

STEINBORN, Benedykt, mgr inz.; SZALANSKI, Jan, mgr inz.

Passive methods of protection of telemechanic equipment against interference. Prace Inst teletechn 5 no.4:41-60 '61.

1. Panstwowe Zaklady Teletransmisyjne, Pracownia Automatyki, Warszawa.

STEINBORN, Benedykt, mgr inz.; SZALANSKI, Jan, mgr inz.

Methods of protecting the operation of remote control equipment
from interferences. Prace Inst teletechn 6 no.1:117-132 '62.

1. Panstwowe Zaklady Teletransmisyjne, Warszawa.

33720

P/022/62/000/001/001/003

D206/D305

6.9500

AUTHORS: Steinborn, Benedykt, and Szałański, Jan, Masters of Engineering

TITLE: The remote control of a repeater station

PERIODICAL: Przegląd telekomunikacyjny, ^{v 35}no. 1, 1962, 12-14

TEXT: A coding system is described which was used for control of remote repeater stations. This system was developed by the State Teletransmission Establishment. The remote controlling station governs up to 10 telemetering stations connected into a line, in one direction or in two opposite directions. The controlling capacity is up to 10 objectives and 24 signals for each of the 10 remotely controlled stations. For code transmission, two acoustic lines of 200 and 800 ohms were used. One line was used for calling and driving the remotely controlled station, the other for reporting and signalling. Each of the 10 remote stations can receive 20 commands (on or off for 10 objectives) and return 68 reports. These reports refer to the state of the remote station, state of

Card 1/2

33720

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D206/D305



The remote control of ...

cable and state of objectives. The coding system employs 25 pulses and 24 spaces. The first part of the code used to call any of the 10 stations follows the condition: where M = number of code

$$M = \binom{m}{n} \frac{m!}{(m-n)! n!}$$

combinations, m = number of elements in the code and n = number of working elements in the code. The second part of the code depends on the duration of the spaces with respect to the duration of the pulses and is used to determine the number of the remote station, the number of the objective and the character of the command (on or off). There are 6 figures and 1 table.

Card 2/2

SZALANTAY, Laszlo, Dr.; TOVOLGYI, Bela, Dr.

Articular osteochondromatosis. Orv. hetil. 99 no.10:356-357 9 Mar 58.

I. A Fejermegyei Tanacs Korhaz-Bandeloitezet (vezeto-foorvos: Barath Istvan dr.) I. sz. Sebészeti szakrendeleseinek (szakfoorvos: Szalantay Laszlo dr.) es III. sz. szakrendeleseinek (szakrendeles-vezeto: Tovolgyi Bela dr.) kozlemenye.

(OSTEOMA, case reports

osteochondromatosis of articular capsules of elbow & shoulder joints (Hun))

(ELBOW, dis.

osteochondromatosis of articular capsules of elbow & shoulder joints, case report (Hun))

(SHOULDER, dis.

same)

SZALANTAY, Jaszlo, dr.

Paronychia and its modern therapy. Orv. hetil. 101 no.19:
670-673 8 My '60.

1. Fejermegyei Tanacs Korhaz-Rendelointezete, I. sz. Sebészeti
szakrendeles.
(PARONYCHIA ther.)

SZALATKAY, Sandor, Dr., korzeti orvos (Gava)

Protective BCG vaccination in the village of Gava. Nepegeszsegugy 39
no.7:181-182 July 58.

(BCG VACCINATION

in Hungary, report on vacc. in a village (Hun))

SZALATNAI, R.

"Fucik Year in Czechoslovakia." p. 432. (Termesztet es Technika, Vol. 112, no. 7, July 1953, Budapest)

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

SZALATY, Helena; DUBOWSKA-INGLOT, Anna

Isolation and typing of adenoviruses from adenoids. Arch.immun.
ter.dogw. 7 no.4:615-623 '59.
(ADENOVIRUSES culture)

KANTOCH, Miroslaw; SZALATY, Helena

The inhibition of the phagocytic activity of leucocytes by coxsackie viruses. III. Viruses inactivated by ultraviolet rays. Arch. immun. ter.dosw. 8 no.3:399-405 '60.

1. Department of Virology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw. Department of Medical Microbiology, School of Medicine, Wroclaw

(PHAGOCYTOSIS)

(COXSACKIE VIRUSES immunol)

(ULTRAVIOLET RAYS)

KANTOCH, Miroslaw; SZALATY, Helena

Lytic activity of bacteriophages toward phagocytized bacteria.
Arch.immun.ter.dosw. 8 no.3:407-416 '60.

1. Department of Virology, Institute of Immunology and Experimental
Therapy, Polish Academy of Sciences, Wroclaw. Department of
Medical Microbiology, School of Medicine, Wroclaw.

(BACTERIOPHAGE)

(PHAGOCYTOSIS)

KANTOCH, Miroslaw; KANTOCH, Zofia; SZALATY, Helena

Phagocytic activity of leukocytes in cases of virus hepatitis. Arch. immun. ter. dosw. 9 no.4:757-765 '61.

1. Department of Virology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw Municipal Hospital for Infectious Diseases, Wroclaw Department of Microbiology, School of Medicine, Wroclaw.

