

MOHACSY, Ildiko; STEPHANEK, Ottilia; ACS, Gyorgy

Evaluation of cerebrospinal fluid and blood adenosine deaminase activity in nervous system tumors. Ideg. szemle 10 no.3:84-87 July 57.

1. Orszagos Idegsebeszeti Tudomanyos Intezet (Igazgato: dr Zoltan Iaszlo) es Budapesti Orvostudomanyi Egsystem Orvosi Vergyteni Intezete (Igazgato: dr. Straub F. Bruno) kozlemenye.

(AMIDASES, determ.

adenosine deaminase in CSF & blood in NS tumors (Hun))  
(NERVOUS SYSTEM, neoplasms  
blood & CSF adenosine deaminase activity (Hun))

STRAUB, F.B.; STEPHANECK, O.; ACS, G.

Plasma adenosine deaminase activity in tumor cases [in English  
with summary in Russian]. *Biokhimiya* 22 no.1/2:118-121 Jan '57.  
(MLRA 10:7)

1. Institut meditsinskoy khimii, Budapeshtskiy Universitet,  
Vengriya.

(AMIDASES, in blood,  
adenosine deaminase in cancer)

(NEOPLASMS, blood in,  
adenosine deaminase)

11039510101941

STRAUB, F. Bruno, dr.; STEPHANECK, Ottilia; ACS, Gyorgy, dr.;  
SELLEI, Camillo, dr.

Measurement of adenosine deaminase activity in blood plasma  
as tumor diagnostic test. Orv. hetil. 98 no.10-11:256-259  
17 Mar 57.

1. A Budapesti Orvostudományi Egyetem Orvosi Vegytani  
Intézete és Országos Onkológiai Intézet belosztályának  
közleménye.

(NEOPLASMS, diag.

adenosine deaminase determ. in blood plasma (Hun))

(AMIDASES, in blood

adenosine deaminase determ. in blood plasma in  
neoplasm diag. (Hun))

SOLTI, Ferenc; SIMONYI, Gusztav; REV, Judit; ISKUM, Miklos; HERMANN,  
Robert; ACS, Gyorgy

Effect of sodium nitrate on the venous pressure of the brain.  
(Studies on venous pressure changes after the administration of  
sodium nitrate by means of the simultaneous examination of the  
cubital and external jugular veins). Kiserletes Orvostud. 12 no.5:  
485-490 O '60.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája és  
Idegkörtani klinikája.  
    (BRAIN blood supply)  
    (NITRATES pharmacol)

SZABO, Gyorgy; SOLTI, Ferenc; ACS, Gyorgy

Effect of lowered effective volume of circulating blood on electrocardiography in normal subjects and in patients with cardiac decompensation. Magy belorv. arch. 14 no.1:35-39 '61.

1. A Budapesti Orvostudományi Egyetem I szamu Belklinikájának közleménye  
(Igazgató: dr. Rusznyak István egy. tanár)

(BLOOD VOLUME)      (ELECTROCARDIOGRAPHY)  
(HEART DEFECTS CONGESTIVE)

SZABO, G.; SOLTI, F.; ACS, G.

The effect of decrease of circulating blood volume on the electrocardiogram in normal subjects and those with decompensated heart diseases. Acta med.hung. 17 no.1:91-98 '61.

1. I medizinische Klinik (Direktor: Prof. I.Rusznayk) der medizinischen Universität, Budapest.

(HEART FAILURE CONGESTIVE physiol.)  
(ELECTROCARDIOGRAPHY physiol.) (BLOOD VOLUME physiol.)

SOLTI, F.; SIMONYI, G.; REV, J.; ISKUN, M.; HERMANN, R.; ACS, Gy.

On the effect of sodium nitrite on cerebral venous pressure. Acta  
med. Hung. 18 no.2:167-174 '62.

1. I. Medizinische Klinik (Direktor: Prof. Dr. I. Ruzsnyak) und  
Neurologische Klinik (Direktor: Prof. Dr. B. Horanyi) der  
Medizinischen Universität Budapest.

(NITRITES pharmacology)      (BRAIN blood supply)  
(BLOOD PRESSURE pharmacology)      (JUGULAR VEIN physiology)

ACS, GI.

2

HUNGARY

SOLTI, F.; ISKUM, M.; MATHE, Z.; MARZ, Gy.; ACS, Gy.; Medical University of Budapest, First Medical Clinic (Budapesti Orvostudományi Egységek I. sz. Belklinikája)

"The Effect of Novocaine on the Coronary Circulation."

Budapest, Kiserletes Orvostudomány, Vol XIV, No 6, 1962, pp 619-623.

Abstract: [Authors' summary] The effect of novocaine on the coronary circulation was studied: 1/ after previous coronary ligation, 2/ under normal coronary circulation (novocaine was administered in a slow i.v. injection in 0.05 g dose). The results showed that after acute coronary occlusion novocaine significantly increased the coronary flow and decreased coronary resistance. The flow remained unchanged under normal coronary circulation. Blood pressure and the minute volume did not show significant changes due to novocaine. On EKG pictures it was significant that the ventricular ES following the coronary ligation disappeared under novocaine administration. The pathomechanism of the effect of novocaine on the coronary circulation was discussed.

[7 Western, 4 Soviet-bloc references]

1/1



SOLTI, F.; ISKUM, M.; MATHE, Z.; MARK, Gy.; ACS, Gy.

Effect of procaine on coronary circulation. Acta physiol. acad.  
sci. hung. 21 no.4:353-357 '62.

