref. 4) the set  $\Sigma$  of congruences on  $A$  is called completely exchangeable if every subset  $\{\theta_\nu\} \subseteq \Sigma, \nu \in \mathcal{N}$ , satisfies the conditions for every set of elements  $x_\nu \in A, \nu \in \mathcal{N}$  with the property  $x_\lambda \equiv x_\mu(\varphi_\lambda \cup \varphi_\mu)$ , where  $\varphi_\lambda = \bigwedge_{\nu \neq \lambda} \theta_\nu$ , there exists an  $x \in A$  so that  $x \equiv x_\nu(\theta_\nu)$  for all  $\nu \in \mathcal{N}$ .

Given the set  $\{A_\omega\}, \omega \in \Omega$ , of algebras  $A_\omega$  of the same type, where in every  $A_\omega$  a subalgebra  $A'_\omega$  be marked. Let a new algebra  $A$  be defined by:  $x \in A$  then and only then if the set  $\{\omega; x_\omega \in A'_\omega; \omega \in \Omega\}$  is finite, where the sets  $x = \{x_\omega; \omega \in \Omega\}$  serve as elements  $x$ .  $x_\omega$  is called the  $\omega$ -component of the element  $x \in A$ . The set of elements  $x \in A$  for which  $x_\omega \in A'_\omega$  for all  $\omega \in \Omega$ , forms the subalgebra  $A'$  of  $A$ . The constructed algebra  $A$  with the subalgebra  $A'$  is called the direct product of the algebras  $A_\omega$  with marked subalgebras  $A'_\omega$  and is denoted with  $A[A'] = \prod_{\omega \in \Omega} A_\omega [A'_\omega]$ .  $A'$  is the complete direct product of the subalgebras  $A'_\omega$ .

Card 2/4

85501

Direct Decomposition of Abstract Algebras  
With Marked Subalgebras

S/140/60/000/004/014/023 XX  
C111/C222

Let  $A [A'] = \prod_{\omega \in \Omega} A_{\omega} [A'_{\omega}]$  be the direct product of the algebras  $A_{\omega}$  with marked algebras  $A'_{\omega}$ . The congruence  $\theta_{\omega}$ ,  $\omega \in \Omega$ , is defined on  $A$  as follows: Let  $x = \{x_{\omega}; \omega \in \Omega\} \in A$  and  $y = \{y_{\omega}; \omega \in \Omega\} \in A$ ; then it holds  $x \equiv y (\theta_{\omega})$  then and only then if  $x_{\omega} = y_{\omega}$ . The congruence  $\theta_{\omega}$  on  $A$  generates a natural homomorphism of the algebra  $A$  onto its factor algebra  $\theta_{\omega}(A)$ ; this homomorphism is also denoted with  $\theta_{\omega}$ . It holds:  $\theta_{\omega}(A) \cong A_{\omega}$ ,  $\omega \in \Omega$ . Let the homomorphism  $\theta_{\omega}$  map  $A$  onto  $A_{\omega}$ ; here  $A'$  is mapped onto  $A'_{\omega}$ , whereby on  $A'$  the congruence  $\theta'_{\omega}$  is defined, where  $\theta'_{\omega}(A') = A'_{\omega}$ ,  $\omega \in \Omega$ .

Theorem: Let  $A$  be an algebra with a marked subalgebra  $A'$  and  $\{\theta_{\omega}\}$ ,  $\omega \in \Omega$ , be a number of congruences on  $A$  inducing on  $A'$  the congruences  $\{\theta'_{\omega}\}$ ,  $\omega \in \Omega$ , (i.e. on  $A'$  the  $\theta'_{\omega}$  are identical with  $\theta_{\omega}$ ). The algebra  $A$  with the marked subalgebra  $A'$  decomposes into the direct product of the

Card 3/4

KAROLINSKAYA, L.N.

Lattices of congruences or distributive lattices. Izv. AN SSSR.  
Ser. mat. 28 no.5:1037-1054 S-O '64.

(MIRA 17:11)

KAFOLINY, L. 1948

(A Gyulai Allami Kórház Kóronctani Lab. és Nőgyógyászati Kozámenye)

"Tumours of the Broad Ligament."

Magyar Neurosvok Lapja, Budapest, 1948. 11/10(165-171)  
Abst: Exc. Med. V. Vol. 11, No. 11, p. 862

KAROLOW, Stanislaw

Technical equipment of the experimental institutes of the Polish Academy of Sciences demonstrated at international exhibitions abroad. Nauka polska 10 no.3:145-146 My-Je '62.

1. Instytut Fizyki, Polska Akademia Nauk, Warszawa.

KAROLUS, K,

GEOGRAPHY & GEOLOGY

Periodicals: GEOLOGICKE PRACE. No. 49, 1958

KAROLUS, K. macrotextural characteristics of intrusive and effusive rocks.  
p.32.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, Unclass.

KAROLUSOVA, EVA

of 25  
Petrographic and petrochemical character of the tuffs from Dolná Bihlovec and Cajkov. Eva Karolusova (Vyskumny ustava konstrukcii, Bratislava, Czech.). *Geol. práce* (Bratislava) (Rept. Ser.) 9, 43-51 (1950) (German summary).—Petrographic data and chem. analyses are given for 3 rocks, close to andesite in compo. Michael Meischer.

BRUNOVI, E.

Petrographic and petrochemical character of tuffs from the area of Dolna Prilevca and Gaskov. p.13.  
(GEOLOGIJA I OČI; PRAVY, No. 9, 1950, Bratislava, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) 10, Vol. 4, no. 12, December 1957. Incl.



KAROLUSOVA-KOCISCAKOVA, E.

GEOGRAPHY & GEOLOGY

Periodicals: GEOLGGICKE PRACE No. 49, 1958

KAROLUSOVA-KOCISCAKOVA, E. The problems concerning pyroclastic rocks. p. 78.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, Unclass.

L 47244-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6034294

SOURCE CODE: HU/0014/66/000/006/0252/0260

KAROLY, Gyula, Diplomate Metallurgical Engineer, of the Research Institute for the Iron Industry (Vasipari Kutato Intezet)

"Manufacture of Steel in Vacuum-Arc Furnaces" *A*

23  
B

Budapest, Kohászati Lapok, Vol 99, No 6, Jun 1966, pp 252-260.