(HEPATITIS INFECTIOUS immunol) (PHAGOCYTOSIS)

NIEDZWIEDZKA, Ewa; BASISTA, Barbara; SZALATY, Helena; KANTOCH, Mirosław

Reducing properties of leukocytes. Arch. immun. ter. dosw. 9 no.4:
767-778 '61.

1. Department of Virology, Institute of Immunology and Experimental
Therapy, Polish Academy of Sciences, Wrocław Department of Medical
Microbiology, School of Medicine, Wrocław.

(PHAGOCYTOSIS)

SZALATY, H.

SURNAME, Given Names

Country: Poland

Academic Degrees: [not given]
[Presumed] Ludwik Hirszfeld Institute of Immunology and Experi-

Affiliation: mental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-Polska Akademia Nauk), Wroclaw; Director: Prof. Stefan SLOPEK, Dr.

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4, 1961, pp 386-387.

Data: "Inhibition of the Phagocytic Activity of Leucocytes by Coxsackie Viruses."

English abstract of three articles [English], originally appearing as follows:

KANTOCH, M
DUBOWSKA-INGLOT, A. Path et Microbiol 1960, 23, 83

KANTOCH, M.
DUBOWSKA-INGLOT, A. Path et Microbiol 1960, 23, 327

KANTOCH, M.
SZALATY, H. Arch Immunol i Terapii Dosw 1960, 8, 399.

cro 98149

SURNAME, Given Names

Country: Poland
SZALATY, H.

Academic Degrees: [not given]

Affiliation: [Presumed] Ludwik Hirszfild Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. Ludwika Hirszfelda), Polish Academy of Sciences (PAN-Polska Akademia Nauk), Wroclaw; Director: Prof Stefan SLOPEK, Dr.

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 4, 1961, pp 387-388.

Data: "Lytic Activity of Bacteriophages for Phagocytosed Bacteria."

English abstract of [English] article; originally published in Arch Immunol i Terapii Dosw., 1960, 8, 407.

Authors:
KANTOCH, M.
SZALATY, H.

GPO 201643

MAKOWER, Henryk; KANTOCH, Miroslaw; SZALATY, Helena

The action of tannin on the process and components of phagocytosis.
I. Studies with bacteria. Arch. immun. ther. ex. 10 no.1:55-68 '62.

1. Department of Virology, Institute of Immunology and Experimental
Therapy, Polish Academy of Sciences, Wroclaw Department of Medical
Microbiology, School of Medicine, Wroclaw.

(TANNIN pharmacol)

(PHAGOCYTOSIS pharmacol)

(ESCHERICHIA COLI pharmacol)

(BACTERIA pharmacol)

KANTOCH, Miroslaw; SZALATY, Helena; MAKOWER, Henryk

The action of tannin on the process and components of phagocytosis.
II. Studies with viruses. Arch. immun. ther. ex. 10 no.1:69-76 '62.

1. Department of Virology, Institute of Immunology and Experimental
Therapy, Polish Academy of Sciences, Wroclaw Department of Medical
Microbiology, School of Medicine, Wroclaw.

(TANNIN pharmacol) (PHAGOCYTOSIS pharmacol)
(VIRUSES pharmacol)(INFLUENZA VIRUSES pharmacol)
(COSACKIE VIRUSES pharmacol)

MAKOWER, Henryk; KANTOCH, Miroslaw; SZALATY, Helena

The action of tannin on the process and components of phagocytosis.
I. Studies with bacteria. Arch. immun. ther. ex. 10 no.1:55-68 '62.

1. Department of Virology, Institute of Immunology and Experimental
Therapy, Polish Academy of Sciences, Wroclaw Department of Medical
Microbiology, School of Medicine, Wroclaw.

(TANNIN pharmacol) (PHAGOCYTOSIS pharmacol)
(ESCHERICHIA COLI pharmacol) (BACTERIA pharmacol)

SZALAY, A.

"The role of humus in the geochemical enrichment of U in coal and other bioliths." In English. p. 25.

ACTA PHYSICA. (Magyar Tudományos Akademia). Budapest, Hungary, Vol. 8,
No. 1/2, 1957.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8,
August 1959.
Uncla.

SZALAY, A.

HUNGARY / Physical Chemistry. Radiochemistry.
Isotopes.

B

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 63642

Author : Bujdoso E, Medveczky L, Szalay A.

Inst : Not given

Title : The Investigation of the Uranium Content of
Coal Ashes by Means of Nuclear Emulsions.

Orig Pub: Acta phys. Acad. sci. hung., 1957, 8, No 1-2,
195-201

Abstract: By microscopic investigation of developed
nuclear photoplates, in the emulsions of which
the ashes of uranium-content brown coals had
been distributed for 100 days before the develop-

Card 1/2

21(B)

SOV/56-35-5-2/56

AUTHORS: Csikai, J., Szalay, A.

