

SZANTO, J. Endre, dr.

BCG vaccination of newborn infants and revaccination. Tuberkulozis  
16 no.2:45-49 F '63.

1. A Szerencsi Jarasi Tbc Gondoza Intezet (vezeto foorvos: Szanto J.  
Endre dr.) kozlemenye.  
(BCG VACCINATION)

KALLOS, Zsuzsa, dr.; SZANTO, Endre, dr.; PALFFY, Gyula, dr.

Results of drug therapy in the form of aerosols in the treatment of lung diseases. Tuberkulózis 16 no.4/5:124-129 Ap-May '63.

1. Az Országos Korányi Tbc Intézet (igazgató főorvos: Boszormenyi Miklós dr. kandidátus, tudományos igazgató: Foldes István dr. kandidátus) közleménye.  
(TUBERCULOSIS, PULMONARY) (LUNG DISEASES)  
(AEROSOLS) (PYRAZINAMIDE) (NEOMYCIN)

HUNGARY

SZANTO, Endre, Dr. ORBAN, Gyorgy, Dr; National Koranyi TB Institute and Capital City Balassa Janos Hospital (Orszagos Koranyi Tbc. Intezet es Fovarosi Balassa Janos Korhaz).

"Four Full Term Pregnancies After Pulmonectomy."

Budapest, Orvosi Hetilap, Vol 104, No 9, 3 Mar 63, pages 416-418.

Abstract: [ Authors' Hungarian summary] The authors report the case of a 23 year old woman. At age 18 one lung was removed. Between the ages 21-28, she became pregnant four times. Every delivery was accompanied by complications in spite of which no sign of cardiac decompensation or breathing insufficiency was present. A short review of the literature on the subject is also presented. 6 Hungarian, 6 Western references.

- E N D -

2473

CSO: 2000-N

SZANTO, Erich

Prudent price policy of Sweden. Papir a celulosa 19 no.10:  
257 S '64.

BUGYI, Balazs, Dr.; BURKART, Ferenc, Dr.; SZANTO, Erika, Dr.

The problem of the Caplan syndrome. *Pracovni lek.* 10 no.2:152-153 May 58.

1. Mestska poliklinika v Budapesti\*Csopulu (Madarsko), reditel Dr. Jenö Vulkan.

(SILICOSIS, complications  
rheum. arthritis, case report (Cz))  
(ARTHRITIS, RHEUMATOID, complications  
silicosis, case report (Cz))

1964. ref 19

Survey of the production of the cellulose and paper industry  
in European countries in 1962. Papir a celuloza 19 no.2:18  
1964.

SUBIK, Emilian, inz.; SZANTO, Erich

Requirements of the United States cellulose and paper industry  
in the light of prospective studies. Papir a celuloza 19  
no. 6:176,179-180 Je '64.

1. Research Institute of Paper and Cellulose, Bratislava.

SZANTO, E.

Situation in the Austrian pulp and paper industry. Papier  
a celulosa 19 no.5:133 My '64.



SZANTO, Erich

Substantial increase of pulp and paper production with simultaneous economical use of wood in the Soviet Union. Papir a celuloza 19 no.11:302 N '64.

SZANTO, Erich

Recent information on raw materials for the cellulose industry.  
Papir a celuloza 19 no.12:332 D '64.

DOHU, Endre, dr., GORGENYI, Sosa, dr., NOVENIL, Jozsef, dr., SZANTO,  
Ervinne, dr.

Adrenocortical and pituitary function following protracted  
prednisolone treatment. Crv. hetil. 105 no.49:2314-2317  
6 D '64.

1. János Korház II. Belosztaly (forvos: Góth Endre Dr.),  
VI. sor. Tanaos Rendelcintezet, Komma-ostaly (forvos:  
Gorgenyi Sosa dr.).

TAKO, Jozsef, dr.; RADO, Janos, dr., munkatars: SZANTO, Ervinne, dr.

Changes in the "functional reserve capacity" of the pituitary gland and the adrenal cortex under the effect of antithyroid therapy. Orv. hetil. 106 no.35:1646-1650 29 Ag '65.

1. Fovarosi Janos Korhaz, Izotop (V. Bel.) Osztaly.

SZANTO, F.; VERES, S. &

Stability and structural properties of organosuspensions. Pt.2.  
Acta phys chem Szeged 9 no. 3/4:157-167 '63.

1. Laboratory for Colloid Chemistry, Jozsef Attila University,  
Szeged.

*Szanto, F.*

... of separation volume of silica

polar solvent (water, ethanol, etc.) ...  
temperature. In a nonpolar solvent (C<sub>6</sub>H<sub>6</sub>, CCl<sub>4</sub>, ...)  
volume decreases with rising temperature. Even trace  
... effect which disappears on complete drying. ...

SWARTZ, P.

Production and industrial use of organophilic bentonites. p. 366.

MAGYAR KÉMIAI MŰSZAKI LAPJA. (Magyar Kémikusok Egyesülete)  
Budapest, Hungary  
Vol. 14, no. 10, Oct. 1959.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410013-6

Monthly List of East European Accessions (1959)  
Uncl.

BUZAGH, Alader; SZANTO, Ferenc

Potenciometric titration of sodium clay minerals. Magyar Kémiai Folyóirat 66 no.1:13-16 Ja '60.

1. Eotvos Lorand Tudományegyetem Kolloid-kémiai és Kolloid-technológiai Intézete, Budapest. 2. "Magyar Kémiai Folyóirat" szerkesztő bizottsági tagja (for Buzagh).



BUZAGH, Aladar; SZANTO, Ferenc

Peptization of hydrogen montmorillonite with alkali hydroxide.  
Magy kem folyoir 66 no.1:16-20 Ja '60.

1. Eotvos Lorand Tudomanyegyetem Kolloid-kemial es Kolloid-  
technologiai Intezete, Budapest. 2. "Magyar Kemial Folyoirat"  
szerkeszto bizottsagi tagja (for Buzagh).

SZANTO, F.

On the electrochemical properties and the disaggregation of bentonites. Acta geol Hung 7 no.3/4:305-314 '62.