Abstract: To complement the already installed vacuum-induction furnace, a vacuum-arc furnace has been installed during 1965 at the Research Institute for the Iron Industry to permit the development of the manufacturing technology of high-purity steels on a laboratory scale to aid in subsequent industrial-scale production. The author described the apparatus, which is based on the Heraeus L 200 h, 35-kg. furnace, and discusses its performance, operation, and specifications. A general discussion of the factors on which the principles and practices of vacuum-arc furnace smelting are based was made. Orig. art. has: 12 figures, 14 formulas and 2 tables. [JPRS: 36,867]

SUB CODE: 13 / SUBM DATE: none / OTH REF: 015

TOPIC TAGS: vacuum arc furnace, induction furnace

Card

1/1 *gd*

UDC: 669.14.04:621.365.2+533.5

*0921 0015*

KAROLY  
EXCERPTA MEDICA Sec 13/Vol 13/1 Dermatology Jan 59

282. PRESENT CONDITION IN THE CAMPAIGN AGAINST VENEREAL DISEASES - A nemibetegségek elleni küzdelem helyzetképe (1947-1956) - Károly I., Közl. az Országos Bőr-Nemikórtani Intéz., Országos - NEMEGESZSÉGUGY 1957, 38/12 (323-331) Tables 10

The necessity of prevention besides the modern method of treatment is emphasized. Lack of prevention may be the cause of the recently renewed increase of morbidity from venereal diseases in some countries. In Hungary in 1947 over 15,000 cases of fresh syphilitic infection were registered, in 1956 only 37. As regards gonorrhoea these figures were over 37,000 and 7,544 respectively. Data are also presented on other manifestations of syphilis (latent, congenital, neurosyphilis, etc.). The results are ascribed for a great part to early detection of cases by means of serial examinations. In gonorrhoea detection of foci proved to be especially important; the still fairly high morbidity from this disease requires more preventive work.

(XVII, 13)

KAROLY, J.

"For the Development of Socialist Competition in Forestry" p. 77, (POLANA,  
Vol. 9, no. 5, May 1953, Praha, Czechoslovakia).

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

KAROLY, Jozsef

The voice of Radio Kossuth on TV. Radiotechnika 13 no.1:25  
Ja '63.

KAROLY, Jozsef; BOGNAR, Arpad

Conversion of the MAMBO magnetophone to a two-speed tape.  
Radiotechnika 13 no.2:48-49 F '63.

KURUCZ, Janos, Dr.; KAROLY, Kara

Use of methylmethacrylate in the pathological study of the lung.  
Tuberkulozis 11 no.6:134-138 June 58.

1. Az Orszagos Koranyi Tbc. Intezet (Igazgato: BZoszormenyi Miklos dr.,  
tudomanyos vezeto: Foldes Istvan dr.) korbonctani osztalyanak kozlomenye.

(ACRYLATES

methylmethacrylate in prep. of pathol. lung specimens (Hun))

(LUNGS, pathol.

prep. of pathol. lung specimens in methylmethacrylate (Hun))

(PATHOLOGY

embedding of pathol. specimens in methylmethacrylate (Hun))

KAROLY, S.

HALMAGYI, D.; FELKAI, B.; IVANYI, J.; KAROLY, S.

Role of the central nervous system in the pathomechanism of chronic congestive heart failure; the effect of sleep on the hemodynamics of congestive heart failure. Magy.belorv.arch. 4 no.3:117-119 1951.

(CJML 21:1)

1. All doctors, except Szeitz, Technician. 2. First Internal Clinic (Head--Prof.Dr.Geza Hetenyi), Szeged Medical University.



KAROLY, J.

Academician Dezso Pais is seventy years old. p. 175  
The five-year economic plan of the Republic of India. p. 176

Vol. 115, no. 3, Mar. 1956  
ISPAKSZET ES TARSADALOM  
Budapest, Hungary

Sources: East European accession List. Library of Congress  
Vol. 5, No. 8, August 1956

GUBA, F.; KAROLYHAZI, M.

Electrooptic studies of the structure of certain fibrous proteins.  
Acta physiol. hung. 3 no.2:311-316 1952. (GLML 24:3)

1. Of the Electron-Microscopy Laboratory of the Hungarian Academy of Sciences.

MAJLYNAY, F.

MAJLYNAY, F. The paradox of the clock. p. 481

Vol. 4, No. 6, 1956  
Magyar Fizikai Folyóirat  
SCIENCE  
Budapest, Hungary

So: East European Accession, Vol. 6, No. 3, March 1959

HUNGARY/Theoretical Physics - Relativity. Unified Field Theory      B-2

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 17236

Author : Karolyhazy, Frigyes  
Inst : Not Given  
Title : Concerning One Problem in Relativistic Theory of Rigid  
Bodies

Orig Pub : Magyar fiz. folyoirat., 1957, 5, No 3, 195-199

Abstract : It is known that in the special theory of relativity, a rigid body has a total of three degrees of freedom. Thus, for example, if a cylinder at rest in Euclidian space is set to rotate, its parts must be deformed. The problem arises whether the tremendous forces that occur upon deformation of an elastic body can deform the Euclidian space, thereby stopping any further deformation of the body itself. This possibility is discussed in the work through the use of simplified example.

Card : 1/1

KAROLYHAZY, Frigyes

Space and hours. Fiz szemle 9 no.3:80-84 Mr '59.

1. Eotvos Lorand Tudomanyegyetem Elmeleti Fizikai Intezete.

LAUE, Max, von; KAROLYHAZY, Frigyes [translator]

Ludwig Lange, an undeservedly forgotten man. Fiz szemle 10 no.8:228-230  
Ag '60.

SMITH, S.; KAROLYHAZI, Frigyes [translator]

Strontium 90. Fiz szemle 10 no.9:275-281 S '60.

KAROLYHAZI, Frigyes

Space-time structure. Fiz szemle 10 no.9:269-274 S '61.



L1650  
S/058/62/000/010/052/093  
A061/A101

24,7000

AUTHOR: Károlyházy, F.

TITLE: On the coherence properties of "incoherent" scattered radiation

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 2, abstract 10G15  
("Acta phys. Acad. scient. hung"., 1961, v. 13, no. 4, 371 - 379,  
German; summary in Russian)

TEXT: The coherence of a two-stage scattering process consists in the existence of a correlation between the directions of successively emitted photons and the direction of an absorbed photon, the correlation being dependent on the number of scattering atoms, and vanishing in the case of scattering on one atom. However, this effect is not directly observable, since one of the transitions into the ground state is forbidden, and even if the forbiddance were removed (e.g., with a magnetic field), the correlation, because of the large lifetime of excited atoms, would be significantly weakened by the atomic thermal motion. Therefore, to make observation possible, a process is suggested which consists in a two-stage absorption and the subsequent emission of a photon

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S/058/62/000/010/052/093  
A061/A101

On the coherence properties of...

of total energy, both excited states being assumed to be strongly bound to the ground state, while the transition between them is nearly forbidden. Assuming sufficient atomic density and strict directivity of both exciting light beams, it is shown that photons of total energy are scattered "mirror-like" in a direction depending on the wave vectors of the exciting photons and on the normal to the surface bounding the gas volume. 4

V. Kozlov

[Abstracter's note: Complete translation]

Card 2/2

KAROLYHAZY, Frigyes

Niels Bohr, 1885-1962. Fiz szemle 13 no.1:3-4 Ja '63.

