APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

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TARJAN, I.; MATRAI, M.

TARJAN, I.; MATRAI, M. Demonstration of the vertical plane. p. 116.

Vol. 5, no. 4, July 1955
FIZIKAI SZEMLE
SCIENCE
HUNGARY

So: East European Accessions, Vol. 5, No. 9, Sept. 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.

Category : HUNGARY/Solid State Physics - Morphology of Crystals. Crystallization E-7

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3928

Author : Tarjan, I., Turchanyi, Gu.
Inst : Roland-Eötvös University, Budapest, Hungary.
Title : Technical Remarks Concerning the Growth of Monocrystals from a Melt.

Orig Pub : Acta phys. Acad. sci. hung., 1956, 5, No 4, 533-535

Abstract : Description of several practical methods of improving the growth of monocrystlas of NaI (Tl) from a melt using the Bridgeman and Kyropoulos methods. For the Bridgeman method, the authors proposed such a shape for the end of the capillary portion of the tube, causing the cleavage plane to orient itslef perpendicular to the axis of the crystal. To prevent formation of stresses in the specimen, usually produced during the cooling by the difference in the coefficient of thermal expansion of the tube and that of the crystal, it is recommended that the crystal be molten off the tube immediately after the end of the crystallization (for this purpose the hotter portion of the furnace is moved on) and to move the crystal to the opposite, expanded portion of the tube. In the wide

Card : 1/2

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Category : HUNGARY/Solid State Physics - Morphology of Crystals. Crystallization E-7

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3928

portion, the crystal will touch the walls of the vessel only in the few points, and the cooling will occur freely, without compression. Using the Kyropoulos method, better results are obrained if the crucible with the melt, covered with a porcelain cover with a hole through it, is rotated during the growth of the crystal.

Card : 2/2

Category : HUNGARY/Nuclear Physics - General Problems

C-1

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 229

Author : Nagy, Janos and, Tarjan, Imre
Title : Construction of a Laboratory for Radioactive Isotopes

Orig Pub : Magyar epitoipar, 1956, 5, No 6, 274-280

Abstract : No abstract

Card : 1/1

TARJAN, I.

HUNGARY/Solid State Physics - Morphology of Crystals. Crystallization.

E-8

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11846

Author : Tarjan, I., Turchanyi, Gy.

Inst : Medical University, Budapest, Hungary.

Title : Remarks Concerning the Nacken-Dyropoulos Methods of Growing Crystals.

Orig Pub : Acta phys. Acad. sci. hung., 1956, 6, No 2, 339-340

Abstract : Description of an experiment on the growth of a NaCl crystal with periodic rocking of the crystal and the melt with subsequent stoppages. During the rocking of the crystal, the crystal is located in a stream of liquid that is alternately higher and lower in temperature, thus preventing regualr formation of an isothermal surface with the melting temperature. During the standstill period one obtains a

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre, dr.

Radioactive isotopes; physical fundamentals. Orv. hetil. 97 no. 34:925-930 19 Aug 56.

(ISOTOPES
phys. properties & use in tracer studies (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre, dr.; GERGELY, Rezso, dr.; VOSZKA, Rudolf; BOTAR, Gyorgy, dr.

Explosion dangers in anesthesia. Orv. hetil. 97 no.36:993-996 2 Sept 56.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak (igazgato: Hedri, Endre, dr. egyet. tanar) es Orvosi Fizikai Intezetenek (Igazgato: Tarjan, Imre, dr. egyet. tanar) kozlemenye.

(ANESTHESIA, compl.
explosion in operating room, causes & role of static electricity (Hun))
(ELECTRICITY, inj. eff.
static electricity, explosion in operating room during anesthesia (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

HUNGARY/Physical Chemistry - Crystals.

B-5

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3695

Author : J. Nagy, I. Tarjan.
Inst : Academy of Sciences of Hungaria.
Title : Artificial Growing of Quartz Crystals.

Orig Pub: Acta phys. Acad. sci. hung., 1957, 6, No 3-4, 485-488.

Abstract: The results of 12 experiments of growing quartz in autoclaves 28 cm long and 1.9 cm in dia. in aqueous solution of 5% of Na_2CO_3 + 0.4% of KOH on seeding plates of AT cuts are given. The data obtained by the authors correspond satisfactorily to earlier data (Kennedy G., Econ. Geol., 1950, 45, 629). The experiments carried out with various filling (40 to 80%) and at low temperatures showed a monotonous solubility rise together with the temperature. The crystal growth speed under these conditions is insignificant. At low filling and high temperatures, the reciprocal solubility phenomenon was observed in

Card : 1/2

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HUNGARY/Physical Chemistry - Crystals.

B-5

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3695

accordance with Kennedy's data. At mean filling magnitudes and temperatures (these conditions prove to be the most favorable for the industrial growth of quartz crystals), a growth speed of 1 mm per diem along the Z axis was achieved, which was the greatest speed so far obtained according to the authors.

Card : 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

HUNGARY/Solid State Physics - Mechanical Properties of Crystals and Polycrystalline Substances E-10

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 25368

Author : Terjan I., Turchanyi Gy.
Inst : Institute of Physics of the Medical University, Budapest, Hungary
Title : On the Kuznetsov Method of "Mutual Polishing".

Orig Pub : Acta phys. Acad. sci. hung., 1957, 8, No1-2, 261-268

Abstract : The author has investigated the conditions under which the method of mutual polishing of V.D. Kuznetsov are applicable, using as an example NaCl crystals. It has been assumed that the method is correct if equal masses of substance are ground off both surfaces during mutual grinding of faces of equal index, for example (100). Experiments have shown that using grey emery dust "350" at a pressure of 0.25 kg/cm^2 this condition is satisfied with an accuracy of 2%. If surfaces with different indices are ground, then according to V.D. Kuznetsov the mass ground off from the face with a higher

Card : 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY/Solid State Physics - Mechanical Properties of Crystals and Polycrystalline Substances E-10

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 25368

index should be less than the mass ground off the face with the lower index. The experimental results obtained are in qualitative agreement with this rule. The quantitative deviations are evidence, in the author's opinion, that the grinding phenomena are more complicated than is proposed in the theory of V.D. Kuznetsov.

Card : 2/2

HUNGARY/Nuclear Physics - Instruments and Installations. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 26848

Author : Nagy Janos, Tarjan Imre
Inst : Not Given
Title : Instrument With Counting Tube for Measurement of the Contents of I^{131} in the Thyroid Gland of a Living Organism.

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 1, 37-42

Abstract : No abstract

Card : 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.; NAGY, J.

"J^{131}-diagnosis apparatus for thyroid-gland examinations." p. 239.

MAGYAR FIZIKAI FOLYOIRAT. (Magyar Tudomanyos Akademia). Budapest, Hungary, Vol. 6, No. 3, 1958.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

Distr: 4E2c(j)/4E3d

7

3
2-May
2

Production of single anthracene crystals. Imre Turján and Sándor Ujhelyi. *Magyar Fiz. Folyóirat* 3, 383-9 (1955).—Single anthracene crystals for scintillation counters were prepd. in a crucible, which was immersed in a temp. controlled furnace, and filled with O-free H. The anthracene was previously purified by melting it in an O-free atm. at 200-250°. The single crystals were 2.3 cm. in diam. and 5 cm. long. B. Roman

TH
11

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

21

Dry box for the preparation of hygroscopic crystals. Rudolf Vosztka, Imre Tarján, and Gyorgy Turcsányi. *Magyar Kém. Folyóirat* 6, 316-8(1958).—A conventional dry box is described. B. H.