1. Ist Department of Medicine, Medical University, Budapest.  
    (PROCAINE)                      (CORONARY VESSELS)

ACS, Gabor; SIROKMAN, Ferenc; GAL, Dezso

Examination of competitive oxidation with marked molecules; a preliminary communication. Magyar kem folyoir 68 no.5:229-230 My '62.

1. Szegedi Tudományegyetem Központi Izotop Laboratóriuma.

KOVES, Erzsebet; ACS, Ilona

Quantitative changes in the growth and germination inhibitors  
of rice straw during the aerobic and anaerobic decomposition.  
Agrokem tájékoztató no.1:129-134 Mr '63.

1. Tudományegyetem Növényelettani Intézete, Szeged.

ACS, Imre, dr.

New highway laws. Kozleked kozl 18 no.42:757-760 '62.

CATEGORY :  
ABS. JOUR. : RZKhim., No. 1959, No. 88385  
AUTHOR : Acs, J.  
INST. :  
TITLE : Concerning the Paper by Kevevari on  
"Improvement Problems in Machine-Curing of  
Tobacco".  
ORIG. PUB. : Dohanyipar, 1958, aug.-szep., 15-19  
ABSTRACT : Presentation of the results of experiments  
conducted at the factory in the town of Szolnok (Hungary)  
on improvement of the technology of drying, on problems of  
storing and sorting of tobacco, increasing the output of  
curing machine by 20-30%, lowering the cost of curing.  
See Abstract 88384. -- S. Rozenfel'd.  
CARD:  
259

ACS, Iaszlo, Dr.; PETRANYI, Gyozo, Dr.

Giant cell elastica disease in isolated cyst due to bronchiectasis in child. Tuberkulozis 11 no.3-5:103-107 Mar-May 58.

1. A Harshegyi Gyermektudozsanatorium es Gyogyiskola Igazgatofoorvos: Petranyi Gyozo dr. egyetemi magantanar) kozlemenye.

(LUNGS, pathol.

giant cell reactions in elastic tissue in cystic bronchiectasis (Hun))

(BRONCHIECTASIS, pathol.  
same)

PETRANYI, Gyozo; ACS, Iaszlo

*dim*  
Significance of hematological reactions following bronchography.  
Tuberkulozis 12 no.3:65-68 Mar 59.

1. A Harshegyi Gyermektudozsanatorium es Gyogyiskola (Igazgato-foorvos:  
Gyozo dr.) kozlemenye.

(BRONCHI, radiography

blood changes following bronchography (Hun))

(BRONCHOSCOPY, compl.

blood changes following bronchoscopy (Hun))

(BLOOD

blood changes following bronchography & bronchoscopy (Hun))

TOP SECRET

FORGACS, Jozsef, dr.,; BAJKOR, Jozsef, dr.,; ACS, Miklos, dr.

Data on the injurious effects of hepatitis on the embryo. Magy.  
noorv. lap. 19 no.1:49-51 Jan 56.

1. A fovarosi Tetenyi oti Korhaz (igazgato: Zellner Pal dr.)  
Szuleszeti es Nagygyaszati Osztalyanak (megbizott foorvos: ACS  
Miklos dr.) kozlemenye.

(HEPATITIS, INFECTIOUS, in pregn.

inj. eff. on embryo (Hun))

(PREGNANCY, compl.

hepatitis, infect., inj. eff. on embryo (Hun))

(EMBRYO

eff. of maternal infect. hepatitis (Hun))



ACS, Miklos, dr.; TOTH, Bela, dr.; BAJKOR, Jozsef, dr.

Use of tissue spreading enzymes in the therapy of inflammations of the uterine region, resistant to conservative therapy. Orv. hetil. 97 no.14:371-376 1 Apr 56.

1. A Tetenyi uti Teruleti Korhaz (igazgato: Zellner, Pal dr.) Szulo-nobeteg Osztalyanak (mb. foorvos: Acs, Miklos dr.) kozlemenye.

(UTERUS, dis.

inflamm. of uterine region, hyaluronidase ther. in cases resistant to antibiotic ther. (Hun))

(HYALURONIDASE, ther. use

uterine inflamm., eff. in cases resistant to antibiotic ther. (Hun))

ACS, Miklos, Dr.; TOTH, Bela, Dr.; ELERK, Emil, Dr.

Dilatation of os and cervix uteri in therapeutic abortions by hyaluronidase. Magy. noorv. lap. 21 no.3:173-177 June 58.

1. A Tetenyi uti területi korház (Igazgato: Zellner Pal dr.) Szulobeteg osztalyanak (foorvos: Acs Miklos dr.) kozlemenye.

(ABORTION, THERAPEUTIC

dilatation of os & cervix uteri by hyaluronidase (Hun))

(HYALURONIDASE, eff.

dilatation of os & cervix uteri in ther. abortion (Hun))

KORANYI, Gyorgy, dr. (Veszprem); ACS, Miklos (Veszprem)

Contact boundary angle of water on alkali-lime silicate-glass sheet.  
Acta chimica Hung 24 no.3:333-341 '60. (EEAI 10:3)

1. Research Institute of Heavy Chemical Industry, Veszprem.  
(Water)    (Alkalies)    (Lime)    (Silicates)    (Glass)

ACS, Miklos, dr.; TOTH, Bela, dr.

Our experiences with the administration of formalin in therapeutic abortions in aged. Magy noorv. lap. 25 no.1:33-37 Ja '62.