1. Eotvos Lorand Tudomanyegystem Elméleti Fizikai Intezete,  
Budapest.

~~KAROLYHAZI~~, Frigyes

Do electromagnetic potentials have an absolute meaning? Fiz szemle  
13 no.2:54-58 F 1963.

1. Eotvos Lorand Tudomanyegyetem Elmeleti Fizikai Intezete, Budapest.

ACCESSION NR: AP4016812

H/0016/64/000/001/0018/0023

AUTHOR: Karolyhazy, Frigyas

TITLE: The Mach principle in the general theory of relativity

SOURCE: Fizikai szemle, no. 1, 1964, 18-23

TOPIC TAGS: Mach principle, relativity theory, inertia, space-time, general relativity, special relativity

ABSTRACT: A brief historical survey was presented on the Mach principle in general and its significance in the general theory of relativity in particular to clarify the often contradictory definitions and treatments encountered in the scientific literature. Einstein's general theory of relativity is actually a further development of the Mach principle. After considering all aspects involved the Mach principle can be defined as follows: By defining the internal geometry of two infinitesimally adjacent triple-areas within a closed universe and defining the energy and the energy-density for one of the areas, the total space-time and thus the inertial properties of any experimental body of negligible mass are thereby also determined. Further studies are needed for the characterization of the relations between curvature of space-time and energy-impulse density for a finite  
Card 1/2

KAROLYHAZY, F.

Mach's principle and general relativity. Acta phys Hung  
17 no.1/2:31-40 '64.

1. Institute of Theoretical Physics, Lorand Eotvos University,  
Budapest. Presented by Z.Gyulai.

KAROLYHAZY, G.:HAVAS, I.:JANCSO, G.:KAPAS, L.:SELLEI, C.

The anticarcinogenic effect of dimethylamino-acetyl-phentiazide  
(ahistan) Kiserletes orvostud. 4 no. 4:260-262 Aug 1952. (CLML 23:5)

1. Doctor for Sellei. 2. Second Internal Clinic, Budapest Medical  
University.

KAROLYHAZY, G.

The effect of streptomycin in experimental alloxan diabetes. Orv. hetil.  
94 no.34:939-941 23 Aug 1953. (CIML 25:1)

1. Second Internal Clinic (Director -- Prof. Dr. Imre Haynal), Budapest  
Medical University.



KAROLYNNEI, Gy.

Streptomycin and endocrine system: L. Moady, L. Földes, R. Zanic, and Gy. Karolyházi (Univ. Budapest). 4  
Experiments 17, 211-13 (1960) in English. -- In rabbits daily intramuscular injections of 10 mg streptomycin or 0.7 mg. prednisolone resulted in an increase in 17-keto steroid excretion in 8 cases and a decrease in 6 in response to adrenocorticotrophic hormone (ACTH); in all cases there was a decreased response in 11-hydroxy steroid excretion to ACTH. The streptomycin

treatment was accompanied by increased plasma Na and increased blood glucose. D. S. Evans

KOVACS, Maria, B., Dr.; BOJSZKO, Imre, Dr.; KAROLYHAZY, Gyula, Dr.; GORTVAI,  
Gyorgy, Dr.

Staphylococcal septicemia. Orv. hetil. 99 no.31:1077-1079 3 Aug 58.

I. A Fovarosi Robert Karoly koruti Korhaz (igazgato: Krasznal Ivan dr.)

II. az. Belosztalyanak (foorvos: Gortvai Gyorgy dr.) kozlemenye.

(MICROCOCCAL INFECTIONS, ther.

antibiotics in septicemia caused by Micrococcus Pyogenes (Hun))

(SEPTICEMIA AND BACTEREMIA, etiol. & pathogen.

Micrococcus pyogenes septicemia, ther., antibiotics (Hun))

(ANTIBIOTICS, ther. use

Micrococcus pyogenes septicemia (Hun))

KAROLYHAZY, Gyula, dr.; GORTVAI, Gyorgy, dr.

Intravenous tetracycline therapy. Orv. hetil. 101 no.18:619-622  
1 My '60.

1. Robert Karoly koruti korhaz, II. Belosztaly.  
(TETRACYCLINE ther.)  
(BILIARY TRACT dis.)

KAROLYHAZY, Gyula, dr.; KOVACS, Ervin, dr.; KOVACS, Maria, dr.

New aspects of Quinoseptyl therapy. Orv. hetil. 103 no.29:1362-1364  
22 J1 '62.

1. Karolyi Sandor Korhaz, I. Belosztaly Fovarosi Tanacs XIII. ker.  
Robert Karoly koruti Korhaz, Laboratorium Szovetseg utcai Korhaz,  
Belosztaly.

(URINARY TRACT INFECTION ther) (SULFONAMIDES ther)

KAROLYHAZY, G., dr.; KOVACS, E., dr.; KOVACS, M.B., dr.

New aspects in the therapeutic application of sulphamethoxypyridazine.  
Ther. hung. 10 no.3/4:33-35 '62.

1. Sandor Karolyi Hospital, Internal Department No. I, Laboratory  
of Karoly Robert korut Hospital of the Municipal Council in District  
XIII, Hospital in Szovetseg utca, Internal Department, Budapest.  
(SULFAMETHOXYPYRIDINE)

SECRET

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SECRET

KAROLYHAZY, Gyula, dr.; OROSZ, Laszlo, dr.

Short reflexes in the treatment of paralysis of cerebrovascular origin. Orv. hetil. 104 no.5:217-218 3 F '63.

1. Fov. Karolyi Sandor korhaz, I. Belosztaly es XIII ker Tanacs VB.  
Robert Karoly koruti korhaz, II. Belosztaly.  
(PARALYSIS) (CEREBROVASCULAR DISORDERS) (REFLEX)

HORANYI, Mihaly, dr.; KAROLYHAZY, Maria, dr.