SB

Gil

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.

HUNGARY/Solid State Physics - Phase Transitions in Solids.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 13014

Author : Tarjan, Imre; Turchanyi, Gyorgy; Voszka, Rudolf
Inst : -
Title : Processing and Finishing of Alkali-Halogenide Crystals.

Orig Pub : Magyar fiz folyoirat, 1958, 6, No 4, 379-380

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY/Solid State Physics - Crystallization.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 13063

Author : Tarjan, Imre
Inst : -
Title : Certain Problems of Growing Single Crystals.

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 4, 383-399

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre

The Budapest Institute for Medical Physics. Fiz szemle 8 no.1:25 Ja '58.

1. "Fizikai Szemle" szerkeszte bizottsagi tagja.

*

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre, dr.; VOSZKA, Rudolf

On biological effectiveness of ultraviolet rays. Orv.hetil. 100 no.36:1299-1302 S '59.

1. A Budadapesti Orvasi Fizikai Intezet (igazgato: Tarjan Imre dr. egyeteni tanar) kozlemenye.
(ULTRAVIOLET RAYS effects)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

The dependence of photocurrent from the number of *F* centers in x-irradiated NaCl crystals. Imre Tarjan, Rudolf Voszka, and Agnes Somló. *Magyar Fiz. Folyóirat.* 8, 21-30(1960).—Photocond. as a function of the concn. of *F* centers, N_F, were detd. on natural crystals, and crystals grown from liquid and tempered for 4 weeks at 350°. x-Irradiation was carried out at intervals. After each interval the absorption coeff. and photocurrent were measured at max. *F*-center absorption. The photocurrent has a max. at a certain *F*-center concn., which is lower for natural than for artificial NaCl crystals. The product of quantum efficiency and electron [illegible]cement per unit space charge was calcd. from these [illegible]. Artificial crystals have more defects than natural, and these increase more by x-irradiation. R. Ronai

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

VOSZKA, Rudolf; TARJAN, Imre; TURCHANYI, Gyorgy

On NaJ (Tl) crystals. Magy fiz folyoir 8 no.1:37-46 '60. (EEAI 9:10)
(Thallium) (Sodium iodide)
(Scintillation counters)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

Surface phenomena on tempered NaCl crystals. Magy fiz folyoir 8 no.3: 229-241 '60. (EEAI 10:1)

1. Crvosi Fizikai Intezet, Budapest.
(Salt) (Crystals)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre; VOSZKA, Rudolf; BERKES, Laszlo

The effect of decoloration of natrium chloride crystals roentgenized for photoconductivity. Magy fiz folyoir 8 no.6:519-524 '60. (EEAI 10:5)

1. Orvosi Fizikai Intezet, Budapest.
(Salt) (X rays) (Photoconductivity)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; VOSZKA, Rudolf; TARJAN, Imre

Remarks on the dimensioning of electric wire furnaces. Magy fiz folyoir 8 no.6:525-534 '60. (EEAI 10:5)

1. Orvosi Fizikai Intezet, Budapest.
(Electric furnaces)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.; VOSZKA, R.; SOMLO, A.

The effect of preheat treatment on the photoconductivity of X-ray radiated NaCl crystals. Acta phys Hung 11 no.1:59-69 '60.
(EEAI 9:10)

1. Arztliches Physikalisches Institut, Budapest. Vergelegt von Z.Gyulai.

(X-rays) (Photoconductivity)
(Crystals) (Salt) (Color centers)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

Detection of surface structures. Magy fiz folyoir 9 no.6:409-413 '61.

1. Orvosi Fizikai Intezet, Budapest. 2. Technikai szerkeszto, "Magyar Fizikai Folyoirat" (for Turchanyi).

(Surface chemistry) (Crystallography)
(Salt)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre

Current problems in biophysics. Fiz szemle 11 no.7:195-200 Jl '61.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

SURNAME, Given Names

Country: Hungary

Academic Degrees: Dr.

Affiliation: Director of Physics Institute at the Budapest Medical University (Budapeesti Orvostudományi Egyetem Fizikai Intezete).

Source: Budapest, Orvoskepzes, Vol 36, No 4, Aug 61, pp 288-297

Data: "Recent Problems of Biophysics."

GPO 981643

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJÁN, Imre, a fizikai tudomanyok kandidatusa, egyetemi tanar

The Turnov Conference on Crystal Growing. Magy tud 68 no.12: 764-765 D '61.

1. Budapesti Orvostudomanyi Egyetem.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

G/030/62/002/007/001/004
I030/I230

AUTHORS: Somoló, Á., Tarján, I., and Voszka, R.

TITLE: On the influence of impurities upon the plotoconductivity of NaCl crystals coloured by X-rays

PERIODICAL: Physica status solidi, V.2, no.7, 1962, 829-840

TEXT: The paper evaluates the measured dependence of photoconductivity upon thermal and optical bleaching in radiative coloured NaCl crystals grown in either porcelain (Pc-crystals) or platinum (Pt-crystals) crucibles. Results are plotted as $\frac{1}{\eta w}$ versus N_F. (η is the quantum yield, w the free electron path in unit field, N_F is the concentration of F- centers). The curves obtained characterise the way the crystal was grown and bleached. Differences are due to the relative high OH^- ion concentration in the Pt - crystals. Thermal

Card 1/2

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G/030/62/002/007/001/004
I030/I230

On the influence of impurities....

bleaching curves lie entirely below the colouring curve for Pc-crystals, and partly above partly below for the Pt crystals. Optical bleaching curves for both crystals have a negative slope. Significant differences between Pc crystals and Pt crystals are obtained after resting the samples subsequent to their partial optical bleaching. Absorbtion spectra of the samples were also measured. The results can be explained qualitiatively by assuming a light OH^- concentration in Pt-crystals, and postulating a new colouring process for such crystals, involving the dissociation of OH^-ions under irradiation. There are 15 figures.

ASSOCIATION: Medizinisch-Physikalisches Institut, Budapest (Medical-Physics Institute, Budapest)

SUBMITTED: April 19, 1962

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

NaCl acicular crystals developed from vapor phase. Magy fiz folyoir 11 no.3:197-204 '63.

1. Orvosi Fizikai Intezet, Budapest. 2. "Magyar Fizikai Folyoirat" technikai szerkesztoje (for Turchanyi).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

Material transport occurring in vapor space and its investigation by Na^{24} Cl. Magy fix folyoir 11 no. 6: 453-463 '63.

1. Orvosi Fizikai Intezet, Budapest.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

TARJAN, Ion, Bucharest [affiliation not given]

"Concerning an Interesting Contribution to the Understanding of Vegetative Hybridization."

Bucharest, Natura. Seria Biologie, Vol 15, No 5, Sep-Oct 63, pp 79-82.

Abstract [Author's English summary modified]: A review of a work published by Mathilde Pichenot entitled "On the Existence and Cytoplasmatic Nature of Hereditary Changes Obtained by Grafting Solanaceae" appearing in the Annals of the Faculty of Science of Marseilles. The present author analyzes the article and attempts to clarify some points left unclear; he also interprets the results from the point of view of dialectical materialism.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, okleveles banyagepeszmernok, egyetemi adjunktus

Warming up of the mine air saturated with water vapor.
Bany lap 93 no.4:254-256 Ap '60.

1. Nehezipari Muszaki Egyetem, Banyamernoki Kar, Miskolc.

TARJAN, Ivan, okl. banyagepeszmernok, egyetemi adjunktus

Geothermic, mine climatic and ventilation research in the No. 2 Department of Mining Machinery of the Technical University of the Heavy Industry in 1954-1959 D '61.