TITLE: The Recoil Effect of the Neutrino in the β -Decay of He^6
(Effekt otdachi neytrino v β -raspade He^6)PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,
Vol 35, Nr 5, pp 1074-1075 (USSR)

ABSTRACT: The β -decay of He^6 has hitherto not been investigated in a cloud chamber. The authors investigated the process $\text{He}^6 \rightarrow \text{Li}^6 + \beta + \nu + 3.6 \text{ MeV}$; (the half-life of Li^6 is 0.8 sec). The investigations were carried out for the purpose of simultaneously determining momentum and energy of β -particles as well as the residual nucleus in one and the same elementary act. Investigations were carried out by means of a cloud chamber, which was provided with a rubber membrane that gave good results with: a) hydrogen filling (200 torr), and b) water- and alcohol vapor. The introduction of He^6 into the chamber was a special problem which was solved by means of a device which is illustrated (Fig 1) and described. The results obtained by the investigations are represented by 5 photographs selected from 120 others which, in turn, had been

Card 1/2

SOV/56-35-5-2/56

The Recoil Effect of the Neutrino in the β -Decay of He^6

selected from the total of 2000 stereo-photographs taken. Particle traces were measured on these 120 photographs; figure 4 shows the angular correlations between electrons and neutrinos. Comparison between this distribution and theoretical calculations carried out by De Groot and Tolhoek (de-Groot, Tol'khuk) (Ref 2) shows good agreement with the distribution calculated by assuming tensor interaction between nucleons and leptons. (The distribution curve, which shows less good agreement, was calculated by basing on the assumption of pseudovectorial interaction). There are 4 figures and 2 references.

ASSOCIATION: Institut yadernoy fiziki Vengerskoy Akademii nauk, g. Debretsen, Vengriya (Institute for Nuclear Physics of the Hungarian Academy of Sciences, City of Debrecen, Hungary)

SUBMITTED: November 21, 1957

Card 2/2

SZALAY, A.

19 3
 β -Ray spectrometer of toroid-sector type. A Szalay and
D. Berényi (Hungarian Acad. Sci., Debrecen). *Acta Phys.*
Acad. Sci. Hung. 10, 57-77(1959)(in English).—A spectrom-
eter was made with sector pole pieces of shaped boundary
and 42 air gaps. With all the gaps, optimum resolution
was ~3% and the max. of the used solid angle was ~2.6%.
With strong sources, 1 or a few gaps could be used and the
baffles adjusted to give 0.7% resolution. Max. current
consumption was 3 amp. at the focusing of ~1.5-m.e.v.
electrons, so no cooling H₂O was needed. No baffle was
needed for electron-positron sepn. C. McGee

JR

RMP

SZALAY, A.; KOVACH, A.

Fission product precipitation from the atmosphere in Debrecen,
Hungary, between 1958 and 1960. Acta phys Hung 13 no.3:281-287 '61..

1. Institute of Nuclear Research of the Hungarian Academy of Sciences,
Debrecen.

SZALAY, A.; SZILAGYI, M.

Investigations concerning the retention of fission products
on humic acids. Acta phys Hung 13 no.4:421-436 '61.

1. Institute of Nuclear Research of the Hungarian Academy
of Sciences, Debrecen, Hungary.

S/058/62/000/010/031/093
A061/A101

AUTHORS: Szalay, A., Csikai, J., Bacsó, J.

TITLE: Critical comments on the cloud chamber study of the electron-neutrino angular correlation .

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 36, abstract 10B281
("Acta phys. Acad. scient. hung.", 1961, v. 13, no. 4, 437 - 445,
English; summary in Russian)

TEXT: Some important problems arising with the use of the cloud chamber in measuring the electron-neutrino angular correlation in He^0 beta decay are discussed. Three possible modes of measuring the $e-\nu$ angular correlation using the cloud chamber are considered: 1) the measurement of the energy distribution of recoil nuclei; 2) the measurement of the angles formed by beta particles and recoil nuclei when simultaneously measuring the beta particle momenta; 3) the measurement of the energy of recoil nuclei for a given beta particle energy. Merits and deficiencies of these modes are analyzed, and their relative accuracy is appraised. The second mode is shown to be the most reliable. On the basis

Card 1/2

Critical comments on the...

S/058/62/000/010/031/093
A061/A101

of this analysis the results obtained in a previous work (RZhFiz, 1958, no. 1, 340) from the measurement of the e- ν angular correlation in He⁰ beta decay are revised. For 93 cases left over after a critical revision of all (381) cases, the coefficient of angular correlation λ is found to be $+0.278 \pm 0.243$. This value of λ makes it possible to exclude the scalar ($\lambda = -1$) and the vector ($\lambda = +1$) interaction between fermions. Owing to the large statistical errors, however, it has not been possible to choose unambiguously between the axial and the tensor interaction. The authors renounce the specific conclusion they had reached in the previous paper regarding the existence of a tensor interaction, and inform of their intention to continue their studies in this field. ✓

L. Sokolov

[Abstracter's note: Complete translation]

Card 2/2

SZALAY, A.; CSIKAI, J.; BACSO, J.

Critical comments on the investigation of the electron-neutrino angular correlation by the cloud chamber method. Acta phys Hung 13 no.4:437-445 '61.

1. Institute of Nuclear Research of the Hungarian Academy of Sciences, Debrecen, Hungary.

SZALAY, A.; KOVACH, A.

Fission product precipitation from the atmosphere in Debrecen, Hungary, during 1961 and 1962. Acta phys Hung 16 no. 4: 321-326 '64.