1. Eotvos University, Budapest.

SZANTNER, Ferenc; SZABO, Elemer

Tectonic observations on the basis of bauxite prospecting of the recent years. Foldt kozl 92 no.4:416-451 N-D '62.

STANTO, Geza; LOMB, Frigyes

Issuance of professional standards. Szabványi közl 16 no.3:  
H 44 M '64.

1. Head, Technical Development Division, Department of Postal  
Affairs, Ministry of Transportation and Postal Affairs (for  
Szanto). 2. Head, No. 2 Standardization Center, Ministry of  
Metallurgy and Machine Industry (for Lomb).

SZANTO, Geza

Modification of postal standards. Szabvany kozl 16 no. 11:HL47  
N '64.

1. Head, Division of Technical Development, Department of Postal  
Affairs, Ministry of Transportation and Postal Affairs, Budapest.

SZANTO, Gyorgy, a törtenelemtudomány kandidátusa

Economic and political methods of the German imperialism in the past and present. Magyar tud 68 no.11:661-667 N '61.

1. Magyar Szocialista Munkaspárt Partfoiskola, Budapest.

(German reunification question (1949-))

SZANTO, Gyorgy; SZONYI, Zsuzsa

Conversion of a refrigerator into a refrigerated laboratory. Kiserl.  
orvostud. 14 no.3:330-331 Je '62.

1. Orszagos Traumatologiai Intezet.  
(REFRIGERATION) (LABORATORIES)

SZANTO, G.

Therapy standardization in breast cancer. Orv. hetil., Budap.  
92 no. 46:1485-1492 18 Nov. 1951. (CIML 21:3)

1. Doctor. 2. Third Surgical Clinic (Director -- Prof. B. V.  
Petrovskij).



EXCERPTA MEDICA Sec 16 Vol-7/1 Cancer Jan 59

424. *Mixed tumours in the subinguinal region: An oncological entity* Lágyékalatti tájon előforduló, onkológiai egységet képező vegyesdaganatok. SZÁNTÓ G. Néphadsereg Egészségügyi Szolgálatának Közl. Néphadsereg Mag. Onkol. 1957, 1/2 (1-13) Illus. 12

Report of 5 cases of soft tissue tumours, which, on account of their typical localization and tissue structure, are interpreted as a clinico-pathological entity. All the 5 tumours were localized in the upper third of the thigh, at the anterior aspect, under the inguinal region, under the fascia lata. The tumours probably originated from the fascia of the long head of the quadriceps muscle. All the 5 tumours occurred in female patients. They all showed an essentially identical basic pattern: embryonic, mesenchymal connective tissue with cavitations. Benign and malignant varieties occur. The term 'mesenchymoma' is proposed.

Szinay - Budapest

SZANTO, Gyorgy; SZEKELY, Otto; BALAZS, Robert; DEVAI, Gyorgy

Biological and metabolic factors influencing wound healing.  
Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.1-2:98-101  
1957.

1. A Magyar Nephadsereg Eggeszsegugyi Szolgalata.  
(WOUNDS AND INJURIES  
healing, regional differences & role of various biol.  
& metab. factors (Hun))

SZEKELY, Otto, Dr.; BOLA, Domokos, Dr.; SZANTO, Gyorgy, Dr.; BARANYAI, Elza, Dr.

Therapy of rib fracture with stove-in chest by mechanical respiration. *Magy. sebeszet* 12 no.1:10-18 Mar 59.

1. Az Országos Traumatológiai Intézet (igazgató: Szanto Gyorgy dr. az orvostudományok kandidátusa) és a Fovarosí Iaszlo Korház (igazgató: Ferencz Pal dr., az orvostudományok kandidátusa) közleménye.

(RIBS, fract.

stove-in chest, ther., intermittent positive pressure breathing using electrorespirator (Hun))

(RESPIRATION, ARTIFICIAL, in various dis.

stove-in chest, intermittent positive pressure breathing using electrorespirator (Hun))

[REDACTED]

SMIRNOV, GYORGY, Dr. [no affiliation given]

"Molnar Bela Dr (1886-1962)."

Orvosi Szemle, Vol. 103, No. 51, 25 Dec 62, pages 2401-2402.

Abstract: The article is an obituary. Deceased was professor of surgery at the Institute for Postgraduate Medical Training (Orvosi Továbbképzési Intézet).

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SZANTO, Gyorgy

HUNGARY

PEKETE, Gyorgy, Dr. LANC, Edit, Dr. SZANTO, Gyorgy, Dr; State Traumatological Institute (Orszagos Traumatologiai Intezet)

"Hypokaliemic Syndrome Following Brain Injury."

Budapest, Orvosi Hetilap, Vol 104, No 5, 3 Feb 63, pages 198-201.

Hungarian

Abstract: [Authors' summary] After a short discussion on the pathomechanism of hypokalemia the authors discuss a case of an isolated hypokalemia syndrome which developed after a brain injury. The supposed cause in this case was a diencephalon lesion which influenced the kidney excretion by neural transmission, according to the authors' analysis. [10 Western 1 Hungarian reference]

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SZANTO, Gyorgy, dr.

First aid and transport of wounded in severe accidents. Orv.  
hetil. 106 no.23:1063-1069 6 Je '65

1. Orszagos Traumatologiai Intezet (igazgatos Szanto, Gyorgy, dr.)

SZANTO, Gyorgy, dr.

Tissue lesions caused by dental prosthesis and the incidence of failures. Fogorv. szemle 58 no.10:305-309 0 '65.

1. Közlemeny a Kecskemeti Megyei Korhaz (Igazgato-foorvos: Takacs, Sandor, dr.) stomatologiai osztalyarol (Foorvos: Szanto, Gyorgy, dr.).

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410013-6"

Burn Studies

HUNGARY

SZANTO, Gyorgy, Dr; National Institute of Traumatology (Orszagos Traumatologiai Intezet).

"Burn Injuries."

Budapest, Magyar Traumatologia, Orthopaedia es Helyreallito Sebeszet,  
Vol IX, No 3, Jul 66, pages 205-220.