1. Nehezipari Muszaki Egyetem, Banyamernoki Kar, Miskolc.

TARJAN, Ivan, okl.banyagepeszmernok,egyetemi adjunktus

Research related to geothermy, mine climate and to ventilation at the 2d Department of Mining Machinery Technical University of the Heavy Industry, Miskolc, during the years from 1954 to 1959. Bany lap 94 no.12:832-837 D '61.

1. Nehezipari Muszaki Egyetem, Banyamernoki Kar, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, dr., okleveles banyagepeszmernok, a muszaki tudomanyok kandidatusa, egyetemi docens

Air duct ventilation in hot mines. Bany Lap 95 no.12:814-820 D '62.

1. Nehezipari Muszaki Egyetem, Banyageptani Tanszek, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, dr., okleveles banyagepeszmernok, a muszaki tudomanyok kandidatusa, egyetemi docens; DEBRECZENI, Elemer, okleveles banyagepeszmernok, egyetemi tanarseged

Methods for the measurement of air volumes in mines. Bany lap 96 no.8:515-521 Ag '63.

1. Nehezipari Muszaki Egyetem Banyageptani Tanszek, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, a muszaki tudomanyok kandidatusa; EMBERCZKI, Elemer

Testing the operation of spoon-shaped anemometers. Musz kozl MTA 34 no.3:233-245 '64.

1. Chair of Mining Machinery, Technical University of Heavy Industry, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I., Cand. of Techn. Sc.

Warming up of wet mine air. Acta techn Hung 49 no.3/4: 297-309 '64.

1. Department for Mine Machinery of the Technical University of Heavy Industry, Miskolc.

Tests

HUNGARY

TARJAN, Jeno, Dr; Medical University of Pecs, II. Medical Clinic (director: HAMORI, Artur, Dr) (Pecsi Orvostudomanyi Egyetem, II. Belklinika).

"A Micro Method for the Rapid Diagnosis of Blood in the Feces, Using Hemotest Paper."

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, pages 368-369.

Abstract: [Author's Hungarian summary] A paper test is recommended for the demonstration of blood in the feces. The paper can be easily prepared by the individual technicians and will give reliable data for months. The test can be carried out rapidly, without laboratory equipment, on a small amount of sample. According to the experiences gained in testing 180 fecal samples, the method is somewhat more sensitive than the Weber reaction. In 1.7 per cent of the cases, there was an uncertain color reaction. 4 Hungarian, 7 Western references.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

GABOS, Gyorgy; TARJAN, Laszlo

National contest entitled "Foundation on Volume-changing Soils" announced by the Ministry of Construction. Magy ep ipar 10 no.6: 259-265 '61.

BARATH, Jeno, dr.; TARJAN, Pongracz, dr.

[redacted]

New trends in the treatment of diseases associated with hypertension. I. Veratrum alkaloid therapy. Orv.hetil. 96 no.16:430-434 17 Apr 55.

1. A Janos Korhaz Hypertonia Osztalanak (igazgato: Bakacs Tibor dr., foorvos: Barath Jeno dr.) kozlemenye.

(HYPERTENSION, therapy,
Veratrum alkaloids)
(VERATRUM ALKALOIDS, therapeutic use,
hypertension)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.; BARATH, Jeno, dr.

New trends in the treatment of hypertension. II. Experimental investigations on two new Hungarian preparations; Hexamethonium, N. 310. Orv. hetil. 96 no.17:468-471 24 Apr 55.

1. A Janos korhaz (igazgato: Bakacs, Tibor dr.) Hypertonia Osztalyanak (foorvos: Barath, Jeno dr.) kozlemenye.

(HYPERTENSION, experimental,
eff. of hexamethonium & ganglion blocking agent N 310.)
(AUTONOMIC DRUGS, effects,
ganglion blocking agent N 310 on exper. hypertension.)
(MUSCLE RELAXANTS, effects,
hexamethonium on exper. hypertension.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.; BARATH, Jeno, dr.

New trends in the treatment of hypertension. II. Experimental investigations on two new Hungarian preparations; Hexamethonium, N. 310. Orv. hetil. 96 no.17:468-471 24 Apr 55.

1. A Janos korhaz (igazgato: Bakacs, Tibor dr.) Hypertonia Osztalyanak (foorvos: Barath, Jeno dr.) kozlemenye.

(HYPERTENSION, experimental,
eff. of hexamethonium & ganglion blocking agent N 310.)
(AUTONOMIC DRUGS, effects,
ganglion blocking agent N 310 on exper. hypertension.)
(MUSCLE RELAXANTS, effects,
hexamethonium on exper. hypertension.)

HUNGARY / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42404.

Author : Barath, J.; ~~Tarjan, P.~~
Inst : Not Given.
Title : New Methods of Hypertension Therapy.

Orig Pub: Orv. Netilap, 1956, 97, No 10, 273-276.

Abstract: Four hundred seven patients were successfully treated with injections of a 10% solution of NaI in doses of 6-10 ml daily. Together with NaI the patients received daily doses of puroverin, serpasil, apresoline or adelphan. In some cases, combination of drugs were prescribed. The best results were noted in hypertensives with severe changes in the fundi and in hypertension of arteriosclerotic origin. The advantages of Na method: side effects are very rare, less puroverin and serpasil is re-

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42404.

Abstract: quired, iodine decreased brady-cardia, caused by serpasil. -- I. Budavari

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.,; KONIG, Marta, dr.

Chemotherapy of hypertension with Rauwolfia alkaloids and hydrazinophthalazine preparations. Orv. hetil. 97 no.22:595-600 27 May 56.

1. A Janos korhaz (igaz. Bakacs Tibor dr.) Hypertonia Osztal. (foorvos. Barath Jeno dr.) kozl.

(HYPERTENSION, ther.
Rauwolfia alkaloids with 1,4-dihydrazinophthalazine & hydralazine, results (Hun))
(RAUWOLFIA ALKALOIDS, ther. use
hypertension, with 1,4-dihydrazinophthalazine & hydralazine, results (Hun))
(SYMPATHOLYTICS, ther. use
1,4-dihydrazinophthalazine & hydralazine, in hypertension, with Rauwolfia alkaloids (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY / Human and Animal Physiology. Excretion. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41484.

Author : Renyi, L.; Tarjan, P.
Inst : Not Given.
Title : A Case of Cushing's Disease Caused by Trauma. (Clinical Course and Etiology).

Orig Pub: Orv. hetilap, 1957, 98, No 10-11, 269-273.

Abstract: A case of fleeting diabetes insipidus following trauma, with subsequent development of Cushing's disease. The course of the disease was marked by severe decalcification of the bones, resembling osteomalacia. At autopsy, marked softening of the bones was noted; histologically- resorption of bone trabeculi with osteoid replacement. Basophilic adenoma in the anterior lobe of the pituitary. The pathogenesis of the disease is apparently

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TEMESVARI, Antal, dr.; LONYAY, Tihamer, dr.; TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.

Replacement of the resected aortic isthmus with a plastic graft. Orv.hetil. 100 no.42:1516-1517 O '59.

1. Az orszogos Kardiclogiai Intezet (igazgato: Gottsegen Gyorgy dr.) Sebeszeti Osztdlyanak (foorvos: Temesvari Antal dr.) es a Fovarosi Janos Korhaz (igazgato: Tako Jozsef dr.) Hypertonia Osztalyanak (foorvos: Barath Jeno dr.) kozlemenye.
(AORTA surg)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

BARATH, Jeno, Dr.; TARJAN, Pongracz, Dr.