1. A Tetenyi uti korhaz (Igazgato: Zellner Pal dr.) Szulo-nobeteg osztalyanak (Foorvos: Acs Miklos dr.) kozlemenye.

(ABORTION, THERAPEUTIC) (FORMALDEHYDE pharmacol)  
(OVARY pharmacol)

MATOS, Lajos, dr.; TOTH, Bela, dr.; KISS, Istvan, dr.; ACS, Miklos, dr.

Significance and correlation of diphenylamine reaction, follicular hormone activity and hyperostosis in endometrial hyperplasia. Magy. noorv. lap. 25 no.6:378-383 N '62.

1. A Csornai Jarasi Tanacs Korhaza Sebészeti Osztalyanak es a Fovarosi Tetenyi-uti korhaz szuleszeti-nogyogyaszati osztalyanak es korszovettani laboratoriumanak kozlemenye.

(ENDOMETRIAL HYPERPLASIA)      (FSH)      (BONE DISEASES)  
(ANILINE COMPOUNDS)

ACS, Miklos

Before new tasks. Term tud kozl 5 no.6:241-242 Je '61.

ACS, Miklos

Some questions relating to the technical propaganda of the Society for Propagating Scientific Knowledge with a view to the promotion of the production. Term tud kozl 7 no.2:95-96 F '63.

1. Tudományos Ismeretterjesztő Társulat Országos Elnökségének tagja.

ACS, Miklos

Results of applying electronics in Hungary. Term tud kozl  
7 no.4:148-151 Ap '63.

1. Muszeripari Kutatointezet tudomanyos osztalyvezetoje,  
Budapest.



ACS, Miklos

Dielectrophoresis in possibilities for its industrial application.  
Magy kem lap 18 no.12:589-592 12 D '63.

1. Banyaszati Kutato Intezet.

ACS, Miklos

Application of galvanic contactfree cells in dielectrometry.  
Magy kem folyoir 70 no. 1: 1-7 Ja '64.

1. Banyaszati Kutato Intezet Szenfeldolgozo Csoport,  
Veszprem.

ACS, Miklos

Formation of the Technical Committee on Preset Control  
in the Scientific Association of the Machine Industry.  
Gep 17 no.1:40 Ja '65.

KORANYI, G., d-r. khim. nauk; ACS, M. d-r. khim.nauk

Measurement of the adhesion force between glass surface and glass powder. Acta techn Hung 31 no.1/2:139-146 '60. (EEAI 10:3)

1. Issl. inst. osnovn.khimicheskoy prom., Vespem, Vengriya.  
(Glass)

ACS, Miklos

"Tivadar Puskas" by Janos Pap. Reviewed by Miklos Acs. Elet  
tud 16 no.5:139 29 Ja '61.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

ACS, Miklos; BENYOVSZKY, Moric

Method and installation for drying loose granular and lumpy materials by infraradiator during the process of their transportation. Ujit lap 14 no.16:24 25 Ag '62.

ACS, P.

Remark on Kalman Lehotzky's article "Modern Road Structures." p: 190.

MELYEPITESTUDOMANYI SZEMLE. (Koslekedes- es Koslekedesepitestudományi  
Egyesület) Budapest, Hungary. Vol. 9, no. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI) IC, vol. 8, no. 2, <sup>July</sup> ~~1959~~.

Uncl.

ACS, Pal (Sztalinvaros)

Workshop experiences with the Thylox-type separation of hydrogen sulfide. Kem tud kozl MTA 16 no.1:126 '61.

1. Dunai Vasmu, Sztalinvaros, Hungary.

(Hydrogen sulfide)



ACS, Peter (Budapest)

Sensitive microphone made of Szonett loudspeaker. Radiotechnika  
12 no.6:179 Jo '62.

ACS, Peter (Budapest, V. Alkotmany u.25)

Experiences with small-size transistor receivers. Radioteknikai  
13 no.10:371 0 '63.

ACS, Peter, okleveles mernok

Hungarian experience ; in earth compacting work. Melyepitestud  
szemle 14 no.6:252-258 Je '64.

1. Division Chief, Road Research Institute, Budapest.

CSABA, Gyorgy; ACS, Tamas; HORVATH, Cecilia

The reciprocal action between 2 tumor transplants. Kiserletes  
orvostud. 13 no.2:138-141 My '61.

1. Budapesti Orvostudományi Egyetem Szövet és Fejlődéstan Intézete.  
(NEOPLASMS exper.)

CSABA, G.; KOROSI, J.; HORVATH, C.; MOLD, K.; ACS, Th.

Effect of heparin-bound alkylating agents and enzyme inhibitors  
on neoplastic growth. Neoplasma 11 no.2:137-144 '64

1. Institute of Histology and Embryology, Budapest Medical  
University; Research Laboratory of the United Works for  
Pharmaceutical and Dietetic Products, Budapest, Hungary.

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 Tudományos Akademia, Kísérleti Orvostudományi Kutató  
Intézet.

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

YAGHI, J.; VAHEDI, A.; JAFARI, M.; et al.

Influence of the thyroid gland on the growth of hypertension in  
hypothyroidism. *Iranian J. Med. Sci.* 1980; 5: 101-107.

1. Department of Pathophysiology, Institute of Experimental  
Medical Research (Director: T. Farajki), Islamic University of  
of Sciences, and First Department of Surgery (Directors:  
S. Emami), University Medical School, Isfahan.