1. Institute of Nuclear Research of the Hungarian Academy of Sciences, Debrecen.

SZALAY, Beno

Properties and analysis of the bond strength of coatings separated
by electrolysis. Gep 16 no.10:393-396 0 '64.

SZALAI, D.

Magyar Textiltechnika - No. 4, Apr. 1955.

Results, tasks, and difficulties in education in light industry. p. 161.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

GOMORI, Pal, 1.tag.; MUNKACSI, Istvan; SZALAI, Elemer; TU SUJ-HAJ

Possibilities of intrarenal circulation in the case of the destruction
in great proportion of glomeruli in chronic renal deficiency. Biol
orv kozl MTA 11 no.4:375-381 '60. (EEAI 10:5)

1. Budapesti Orvostudományi Egyetem II. sz. Balklinika Anatómiai
Intezete es I. sz Kóronctani es Rakkutató Intezete. 2. Magyar
Tudományos Akadémia (for Gomori).
(KIDNEYS)

SZALAY, E.

"Some Problems Relative to Food in Night Sanatoria for Miners." p. 212, (NEPEGESZSEGUGY, Vol. 34, no. 8, Aug. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

SZALAY, E.

Studies on the energy requirements in the daily work of miners. Orv.
hetil. 94 no.31:854-859 2 Aug 1953. (GIML 25:1)

1. Doctor. 2. Institute of Nutritional Science (Director -- Dr. Robert
Tarjan).

SZALAY, Elemer; FEKETE, László

Body weight, body height, and nutrition. *Gyermekgyógyászat* 5
no.4:111-116 Ap '54. (REAL 3:8)

1. *Elmézestudományi Intézet* (Igazgató: dr. Tarján Robert)
(BODY WEIGHT, in inf. & child
*nutritional factors)
(BODY HEIGHT, in inf. & child
*nutritional factors)
(NUTRITION
*relation to body weight & height in child)

SZALAY, Elemér.

Evaporation paper electrophoresis. 1. Factors influencing migration of the substances during electrophoresis. Kiserletes orvostud. 7 no.1:15-21 Jan 55.

1. Elelmezestudományi Intézet.

(ELECTROPHORESIS

evaporation electrophoresis, factors influencing migration of substances)

SKALAY, E.

848 Changes in skeletal composition of the ... with ... protein ...

3

1072-87 Inst. for Nutr. Res.

for growth and ... in ... 15, 15 and ... the ... proportional ...

med.

Country : USSR (Soviet Union)
Category= : Human and Animal Physiology. Metabolism. Nutrition. 2
Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106146
Author : Tarjan, R.; Lamm, G.; Szalay, E.
Institut. : -
Title : Health Impairments Produced by Traces of Metal Contained in Foodstuffs.
Orig. Pub. : Gaskosl. gastroenterol. a vyziva, 1958, 12, No 1, 71-77
Abstract : In experiments performed on adult rats (40) and weaned baby rats (90) it was established that the amounts of Fe, Cu, and Zn contained in their organs and in their feces were extensive if the animals were kept in metal cages and not in glass cages. As a small dose of CCl₄ was introduced (subcutaneously or internally), which in itself could only produce an insignificant injury to the liver, distinct differences as to the metal contents in organs and as to their
Card: 1/2

SZALAY, Elemér; BALÓ, József

Administration of aqueous cholesterol suspension in rabbits.
Kísérletes Orvostud. 12 no.6:630-635 D '60.

1. Budapesti Orvostudományi Egyetem I. Kóronctani és Kísérleti
Rakutató Intézete.
(CHOLESTEROL pharmacol)

GOMORI, P.; MUNKACSI, I.; SZALAY, E.; TU SAJ-HAJ; ZOLNAI, B.

Intrarenal blood circulation in chronic renal failure. I. Human material. Acta med. acad. sci. hung. 18 no.4:441-449 '62.

1. Second Department of Medicine (Director Prof. P. Gomori), Institute of Anatomy (Director in Charge Doc. T. Donath) and the First Institute of Pathological Anatomy and Experimental Cancer Research (Director Prof. J. Baló), University Medical School, Budapest.

(KIDNEY DISEASES) (RENAL ARTERY) (RENAL VEINS)

GOMORI, P.; SZALAY, E.; TU SUJ-HAJ; ZOLNAI, B.

Intrarenal blood circulation in chronic renal insufficiency. II:
Experimental Masugi nephritis. Acta med. acad. sci. hung. 18 no.4:
451-459 '62.

1. Second Department of Medicine (Director: Prof. P. Gomori), First
Institute of Pathological Anatomy and Experimental Cancer Research
(Director: Prof. J. Baló), Institute of Anatomy (Director in Charge:
Doc. T. Donath), University Medical School, Budapest.
(NEPHRITIS) (RENAL ARTERY) (ANURIA)

TU SUJ-~~HAJ~~; SZALAY, Elemer; ZOLNAI, Balazs

Corrosion investigations on rabbits suffering from acute
Masugi nephritis. Biol orv kozl MTA 13 no.1-2:131-144 '62.