Experimental studies on comparative hypotensive properties of a new diuretic drug (dihydrochlorothiazide). Orv. hetil. 100 no.47: 1692-1696 Nov 22, 59.

1. A Budapesti Janos Korhaz (igazgato: Tako Jozsef dr.) Hypertonia Osztalyanak (foorvos: Barath Jeno dr.) kozlemenye.
(DIURETICS, pharmacol.) (ANTIHYPERTENSIVE AGENTS, pharmacol.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

BARATH, Jeno, dr.; TARJAN, Pongrac, dr.

New trends in the drug treatment of diseases with elevated blood pressure. Orv. hetil. 102 no.27:1271-1276 2 Je '61.

1. Janos korhaz, Budapest, Hypertonia Osztaly.

(ANTIHYPERTENSIVE AGENTS ther)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.; BARATH, Jeno, dr.

Experimental studies with vasculat and combined iodine-vasculat in the treatment of arterial disorders with blood supply deficiency. Orv.hetil. 102 no.35:1655-1657 27 Ag '61.

1. Budapesti Janos korhaz, Hypertonia Osztaly.

(SYMPATHOMIMETICS ther) (ARTERIOSCLEROSIS ther)
(HYPERTENSION ther) (CORONARY DISEASE ther)
(IODINE ther)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso

Information theory and physics. Fiz szemle 8 no.2:49-53 F'58

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARYAN, K.

TARYAN, Reshe [Tarjan, Regse], dokter tekhn. nauk (Budapesht); FILANOVSKAYA, Z.A. [translater]

Problems in cybernetics. Priroda 48 no.6:62-68 Je '59. (MIRA 12:5)

(Cybernetics)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso, a muszaki tudomanyok doktora

Hungarian research in the field of cybernetics. Magy tud 67 no.3: 135-151 Mr '60. (EEAI 9:9)

(Hungary--Cybernetics)
(Hungarian Academy of Sciences)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso

First International Congress on Automation. Magy tud. 67 no.11:692-695 N '60. (EEAI 10:4)
(Automatic control) (Hungarians in Russia)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso, a muszaki tudomanyok doktora

Remarks about the question of biological information. Muszaki kozl MTA 31 no.1/4:73-85 '62.

1. Budapesti Muszaki Egyetem Vezetekes Hiradastechnikai Tanszek.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

VARJAN, Rezso, a muszaki tudomanyok doktora, egy.tanar (Budapest)

Mechanization of thinking processes. Magy tud 68 no.10:583-591 O '61.

1. Budapesti Muszaki Egyetem.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HALMOS, Karoly, dr.; TARJAN, Rezso

Fire! Fire! Technika 6 no.9:8-9 S '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HALMOS, Karoly, dr.; TARJAN, Rezso

Fire! Fire! Pt.2. Technika 6 no.10:8-9 O '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso

Information theory and telecommunication technique. Elet tud 17 no.32:995-998 12 Ag '62.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TARJAN, Rezso

Parametric amplifier. Elet tud 18 no.3:88-90 Ja '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

DOBO, Laszlo, dr.; KERTAY, Gyorgy, dr.; TARJAN, Robert; SZEPESVARY, Ivan

Possibilities for developing the gas economy in Hungary. Energia es atom 13 no.3:94-100 Mr '60.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja (for Dobo).

TARJA
(1886)

Orszagos Kozegeszsegugyi Interzet Kozlemenye. Anyatejek vizsgalata Examination of samples of human milk Orvosok Lapja 1947, 3/3 (89-90)

The authors examined 91 samples of human milk to check the accepted international calorific values which they believed to be incorrect. Milk of high and low calorific value was examined and the figures (per 100 ml.) compared with the international mean values.

	Int. mean	Calories Low	Calories High
Specific gravity.....	1023	1027	1021
Anhydrous residue.....	10.9 %	5.2 %	16.6 %
Water.....	89.9 %	94.8 %	83.4 %
Total protein.....	1.3 %	1.9 %	2.6 %
Fats.....	3.6 %	0.4 %	8.6 %
Carbohydrates.....	5.8 %	2.7 %	5.2 %
Salts.....	0.15%	0.19%	0.2 %
Calories.....	60	22.5	110

Babies fed on poor milk receive about a third of the necessary calories, whereas rich milk contains twice the required amount resulting in alimentary disorders of used continually. To avoid difficulties the authors suggest a larger number of central depots ('milk banks') in which the collected human milk can be sotred and periodically analysed.

Arsony - Budapest (Sec. X)

SO: Excerpta Medica, Vol. 11, No. 4, Sect. 11 - April 1949

TARJAN, R.

Problems of dietetics. Orv. hetil. 92 no.18:557-560 6 May 1951.

1. Doctor. 2. Institute of Nutritive Science (Director -- Dr. Robert Tarjan). (CIML 24:5)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, ROBERT

Elelmezes es gyogyelelmezes. Irtak Tarjan Robert, Soos Aladar, Somogyi Laszlone. Budapest, Elelmezesugyi Kiado 1952, 192 p. (Nutrition and dietetics. illus., tables)

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJÁN R.
(4110)

Elelmezéstud. Intezet, Budapest, Hungary. *Táplálkozás és csontrendszer. (I. A táplálékkal bevitt oldható oxalát hatása kisérleti patkányok csontrendszerének fejlődésére). Nutrition and the skeleton (I). Effect of soluble oxalate of the food on skeletal development in the rat KISERL.ORVOSTUD. 1953, 5/6 (429-433) Graphs 1 Tables 3

SO: Excerpta Medica, Vol. 7, No. 8, Sec. II Aug. 54

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN R., SÁNDI, E. and DEÁK, P.

Inst. für Ernährungswissensch., Budapest. *Versuche zur in vivo-Bestimmung des Mineralstoffgehaltes im Knochensystem. Attempted in-vivo determination of the mineral content of the skeleton ACTA PHYSIOL. ACAD. SCIENT HUNG. (Budapest)1954, 5/suppl. (38)

SO: Excerpta Medica Section II Vol 7 N. 12

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Robert, dr.

Development and present status of communal feeding. Nepegeszsegugy 35 no.12:330-334 Dec 54.

1. Kozlemeny az Orszagos Elelmezes- es Taplalkozastudomanyi Intezetbol (igazgato: Tarjan Robert dr.)
(NUTRITION
in Hungary, hyg. aspects)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Robertne; KASSAI, Stefania, dr.

Effect of continuous administration of ascorbic acid in industrial workers. Orv hetil 95 no.21:577-580 My '54. (EEAL 3:8)

1. Az Orszagos munkaegeszsegugyi Intezet (igazgato: Timar Miklos dr.) kozlemenye.

(VITAMIN C, eff.
*on cold resist., prolonged admin. in indust. workers)
(COMMON COLD, prev. & control
*vitamin C, resist. in indust. workers after prolonged admin.)
(INDUSTRIAL HYGIENE
*cold prev. by prolonged admin. of vitamin C, results)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

1856 Effect of sodium nitrate feeding on the growth and torsional

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ML

Changes in the vitamin E content of the organs and tissues of young rats fed rations of different vitamin E content. Róbert Tarján, Magdolna [illegible], Magdolna [illegible], and Ágnes [illegible] [illegible] Budapest. [illegible] 26, [illegible] 5 (1957). [illegible] young female albino rats were fed rations containing [illegible] 9, 4.6, and 4.5 mg. [illegible] contents of serum [illegible] the vitamin [illegible]

[illegible]

③

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.