PAPP, Miklos, dr.; KRASZNAI, Istvan; ACS, Zsuzsanna, dr.; VANGA, Bertalan, dr.;  
FOLDES, Janos, dr.

Examination of the blood volume flowing through the pancreas in  
experimental pancreatitis. Orv. hetil. 105 no.37:1746-1748 13  
3 '64.

1. Magyar Tudományos Akademia; Kísérleti Orvostudományi Kutató  
Intézet; Korelettani Osztály és Budapest Orvostudományi Egyetem,  
I. Belklinika (igazgató: Ruzsnyák István dr.).



L 15494-66

ACC NR: AT6007463

SOURCE CODE: HU/2505/65/026/00X/0058/0058

AUTHOR: Varga, B.; Stark, E.; Papp, M.; Acs, Zsuzsanna

ORG: Department of Pathophysiology, Research Institute of Experimental Medicine, Hungarian Academy of Sciences (Magyar Tudományos Akademia, Kiserleti Orvostudományi Kutatointezet, Korelettani Osztaly)

TITLE: Effect of ACTH and TSH on adrenal and thyroid blood flow [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 58

TOPIC TAGS: ACTH, endocrinology, gland, hormone, blood circulation, thermocouple, thyroid gland

ABSTRACT: The experiments were carried out on dogs. The changes in blood flow were recorded continuously by means of heated thermocouples inserted into the glands. It was shown in acute experiments that ACTH increased the adrenal blood flow even when given in repeated i.v. injections. The adrenal blood flow was increased even after the corticoid secretions had ceased to increase. In the other organs used for comparison

Card 1/2

29  
B+1

Z

L 15494-66

ACC NR: AT6007463

(kidney, thyroid), ACTH did not influence the blood flow. By means of thermocouples implanted into the adrenals, it could be shown in alert animals that even small doses (1 I.U.) of ACTH caused a significant increase in adrenal blood flow after an operation. The method was proven to be suited for use in studies concerned with the relationship between adrenal secretory activity and blood supply in alert animals. The results obtained with  $^{86}\text{Rb}$  corresponded with those obtained by the thermocouple method. As determined by the above two methods, TSH produced no change in thyroid blood flow, in acute experiments.

[JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

PAPP, Miklos, dr.: VARGA, Bertalan, dr.; ACS, Zsuzsanna, dr.; FOLDES,  
Janos, ar.

Effect of some agents influencing blood circulation on the  
pancreatic blood flow. Orv. hetil. 106 no.13:591-593  
28 Mr '65

1. Magyar Tudományos Akademia, Kiserleti Orvostudományi Kutató  
Intézet, Korelettani Osztály és Budapesti Orvostudományi Egyetem,  
I. Belklinika ( igazgató: Rusznyak, István, dr.).

STARK, E. dr.; VARGA, Bertalan, dr.; ACS, Zsuzsanna, dr.; PAPP, Miklos,  
dr.

Measuring the quantity of the blood flow through the adrenal  
gland using a thermo-battery. Orv. hetil. 106 no.28:1306-1309  
11 J1'65.

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

ACSADI, GY.

Remarks on the life span of human beings, on the aging of the population, and on the studies of aging. p. 305.

A MAGYAR TUDOMANYOS AKADEMIA V. OSZTALYA BIOLOGIAI CSOPORTJANAK KOZLEMENYEI.  
Budapest, Hungary. Vol. 1, No. 3/4, 1958.

Monthly List of East European Accessions (EEIA) LC, Vol. 9, No. 1, Jan. 1960  
Uncl.

ACSADI, GJORGY; MEREL, GY, AND OTHERS.

Az öregedés (Aging); a book review. p. 457.

A MAGYAR TUDOMÁNYOS AKADÉMIA V. OSZTÁLYA BIOLÓGIAI CSOPORTJÁNAK KOZISÉNYEI.  
Budapest, Hungary. Vol. 1, No. 3/4, 1958.

Monthly List of East European Accessions (EEAI). LC, Vol. 9, No. 1, Jan. 1960.  
Uncl.

ACSADI, GY.; NEMESKERI, J.

The population of the Northeastern Transdanubian area during the 10th and 11th centuries. In French. p. 359.

Országos Magyar Természettudományi Múzeum. MAGYAR NEMZETI MUZEUM TERNE SZET-  
TUDOMÁNYI MUZEUM EVKONYVE. ANNALES HISTORICO-NATURALES MUSEI NATIONALIS  
HUNGARICI. Budapest, Hungary. vol. 9, 1958

Monthly List of East European Accession (EEAI) LC, V ol. 9, no. 2, Feb. 1960

ACSADI, Gyorgy

"Selected studies of migration since World War II." Reviewed  
by Gyorgy Acsadi. Stat szemle 37 no.4:452-453 Ap '59.



ACSADI, Gyorgy, dr.

Fecundity, birth control, family planning. Elovilag 4 no.2:  
43-52 Ap-Js '59.

1. Osztalyvezeto.

ACSADI, Gyorgy

"The 1961 population census; methodological and organizational questions" by Hermann Schubnell. Reviewed by Gyorgy Acsadi. Stat szemle 40 no.12:1282-1283 D '62.

ACSADI, Gyorgy, dr; KLINGER, Andras, dr.;

Results of family planning and birth control surveys.  
Stat szemle 41 no.3:227-258 Mr '63.

1. Kozponti Statisztikai Hivatal osztalyvezetohelyettese  
(for Acsadi).
2. Kozponti Statisztikai Hivatal foosztalyvezetohelyettese  
(for Klinger).