1. Budapesti Orvostudományi Egyetem II. sz. Belklinikája,
I. sz. Kóronctani és Raktató Intézete és Anatómiai Intézete.

*

GOMORI, Pal; SZALAY, Elemer; TU SÚJ-HAJ; ZOLNAI, Belasz

Circulatory changes in the chronic human kidney diseases and chronic Masugi nephritis. Biol orv kozl MTA 13 no.3:241-252 '62.

1. Budapesti Orvostudományi Egyetem II. sz. Belklinikája, I. sz. Korbonctani és Rakkutató Intézete és Anatómiai Intézete.
2. Magyar Tudományos Akadémia levelező tagja, és "A Magyar Tudományos Akadémia Biológiai és Orvosi Tudományok Osztályának Közleményei" szerkesztő bizottsági tagja (for Gomori).

SZALAY, Elemer, dr.

The problem of malignant transformation of pigmented nevus.
Magy. onkol. 7 no.1:25-32 Mr '63.

1. Budapesti Orvostudományi Egyetem, I. Korbonctani es Kiserleti
Rakkutato Intezet.

(NEVUS, PIGMENTED)

(SKIN NEOPLASMS) (MELANOMA)

SZALAY, E.

On the problem of malignant degeneration of pigmented nevi. Acta morph.
acad. sci. Hung. 12 no.2:149-161 '63.

1. I Institut für Pathologische Anatomie und Experimentelle
Krebsforschung der Medizinischen Universität, Budapest (Vorstand:
Prof. J. Balo).

(NEVUS, PIGMENTED) (SKIN NEOPLASMS)
(NEOPLASM STATISTICS) (MELANIN)

BOSZORMENYI, Erno, dr.; SZALAY, El~~mer~~,dr.

Primary tumor of the ureter. Orv.hetil. 105 no.1:34-36 5J '64.

1. Budapesti Orvostudományi Egyetem, II. Belklinika, Kóronctani-
és Kísérleti Rákkutató Intézet.

*

STANAY, Emil; P. VANYI, Gabriel

RBL-4 trailers. Mesogazi techn 2 no.9:10-11 S 101.

GOMORI, Pal, dr.; SZALAY, Elemer, dr.; ZOLNAY, Balazs, dr.

Corrosion examinations in kidney diseases. Orv. hetil. 106 no.37:
1734-1735 12 S'65.

1. Budapesti Orvostudományi Egyetem, II. Belklinika (igazgató:
Gomori, Pal, dr.), I. Kóronctani és Raktató Intezet (igaz-
gató: Baló, József, dr.) és Anatómiai Intezet (igazgató:
Szentagóthai, János, dr.).

SZALAY, Emil

Agricultural trailers. Mezogazd techn 4 no.12:12-13 '64.

SZALAY, Emil

Agricultural trailers; handling, maintenance, repair. Pt.2.
Mezogazd techn 5 no.1:4-6 '65.

SZALAY, Emil

Trailers should be handled carefully! Mezogazd techn 5 no.4:1-
3 '65.

SZALAY, Erno

Determination of the quality of electroplates made through
electrolysis and evaluating the relevant standardization work.
Szabvány kozl 14 no.10:231 0 '62.

SZALAY, Eva

SZABO, Laszlo

HUNGARY

PhD, Candidate for Technological Sciences

Geodetic and Soil Research Enterprise of the Ministry
of Construction (EM Foldmero es Talajvizsgalo Vallalat)

Budapest, Hidrologiai Kozlony, No 5, Oct 62, pp 382-389.

"Lysimeter Measurements."

Co-author:

SZALAY, Eva, Geodetic and Soil Research Enterprise of
the Ministry of Construction.

RUMANIA

MAXIM, B., Dr, Lt-Col, and SZALAY, Fr., Dr, Maj [affiliation not given]

"The Value of the Induced Hyperpotassemia Test in the Differential Diagnosis of Disturbances of the Repolarization Phase of Electrocardiograms."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66, pp 237-246.

Abstract: On the basis of their experience and a study of the literature, the authors recommend extension of the induced hyperpotassemia test in the diagnosis of coronary insufficiency. On the strength of the cases studied, they find that the accentuation of the negative T waves after administration of potassium is a sure indication of a coronary; rectified or normalized T waves after the administration may indicate functional changes or minimal organic lesions.

Includes 7 figures and 7 Rumanian references. -- Manuscript submitted 12 September 1965.

1/1

- 6 -

RUMANIA

MAXIM, B., Dr, Lt-Col, and SZALAY, Fr., Dr, Maj [affiliation not given]

APPROVED FOR RELEASE: 07/13/2001 **CIA-RDP86-00513R001654410007-3"**

"Secondary Arterial Hypertension Due to Unilateral Small Kidney Treated by Nephrectomy."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66, pp 719-722.

Abstract: After a brief presentation of the background of renally caused hypertension, the authors give a detailed case history concerning a 36-year old male patient found to be suffering from unilateral small kidney and treated successfully by nephrectomy. The importance of using complex diagnostic methods to determine the cause of hypertension, especially in younger patients, is emphasized.

Includes one figure and 20 references, of which 7 Rumanian, one German, 3 English-language and 9 other Western. -- Manuscript submitted 12 November 1965.