4010. TARJÁN R. Inst. für Ernährungswissensch., Budapest. *Einfluss der Ernährung auf das Knochensystem. IV. Die Rolle des Nährungseiweisses in der Ossifikation. Effect of nutrition on the skeleton. IV. Role of protein in ossification ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1955, 8/2 (127-134) Graphs 1 Tables 2

Femur strength of 14-week-old rats fed 14.6% protein was markedly less than in rats fed 17.9 and 21.7% protein. Donhoffer - Pécs

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.,; KRAMER, M.,; ORBAN, G.

Comparative studies on vitamin E content in blood serum in normal pregnancy, Orv. hetil. 96 no.47:1300-1302 20 Nov 55.

1. Az Orszagos Elelmezes- es Taplalkozastudomanyi Intezet (igazgato: Tarjan Robert dr. az orvostudomanyok kandidatusa) es az Orszagos Meddosegvizsgalo es Tanacsado Intezetenek (vezeto foorvos: Orban Gyorgy dr.) kozlemenye.

(VITAMIN E in blood,
in pregn. & in habitual abortion)
(BLOOD,
vitamin E, in normal pregn. & habitual abortion)
(PREGNANCY, blood in,
vitamin E)
(ABORTION
habitual, blood vitamin E in)

PROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.

4018. TARJÁN R. Inst. für Ernährungswissensch., Budapest. *Einfluss der Ernährung auf das Knochensystem. III. Experimentelle Untersuchung der Zitronensäurewirkung. Effect of nutrition on the skeleton.

III. Action of citrate ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1955, 8/2 (119-126) Graphs 1 Tables 3

Twenty-eight-day-old rats were fed a standard diet containing 0.28 and 0.96% Ca, the P-intake being identical in both groups (0.39%). One group received cod liver oil (1 ml. per week), the others 0.56 and 0.00% Na citrate (I) respectively. In the absence of any difference in body weight between the groups, bone strength was greater in the I treated groups. Addition of I secures adequate growth even on a slightly rachitogenic diet.

Donhoffer - Pécs

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

TARJAN, R.

Biological value of proteins in foodstuffs. p.259. ELELMEZESI IPAR. Budapest. Vol. 10, no. 9, Sept. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress Vol. 5, No. 12, December 1956.

3277. CHANGES IN THE ORGANIC AND INORGANIC SUBSTANCE AND THE STRENGTH OF BONE IN AGING RATS - Veränderungen der organischen und anorganischen Knochensubstanz sowie der Knochenfestigkeit bei Ratten mit zunehmenden Alter - Tarján R. and Szöke K. Inst. für Ernährungs- und Verpflegungswissensch., Budapest - HOPPE-SEYL. Z. PHYSIOL. CHEM. 1957, 308/1 (1-4) Tables 3

The strength and chemical constitution of the long bones of white rats fed a normal diet have been investigated during growth. The ash increases with age while the nitrogen content decreases. No measurable change in the Ca:P ratio of the ash was observed with increasing age. The Ca:N ratio increases with age as in human beings. Of the nitrogen compounds collagen and the compounds similar to it show the smallest decrease with increasing age. No relationship was established between the age of the bones and the citric acid content.

Country : CZECHOSLOVAKIA

Category : Human and Animal Physiology. Metabolism. Nutrition.

Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106146

Author : Tarjan, R.; Lemm, J.; Szalay, E.

Institut. : -

Title : Health Impairments Produced by Traces of Metal Contained in Foodstuffs.

Orig. Pub. : Ceskosl. 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 CCl_4 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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.

TECHNOLOGY

PERIODICAL: ELELMEZESI IPAR. Vol. 12, no. 10, Oct. 1958.

Tarjan, R. The latest results of our science of nutrition. p. 286.

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

TARJAN, Robert, Dr.

The situation and missions of food hygiene. Nepegeszsegugy 39 no.1-2: 30-36 Jan-Feb 58.

(FOOD
hyg. in Hungary (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN R.; KRAMER, M.

Evaluation of the carotene balance. p. 9.

Budapest, Hungary. Elelmezestudomanyi Intezer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EEAI) LC, Vol ~~xxxxxxxxxxxxxxxxxxxx~~ 9, no. 2, Feb. 1960

Uncl.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN R.

Present knowledge about the protein requirement of man. p. 12.

Budapest, Hungary. Elelmezesrudimanyi Intezer. YEARBOOK . Budapest, 1959.

Monthly list of East European Accession (EEA I) LC, Vol 9, no. 2, 1960, Feb.

Uncl.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN R.; KALLAI, L.

Quantitative reotgenolic studies on bone density. p. 18.

Budapest, Hungary. Elelmezesrudimanyi Intezer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EEA I) LC, Vol ~~XXXXXXXXXXXXXXXXXX~~ 9, no. 2, Feb. 1960

Uncl.

TARJAN R.; CSABA K.; NIKODEMUSZ L.

THe role of nonspecific pathogens on food poisoning. p. 36

Budapest, Hungary. Elelmezesrudimanyi Intezer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EEA I) LC, Vol 9, no. 2, Feb. 1960

Uncl.

TARJAN, R.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

TARJAN, R. The hygiene of the food trade, p. 55.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.

TECHNOLOGY

Periodical YEARBOOK Budapest. 1956/57 (published 1958)

TARJAN, R. The effect of dietary proteins on ossification and the chemical and physical characteristics of bone. p. 16.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.

TECHNOLOGY

Periodical YEARBOOK Budapest. 1956/57 (published 1958)

TARJAN, R. Studies on the nutirtional value of the lupinus species. p. 19.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, R.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

TARJAN, R. Evaluation of extraneous substances in foods from the viewpoint of hygiene. p. 50

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

TARJAN, R.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

TARJAN, R. Caries and nutrition. p. 48.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.; MATRAI, M.

TARJAN, I.; MATRAI, M. Demonstration of the vertical plane. p. 116.

Vol. 5, no. 4, July 1955
FIZIKAI SZEMLE
SCIENCE
HUNGARY

So: East European Accessions, Vol. 5, No. 9, Sept. 1956

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.

Category : HUNGARY/Solid State Physics - Morphology of Crystals. Crystallization E-7

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3928

Author : Tarjan, I., Turchanyi, Gu.
Inst : Roland-Eötvös University, Budapest, Hungary.
Title : Technical Remarks Concerning the Growth of Monocrystals from a Melt.

Orig Pub : Acta phys. Acad. sci. hung., 1956, 5, No 4, 533-535

Abstract : Description of several practical methods of improving the growth of monocrystlas of NaI (Tl) from a melt using the Bridgeman and Kyropoulos methods. For the Bridgeman method, the authors proposed such a shape for the end of the capillary portion of the tube, causing the cleavage plane to orient itslef perpendicular to the axis of the crystal. To prevent formation of stresses in the specimen, usually produced during the cooling by the difference in the coefficient of thermal expansion of the tube and that of the crystal, it is recommended that the crystal be molten off the tube immediately after the end of the crystallization (for this purpose the hotter portion of the furnace is moved on) and to move the crystal to the opposite, expanded portion of the tube. In the wide

Card : 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

Category : HUNGARY/Solid State Physics - Morphology of Crystals. Crystallization E-7

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 3928

portion, the crystal will touch the walls of the vessel only in the few points, and the cooling will occur freely, without compression. Using the Kyropoulos method, better results are obrained if the crucible with the melt, covered with a porcelain cover with a hole through it, is rotated during the growth of the crystal.

Card : 2/2

Category : HUNGARY/Nuclear Physics - General Problems

C-1

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 229

Author : Nagy, Janos and, Tarjan, Imre
Title : Construction of a Laboratory for Radioactive Isotopes

Orig Pub : Magyar epitoipar, 1956, 5, No 6, 274-280

Abstract : No abstract

Card : 1/1

TARJAN, I.