Control of capillary resistance during anticoagulant therapy. (A sensitive method for the measurement of capillary resistance). Orv. hetil. 105 no. 46:2172-2174 15 N '64.

1. XIX. ker. Tanacs Szakorvosi Rendelointezet, Korhazi Belosztaly (Foorvos: Horanyi, Mihaly, dr.)



HOBANYI, M.; KAROLYI, N.

On the control of capillary resistance by anti-regulator therapy;  
measurement of capillary resistance by a perfused method. Acta  
med. Acad. sci. Hung. 3(1973-74) 161.

1. Medizinische Abteilung (Chefarzt Dr. M. Károlyi) des Städtischen  
Hohen Institutes, 117. Bezirk, Budapest.

FULOP, Tamas, dr.; KAROLYI, Gyorgy, dr.

Attempt to organize the general health services for insured rural workers in an agricultural district. Nepegeszsegugy 44 no.9:259-264 S '63.

1. Kozlemany a Debreceni Orvostudomanyi Egyetem Egeszsegugyi Szervezesi Intezetebol.

(INSURANCE, HEALTH) (RURAL HEALTH)  
(MASS SCREENING TECHNICS)  
(WORKMEN'S COMPENSATION)  
(STATISTICS)  
(AGRICULTURAL WORKERS' DISEASES)

KAROLYI, Gyorgy, dr.; SZABO, Gyorgy, dr.

A pediatric gynecological case. Orv. hetil. 105 no.33:1577  
16 Apr '64.

CA KAROLYI, ARPAD

2

Deviation of Hungarian natural gases from the ideal gas laws. Arpad Karolyi. *Bányászati Közlöny* 62, 300-7 (1949).—Methods for illustrating, measuring, and calculating the deviations are described. For the measuring of deviations the pressure-volume cell was applied at a pressure of 15.21 times the pressure of the atmosphere. The values obtained agreed with data calculated by the Van der Waals method (C.A. 36, 6633). The Van der Waals equation did not give exact results in the case of natural gases containing much CO<sub>2</sub>. I. Findly.

1951

KAROLYI, A

PVT measurements and a new methodology for their evaluation.

P. 413 (Banaszati Lapok. Vol. 12, no. 7/ July/ Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (FTAI) LC. Vol. 7, no. 2,  
February 1958

LEVENDEL, Laszlo, dr.; VARADY, Tamas, dr.; BEDE, Lidia, dr.;  
KAROLYI, Alice, dr.

Therapeutic results in 180 alcoholic patients with pulmonary tuberculosis. Tuberkulozis 16 no.8:248-251 Ag '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) kozlemenye.

(TUBERCULOSIS, PULMONARY) (ALCOHOLISM)  
(PNEUMONECTOMY) (POSTOPERATIVE COMPLICATIONS)

HUNGARY

HANKOVSKY, Maria, Dr., and KAROLYI, Alice, Dr., Pulmonary Department of the Capital Hospital at Uzsoki Street (Fovarosi Uzsoki Utcai Korhaz, Tudosztaly) in Budapest (Director, Physician-in-Chief: SZANTO, Sandor, Dr.); and National Koranyi Institute for Tuberculosis (Orszagos Koranyi Tbc. Intezet)[location not given](Director, Physician-in-Chief: BOSZORMENYI, Miklos, Dr.; Scientific Director: FOLDES, Istvan, Dr.).

"Clinical Investigation of the Cough-Suppressing Effect of Libexin"

Budapest, Orvosi Hetilap, Vol 107, No 30, 24 Jul 1966, pp 1427-1428.

Abstract: Double-blind experiments were conducted on 160 patients to investigate the effects of Libexin, the cough-suppressing drug made by Chinoin Pharmaceutical Works (Chinoin Gyogyszergyar). The effects were similar to those of codeine. The composition of the drug is 3-[ $\alpha,\beta$ -diphenylethyl]-5-[ $\beta$ piperidinoethyl]-1,2,4-oxanediazol-hydrochloride. There were no side effects noticed, and the drug did not suppress expectoration. 9 references, including 3 German, 1 Japanese, 2 Hungarian, and 3 Western.

1/1

- 53 -

Tests on mercury capillary pressure curves. Bany lap 97 no.1:  
50-57 Ja'64.

1. Orszagos Koolaj- es Gazipari Troszto Tudomanyos Kutato es Fejlesztési Osztaly, Nagykanizsa.

KAROLYI, Arpad, tudományos kutató

Oil producing possibilities from fissure-free limestone. Bány  
lap 97 no.8:560-566 Ag '64.

1. National Petroleum and Gas Industry Trust, Magyarországon.



BALINT, Arpad; KAROLYI, Geza

Electronic temperature regulating instrument. Kiserl. orvostud.  
14 no.4:443-446 S '62.

1. Orvosi Fizikai Intezet Debrecen.  
(TEMPERATURE) (EQUIPMENT AND SUPPLIES)

BARABAS, Gyorgy; KAROLYI, Geza; SZABO, Gabor; BALINT, Arpad.

Disruption of *Streptomyces griseus* by sonic effects. Kiserl.  
orvostud. 16 no.2:184-188 Ap'64

1. Chinoin Gyogyszergyar (Budapest), Debreceni Orvostudományi  
Egyetem Gyogyszertani Intezete, Orvosi Fizikai Intezete es  
Biologiai Intezete (Debrecen).

\*

HUNGARY

KAROLYI, Geza, BARABAS, Gyony, SZABO, Gabor; Medical University of Debrecen, Institute of Medical Physics and Biology (Debreceni Orvostudományi Egyetem, Orvosi Fizikai és Biológiai Intézet).

"Apparatus for Mechanical Cell Disruption."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 5, Oct 66, pages 477-479.

Abstract: [Authors' Hungarian summary] A mechanical cell-disrupting device was designed which functions with added materials and is suited for the disruption of microorganisms, the production of cell-wall preparations and the separation of enzymes. The advantage of the apparatus is that it can disrupt, at one time, a relatively large volume (5-25 ml) of cell suspension with very good efficiency. According to the experimental results, 15 minutes were sufficient to disrupt the yeast cells used by the authors while the disruption of *Str. griseus* spores required 40-45 minutes. According to the experiences gained so-far, the apparatus may be suited for the disruption of other microorganisms as well. 1 Hungarian, 7 Western references. [Manuscript received 29 Sep 66.]

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- 24 -

On diseases causing temporary disability among workers of state farms in the Hajdu-Bihar County. Nepegeszsegügy 44 no.12:366-388 D '63.