ACSADI, Gyorgy, dr.

"Authenticity of age statistics in the 1960 census." Reviewed  
by Gyorgy Acsadi. Stat szemle 43 no.3:313-316 Mr '65.

1. Deputy Division Chief, Central Statistical Office, Budapest.

TISZAI, Aladar, dr.; FAREBIN, Imre, dr.; ACSAI, Pal dr.; WINTER, Miklosne, dr.

Study on the effect of ephedrine in normal subjects and in patients with epidemic hepatitis. Magy belorv. arch. 13 no.6:173-176 '60.

1. A Szegedi Orvostudományi Egyetem I ss. Belgyógyászati Klinikájának (Igazgató: Dr. Julesz Miklos egyetemi tanár) közleménye.

(EPHEDRINE pharmacol)      (HEPATITIS INFECTIOUS)

TISZAI, A.; FARONIK, I.; ACSAI, P.; SIMOR, I.

On the effect of ephedrine on the excretion of neutral 17-ketosteroids and on blood pepsinogen levels in epidemic hepatitis and in normal persons. Acta med. Hung. 18 no.3:257-265 1962.

I. I. Medizinische Klinik (Direktor: prof. Dr. M. Julesz) der Medizinischen Universität, Szeged.

(HEPATITIS, INFECTIOUS)      (EPHEDRINE)      (PEPSIN)  
(17-KETOSTEROIDS)      (BLOOD)      (URINE)      (EOSINOPHILS)

ACSAY, I.

Hungarian Technical Abst.  
Vol. 6 No. 1  
1954

611.377.004.14  
28. The heating and cooling of experimental chambers by means of a heat pump - *Hűtés- és fűtéstechnika* - I. Acsay. (Building Installations - *Építéstechnika* - Vol. 2, 1953, No. 1-2, pp. 1-11, 12 figs., 5 tabs.)

The possible cycles are the following: (1) from air with air, (2) from deep water, (3) from ground water or water from the mains with air, (4) and (5) from water with water, and (6) from air with water. According to investigations (3) was found to be the most economical. Moreover this can be solved most satisfactorily by the available methyl chloride compressors. For changeovers and regulation various automatic devices are used. The size and design of the experimental chamber used as an example is such that in the heating season at  $-15^{\circ}\text{C}$  external and  $+20^{\circ}\text{C}$  internal temperatures and taking into consideration approx. 300 kcal per hour of heat produced inside the room the maximum replaceable heat loss is 1500 kcal per hour. In the cooling season, at a maximum of  $+35^{\circ}\text{C}$  external temperature and taking the rate of insulation into account, the heat to be abstracted is 2000 kcal per hour. The computations, diagrams and tables published in the article refer to the above limiting values.

R. E.

ACSAY, Istvan

Ventilation of engine compartments. Epuletgepeszet 11 no.1:  
13-18 F '62.



ACTARIAN, Rodica, ing.; COLCEAG, Radu, ing.

Reconditioning agricultural machine and tractor parts by covering them with plastic masses. Mec electrif agric 9 no.5:18-22 '64.

1. Chemical Research Institute of the Ministry of Petroleum and Chemical Industry (for Actarian). 2. Trust of Repair Stations (for Colceag).

ACTINS, Vsevolods; JURJANE, E., red.; KLOTINA, I., tekhn. red.

[Organization and planning in construction] Celtniecibas  
organizesana un planosana. Riga, Latvijas Valsts izdev-  
nieciba, 1962. 392 p. (MIRA 16:5)  
(Construction industry)

ZAMFIRESCU, Tudor (Bucuresti); LEVIN, Alexandru (Tallin, U.S.S.R.); ACU, Dunitru (Nasaud); SANDULACHE, C. (Negresti); PRAVAT, V.V. (Iasi); SACTER, C.; POPA, Eugen (Iasi); ZAMFIRESCU, Tudor; VOICULESCU, Dan (Bucuresti); IONESCU-TIU, C.; BOICESCU, Vlad (Craiova); MANUTI, Ion (Timiscara); MUSTA, Stefan (Oradea); BERDAN, C. (Bacau); PETRESCU, P. Anastasie (Craiova); LUSZTIG, Gh. (Bucuresti); BRINZANESCU, V. (Bucuresti)

Solved problems. Gaz mat B 16 no.2:64-82 F '65.

HERLING, C. (Bucuresti); HURISTE, Constantin; IERLESCU, Stefan (Slatina);  
Pirsan, Liviu (Bucuresti); ENDOAN, G.; IONESCU-TIU, D.; IONESCU,  
Florica H. (Bucuresti); FILIPCIU, Al. (Buzau); GHEORGHESCU, George  
(Bucuresti); SANDULACHE, S., prof. (Neagresti, Iasi); KORTUN, . . .  
SCHEFFEL, Gabriela (Clapulung); TEODORESCU, I. prof. (Galati);  
SICLOVAN, I. (Petrosani); AGU, Dumitru (Cluj); GRECU, Eftimie  
(Bucuresti); PAUN, N., prof. (Rimnicu Vilcea); GHEORGHIU, Adrian  
(Bucuresti); DUMITREASA, P., prof. (Cluj); GHEORGHESCU, Corneliu  
(Craiova); BOBANCU, V. (Bucuresti); PANESCU, Grigore, prof.  
(Cimpina); CFREA, Gh. (Fillas); POHESCU, Ioan M. Bucuresti);  
Serb, Ion (Iugoj)

Proposed problems. Gaz mat B 16 no.4:172-177 Ap '65.