1/1

- 71 -

SZALAY, Gabor; TOMORY, Laszlo

Timber-skeletoned farm buildings. Mezogazd techh 3 no.5:4-5 163.

SZALAY, Gabor, okleveles gepeszmernok

Domestic engineering product catalogs. Ipari energia 4 no.
7: 157 J1 '63.

SZALAY Gabor

Domestic engineering product catalogs. Epuletgeszeset 12
no.1/2:58-59 Mr '63.

SZALAY, Gyorgy

On the Paris session of the international committee on
gliding (CVSM) of FAI (International Aeronautic Federation).
Repules 16 no.1:4 Ja '63.

1. Kozponti Repuloklub titkara.

SZALAY, Gyorgy

Hungarian stunt fliers in England. Repules 16 no.9:2 of cover
S '63.

1. Kozponti repuloklub titkara.

OROSZLANY, Istvan, dr., mernok, az agrartudományok kandidátusa, tanár;
SZALAY, György, dr., mernok

Distributing effect of winds on sprinkler irrigation. Vizügyi
közl no.3:359-376 '64.

1. University of Agriculture, Godollo.

BAGOLY, Pal, dr.; SZALAY, Gyorgy, dr.

Premature labor in tuberculosis. Orv.hetil. 101 no.48:1706-1707
27 N'60.

1. Csongrad megyei Tanacs Korhaza, Szentcs, Tbc. Szuleszeti Osztaly.
(TUBERCULOSIS PULMONARY in pregn)
(INFANT PREMATURE)

LEHOCZKY, Arthur, dr.; SZALAY, Gyorgy, dr.

Tuberculosis and motherhood. Tuberkulozis 14 no.2:36-39 F '61.

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(TUBERCULOSIS in pregn)
(PREGNANCY compl)
(ABORTION THERAPEUTIC)

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Changes in conditions of 731 tuberculous patients during the course of pregnancy and several weeks after delivery. Tuberkulozis 14 no.2: 39-42 F '61.

1. A szentesi Megyei Korhaz tbc szuleszeti osztalyanak kozlemenye.

(PREGNANCY compl) (PUERPERIUM compl)
(TUBERCULOSIS in pregn)

SZALAY, Gyorgy, dr.; LEHOCZKY, Arthur, dr.

Management of tuberculous patients during and after pregnancy. Tuberkulozis 14 no.7:216-218 JI '61.

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(TUBERCULOSIS in pregn) (PREGNANCY compl)
(PUERPERIUM compl)

SZALAY, Gyorgy, dr.; MULLER, Harald, dr.

Acute pulmonary insufficiency after cesarean section. Orv. hetil.
102 no.22:1033-1034 28 My '61.

1. Szentesi Megyei Korhaz, Tbc. Szuleszeti Osztaly, Ful-orr-gege es
Bronchologiai Osztaly.

(CESAREAN SECTION compl) (ATELECTASIS etiol)

KOVACS, Karoly, dr.; SZALAY, Gyorgy, dr.

Laryngeal tuberculosis and pregnancy. Orv. hetil. 102 no.25:1172-1173
18 Je '61.

1. Szentesi Megyei Korhaz, Tbc. Szuleszeti Osztaly.

(PREGNANCY compl)

(TUBERCULOSIS LARYNGEAL in pregn)

SZALAY, Gyorgy, dr.; BAGOLY, Pal, dr.

Extrapulmonary tuberculosis in pregnancy. Orv. hetil. 102 no.39:
1845-1849 24 S '61.

1. Szentesi Megyei Korhaz Tbc Szuleszeti Osztaly.

(TUBERCULOSIS in pregn) (PREGNANCY compl)

SZALAY, Janos

Stressed reinforced concrete structures in industrial buildings.
Magy ep ipar 10 no.4:164-169 '61.

SZALAY, Janos

Warehouse hall of the First Hungarian Agricultural Machine Factory
Magy ep ipar 10 no.6:286-288 '61.

SZALAY, Janos

Dwelling houses with frontal wall panels in France. Magyar ipar
10 no.9:397-400 '61.

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

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Jozsef Szalay. Energia es atom 14 no.1:31 Ja '61.

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Regulation of Hungarian-made air-conditioning apparatus. Musz elet
16 no.8:14 Ap '61. (EEAI 10:9)

(Hungary--Air conditioning)

KOVACS, Karoly Pal, dr., Kossuth-dijas akademikus; SZALAY, Jozsef, okleveles gepeszmernok; BALAZS, Peter; KREMER, Rudolf; KLIKA, Rene; SCHAEFER, Helmuth, dr. ing. (Karlsruhe); KISBOCSKOI, Laszlo; TEBBE, Ernst; MEJRO, Sz. (Varso)

Instrumentation and automation in industrial power consumption.
Ipari energia 3 no.1/2:39-41 Ja-F '62.

1. Ozdi Kohaszati Muvek (for Balazs).

SZALAY, Jozsef

Temperature control of overheated gas. Muszaki kozl MTA 31
no.1/4:131-137 162.

1. Villamos Energetikai Kutato Intezet.

SZALAY, Jozsef, tudomanyos munkatars; LIGETI, Gyergy

Standardization in control engineering and international cooperation. Musz elet 18 no.16:7 1 Ag '63.