Abstract: [Author's English summary modified] The functions of the skin which are developed in the course of phylogenesis are reviewed, followed by a derivation of the pathophysiological changes which accompany extensive skin injuries. The paramount role of the skin in the maintenance of homeostasis is emphasized and disturbances in homeostasis secondary to severe injuries of the skin are discussed. In conclusion, a brief review is given of burns involving the skin and basic concepts of modern therapy based on the pathophysiological changes. No references.

dyspepsia, is considered to be  
1/1 references.

HUNGARY

SZANTO, Gyorgy, Dr; National Institute of Traumatology (director: SZANTO, Gyorgy, Dr) (Orszagos Traumatologiai Intezet), Budapest.

"Some Problems in the Treatment of Skull Injuries."

Budapest, Orvosi Hetilap, Vol 108, No 9, 26 Feb 67, pages 401-403.

Abstract: [Author's Hungarian summary modified] The most frequent changes which may lead to the death of these patients are summarized. With the exclusion of injuries incompatible with life, these are: a) ventilation disturbances, b) increased intracranial pressure. The correct course of action in these cases as well as some diagnostic guidelines are discussed. In summary, X-ray studies are routine in the case of skull injury although they are not urgent in the majority of the cases since they do not decide the fate of the patient. Not the radiological evidence of fracture but disturbances in consciousness and neurological symptoms are decisive as surgical indications. X-rays may be helpful for the selection of the site for trephination if they can be taken without loss of time or extensive movement of the injured. The intrathecal administration of antibiotics can be a fatal mistake as it may lead to status epilepticus. Posttraumatic abdominal complaints may be caused by an acute ulcer of acute cholecystitis which occurs not infrequently after skull injuries. The aim of the present article was to provide guidance for the avoidance of the most frequently occurring therapeutic mistakes. No references.



SZANTO, Gyorgy; SZILAGYI, Alajos; THURZO, Endre

The situation and future of the food-industry machine export,  
and the necessary measures to be taken. Elelm ipar 17 no.2:  
46-55 F '63.

1. KOMPLEX Kulkereskedelmi Vallatat (for Szanto). 2. Malomszerelo  
es Gepgyarto Vallatat (for Szilagyi). 3. Gepexport Iroda (for  
Thurzo).

SZANTO, Gyorgyne

"AGRO-troszt" [Agricultural Supply Company]. Mezogazd techn  
1 no.8:1 '61.

SZANTO, Gyorgyne

Labor safety education by the Trade Union of Workers in Commerce,  
Finance and the Catering Industries. Munka 14 no.8:8-9 Ag '64.

1. Chief Inspector, Labor Safety, Trade Union of Workers in Commerce,  
Finance and the Catering Industries, Budapest.

SZANTO, Gyula (Gyor)

Diesel motorcar on side lines. Vasut 12 no.10:20-21  
25 0' '62.

SZANTO, Gy

Importance of raw materials used in the food industry from the viewpoint of creating a reserve of foreign assets. p. 289

(Elelmezési Ipar, Budapest, Vol. 8, no. 10, Oct. 1954)

SO: Monthly List of East European Accessions, (EEAL) LC, Vol. 4, no. 6, Jan. 1955, Uncl

SZANTO, Gyula

Development and some problems of technical education in the food industry. Elelm ipar 13 no.11:355-357 N '59.

1. Elelmezesugyi Miniszterium.

SZANTO, Gyula

Education of technical cadres for the food industry in Hungary. Prum potravin 14 no. 9: 460-462 S '63.

1. Ministerstvo potravinarskeho prumyslu, Budapest, Hungary.

L. J. K. SZANTO, I.

SZANTÓ (I.). A Bükfa rákja mint éghajlati betegség. [Beech canker as a climatic disease.]—*Erdész. kísérl.*, 48, 1-2, pp. 10-31, 1948. [Abs. in *For. Abstr.*, 11, 1, p. 114, 1949.]

A beech disease in Zala county [Hungary] is due to a species of *Nectria*, infection by which originated primarily in bark breaks (in 1920-1) probably caused by an exceptionally warm, dry period in winter and spring, followed by a cool, rainy spell throughout June and July.



33785-66 T/EWP(t)/EWP(1)/ETI IJP(c) JD  
 ACC NR: AT6025147 SOURCE CODE: HU/2504/65/051/01-/0251/0269  
 AUTHOR: Szanto, I. B. (Candidate of technical sciences)  
 ORG: Research Institute for Technical Physics, MTA, Budapest  
 TITLE: Recent developments in line-profile analysis used in x-ray metallography  
 [This paper was presented at the 2nd Hungarian X-ray Diffraction Conference held in Balatonszeplak on 11 June 1964.]  
 SOURCE: Academia scientiarum hungaricae. Acta technica, v. 51, no. 1-2, 1965, 251-269  
 TOPIC TAGS: metallography, x ray application, metal grain-structure  
 ABSTRACT: The general theory of the use of line profile variance as a measure of particle size, domain size, and strain, developed by WILSON, A. J. C., (described in his lecture delivered at the 30 Jul 1962 Symposium on Recent Advances in the Experimental and Theoretical Methods of Crystal Structure Research, Munich, Germany) was discussed and modified. The modifications were illustrated by examples drawn from the field of X-ray metallography. The technique was found to have significant advantages over other currently employed for this purpose owing to its greater sensitivity and better ability of resolution. Its only apparent drawback is that it is relatively insensitive to grain increase in the technically important 0.1 - 10 $\mu$  range. The author thanks Mr. L. Varga, who contributed to the advancement of the variance method with numerous valuable comments and solved several details of the problem. The author also thanks Mr. B. Uhrin, Fellow of the Computer Center, Hungarian Academy of Sciences, who prepared the computer programs and directed the actual calculations with great competence. Orig. art. has: 10 figures and 24 formulas. [Orig. art. in Eng.] [JPRS: 33,544]  
 SUB CODE: 11, 20 / SUBM DATE: 11Dec64 / ORIG REF: 003 / OTH REF: 015  
 Card 1/1 *LVB* 0076 2562

SZANTO, I.