ACZEL, Elemérne

Technical documentation at the Research Institute of the  
Textile Industry. Magy textil 14 no.9:432 S '62.

1. Textilipari Kutató Intézet könyvtárosa.

ACZEL, Etelka

Secular changes of the vertical line. Geofizika 13 (1966):  
32-64.

ACZEL, Etelka

Gravitational observations and the determination of the  
rigidity of the earth. Term tud kozl 4 no. 9: 397 S '60.

---

ACZEL, Etelka

Ultraviolet radiation of nocturnal sky. Term tud kozl 5 no.2:86-87  
F '61.

1. Tudomanyos kitato.



ACZEL, Etelka; Bartha, Lajos, ifj.

The Ranger project. Term tud kozl 5 (93) no.3:134-135 Mr. '62.

(SZ.) ACZEL, Etelka; PINTER, Anna; BARTHA, Lajos (Jr)

Gravitational measurements during the February 15, 1961,  
solar eclipse. Term tud kozl 7 no.6:277-278 Je '63.

ACZEL, Etelka, SHLOKY, Istvan

Secular changes in the geomagnetic field in Hungary between  
1958 and 1963 based on the secular network measurements. Geofiz.  
kutat. no. 3: 345-358 (64).

ACZEL, Gyorgy

Experiences with phorometric examinations. Szemeszet 94 no.2:76-83  
July 57.

1. A Magyar Nephadsereg Egeszegugyi Szolgalatanak kozlemenye.  
(STRABISMUS, diag.  
phorometric screenings in Hungary, technics & statist. (Hun))

EXCERPTA MEDICA Sec 20 Vol 2/10 Gerontology Oct 59

1417. **The operation of Kettesy for spastic senile entropion** Über die Operation nach Kettesy gegen das Altersentropium. Aczél G. Augenabt., Städt. Krankenh., Budapest *Klin. Mbl. Augenheilk.* 1958, 132/6 (860-864) Illus. 10

Since 1950, 10 cases have been treated by this method, in which the palpebral portion of the m. orbicularis oculi is incised (see *Brit. J. Ophthal.* 1948, 311). No recurrences were seen. Pannevis - Rotterdam (XII, 20)

ACZEL, Gyorgy

The food law. Elelm ipar 13 no.4:114-117 Ap '59.

1. Elelmezesugyi Miniszterium.

ACZEL, Gyorgy

A new method for estimating the suitability of pseudoisochromatic plates and evaluating the readings. Szemeszet 98 no.3:141-154 S '61.

1. A IX ker. Tanacs VB. Gyali uti Korhaza (igazgato: Borza Laszlo) szemosztalyanak (foorvos: Aczel Gyorgy) kozlemenye.

(VISION TESTS)

ACZEL, Gyorgy

HUNGARY

MD

Institute of Child Neurology under the auspices of the Executive Committee of the Gyor-Sopron Megye Council (Gyor-Sopron Megyei Tanacs V.B. Gyermek Ideggondozo Intezete) Head: Gyorgy ACZEL, MD, chief-physician.

Budapest, Gyermekgyogyaszat, No 8, Aug 62, pp 235-242.

"The Significance of the Early Recognition of Retardation in the Further Development of the Child. (Examination of pre-school children from the point of view of maturity.)"

Co-author:

SZABO, Pal, Apaczai Csere Janos Graduate School of Education (Acting Director: Jozsef CSOKNYAI), Gyor (Apaczai Csere Janos Felfokozott Tanitokepzoi Intezet)



ACZEL, Gyorgy, dr.

Some questions relating to the plant organization in the food industry. Elelm ipar 16 no.3:65-70 Mr '62.

1. Elelmezesugyi Miniszterium.

ACZEL, Gyorgy, dr.; SZABO, Pal; kulso munkatarskent: BAKSA, Jozsef; SZELIANSZKY, Ferenc, dr.; KEMENES, Jozsef

The importance of early diagnosis of growth retardation from the viewpoint of further development of the child. Gyermekgyogyaszat 13 no.8:235-242 Ag '62.

1. Gyor-Sopron Megyei Tanacs V.B.Gyermek Ideggondozo Intezete. (Vez.: Aczel Gyorgy dr. foorros) es Apaezai Csere Janos Felfofoku Tanitokepzo Intezet, Gyor. (Mb. igazgato: Csoknyai Jozsef) kozlemenye.  
(GROWTH in inf & child)

ACZEL, Gyorgy, dr., foovos

Public health investments, social committees on planning. Munka  
14 no.10:12-13 O '64.

1. Secretary, Trade Union of Physicians and Public Health  
Workers, Budapest.

ACZEL, Gyorgy, dr.; SZANTO, Emil, dr.

Some problems relating to the management of large industrial enterprises. Elelm ipar 18 no.11:1-5 J'64.

1. Elelmezesugyi Miniszterium.

ACZEL, Gyorgy; TAMAS, Gyorgy

Survey of the Soviet and Czechoslovak industrial reorganization.  
Elelm ipar 13 no.3:78-83 Nr '59.

1. Elelmezesugyi Miniszterium.

ACZEL, Gyorgy, dr.

Certain questions of modern industrial management after the  
industrial reorganization. Elalm ipar 19 no.4:97-101 Ap '65.

1. Ministry of Food, Budapest.

S/196/63/000/002/017/026  
E194/E155

AUTHOR: Aczél, György

TITLE: An investigation of color perception of the eye

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,  
no.2, 1963, 3, abstract 2 V 11. (Honvédorvos, v.14,  
no.1, 1962, 13-15) (Hung.)