1. Kozlemany a Debreceni Orvostudományi Egyetem Egészségügyi Szervezési Intézetéből.

(AGRICULTURAL WORKERS' DISEASES)  
(DISABILITY EVALUATION)  
(REHABILITATION) (STATISTICS)

PINCZES, Laszlo, dr.; KAROLYI, Gyorgy, dr.

Analysis of the office hours of district physicians in rural areas. Nepegeszsagugy 45 no.1:12-14 Ja'64.

1. Kozlemeney a Debreceni Orvostudomanyi Egyetem Egeszsaegugui Szervezeti Intezetebol.

\*

FULOP, Tamas, dr.; KAROLYI, Gyorgy, dr.

Experiments on the organization of medical care for the insured inhabitants of a village. *Nepegeszsegugy* 40 no.10:261-264  
0 '59.

1. Közlemeny a Debreceni Orvostudományi Egyetem Közegszegystani Intezetetol (igazgato: Jenoy Endre dr. egyetemi tanar, az orvostudományok doktorn).

(STATE MEDICINE)

(RURAL HEALTH)

KAROLYI, Gyorgy, dr.

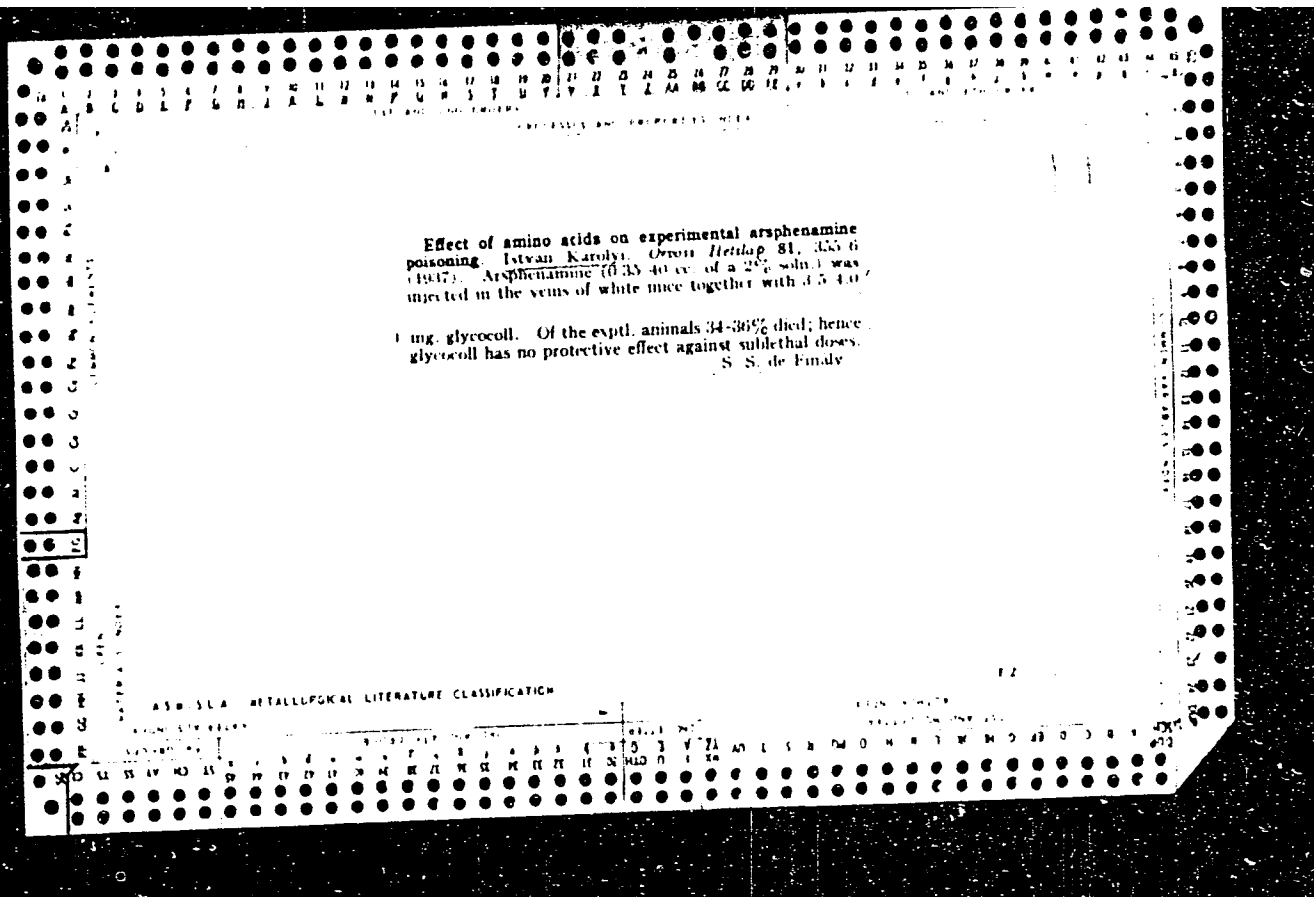
Determination of the hourly requirement in polyclinics according to the 2nd 5-year plan. Nepegeszegugy 43 no.6:171-175 Je '62.

1. Közlemeny a Hajda-Bihar megyei tanacs vb. egeszsegugyi osztalyarol (megyei foorvos: Karolyi Gyorgy dr.) es a Debreceni Orvostudomanyi Egyetem Kozegeszsegteni Intozetenek (igazgato: Jeney Endre dr. egyetemi tanar, az orvostudomanyok doktora) Egeszsegugyi Szervezestani Csoportjatol.