HEAVY

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SZANTO, I.

SZANTO, I. - Gep - Vol. 6, no. 12, Dec. 1954.

Practical applications of X-ray diffraction methods in testing materials. p. 545.

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

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The determination of high-purity  $\alpha$ -chloroethyl acetate  
Alers. I. Sants (Pech. Univ. Moscow) *Nov. 1976*

*of ROW*

SZANTO, I.

Problems of determination with a precision lattice parameter in research on -titanium; also, remarks by J. Pocza and others. p.233  
Vol. 16, no. 2/4, 1955. Budapest, Hungary, KOZLEMENYEI.

SOURCE: Monthly list of East European Accessions, (EEAL), LC, Vol. 5, No. 3, March, 1956

SZANIC, I.

SZANIC, I. William Home-Rothery's Electrons, Atoms, Metals, and Alloys; a book  
review. p. (30 of cover.

No. 24, Dec. 1955.

MUSZAKI ELET.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol: 5, No. 5, May 1956

SZANTO, I., and HARDY, G., Central Chemical Research Institute Hungarian AS, Budapest

"Kinetics and Mechanism of Polymerization of Some Vinyl Compounds in the Presence of Some Allylic Compounds," a paper submitted at the International Symposium on Macromolecular Chemistry, 9-15 Sep 1957, Prague.

Distr: 4E2c

79. A nomographic method for evaluating <sup>21</sup>X-ray back-reflection patterns used in the computation of residual stresses in steels. (In English) L. S. Szántó. *Periodica Polytechnica, Engineering*. Vol. 7, 1957, No. 2, pp. 87-101, 5 figs., 5 tabs.

If requirements are not too high the choice of a graphic procedure for evaluating back-reflection patterns obtained during X-ray stress analysis appears to be advisable. Determination by this method is rapid, simple and sufficiently accurate. No errors of an order of magnitude can be committed in the evaluation. After giving a brief outline of the theoretical considerations of the interpretation, diagrams are published showing their actual method of application by a practical example. Tables are provided for plotting the nomograms giving the values necessary for different X-ray radiation types and the accuracy attainable during different exposure conditions. In conclusion an error analysis dealing with those features of the graphic evaluation procedure which may limit the inherent uncertainties of the measurement is presented.

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SZANTO, I.S.

The characterization of lattice distortion spectra with deformation indices. Acta techn Hung 32 no.1/2:65-92 '61. (EEAI 10:5)

1. Department for Mechanical Technology, Budapest, Technical University.

(Strains and stresses) (Lattice theory) (X rays)

I.S. Szanto

80. Some observations concerning background scatter on X-ray patterns and their utilization for line profile correction. (In English) I. S. Szanto, *Periodica Polytechnica, Engineering*, Vol. 1, 1957, No. 3, pp. 175-192, 11 figs., 1 tab.

A brief survey on the different kinds of X-ray scatter and the possibilities of their elimination or reduction is published. It has been established that in film recording characteristic scatter can hardly be avoided. Therefore the idea has been evolved not to eliminate background scatter but to utilize it for an up-to-date evaluation method of line profiles. Several experiments were executed to determine to what extent the different parameters of X-ray techniques influence the slope angle of background scatter level and conjointly with this the magnitude of the shift obtained in ordinate points of line profiles. The effect of variables has been set down mathematically by considering geometrical and partly conditions of X-ray-optics. Computed curves of background scatter show satisfactory agreement with empirical diagrams. The first derivative of the scatter function may be used as a reference basis in the so-called zeta-correction method used for the comparative evaluation of line profiles. The correlation procedure described has led to a semi-quantitative X-ray method for measuring lattice strain. In conclusion an illustrative example is given.

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SZANTO, Istvan

Development of the X-ray diffractometric measuring methods of deformation and residual stresses to be found in metal structures.  
Meres atuomat 8 no.3:66-74 '60.

1. Budapesti Muszaki Egyetem Mechanikai Technologiai Intezet.

SZANTO, I. S., Dr. Techn (Budapest)

Break-free determination of brittleness of metallic materials in machine construction. Acta techn Hung 35/36:237-253 '61

1. Forschungsinstitut der techn. Physik, Ungarische Akademie der Wissenschaften.

Distr: 4E2c(j)

5  
2-JAT (NB) (MAY)

Investigation of the structure of three-dimensional polymers. István Szántó and Mrs. Vilmos Furst (Magyar Tudományos Akad. Központi Kém. Kutató Intézet, Budapest, Hung.). Magyar Tudományos Akad. Kém. Tudományok Osztályának Közleményei 12, 315-21(1959).—Copolymers of monovinyl compds. and diallyl acetals were prepd. and the sol-gel relations detd. Diallyl formal (DAF) and diallyl acetal (DAA) were copolymerized with styrene

(St), methyl methacrylate (MMA), and vinyl acetate (VAc). Acetal bridges were detd. after acid hydrolysis by  $\text{NH}_4\text{OH}$  titration of the  $\text{CH}_2\text{O}$  formed. In the PVAc-DAA system the gel content, after reaching a weak max., decreased rapidly to zero in case of 0.2 mol. % DAA. Diallyl acetals form 3-dimensional polymers only with VAc. J. Császár

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USHAKOV, S.N., prof. (Leningrad); SZANTO, Istvan (Budapest)

Investigations on crosslinked polymers. I. Preparation of crosslinked polyvinyl acetate and polyvinyl alcohol, and characterization of their properties. Acta chimica Hung 24 no.3:343-356 '60. (EEAI 10:3)

1. Technological Institute, L.T.I., Leningrad (for Ushakov). 2. Central Research Institute for Chemistry, Hungarian Academy of Sciences, Budapest (for Szanto)

(Polymers and polymerization)	(Vinyl alcohol)
(Vinyl acetate)	(Formaldehyde) (Acetals)
(Butyraldehyde)	(Aldehydes) (Acetates)

SZANTO, Istvan, a muszaki tudományok kandidátusa

Description of grid deformation spectra by means of deformation indexes. Muszaki közl MTA 19 no.1/4:50-64 '61.