TEXT: Problems of investigating color vision of people by  
means of a Nagel anomaloscope, Rabkin color tables and other  
methods are considered.

3 references.

[Abstractor's note: Complete translation.]

Card 1/1

ACZEL, Istvan

The M-3 electronic-computing machine. Musz elet 15 no.25:1,10  
D '60. (EEAI 10:2)  
(Hungary--Electronic calculating machines)



ACZEL, Istvan

Conference on electronic-calculating machines arranged by the  
Academy of the Rumanian People's Republic. Magyar tud. 67 no.9:  
554-557 S '60. (EEAI 9:12)  
(Academy of the Rumanian People's Republic)  
(Electronic calculating machines)

S/194/62/000/002/002/096  
D230/D301

AUTHOR: Aczél, Istvan

TITLE: Application of electronic computers in the VNR (Hungarian People's Republic)

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-1-6n (Magyar tud., 1961, 68, no. 6, 341-352)

TEXT: Following the survey of the manufacture and application of digital computers in the USSR and other socialist countries, it appears that there are several digital computers in the VNR. Some of these, e.g. type M-3, were produced according to Soviet documentation. The majority of the computers were obtained from the USSR; there are also a few Bull Gamma computers. Most of the computers are used at the Hungarian Academy of Sciences. There are also computers at various enterprises (Power research Institute, Optical Firm "Gamma", etc.). Home-made computers are applied to solving specified problems; these are: Computing the new bridge in Budapest,

Card 1/2

ACZEL, Istvan, dr.

Debate about the applied mathematics in the field of economics.  
Stat szemle 40 no.2:221-222 F '62.

1. Magyar Tudományos Akademia Szamitastechnikai Kozpontjanak igazgatoja.

ACZEL, Istvan, dr.

Electronic computers and mathematical methods in the planning and management of iron metallurgy. Koh lap 93 no.7:324-328 JI '60.

1. Magyar Tudományos Akademia Kibernetikai Kutato Csoportja megbizott igazgatoja.

ACZEL, Janosne

Books in mathematics published in Hungary since 1945. Pt. 1.  
Mat lapok 15 no.1/3:272-275 '64

Aczél, John, and Fényi, Stephen. On fields of forces in  
which centres of gravity can be defined. Hungarian

**"APPROVED FOR RELEASE: 06/05/2000**

**CIA-RDP86-00513R000100310015-0**

**APPROVED FOR RELEASE: 06/05/2000**

**CIA-RDP86-00513R000100310015-0"**

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310015-0

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310015-0"



(Révész, L., Rényi, A., and Aczél, J. On composed Poisson distributions. I. Acta Mathematica Hungarica, 1950, 204-224 (1950). (English. Russian summary) Let  $X(t)$  be a stochastic process such that (1)  $X(t)$  assumes only non-negative integral values, (2) the increments of  $X(t)$  over a set of non-overlapping  $t$ -intervals are mutually independent, (3) the distribution of  $X(t+h) - X(t)$  is independent of  $t$ . Under these circumstances the distribution of  $X(t)$  is given by an infinitely divisible law, and is therefore a composed Poisson distribution. [Cf. P. Lévy, Théorie de l'addition des variables aléatoires, Gauthier-Villars, Paris, 1937, chapter 7.] The authors are apparently unaware of the pertinent literature and prove this result directly without using the advantages resulting from the use of generating functions. In the next section they characterize their processes as those described by infinitely divisible distributions. This is essentially a repetition of the argument in terms of generating functions, except that the authors introduce the superfluous condition that  $E(X(t)) = t$  (whereas it is not necessary to assume this condition). Finally, the authors check that certain distributions are infinitely divisible, although this property is usually implied in their definition. W. Feller (Princeton, N. J.)

SPMS  
 [Signature]

"APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310015-0

*cm*

APPROVED FOR RELEASE: 06/05/2000

CIA-RDP86-00513R000100310015-0"

3  
Mészáros, J. Zur Charakterisierung nomographisch einfach  
darstellbarer Funktionen durch Differential- und Funk-  
tionalgleichungen.

Source: Mathematical Reviews, Vol. 11, No. 1, 1972

0460

Jánosy, L., Rényi, A., and Aczél, I. On compound Poisson distributions. I. Magyar Tud. Akad. M. Fiz. Oszt. Közleményei 1, 315-328 (1951). (Hungarian)  
This is the Hungarian version of a paper by the same authors [Acta Math. Acad. Sci. Hungar. 1, 202-224 (1950); these Rev. 13, 663]. E. Lukacs (Washington, D. C.).

Source: Mathematical Reviews, Vol 13 No 10

*Mat*

Aczél, János. Über Funktionalgleichungen  
mehrerer Veränderlichen. I. Elementare Lösungsmethoden für Funktionalgleichungen mehrerer Veränderlichen  
Z. 2, 99-117 (1951). (Hungarian. Russian  
summaries)

This is an exposition of the author's results  
concerning the continuous, increasing solutions of

$$m(m(x, y), m(t, u)) = m(m(x, t), m(y, u))$$

where  $m(x, y) = f^{-1}(f(x) + f(y) + p)$ , where  $f$  is continuous and increasing [Bull. Amer. Math. Soc. 54, 392-400 (1948); these Rev. 9, 501]; the continuous and increasing solutions of

$$F(F(x, y), z) = F(x, F(y, z))$$

where  $F(x, y) = f^{-1}(f(x) + f(y))$ , where  $f(x)$  is continuous and increasing [Bull. Soc. Math. France 76, 59-64 (1949); these Rev. 10, 685]. The author gives the main ideas of the proofs, giving them in the order in which he got them.