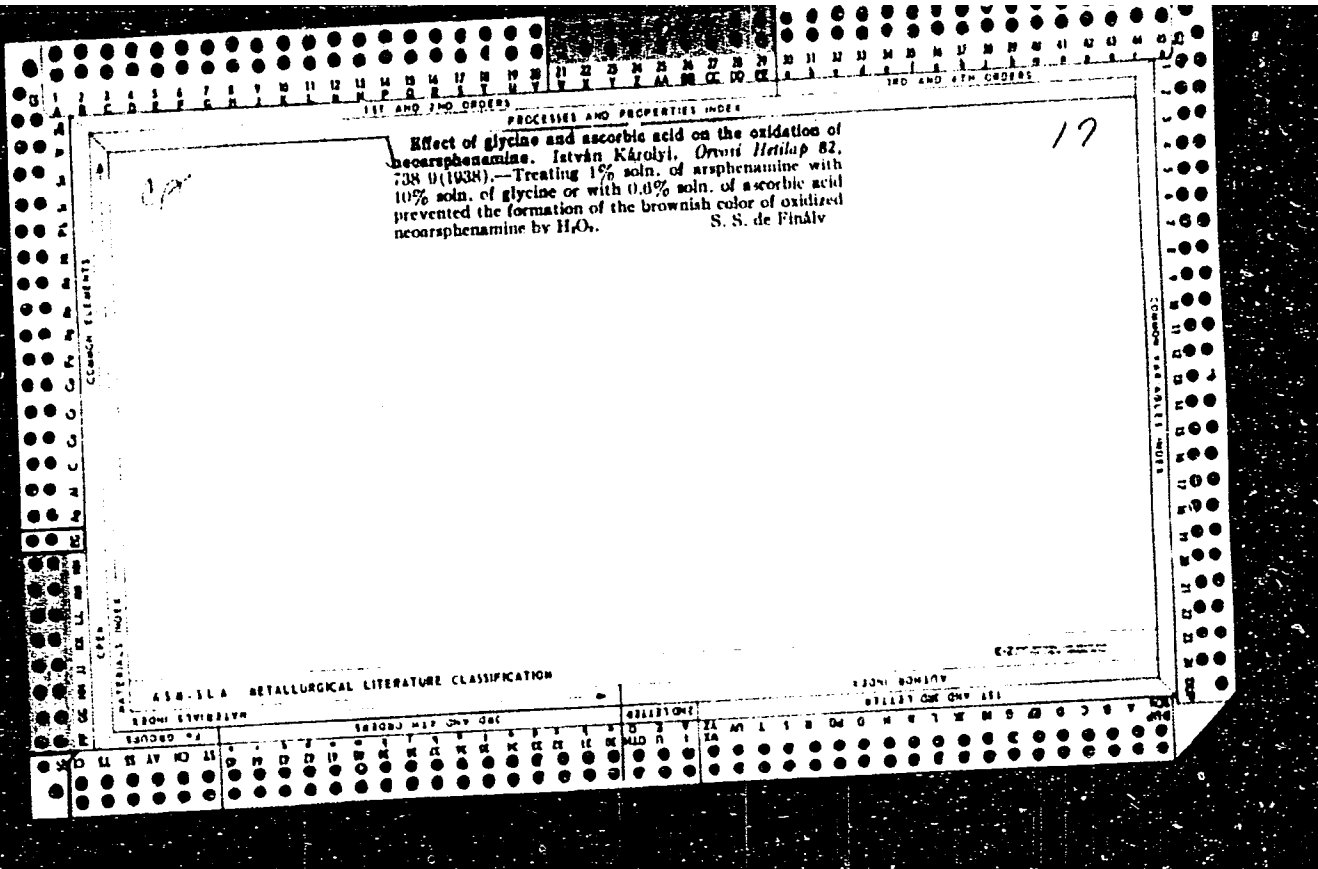
(HOSPITAL ADMINISTRATION)

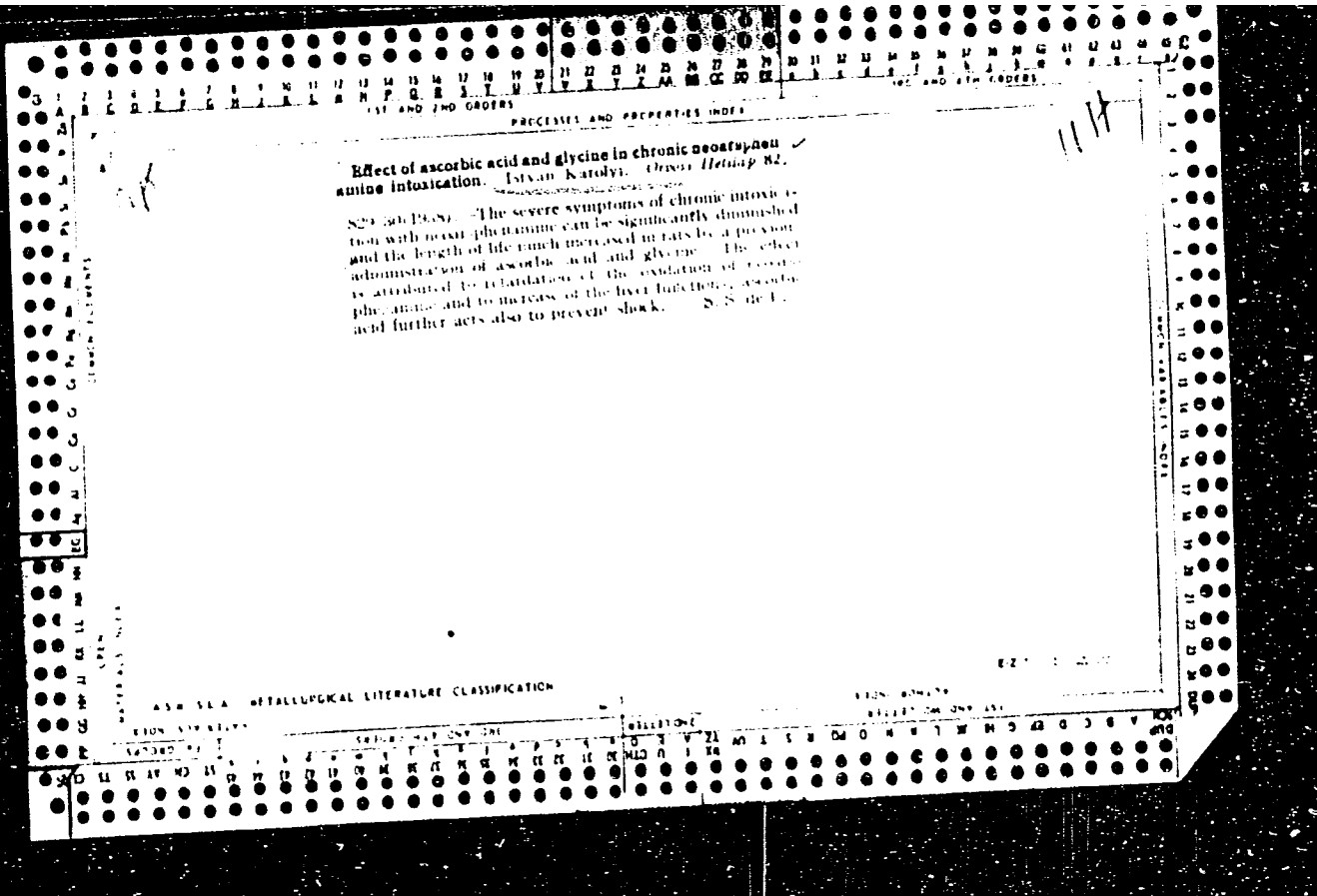
MAHUNKA, Imre; LAKATOS, Tamás; FEJVES, Tibor; KAROLYI, Gyula, fizikus;  
BAKOCZY, Mihály, memok; CSUKA, Imre, memok; NAGY, József,  
memok.