SZANTO, Istvan, dr., a muszaki tudományok kandidátusa

Nondestructive determination of the susceptibility to brittleness  
of structural materials used in the machine building. Gep 14:  
no.12:449-454 D '62.



SZANTO, Istvan, a muszaki tudományok kandidátusa

Investigating the flow limit phenomenon of steels by means of a new method, i.e. by indicating lattice distortions. Muszaki közl MTA 30 no.1/4:171-184 '62.

1. Budapesti Műszaki Egyetem, Mechanikai Technológiai Intézet.  
Jelenlegi cím: Magyar Tudományos Akadémia Műszaki Fizikai Kutató Intézete, Budapest.

ERDEY-GRUZ, Tibor, akadémikus; DABRONAKI, Gyula, dr.; FODOR, György, dr.;  
KOCZOR, István; KORANYI, György, a kémiai tudományok doktora;  
LORINC, Imre, a kémiai tudományok kandidátusa; SZEKERES, Gábor,  
dr.; PILLICH, Lajos, főmérnök; PURMAN, Jenő; SZANTAY, Csaba,  
a kémiai tudományok kandidátusa; SZANTO, István, dr., a kémiai  
tudományok kandidátusa; TOROK, Gábor, a kémiai tudományok doktora

Report of the Board of the Department of Chemical Sciences,  
Hungarian Academy of Sciences. Kem tud kozl MTA 20 no. 2:139-  
198 '63.

1. Magyar Tudományos Akadémia Kémiai Tudományok Osztálya titkára; "A Magyar Tudományos Akadémia Kémiai Tudományok Osztályának Közleményei" szerkesztője (for Erdey-Gruz).
2. Elelmezésügyi miniszter első helyettese (for Dabronaki).
3. Tiszai Vegyi Kombinat igazgatója (for Fodor).
4. Szerves Vegyipari Kutató Intézet igazgatója (for Koczor).
5. Nehezevegypari Kutató Intézet igazgatója (for Koranyi).
6. Nehezeipari miniszter helyettese (for Lorinc).
7. Kobányai Gyógyszerárugyar (for Pillich).
8. Nehezeipari Minisztérium főosztályvezetője (for Purman).
9. Akadémiai Alkaloidkémiai Kutató Csoport (for Szantay).
10. Bernetel Vegyiművek igazgatója (for Szanto).

SZANTO, Istvan

"Practical handbook on refrigerating machinery" by Jozsef  
Villanyi. Reviewed by Istvan Szanto. Gep 16 no. 2: 79  
F '64.

SZANTO, Istvan, a muszaki tudományok kandidátusa

Role of variable parameters in the continuous X-ray analysis of phenomena of structural conversion. Muszaki közl MT<sup>A</sup> 34 no.4:435-441 '65.

1. Research Institute of Technical Physics of the Hungarian Academy of Sciences, Budapest. Submitted May 30, 1963.

L 34968-66 T/EWP(t)/ETI IJP(c) JD  
ACC NR: AP6026655 SOURCE CODE: HU/0014/65/098/011/04,95/0501

AUTHOR: Szanto, Istvan (Doctor; Candidate of technical sciences)

ORG: Research Institute for Technical Physics, Hungarian Academy of Sciences  
(Magyar Tudományos Akademia Muszaki-Fizikai Kutato Intezete)

TITLE: Principles of x-ray-diffraction microscopy and its function in material-structure research

SOURCE: Kohaszati lapok, v. 98, no. 11, 1965, 495-501

TOPIC TAGS: x-ray diffraction, microscopy

ABSTRACT: The following subjects were discussed in a general manner: Principles of X-ray diffraction microscopy, conventional test arrangements and a survey of their respective advantages and disadvantages, explanation of contrast formation, the Lang technique (LANG, A. R.; Acta Cryst., Vol 12, 1959, p 249), the technique described by Borrmann and Schwutte (BORRMANN, G.; Physik. Z., Vol 42, 1941, p 157 and Z.Phys., Vol 127, 1950, p 297; SCHWUTKE, G. H.; Journal Appl. Phys., Vol 33, 1962, p 2760), a comparison of the two techniques, and resolution problems. Orig. art. has: 10 figures. [JPRS: 33,732]

SUB CODE: 20 / SUBM DATE: none / OTH REF: 016

Card 1/1 JS

UDC: 620.18:539.26

L 37018-66 EWP(1) JT

ACC NR: AP6027052

SOURCE CODE: 0036/66/073/003/0182/0187

AUTHOR: Geleji, Sandor (Academician; Professor); Szanto, Istvan (Candidate of technical sciences; Scientific chief collaborator)

59  
57  
B

ORG: Geleji Technical University of Heavy Industry, Miskolc (Muszaki Nehezipari Egyetem); Szanto Research Institute of Technical Physics, MTA (Magyar Tudományos Akademia, Muszaki Fizikai Kutato Intezet)

TITLE: Three years activity of the coordination committees

SOURCE: Magyar tudomany, v. 73, no. 3, 1966, 182-187

TOPIC TAGS: scientific program, metallurgy, solid state physics, flow analysis

ABSTRACT: The Council on Science and Higher Education (Tudomanyos es Felsőoktatási Tanács) with its coordinating committees was established as an advisory organ on the basis of governmental regulation No 2007/1962 concerned with the National Long-Range Scientific Plan. The present article describes the work of the coordinating committee for main project No 17 which is under the chief authority of the Hungarian Academy of Sciences and is directly supervised by Department VI of the Academy. The function of the committee was started with the setting up of a plan for the project. Its further tasks include the recommendation of research projects to institutes, coordination of the related projects of different institutes, the control

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of the research results and the advancement or concentration of research programs. In the present report, the general status of the project is described. The project includes three earlier ones (No 24, 27 and 30). These were: the theoretical and applied technical study of metals; research in the fields of technical mechanics, solid state and material testing; and the problems of gas and liquid flow phenomena. On a nationwide basis, 28 institutes participate in main project No 17. These include 18 departments at technical universities, a laboratory of the Ministry of Metallurgical and Machine Industry, the research laboratories of the Ganz-Mavag Factory and some other places of industrial research. A total of 106 projects have been under investigation, divided into 17 groups. Some of these are mentioned. In addition, the methods used in coordination, the critical evaluation of the field of the main project and certain suggestions are discussed in some detail. [JPRS]

SUB CODE: 05, 20, 11 / SUBM DATE: none

LS

Card 2/2

*SZANTO, I.*

MARGITAY-BECHT, Denes; SZANTO, Ignac

Colpophotography. Magy. noorv. lap. 20 no.6:337-346 Dec 57.