HUNGARY/Solid State Physics - Morphology of Crystals. Crystallization.

E-8

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11846

Author : Tarjan, I., Turchanyi, Gy.

Inst : Medical University, Budapest, Hungary.

Title : Remarks Concerning the Nacken-Dyropoulos Methods of Growing Crystals.

Orig Pub : Acta phys. Acad. sci. hung., 1956, 6, No 2, 339-340

Abstract : Description of an experiment on the growth of a NaCl crystal with periodic rocking of the crystal and the melt with subsequent stoppages. During the rocking of the crystal, the crystal is located in a stream of liquid that is alternately higher and lower in temperature, thus preventing regualr formation of an isothermal surface with the melting temperature. During the standstill period one obtains a

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre, dr.

Radioactive isotopes; physical fundamentals. Orv. hetil. 97 no. 34:925-930 19 Aug 56.

(ISOTOPES
phys. properties & use in tracer studies (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre, dr.; GERGELY, Rezso, dr.; VOSZKA, Rudolf; BOTAR, Gyorgy, dr.

Explosion dangers in anesthesia. Orv. hetil. 97 no.36:993-996 2 Sept 56.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak (igazgato: Hedri, Endre, dr. egyet. tanar) es Orvosi Fizikai Intezetenek (Igazgato: Tarjan, Imre, dr. egyet. tanar) kozlemenye.

(ANESTHESIA, compl.
explosion in operating room, causes & role of static electricity (Hun))
(ELECTRICITY, inj. eff.
static electricity, explosion in operating room during anesthesia (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

HUNGARY/Physical Chemistry - Crystals.

B-5

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3695

Author : J. Nagy, I. Tarjan.
Inst : Academy of Sciences of Hungaria.
Title : Artificial Growing of Quartz Crystals.

Orig Pub: Acta phys. Acad. sci. hung., 1957, 6, No 3-4, 485-488.

Abstract: The results of 12 experiments of growing quartz in autoclaves 28 cm long and 1.9 cm in dia. in aqueous solution of 5% of Na_2CO_3 + 0.4% of KOH on seeding plates of AT cuts are given. The data obtained by the authors correspond satisfactorily to earlier data (Kennedy G., Econ. Geol., 1950, 45, 629). The experiments carried out with various filling (40 to 80%) and at low temperatures showed a monotonous solubility rise together with the temperature. The crystal growth speed under these conditions is insignificant. At low filling and high temperatures, the reciprocal solubility phenomenon was observed in

Card : 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY/Physical Chemistry - Crystals.

B-5

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3695

accordance with Kennedy's data. At mean filling magnitudes and temperatures (these conditions prove to be the most favorable for the industrial growth of quartz crystals), a growth speed of 1 mm per diem along the Z axis was achieved, which was the greatest speed so far obtained according to the authors.

Card : 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

HUNGARY/Solid State Physics - Mechanical Properties of Crystals and Polycrystalline Substances E-10

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 25368

Author : Terjan I., Turchanyi Gy.
Inst : Institute of Physics of the Medical University, Budapest, Hungary
Title : On the Kuznetsov Method of "Mutual Polishing".

Orig Pub : Acta phys. Acad. sci. hung., 1957, 8, No1-2, 261-268

Abstract : The author has investigated the conditions under which the method of mutual polishing of V.D. Kuznetsov are applicable, using as an example NaCl crystals. It has been assumed that the method is correct if equal masses of substance are ground off both surfaces during mutual grinding of faces of equal index, for example (100). Experiments have shown that using grey emery dust "350" at a pressure of 0.25 kg/cm^2 this condition is satisfied with an accuracy of 2%. If surfaces with different indices are ground, then according to V.D. Kuznetsov the mass ground off from the face with a higher

Card : 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY/Solid State Physics - Mechanical Properties of Crystals and Polycrystalline Substances E-10

Abs Jour : Ref Zhur - Fizika, No 11, 1958, No 25368

index should be less than the mass ground off the face with the lower index. The experimental results obtained are in qualitative agreement with this rule. The quantitative deviations are evidence, in the author's opinion, that the grinding phenomena are more complicated than is proposed in the theory of V.D. Kuznetsov.

Card : 2/2

HUNGARY/Nuclear Physics - Instruments and Installations. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 26848

Author : Nagy Janos, Tarjan Imre
Inst : Not Given
Title : Instrument With Counting Tube for Measurement of the Contents of I^{131} in the Thyroid Gland of a Living Organism.

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 1, 37-42

Abstract : No abstract

Card : 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.; NAGY, J.

"J^{131}-diagnosis apparatus for thyroid-gland examinations." p. 239.

MAGYAR FIZIKAI FOLYOIRAT. (Magyar Tudomanyos Akademia). Budapest, Hungary, Vol. 6, No. 3, 1958.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

Distr: 4E2c(j)/4E3d

7

3
2-May
2

Production of single anthracene crystals. Imre Turján and Sándor Ujhelyi. *Magyar Fiz. Folyóirat* 3, 383-9 (1955).—Single anthracene crystals for scintillation counters were prepd. in a crucible, which was immersed in a temp. controlled furnace, and filled with O-free H. The anthracene was previously purified by melting it in an O-free atm. at 200-250°. The single crystals were 2.3 cm. in diam. and 5 cm. long. B. Roman

TH
11

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

21

Dry box for the preparation of hygroscopic crystals. Rudolf Vosztka, Imre Tarján, and Gyorgy Turcsányi. *Magyar Kém. Folyóirat* 6, 316-8(1958).—A conventional dry box is described. B. H.

SB

Gil

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.

HUNGARY/Solid State Physics - Phase Transitions in Solids.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 13014

Author : Tarjan, Imre; Turchanyi, Gyorgy; Voszka, Rudolf
Inst : -
Title : Processing and Finishing of Alkali-Halogenide Crystals.

Orig Pub : Magyar fiz folyoirat, 1958, 6, No 4, 379-380

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY/Solid State Physics - Crystallization.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 13063

Author : Tarjan, Imre
Inst : -
Title : Certain Problems of Growing Single Crystals.

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 4, 383-399

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre

The Budapest Institute for Medical Physics. Fiz szemle 8 no.1:25 Ja '58.

1. "Fizikai Szemle" szerkeszte bizottsagi tagja.

*

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre, dr.; VOSZKA, Rudolf

On biological effectiveness of ultraviolet rays. Orv.hetil. 100 no.36:1299-1302 S '59.