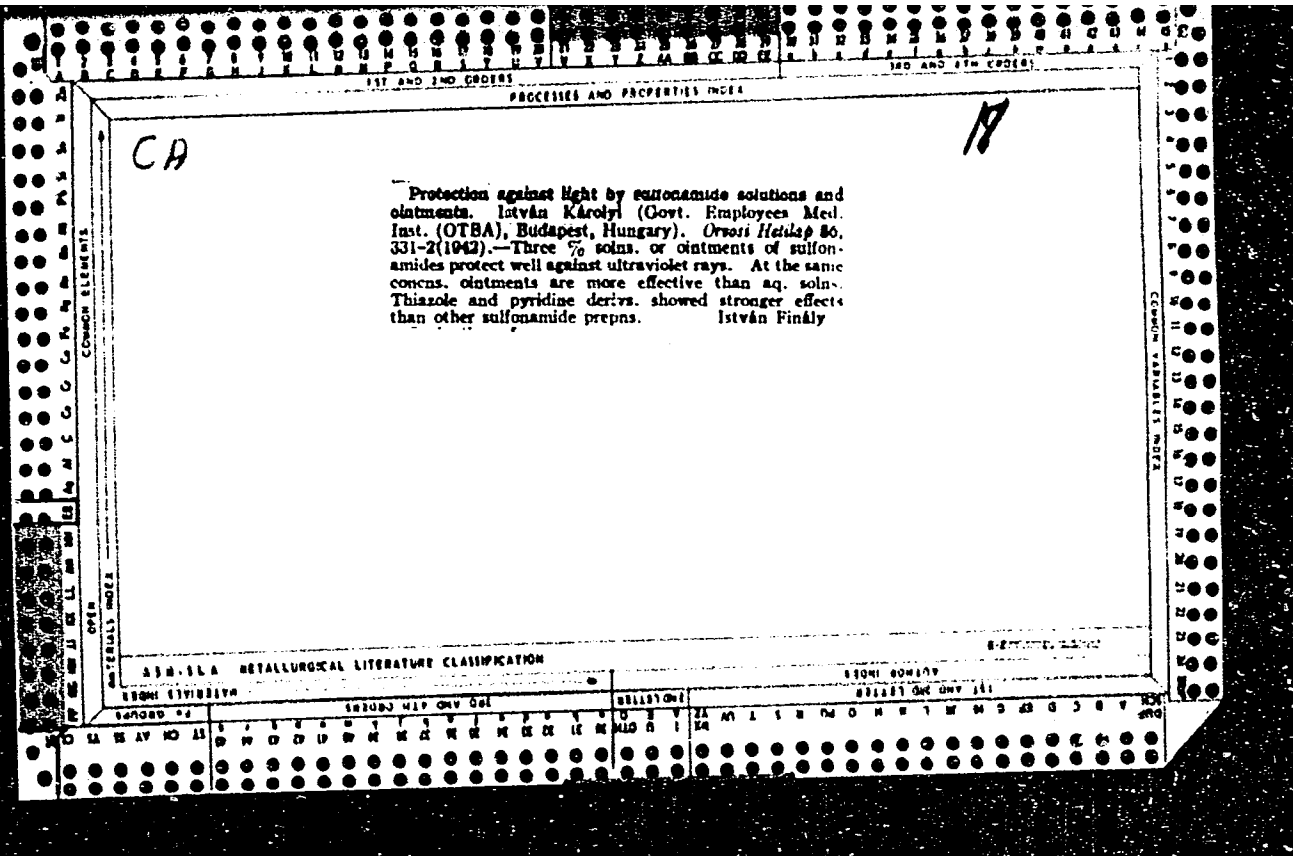
Charge sensitive amplifier system with low noise level for  
nuclear semiconductor spectrometer. ATOMKI közl 5 no.2:  
65-75 '63











KAROLYI, I.; MARTON, K.

Trychophytosis with atypic localization. *Borgyogy vener. szemle*  
6 no. 5:149-150 Oct 1952. (CIML 24:1)

1. Doctor. 2. Budapest Dermatological and Venereological Clinic  
(Director -- Prof. Dr. Ferenc Foldvari).

LAZAROVITS, L.;KAROLYI, I.

The evaluation of liver damage in arsenobenzol therapy and its elimination. *Betegyogy. vener. szemle* 7 no.2:43-44 Mar 1953. (CIML 24:5)

1. Doctors. 2. National Institute of Skin and Venereal Diseases (Director Prof. Dr. Ferenc Foldvari).

LAZARIVITS L. and KÁROLYI St. \* The importance of liver damage during  
antisyphilitic treatment, and its avoidance (Hungarian text) BÖRGYOGY VENER.  
SZLE 1953, 29 (43)

The authors review the Hungarian data and conclude that arsenobenzene treatment  
is mostly contra-indicated on account of liver damage. The urobilinogentest is of  
value only if the urine is diluted 20 times with water. Mild disturbances of the  
colloid lability tests are no hindrance to arsenobenzene treatment. Six months  
after subsidence of the icterus, careful arseno-benzene treatment can be resumed  
with adequate laboratory control. In 94 cases they found - independently of the  
previous treatment - a positive liver-function test. These cases were treated by  
penicillin. In 73 unproved cases syphilitic origin of the liver-damage was  
considered. Földvári - Budapest

SO: EXCERPTA MEDICA Sect. XIII Vol. 8 No. II

KAROLYI, Istvan, dr.,; VERTES, Bodog, dr.