1. Muszeripari Kutatointezet (for Szalay).

SZALKAY, Jozsef

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SZALKAY, Jozsef

"Production tools" of animals. Elet tud 20 no.3:132-135
22 Ja '65.

LAKI, Gyula; SZADAY, Rozso; SZALAY, Jozsef; ERDELYI, Istvan, dr.; BENEDEK, Laszlo; KERENYI, ?; VARGA, Istvan; ZETTNER, Tamas, dr.

Further remarks. Energia es atom 15 no.12:581-585 D '62.

1. Ganz-Mavag Szivattyukeszites (for Laki). 2. Lang Gepgyar (for Szaday). 3. Muszeripari Kutato Intezet (for Szalay). 4. HOTERV; es "Energia es Atomtechnika" szerkeszto bizottsagi tagja. 5. "Energia es Atomtechnika" szerkeszto bizottsagi tagja (for Benedek). 6. "Energia es Atomtechnika" felelos szerkesztoje; Energiagazdalkodasi Tudomanyos Egyesulet fotitkara (for Varga).

STARK, Ervin, dr.; GYEVAI, Angela, dr.; SZALAY, K., dr.;
ACS, Zsuzsanna, dr

Studies on the activity of the cells of the pituitary and
adrenal glands in tissue culture. Orv. hetil. 104 no.47:
2225-2227 24 N '63.

1. Magyar Tudomanyos Akademia, Kiserleti Orvostudomanyi Kutato
Intezet.

(PITUITARY GLAND) (ADRENAL GLANDS)
(ADRENAL CORTEX HORMONES) (PHYSIOLOGY)
(TISSUE CULTURE) (EMBRYO) (CORTICOTROPIN)
(HYDROCORTISONE) (CORTISONE)

L 40738-65, EWT(1)/EEC(t)
ACCESSION NR: AP5012140

HU/0016/(7/000/009/0283/0284

AUTHOR: Szalay, Kalman

9
B

TITLE: Notes on the kinetical explanation of gas pressure

SOURCE: Fizikai szemle, no. 9, 1964, 283-284

TOPIC TAGS: gas pressure, gas kinetics

ABSTRACT: Two methods were described for the teaching of high-school pupils in the fields of gas-pressure phenomena. One of the methods employs a model which demonstrates the derivation of gas pressure from the kinetical theory for gases; the other, suitable for more advanced pupils, conveys further refinement to the basic model. Orig. art. has 6 formulas.

ASSOCIATION: Gimnazium, Dunafoldvar (Dunafoldvar High School)

SUBMITTED: 00

ENCL: 00

SUB CODE: ME

NO REF SOV: 000

OTHER: 000

JPRS

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PAPP, M.; SZALAY, Katalin

Effects of hyaluronidase and antidiuretic hormone on flow and composition of the renal lymph. Acta med. acad. sci. Hung 14 no.4:361-366 '63.

1. Department of Pathophysiology, Research Institute of Experimental Medicine (director: prof. I. Ruzsnyak), Hungarian Academy of Sciences, Budapest.

*

STARK, Ervin, dr. GYEVAI, Angela, dr. ; SZALAY, Katalin, dr. POSALAKY,
Zoltan, dr.

ACTH production of isolated pituitary cells in tissue culture.
Orv. hetil. 105 no.4:1882-1883 4 0'64

1. Magyar Tudomanyos Akademia, Kiserleti Orvostudomanyi Kutato
Intezet (igazgato; Ruzsnyak, Istvan, dr.).

L 44034-66 IAP(c)

ACC NR: AF6032568

SOURCE CODE: HU/0034/65/013/002/0157/0180

AUTHOR: Szalay, Laszlo; Hevesi, Janos; Kozma, Laszlo

ORG: Institute for Experimental Physics, Jozsef Attila Scientific University, Szeged
(Jozsef Attila Tudományegyetem Kísérleti Fizikai Intézete)

TITLE: Relations between the absorption and fluorescence spectra of luminescent substances

SOURCE: Magyar fizikai folyoirat, v. 13, no. 2, 1965, 157-180

TOPIC TAGS: fluorescence spectrum; luminescent material

ABSTRACT: The relations between the absorption and fluorescence spectra of luminescent substances were discussed on the basis of references in the literature with especial emphasis on the relation described by Stepanov, B. I. (DAN SSSR, vol. 112, 1957, p. 839). Relations between fluorescence spectrum, thermal radiation spectrum, and quantum efficiency; the effects of extinction, excitation light frequency, and solvent on the relations between absorption and emission spectra; and relations between the excited molecules and the liquid medium were investigated to establish and extend the validity of the Stepanov relation. The techniques employed and the results obtained in these investigations were presented and discussed in detail.

The techniques described included a novel one based on local temperature. The authors thank Academician Budo Agoston of the Institute of Experimental Physics at Jozsef Attila Medical University for guidance as well as usefull discussions. Orig. art. has: 13 figures, 17 formulas, and 5 tables. JPRS: 35,386

SUB CODE: 20 / SUBM DATE: 13Jul64 / ORIG REF: 015 / SOV REF: 018

OTH REF: 017

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L 44112-66 IJP(c)

ACC NR: AP6018646 SOURCE CODE: PO/0045/66/029/001/0057/0064

AUTHOR: Hevesi, J.; Kozma, L.; Szalay, L.