P. Erdős (Berdean).

mehrerer Veränderlichen für Funktionalgleichungen  
Mat. Lapok and German

according to

is continuous and increasing

continuous and increasing

(Berdean).

ACZEL, JANOS  
On Functional Equations of Several Variables. I. Elementary Solving Methods for Functional Equations of Several Variables

*SM*

Source: Mathematical Reviews,

Vol 13 No 5

Accel, J., Kalmar, L., et Mikusinski, J. G. - Sur l'équation

form (2)  $f(x, u) = \lambda |u(x)| + h$  where  $u(x)$  is continuous and

is convex, etc.

Mathematical Reviews  
Vol. 15 No. 2  
Feb. 1954  
Algebra

Aczél, János. Über einige Funktionalgleichungen der Theorie der kontinuierlichen Gruppen. Comptes Rendus du Premier Congrès des Mathématiciens Hongrois, 27 Août-2 Septembre 1950, pp. 565-569. Akadémiai Kiadó, Budapest, 1952. (Hungarian. Russian and German summaries)

The author states and discusses some of his previous results in the theory of functional equations and their connections with continuous groups of transformations [Aczél, Bull. Soc. Math. France 76, 59-64 (1948); Aczél, Kalmár, and Mikusiński, Studia Math. 12, 112-116 (1951); these Rev. 10, 685; 13, 246]. Some generalisations and new results are also discussed. P. Erdős (South Bend, Ind.)

2

ACZEL, J.

Mathematical Reviews  
Vol. 14 No. 8  
Sept. 1953  
Analysis

5-10-54  
LL

4  
Aczél, J. ✓ On composed Poisson distributions. III. Acta  
Math. Acad. Sci. Hungar. 3, 219-224 (1952). (Russian  
summary)

This is a continuation of some recent work by János Rénny and the author [same Acta 1, 209-224 (1950); 2, 83-98 (1951); these Rev. 13, 663]. Let  $w_k(t_1, t_2)$  be the probability that exactly  $k$  events occur during the time interval  $(t_1, t_2)$ . It is assumed that the numbers of events occurring in nonoverlapping intervals are independent. The form of  $w_k(t_1, t_2)$  is derived inductively from a Chapman-Smoluchowsky type equation. *E. Lukacs.*



ACZEL, Janos

(2)

✓  
Aczél, János. Sur les équations fonctionnelles à plusieurs variables. II. Magyar Tud. Akad. Alkalm. Mat. Int. Közl. 1 (1952), 311-333 (1953). (Hungarian. Russian and French summaries)

Ce travail donne la discussion de la solution de quelques équations fonctionnelles

$$(1) \quad z[z(x, y), z(u, v)] = z[z(x, u), z(y, v)],$$

$$(2) \quad z[z(x, y), u] = z[x, z(y, u)],$$

$$(3) \quad z[z(x, y), u] = z(x, y+u),$$

par réduction à des équations différentielles. Comme application de ce procédé, on obtient les différentes formes des conditions d'équations différentielles qui caractérisent les fonctions capables d'être représentées par un nomogramme à trois échelles linéaires. *Résumé de l'auteur.*

Mathematical Reviews  
Vol. 15 No. 4  
Apr. 1954  
Analysis

ACZEL, J.

Mathematical Reviews  
May 1954  
History

10-4-54  
LL

②

✓ Aczél, J. Bemerkungen über die Multiplikation von  
 Vektoren und Quaternionen. Acta Math. Acad. Sci.  
 Hungar. 3 (1952), 309-316 (1953). (Russian summary)  
 Postulates are stated for the scalar, vector, and qua-  
 ternion products of vectors. The strongest of these postu-  
 lates appear to be the distributive laws. The classical  
 descriptions follow and are arrived at in part by the solution  
 of functional equations. *F. Kiokemeister.*

2  
0  
0  
0

ACZEL, J.

1000

Aczél, J. Eine Bemerkung über die Charakterisierung der "Klassischen" orthogonalen Polynome. Acta Math. Acad. Sci. Hungar. 4, 315-321 (1953). (Russian summary)  
 The author deals with the following characterization of the system of the Jacobi, Laguerre, and Hermite poly-

nomials, respectively. Let  $\{u_n(x)\}$  be a sequence of functions satisfying the following conditions:

(a) 
$$Q_n(x)u_n'(x) = L_n(x)u_n(x)$$

where  $Q_n$  and  $L_n$  are polynomials of degree 2 and 1, respectively; (b) all  $u_n(x)$  have at least two distinct (finite or infinite) zeros  $a, b$  in common; (c) there is a function  $p(x)$  so that  $u_n^{(n)}(x)/p(x) = R_n(x)$  is a polynomial of the precise degree  $n$ . Then  $\{R_n\}$  coincides with one of the systems mentioned above according as  $Q_n(x)$  has the degree 2, 1, 0. The weight function will be  $p(x)$  and the interval of orthogonality coincides with  $[a, b]$ .  
 G. Szegő.

10-28-54  
 LL

**"APPROVED FOR RELEASE: 06/05/2000**

**CIA-RDP86-00513R000100310015-0**

**APPROVED FOR RELEASE: 06/05/2000**

**CIA-RDP86-00513R000100310015-0"**