1. A Budadapesti Orvasi Fizikai Intezet (igazgato: Tarjan Imre dr. egyeteni tanar) kozlemenye.
(ULTRAVIOLET RAYS effects)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

The dependence of photocurrent from the number of *F* centers in x-irradiated NaCl crystals. Imre Tarjan, Rudolf Voszka, and Agnes Somló. *Magyar Fiz. Folyóirat.* 8, 21-30(1960).—Photocond. as a function of the concn. of *F* centers, N_F, were detd. on natural crystals, and crystals grown from liquid and tempered for 4 weeks at 350°. x-Irradiation was carried out at intervals. After each interval the absorption coeff. and photocurrent were measured at max. *F*-center absorption. The photocurrent has a max. at a certain *F*-center concn., which is lower for natural than for artificial NaCl crystals. The product of quantum efficiency and electron [illegible]cement per unit space charge was calcd. from these [illegible]. Artificial crystals have more defects than natural, and these increase more by x-irradiation. R. Ronai

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

VOSZKA, Rudolf; TARJAN, Imre; TURCHANYI, Gyorgy

On NaJ (Tl) crystals. Magy fiz folyoir 8 no.1:37-46 '60. (EEAI 9:10)
(Thallium) (Sodium iodide)
(Scintillation counters)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

Surface phenomena on tempered NaCl crystals. Magy fiz folyoir 8 no.3: 229-241 '60. (EEAI 10:1)

1. Crvosi Fizikai Intezet, Budapest.
(Salt) (Crystals)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre; VOSZKA, Rudolf; BERKES, Laszlo

The effect of decoloration of natrium chloride crystals roentgenized for photoconductivity. Magy fiz folyoir 8 no.6:519-524 '60. (EEAI 10:5)

1. Orvosi Fizikai Intezet, Budapest.
(Salt) (X rays) (Photoconductivity)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; VOSZKA, Rudolf; TARJAN, Imre

Remarks on the dimensioning of electric wire furnaces. Magy fiz folyoir 8 no.6:525-534 '60. (EEAI 10:5)

1. Orvosi Fizikai Intezet, Budapest.
(Electric furnaces)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I.; VOSZKA, R.; SOMLO, A.

The effect of preheat treatment on the photoconductivity of X-ray radiated NaCl crystals. Acta phys Hung 11 no.1:59-69 '60.
(EEAI 9:10)

1. Arztliches Physikalisches Institut, Budapest. Vergelegt von Z.Gyulai.

(X-rays) (Photoconductivity)
(Crystals) (Salt) (Color centers)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

Detection of surface structures. Magy fiz folyoir 9 no.6:409-413 '61.

1. Orvosi Fizikai Intezet, Budapest. 2. Technikai szerkeszto, "Magyar Fizikai Folyoirat" (for Turchanyi).

(Surface chemistry) (Crystallography)
(Salt)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Imre

Current problems in biophysics. Fiz szemle 11 no.7:195-200 Jl '61.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

SURNAME, Given Names

Country: Hungary

Academic Degrees: Dr.

Affiliation: Director of Physics Institute at the Budapest Medical University (Budapeesti Orvostudományi Egyetem Fizikai Intezete).

Source: Budapest, Orvoskepzes, Vol 36, No 4, Aug 61, pp 288-297

Data: "Recent Problems of Biophysics."

GPO 981643

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJÁN, Imre, a fizikai tudomanyok kandidatusa, egyetemi tanar

The Turnov Conference on Crystal Growing. Magy tud 68 no.12: 764-765 D '61.

1. Budapesti Orvostudomanyi Egyetem.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

G/030/62/002/007/001/004
I030/I230

AUTHORS: Somoló, Á., Tarján, I., and Voszka, R.

TITLE: On the influence of impurities upon the plotoconductivity of NaCl crystals coloured by X-rays

PERIODICAL: Physica status solidi, V.2, no.7, 1962, 829-840

TEXT: The paper evaluates the measured dependence of photoconductivity upon thermal and optical bleaching in radiative coloured NaCl crystals grown in either porcelain (Pc-crystals) or platinum (Pt-crystals) crucibles. Results are plotted as $\frac{1}{\eta w}$ versus N_F. (η is the quantum yield, w the free electron path in unit field, N_F is the concentration of F- centers). The curves obtained characterise the way the crystal was grown and bleached. Differences are due to the relative high OH^- ion concentration in the Pt - crystals. Thermal

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

G/030/62/002/007/001/004
I030/I230

On the influence of impurities....

bleaching curves lie entirely below the colouring curve for Pc-crystals, and partly above partly below for the Pt crystals. Optical bleaching curves for both crystals have a negative slope. Significant differences between Pc crystals and Pt crystals are obtained after resting the samples subsequent to their partial optical bleaching. Absorbtion spectra of the samples were also measured. The results can be explained qualitiatively by assuming a light OH^- concentration in Pt-crystals, and postulating a new colouring process for such crystals, involving the dissociation of OH^-ions under irradiation. There are 15 figures.

ASSOCIATION: Medizinisch-Physikalisches Institut, Budapest (Medical-Physics Institute, Budapest)

SUBMITTED: April 19, 1962

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

NaCl acicular crystals developed from vapor phase. Magy fiz folyoir 11 no.3:197-204 '63.

1. Orvosi Fizikai Intezet, Budapest. 2. "Magyar Fizikai Folyoirat" technikai szerkesztoje (for Turchanyi).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TURCHANYI, Gyorgy; HORVATH, Tunde; TARJAN, Imre

Material transport occurring in vapor space and its investigation by Na^{24} Cl. Magy fix folyoir 11 no. 6: 453-463 '63.

1. Orvosi Fizikai Intezet, Budapest.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9

TARJAN, Ion, Bucharest [affiliation not given]

"Concerning an Interesting Contribution to the Understanding of Vegetative Hybridization."

Bucharest, Natura. Seria Biologie, Vol 15, No 5, Sep-Oct 63, pp 79-82.

Abstract [Author's English summary modified]: A review of a work published by Mathilde Pichenot entitled "On the Existence and Cytoplasmatic Nature of Hereditary Changes Obtained by Grafting Solanaceae" appearing in the Annals of the Faculty of Science of Marseilles. The present author analyzes the article and attempts to clarify some points left unclear; he also interprets the results from the point of view of dialectical materialism.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, okleveles banyagepeszmernok, egyetemi adjunktus

Warming up of the mine air saturated with water vapor.
Bany lap 93 no.4:254-256 Ap '60.

1. Nehezipari Muszaki Egyetem, Banyamernoki Kar, Miskolc.

TARJAN, Ivan, okl. banyagepeszmernok, egyetemi adjunktus

Geothermic, mine climatic and ventilation research in the No. 2 Department of Mining Machinery of the Technical University of the Heavy Industry in 1954-1959 D '61.

1. Nehezipari Muszaki Egyetem, Banyamernoki Kar, Miskolc.

TARJAN, Ivan, okl.banyagepeszmernok,egyetemi adjunktus

Research related to geothermy, mine climate and to ventilation at the 2d Department of Mining Machinery Technical University of the Heavy Industry, Miskolc, during the years from 1954 to 1959. Bany lap 94 no.12:832-837 D '61.

1. Nehezipari Muszaki Egyetem, Banyamernoki Kar, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, dr., okleveles banyagepeszmernok, a muszaki tudomanyok kandidatusa, egyetemi docens

Air duct ventilation in hot mines. Bany Lap 95 no.12:814-820 D '62.

1. Nehezipari Muszaki Egyetem, Banyageptani Tanszek, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, dr., okleveles banyagepeszmernok, a muszaki tudomanyok kandidatusa, egyetemi docens; DEBRECZENI, Elemer, okleveles banyagepeszmernok, egyetemi tanarseged

Methods for the measurement of air volumes in mines. Bany lap 96 no.8:515-521 Ag '63.

1. Nehezipari Muszaki Egyetem Banyageptani Tanszek, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Ivan, a muszaki tudomanyok kandidatusa; EMBERCZKI, Elemer

Testing the operation of spoon-shaped anemometers. Musz kozl MTA 34 no.3:233-245 '64.

1. Chair of Mining Machinery, Technical University of Heavy Industry, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, I., Cand. of Techn. Sc.

Warming up of wet mine air. Acta techn Hung 49 no.3/4: 297-309 '64.

1. Department for Mine Machinery of the Technical University of Heavy Industry, Miskolc.

Tests

HUNGARY

TARJAN, Jeno, Dr; Medical University of Pecs, II. Medical Clinic (director: HAMORI, Artur, Dr) (Pecsi Orvostudomanyi Egyetem, II. Belklinika).