1. Fovarosi Terhesgondozo Intezetek kozlemenye (foorvos: Margitay-Becht Denes).

(ENDOSCOPY

colpophotography, appar. & technic (Hun))



KEMENY, Pal, dr.; HODOSI, Julia, dr.; SZANTO, Imre, dr.

Treatment of sustained convulsions in childhood with N<sub>2</sub>O  
anesthesia. (Preliminary report). Orv. hetil. 105 no.15:  
681-683 12 Ap'64

1. XIII. Tanaos VB., Madarasz uti Gsecsemo es Gyermekkorhas.

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SZANTO, Imre; BODIS, Istvan

Problems of congenital familial methemoglobinemia, based on a personal case. Orv. hetil. 95 no.35:946-950 29 Aug 54.

1. A Budapesti Orvostudományi Egyetem Sebészeti Anatómiai és  
Műtettani Intézetének (igazgató: nagy Deneš dr. egyetemi docens)  
és Mikrobiológiai Intézetének (igazgató: Alföldy Zoltán dr. egyet.  
tanár, az orvosi tudományok kandidátusa) közleménye  
(METHEMOGLOBINEMIA  
congen. familiar)

KARADY, Gyorgy, Dr.; SZANTO, Imre, Dr.

Subcostosternal diaphragmatic hernias. *Magy. sebeszet* 11 no.2:100-114  
Apr-June 58.

1. A Budapesti Orvostudományi Egyetem III. sz. Sebészeti Klinikájának  
közleménye Igazgató: Rubanyi Pal dr. egyetemi tanár.

(HERNIA, DIAPHRAGMATIC

subcostosternal, etiol., pathogen. & clin. aspects (Hun))

DIMITROV-SZOKODI, Daniel, dr.; KELEMEN, Endre, dr.; GYARMATHY, Jeno, dr.;  
SZANTO, Imre, dr.

On alveolar-cell cancer as a diagnostic problem. Magy. onkol. 6 no.1:  
34-40 Mr '62.

1. Balassa Janos Korhaz II sz. Sebészeti osztaly es Korbonctani  
osztaly.

(LUNG NEOPLASMS diag)

DIMITROV-SZOKODI, Daniel, dr.; GYARMATY, Jenó, dr.; SZANTÓ, Imre, dr.

Simultaneous use of Degranol (orally and parenterally) with surgery for malignant tumors. Magy. onkol. 6 no.3:142-146 Ag '62.

1. Balassa János Korház II. sz. Sebészeti Osztály közleménye.  
(MANNOMUSTINE) (INTESTINAL NEOPLASMS)  
(BREAST NEOPLASMS) (LUNG NEOPLASMS) (RECTAL NEOPLASMS)  
(SURGERY, OPERATIVE)

SZANTO, Janos

Conference on the problems of furane based core binders. Koh  
lap 97 no.11:Suppl:Ontode 15 no.11:262 N '64.

L 44634-66 WW  
ACC NR: AP6033120

SOURCE CODE: HU/0012/65/013/010/0300/0307

AUTHOR: Szanto, Istvan--Santo, I. (Doctor); Varga, Laszlo

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8

ORG: Research Institute for Technical Physics, Hungarian Academy of Sciences  
(Magyar Tudomanyos Akademia, Muszaki Fizikai Kutato Intezet)

TITLE: Method for the exact setting of x ray diffractometers [This paper was presented at the 2nd X-ray Diffraction Conference held 11 June 1964.]

SOURCE: Meres es automatika, v. 13, no. 10, 1965, 300-307

TOPIC TAGS: goniometer, x ray diffraction

ABSTRACT: The method described involves a precise sequence for establishing the exact geometrical positions and dimensions for the conditions given to effect precise adjustments on X-ray diffractometers. The operations involved were described by discussing the adjusting procedure for a Hilger X-ray diffractometer, although the technique is suitable for other makes also. The individual steps include verification of the parallelity of the axis-slit system, paralleling the axis-line focus system, making the plane of the goniometer circle symmetrical, zeroing the angle-scale, making the divergence slits symmetrical, zeroing the sample holder, setting the radius of the goniometer circle, and ensuring that the slit systems are interchangeable. Orig. art. has: 20 figures. [JPRS: 33,545]

SUB CODE: 20 / SUBM DATE: 17Dec64 / ORIG REF: 002 / SOV REF: 001  
OTH REF: 006

Card 1/1 blg

UDC: 681.2:537.531:535.852.67:681.2

0920 0674

SZANTO, J.

SCIENCE

Periodicals: BIOLOGIA Vol. 10, no. 6, 1955

SZANTO, J. Determination of the virus ectromelia by means of  
tissue cultures. p. 684.

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



SZANTO, J.

SCIENCE

Periodicals: BIOLOGIA Vol. 10, no. 6, 1955

SZANTO, J. Cytomorphologic changes of fibroblasts in tissue cultures caused by virus vaccines. p. 691.

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

MORNSTEINOVA, D.; SZANTO, J.

Experience with isolation of viruses of epidemic hepatitis.  
Bratisl. lek. listy 35 no.6:321-330 1955.

1. Z Virologickeho ustavu CSAV v Bratislave, riaditel  
akademik D. Blaskovic.

(HEPATITIS, INFECTIOUS, virus,  
isolation.)

(VIRUSES,  
hepatitis, infect., isolation.)