Positive seroreactions without previous anamnesis in syphilis.  
Borogygy. vener. szemle 8 no.1:4-9 Jan 54

1. A Budapesti Orvostudomány-Egyetemi Bor- és Nemibeteg Klinika  
k özleménye (Igazgató: dr. Földvári Ferenc egyetemi tanár)  
(SYPHILIS, diagnosis  
serodiag., positive reaction in unsuspected cases)

Károlyi St  
EXCERPTA MEDICA Sec.13 Vol.9/9 Dermatology Sept 55

2063. KÁROLYI St. and VÉRTES B. \*Positive serologic reactions without anamnestic data in syphilis (Hungarian text) HUNG. DERM. AND VENER. REV. 1954, 30 (4)

Authors observed 1,470 patients, whose serological reactions were positive without anamnestic data. In 472 cases the previous syphilitic infection could be verified by careful anamnestic and clinical examinations. In these cases the Neurath's verification test gave specific positive results only in 47.1%, while the cardioplin reaction gave them in 88%. In 196 cases syphilis could not be discovered, but there were other, non-syphilitic pathological changes probably causing the positive serological results. Contrary to the published data, collagenous diseases did not produce specific positive results in a significant number. In 802

367



2663 CONT

cases (54.5%) neither syphilis nor any other disease could be established. In these cases the decision as to specificity calls for repeated serological and clinical observations over a long period.

Földvári - Budapest

KIRALY, Kalman, dr.,; KAROLYI, Istvan, dr.

Experiences with the Treponema immobilization test (TIT); I.  
Experimental method. TIT and the so-called classic serological  
reactions. Orv. hetil. 97 no.1:1-9 1 Jan 56.

L. Az Orszagos Bor- nemkortani Intezet (igazgato: Foldvari Ferenc  
dr. egyet. tanar) kozlemenye.

(TREPONEMA PALLIDUM

immobilization test, comparative evaluation & method  
(Hun))

(SYPHILIS, diag.

serodiag., Treponema immobilization test, value  
(Hun))

EXCERPTA MEDICA Sec.13 Vol.11/3 Dermatology, etc. Mar 57

835. KÁROLYI E. and KIRÁLY K. \*Tapasztalataink a Treponema immobilizációs vizsgálattal. II. Jelentősége az előzmény nélkül adódó pozitív szerológiai reakciók elbírálásában indikációs területe. Experiences with the immobilization reaction of Treponema (TIT). II. Its significance in the assessment of a positive serological reaction in the absence of a history. Indications ORV.HETIL. 1956, 97/2 (36-39) Tables 3

The results of investigating 470 patients in whom a positive serological reaction was obtained in the absence of a history were analysed. With the aid of a detailed history, as well as careful clinical and familial examination, syphilis could be clinically confirmed in only 97 cases (20.6%). In the presence of complete seropositivity (158 cases) TIT was negative in only 6%; where there was discrepancy in the serum reactions (153 cases) it was negative in a third of the patients; in seropositivity lasting more than 3 months it was negative in 17% of the cases. Where the serum reaction became spontaneously negative (62 cases) TIT was positive in 9.6% of the cases; in the presence of factors which made possible an a-specific combination (53 patients) it was positive in two thirds of the cases. The value of the various methods of verification as well as the range of indications for TIT were discussed. (IV, 13)

*Karolyi, Istvan*  
KAROLYI, Istvan

State of venereal disease prevention (1947-1956. Nepegeszsegugy  
38 no.12:323-331 Dec 57.

(VENEREAL DISEASES, prev. & control  
in Hungary, statist. (Hun))

RACZ, Istvan; KIRALY, Kalman; KAROLYI, Istvan

Reexamination of uncertain seropositive cases verified by modified  
Neurath inhibitor reaction with Nelson test. Borgyogy. vener. szemle  
12 no.3:123-126 June 58.

1. Az Országos Bor-Nemikortani Intezet (Igazgató: Földvári Ferenc dr.  
egyetemi tanár) és a Budapesti Bor-Nemibetegközpont Intezet (Igazgató-  
előre: Somogyi Zsigmond dr. Kandidátus) közleménye.

(SYPHILIS, diag.

Treponema immobilization test in re-exam. of uncertain  
seropositive cases previously verified by euglobulin inhib.  
test (Hun))

KIRALY, Kalman, Dr.; ORBAN, Tamás, Dr.; KAROLYI, Istvan, Dr.

Experiences with the Treponema immobilization test (TIT). Significance in cerebrospinal fluid diagnosis. Orv. hetil. 99 no.27:918-921 6 July 58.

1. Az Országos Bor-Nemikortani Intézet (igazgató: Foldvari Ferenc dr. egyet. tanár) közleménye.

(SYPHILIS, diag.

Treponema immobilization test of CSF (Hun))

KAROLYI, Istvan, Dr.; KIRALY, Kalman, Dr.; VERTES, Bodog, Dr.

Complement fixation reaction with Treponema antigen. Orv. hetil. 99  
no.32:1097-1098 10 Aug 58.

1. Az Orszagos Bor-Nemikortani Intezet (igazgato: Foldvari Ferenc  
dr. egyet. tanar) kozlemenye.

(SYPHILIS, diag.

complement fixation with Traponema antigen, comparison with  
Treponema immobilization test (Hun))

(COMPLEMENT

fixation with Traponema antigen in syphilis diagnosis (Hun))

KAROLYI, Istvan, dr.

Problems of the fight against occupational skin diseases.  
Nepégeszségügy 41 no.2:47-51 F '60.  
(OCCUPATIONAL DERMATITIS prev. & control)



FOLDVARI, Ferenc, dr.; KAROLYI, Istvan, dr.

Present state of syphilis in Hungary. Orv. hetil. 101 no.24:  
835-836 12 Je '60.  
(SYPHILIS epidemiol.)

FOLDVARI, Ferenc, dr.; KROLYI, Istvan, dr.

The most important factors in the fight against syphilis.  
Orv. Hetil. 1964:10:460-461 10 Mr'64.

1. Országos Bor-Nemikoriani Intezet.

\*

KAROLYI, Istvan, dr.

Occupational skin diseases. Elovilag 5 no.3:34-37 JI-S '60.

COUNTRY : Hungary H-25  
CATEGORY :  
ABS. JOUR. : AZKhim., no. 21 1959, No. 76351  
AUTHOR : Haidegger, F., Karolyi, J., and Zalai, A.  
TITLE : Not given  
SUBJECT : The Production of Fatty Alcohols by High-Pressure Hydrogenation  
ORIG. PUB. : Magyar Kem Lapja, 13, No 5-6, 17-180 (1958)  
ABSTRACT : The results from an investigation of the reduction of palm nut oil, sunflower oil, and coconut oil to alcohols with  $H_2$  at high pressures and temperatures are presented. The reaction was carried out in a laboratory reactor of 2-liter capacity. It has been found that in the temperature range 300-330° the optimum temperature appears 300°. Varying the pressure in the range 205-262 atm has no effect on the alcohol yield. Satisfactory yields of alcohols were achieved

CARD: 1/2