ORG: Institute of Experimental Physics, Jozsef Attila University,
Szeged, Hungary

TITLE: Temperature dependence of the relationships between absorption
and emission spectra in luminescent solutions

SOURCE: Acta physica polonica, v. 29, no. 1, 1966, 57-64

TOPIC TAGS: absorption spectrum, emission spectrum, luminescent material,
~~solution~~, temperature dependence

ABSTRACT: Stepanov's relation (Stepanov, B. I., Dokl. Akad. Nauk SSSR, 112, 839 (1957)) and its modified form for absorption and emission spectra proved to be valid for luminescent solutions in the temperature range 262—358K. In the ethanol and glycerol solutions investigated the activation energy of the interaction of the solvent and solute molecules was estimated to be 2.5—3.2 kcal/mol from the temperature dependence

Cord 1/2

36
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B

M. SZALAY,

"Report on the Activity of Work Committee No. 100 (on Ground Solidification) of the Scientific Society for Communication and Civil Engineering." p. 170
(Melyepitestudományi Szemle, Vol. 3, no. 4, Apr. 1953 Budapest.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

SZALAY, M.

Hungarian Technical Abst.
Vol. 6 No. 1
1954

48. The control of the measurements of the embankments especially in respect to watertightness — *As drókvédelmi tételek vételeinek ellenőrzése különös tekintettel azok átjárására* M. Szalay. (Journal of Hydrology — *Hidrológiai Közlöny* — Vol. 33, 1953, No. 3-4, pp. 108-122, 7 figs., 3 tabs.)

In the building of embankments for flood control the fact that they are subjected only periodically to the effect of water has so far been overlooked, therefore the water tightness of cross sections could not be satisfactorily established. The proposed method takes into consideration permeability, time factor, and high water level. Assuming a sinusoidal high water wave and a subsoil impervious to water the following equation will express the seepage curve:

$$\xi = \sqrt{2h} \left[\frac{Th}{\pi} \left(\cos \arcsin \frac{x}{h} + \frac{x}{h} \arcsin \frac{x}{h} - \cos \frac{\pi}{T} t \right) - t \right]$$

where ξ = the length of the seepage at time t and height x measured from the water side in cm, T = the time of the passing of the high water wave attacking the embankment in sec, h = max high water level in cm, k = water permeability coefficient in cm per sec. High water h lasting for a T period of time can be expressed as:

$$\xi = \sqrt{2kT} (h - x)$$

Seepage curves obtained in this manner must remain within the cross section of the embankment. Probability correlations can be established between the various water levels of the river and the max duration of high water waves overtopping them.

M. Sz.

SZALAY, M

Model tests on hydraulic problems of settling tanks

with

settling tank, moreover the mean velocity of water flowing in the interstices between plates was approximately uniform. In the investigation of settling of paper mill sewage the angle of inclination of plates and the

nature the deposition of sand extended along the whole length of the tank. The trace of sand deposition could be observed in the interstices between baffles. In settling tanks the angle of inclination of plates and the

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TECHNOLOGY

PERIODICAL: MELYEPITESTUDOMANYI SZEMLE. Vol. 8, no. 8/9, Aug./Sept. 1958

Szalay, M. Engineering creations and nature. p. 388.

Monthly list of East European Accessions (MEAT) IC, Vol. 8, No. 2,
February 1959, Unclass.

SZALAY, Miklos

Plant ecology as a means in hydrologic research. Hidrol-
giai kozlony 39 no.3:222-231 Ja'59.

SZALAY, Miklos

"Ultrasonic measurement of the velocity and discharge of streaming liquids" by [Dr] Carlos Knapp. Reviewed by Miklos Szalay.
Hidrologiai Közlemények 40 no.2:148 Ap '60.

SZALAY, Miklos

Laboratory measurement of water flow rate by spheres. Hidrologiai
kozlony 40 no.3:204-207 Je '60.

1. Epitoipari es Kozlekedesi Muszaki Egyetem I.Vizepitestani
Tanszeke, Budapest.

SZALAY, Miklos

Hydraulic congress in Nancy. Hidrologiai kozlony 40 no.6:515
D '60.

SZALAY, Miklos

Aspects of designing hydroelectric stations from the point of view of fisheries. Hidrológiai közlöny 41. no.2:136-144 Ap '61.

1. Építőipari és Közlekedési Műszaki Egyetem I. sz. Vízépítési Tanszéke.

SZALAY, Miklos

Purification of industrial sewage by open hydrocyclone. Magyar ipar
11 no.6:281-283 '62.

1. Építőipari és Közlekedési Műszaki Egyetem I. Vízépítési Tanszék.

SZALAY, Miklos

"Bed changes of the Tisza River with special regard to flood control" by [Dr] Zoltan Karolyi. Reviewed by Miklos Szalay. Hidrologiai kozlony 42 no.2:113 Ap '62.

SZALAY, Miklos

Answer to the remark made by Laszlo Galhidy. Magyar ipar 12
no.10:495-496 '63.