EXCERPTA MEDICA Sec.4 Vol.9/11 Microbiology, etc. Nov 56

2770. SZÁNTÓ J. Československá Akad. Věd, Virol. Ústav, Bratislava. •Titrácia vírusu chřipky v tkanivových kultúrach. Titration of the influenza virus in tissue cultures ČSL. MIKROBIOL. 1956, 1/1 (41-46)  
Tables 3

There was confirmed a lower titre of the PR8 influenza strain in suspended tissue cultures than by titrations in roller-tube tissue cultures, which on the other hand were lower than titres obtained in chick embryos. For suspended tissue cultures were used chorioallantoic membranes of 10-11 and for tissue cultures in roller-tubes 10-16-day-old chick embryos. The advantage of titrations in tissue cultures is emphasized.  
Strauss - Prague

SZÁNTÓ, J.

1142: Dynamics of reproduction of influenza virus in tissue  
cultures in roller tubes. J. Szántó and M. Valentová. Československá  
1958 1 227-234 (Czechoslovakian Acad. Véd. Virologický ústav.  
In tissue cultures of chorioallantoic

2

SZANTO-J

✓ Titration of the grippe virus in tissue cultures. J. Szántó  
(Virus Inst., Bratislava, Czech.). *Folia Biol.* 2, 79-83  
(1950)(in Russian)(English summary). G. M. K. *MMK*

1

WANT, J.

"Quantitative titration of viruses in singlelayer tissue cultures." p. 397.

Institute of Biology, (Czechoslovak Academy of Sciences.) Vol. 2, no. 3, 1957

SO: Monthly Index of <sup>EAST</sup> European Accession (EEAI) LC, Vol. 7, No. 5 May 1958

HUNGARY / Chemical Technology. Chemical Products. H  
Drugs. Vitamins. Antibiotics.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68454

Author : Molnar I., Szanto J.

Inst : Not given.

Title : Determination of Cyanides in Water Extracts Con-  
taining Cobalamine.

Orig Pub: Acta pharmac. hung., 1957, 27, No 1-2, 41-44.

Abstract: A direct determination of cyanides in the analyzed extract is not possible because of the presence of coloring substances and impurities. A method is described, whereby an analyzed solution is acidified with sulfuric acid up to 4 pH (indicator-dimethyl yellow) followed by the displacement of HCN with nitrogen (the appropriately purified  $N_2$  is bubbled through the solution heated to 90-95° for

Card 1/2

59

HUNGARY / Chemical Technology. Chemical Products. H  
Drugs. Vitamins. Antibiotics.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68454.

Abstract: 4 hours at the rate of 5-6 l/hr.) by absorption in 0.1 normal solution of NaOH (100cc), by conversion into  $B_7CN$  (Schulek E., Analyt. chim. Acta, 1948, 2, 74), and an iodometrical test. The described method is used as the check of the completeness of cyanide removal from solutions determined according to Pettet's method (Ref. Zhur-Khimiya, 1956, 40638).

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HORVATH, I.; MAGYAR, K.; GADO, I.; SZANTO, J.; VADKERTY, T.

The influence of iron upon oxytetracycline production by *Streptomyces rimosus*. Acta microb. hung. 5 no.3:253-260 1958.

1. Research Institute of the Pharmaceutical Industry, Budapest.  
(IRON, eff.

on oxytetracycline prod. by *Streptomyces rimosus*)  
(OXYTETRACYCLINE, metab.

*Streptomyces rimosus*, eff. of iron on prod.)

(STREPTOMYCES, eff. of drugs on

iron on oxytetracycline prod. in *Streptomyces rimosus*)



SLANTO, J.

SCIENCE

SLANTO, J. Five years of the Institute of Virology of the Czechoslovak  
Academy of Sciences. p. 392.

Vol. 13, No. 4, 1958.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. '58

BEZANTO, J. VALENKOVA, N

"Application of Horvath's method of modifying tissue cultures for the purpose of the titration of influenza virus."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 13, no. 6, 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59  
Uncles

SZANTO, J.

Experiments on the long-term cultivation of human embryonic and animal cells. Acta virol. Engl. Ed., Praha 3(Supplem.):35-39 1959.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.  
(TISSUE CULTURE)

SZANTO, J.

RATOVA, V. [Ráthová, V.]; KOCHISHKOVA, D. [Kocišková, D.]; SANTO, Ya. [Szántó, J.]; LAUCHIKOVA, O. [Lauciková, O.]; GANA, L. [Hána, L.]

Some properties of the virus-neutralizing factor of normal animal sera. Vop.virus. 4 no.6:717-723 N-D '59. (MIRA 13:3)

1. Institut virusologii Chekhoslovenskoy akademii nauk, Bratislava.  
(VIRUSES)  
(IMMUNITY)

SZANTO, J.

Stable cell strains from rabbit and rat lung tissue, suitable for the propagation of herpes simplex virus. Acta virol. Engl. Ed. Praha 4 no.6:380-382 N°60.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(HERPES virol)

SZANTO, J.; LAUCIKOVA, Olga; KOCISKOVA, Dagmar; RATHOVA, Vojta

Preparation of anti-inhibitor serum and its effect on the multiplication of influenza virus. Folia microbiol 5 no.2:105-110 Mr '60.  
(EEAI 9:7)

1. Institute of Virology, Czechoslovak Academy of Sciences, Prague.  
(INFLUENZA)  
(VIRUSES)  
(SERUM)

KRIZANOVA-LAUGIKOVA, O.; SZANTO, J.; KOCISKOVA, D.; RUTTKAY-NEDECKY, G.;  
SOKOL, F.

Differences in the properties of two inhibitors against avid A2  
influenza virus strains from horse serum. Acta virol. Engl. Ed. Praha  
5 no.1:12-18 Ja '61.

1. Institute of Virology, Czechoslovak Academy of Sciences,  
Bratislava.

(INFLUENZA VIRUSES immunol)  
(BLOOD PROTEINS chem)

KRIZANOVA-LAUCIKOVA, O.; SZANTO, J.; KOCISKOVA, D.

Purification and some properties of the thermostable inhibitor  
against Avid A2 influenza virus from horse serum, Acta virol.  
Engl.Ed.Praha 5 no.1:4-11 Ja '61.

1. Institute of Virology, Czechoslovak Academy of Sciences,  
Bratislava.

(INFLUENZA VIRUSES immunol)  
(BLOOD PROTEINS chem)



SZANTO, Jan.

Isolation of cellular strains from rat and rabbit pulmonary tissues.  
II. Multiplication and cytopathogenic effect of herpes simplex  
viruses. Cesk.epidem.mikrob.imun.10 no.1:11-17 Ja '61.

1. Virologicky ustav CSAV v Bratislave.  
(HERPES virol)  
(LUNGS pathol)

ALBRECHT, P.; KRIZANOVA, O.; SZANTO, J.

Location of influenza virus haemagglutination inhibitor demonstrated  
in chick embryo cells by fluorescent antibodies. Acta virol. Engl. Ed.  
Praha 5 no.4:232-235 J1 '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(INFLUENZA immunol) (HEMAGGLUTINATION)

SZANTO, J.; KRIZANOVA, O.; LINK, F.

Interaction of gamma-inhibitor with A2 influenza virus. Acta virol.  
6:524-530 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.  
(INFLUENZA VIRUSES) (HEMAGGLUTINATION INHIBITION TESTS)

SZANTO, J.

Course of persistent infection of HeLa and Detroit 6 cells  
with herpes simplex virus. Acta virol. (Praha)[Eng] 7 no.5:  
385-392 S '63.

1. Institute of Virology, Czechoslovak Academy of Sciences,  
Bratislava.

(HERPESVIRUS HOMINIS) (TISSUE CULTURE)  
(VIRUS CULTIVATION)

KRIZANOVA, O.; RATHOVA, V.; KOCISKOVA, D.; SZANTO, J.

Purification and properties of beta inhibitor from bovine serum. Bratisl. lek. listy 43 no.1:22-30 '63.

1. Virologický ústav CSAV v Bratislave, riaditeľ akademik D. Blaskovic.

(IMMUNE SERUMS) (CHROMATOGRAPHY)  
(INFLUENZA VIRUSES) (ANTIVIRAL AGENTS)

LINK, F.; SZANTO, J.; KRIZANOVA, O.

A quantitative assay of the in vivo protective effect of gamma-inhibitor against inhibitor-sensitive A2 influenza virus strains. Acta virol (Praha) [Engl] 8 no.1:71-75 Ja'64.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

\*

BLASKOVIC, D.; SZANTO, J.; ALBRECHT, P.; SADECKY, E.; LACKOVIC, V.

Demonstration of swine influenza virus in pigs by the  
fluorescent antibody method. Acta virol. 8 no.5:401-  
409 S '64.

1. Institute of Virology, Czechoslovak Academy of Sciences,  
Bratislava.

SZANTO, J.

Passaging in chick embryos of Newcastle disease virus from persistently infected HeLa cell cultures. Acta virol. (Praha) [Eng.] 9 no.1:47-54 Ja '65

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.



DAVANKOV, A.B.; SANTO, Y. [Szanto, J.]

Determination of the ion exchange capacity of ion exchangers by means of a high-frequency titrimeter. Zav.lab. 29 no.11:1304-1306 '63. (MIRA 16:12)

1. Moskovskiy khimiko-tehnologicheskii institut im. D.I.Mendeleyeva.

SZANTO, J.; ALBRECHT, P.; VILCEK, J.

Investigations on latent infection in the HeLa cell -- Newcastle disease virus system. Acta virol. 7 no.4:297-307 J1 '63.

1. Institute of Virology, Czechoslovak Academy of Sciences,  
Bratislava.

(TISSUE CULTURE) (NEWCASTLE DISEASE VIRUS)  
(HEMAGGLUTINATION) (FLUORESCENT ANTIBODY TECHNIC)  
(HERPESVIRUS HOMINIS)

KOZESNIK, Jaroslav, akademik; BLASKOVIC, Dionyz, akademik; KOJMAN, Arnost, akademik; MACURA, Jiri, dr.; VANA, Josef; GOSIOROVSKY, Milos; BOHM, Jaroslav, akademik; PROCHAZKA, Jaroslav, prof., dr.; HAMPEJS, Zdenek, dr.; BRABEC, Frantisek, prof, inz., dr.; SORM, Frantisek, akademik; NOVAK, Josef, akademik; NEUMANN, Jaromir, doc., dr.; BAZANT, Vladimir, inz., dr.; KOUNOVSKY, Bohumil, dr.; SZANTO, Jan, dr.; ROZSIVAL, Miroslav, dr.; KASPAR, Jan, dr.; HANKA, Ladislav, prof., inz.; STRNAD, Julius; WICHTERLE, Otto, akademik; ZATOPEK, Alois; JAVORNICKY, Jan, inz.; VAVRA, Jaroslav, dr.; BLATTNY, Ctibor, akademik; ONDRIS, Karol, dr.; KUKAL, Vaclav, inz.

The 22d Congress of the Communist Party of the Soviet Union and the tasks of Czechoslovak science; discussion. Vestnik CSAV 71 no.1:3-59 '62.

1. Hlavni vedecky sekretar Ceskoslovenske akademie ved (for Kozesnik).
2. Clen korespondent Ceskoslovenske akademie ved (for Vana, Gosiorovsky, Kaspar, Strnad, Zatopek).
3. Rektor Karlovy university (for Prochazka).
4. Rektor Ceskeho vysokeho uceni technickeho (for Brabec).
5. Namestek presidenta Ceskoslovenske akademie ved (for Sorm)

NADRAI, Andor, dr.; SZANTO, Jozsef, dr.

Rheumatic pneumonia. Gyermekgyogyaszat 12 no.8:245-252 Ag '61.

1. A Budapesti Orvostudományegyetem II sz. Gyermekklinikájának  
(igazgató: Petenyi Géza dr. egyetemi tanár) közleménye.

(PNEUMONIA etiol) (RHEUMATISM compl)