"A Micro Method for the Rapid Diagnosis of Blood in the Feces, Using Hemotest Paper."

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, pages 368-369.

Abstract: [Author's Hungarian summary] A paper test is recommended for the demonstration of blood in the feces. The paper can be easily prepared by the individual technicians and will give reliable data for months. The test can be carried out rapidly, without laboratory equipment, on a small amount of sample. According to the experiences gained in testing 180 fecal samples, the method is somewhat more sensitive than the Weber reaction. In 1.7 per cent of the cases, there was an uncertain color reaction. 4 Hungarian, 7 Western references.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

GABOS, Gyorgy; TARJAN, Laszlo

National contest entitled "Foundation on Volume-changing Soils" announced by the Ministry of Construction. Magy ep ipar 10 no.6: 259-265 '61.

BARATH, Jeno, dr.; TARJAN, Pongracz, dr.

[redacted]

New trends in the treatment of diseases associated with hypertension. I. Veratrum alkaloid therapy. Orv.hetil. 96 no.16:430-434 17 Apr 55.

1. A Janos Korhaz Hypertonia Osztalanak (igazgato: Bakacs Tibor dr., foorvos: Barath Jeno dr.) kozlemenye.

(HYPERTENSION, therapy,
Veratrum alkaloids)
(VERATRUM ALKALOIDS, therapeutic use,
hypertension)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.; BARATH, Jeno, dr.

New trends in the treatment of hypertension. II. Experimental investigations on two new Hungarian preparations; Hexamethonium, N. 310. Orv. hetil. 96 no.17:468-471 24 Apr 55.

1. A Janos korhaz (igazgato: Bakacs, Tibor dr.) Hypertonia Osztalyanak (foorvos: Barath, Jeno dr.) kozlemenye.

(HYPERTENSION, experimental,
eff. of hexamethonium & ganglion blocking agent N 310.)
(AUTONOMIC DRUGS, effects,
ganglion blocking agent N 310 on exper. hypertension.)
(MUSCLE RELAXANTS, effects,
hexamethonium on exper. hypertension.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.; BARATH, Jeno, dr.

New trends in the treatment of hypertension. II. Experimental investigations on two new Hungarian preparations; Hexamethonium, N. 310. Orv. hetil. 96 no.17:468-471 24 Apr 55.

1. A Janos korhaz (igazgato: Bakacs, Tibor dr.) Hypertonia Osztalyanak (foorvos: Barath, Jeno dr.) kozlemenye.

(HYPERTENSION, experimental,
eff. of hexamethonium & ganglion blocking agent N 310.)
(AUTONOMIC DRUGS, effects,
ganglion blocking agent N 310 on exper. hypertension.)
(MUSCLE RELAXANTS, effects,
hexamethonium on exper. hypertension.)

HUNGARY / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42404.

Author : Barath, J.; ~~Tarjan, P.~~
Inst : Not Given.
Title : New Methods of Hypertension Therapy.

Orig Pub: Orv. Netilap, 1956, 97, No 10, 273-276.

Abstract: Four hundred seven patients were successfully treated with injections of a 10% solution of NaI in doses of 6-10 ml daily. Together with NaI the patients received daily doses of puroverin, serpasil, apresoline or adelphan. In some cases, combination of drugs were prescribed. The best results were noted in hypertensives with severe changes in the fundi and in hypertension of arteriosclerotic origin. The advantages of Na method: side effects are very rare, less puroverin and serpasil is re-

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42404.

Abstract: quired, iodine decreased brady-cardia, caused by serpasil. -- I. Budavari

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.,; KONIG, Marta, dr.

Chemotherapy of hypertension with Rauwolfia alkaloids and hydrazinophthalazine preparations. Orv. hetil. 97 no.22:595-600 27 May 56.

1. A Janos korhaz (igaz. Bakacs Tibor dr.) Hypertonia Osztal. (foorvos. Barath Jeno dr.) kozl.

(HYPERTENSION, ther.
Rauwolfia alkaloids with 1,4-dihydrazinophthalazine & hydralazine, results (Hun))
(RAUWOLFIA ALKALOIDS, ther. use
hypertension, with 1,4-dihydrazinophthalazine & hydralazine, results (Hun))
(SYMPATHOLYTICS, ther. use
1,4-dihydrazinophthalazine & hydralazine, in hypertension, with Rauwolfia alkaloids (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HUNGARY / Human and Animal Physiology. Excretion. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41484.

Author : Renyi, L.; Tarjan, P.
Inst : Not Given.
Title : A Case of Cushing's Disease Caused by Trauma. (Clinical Course and Etiology).

Orig Pub: Orv. hetilap, 1957, 98, No 10-11, 269-273.

Abstract: A case of fleeting diabetes insipidus following trauma, with subsequent development of Cushing's disease. The course of the disease was marked by severe decalcification of the bones, resembling osteomalacia. At autopsy, marked softening of the bones was noted; histologically- resorption of bone trabeculi with osteoid replacement. Basophilic adenoma in the anterior lobe of the pituitary. The pathogenesis of the disease is apparently

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TEMESVARI, Antal, dr.; LONYAY, Tihamer, dr.; TARJAN, Pongracz, dr.; CSIPAK, Zsuzsanna, dr.

Replacement of the resected aortic isthmus with a plastic graft. Orv.hetil. 100 no.42:1516-1517 O '59.

1. Az orszogos Kardiclogiai Intezet (igazgato: Gottsegen Gyorgy dr.) Sebeszeti Osztdlyanak (foorvos: Temesvari Antal dr.) es a Fovarosi Janos Korhaz (igazgato: Tako Jozsef dr.) Hypertonia Osztalyanak (foorvos: Barath Jeno dr.) kozlemenye.
(AORTA surg)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

BARATH, Jeno, Dr.; TARJAN, Pongracz, Dr.

Experimental studies on comparative hypotensive properties of a new diuretic drug (dihydrochlorothiazide). Orv. hetil. 100 no.47: 1692-1696 Nov 22, 59.

1. A Budapesti Janos Korhaz (igazgato: Tako Jozsef dr.) Hypertonia Osztalyanak (foorvos: Barath Jeno dr.) kozlemenye.
(DIURETICS, pharmacol.) (ANTIHYPERTENSIVE AGENTS, pharmacol.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

BARATH, Jeno, dr.; TARJAN, Pongrac, dr.

New trends in the drug treatment of diseases with elevated blood pressure. Orv. hetil. 102 no.27:1271-1276 2 Je '61.

1. Janos korhaz, Budapest, Hypertonia Osztaly.

(ANTIHYPERTENSIVE AGENTS ther)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Pongracz, dr.; BARATH, Jeno, dr.

Experimental studies with vasculat and combined iodine-vasculat in the treatment of arterial disorders with blood supply deficiency. Orv.hetil. 102 no.35:1655-1657 27 Ag '61.

1. Budapesti Janos korhaz, Hypertonia Osztaly.

(SYMPATHOMIMETICS ther) (ARTERIOSCLEROSIS ther)
(HYPERTENSION ther) (CORONARY DISEASE ther)
(IODINE ther)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso

Information theory and physics. Fiz szemle 8 no.2:49-53 F'58

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARYAN, K.

TARYAN, Reshe [Tarjan, Regse], dokter tekhn. nauk (Budapesht); FILANOVSKAYA, Z.A. [translater]

Problems in cybernetics. Priroda 48 no.6:62-68 Je '59. (MIRA 12:5)

(Cybernetics)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso, a muszaki tudomanyok doktora

Hungarian research in the field of cybernetics. Magy tud 67 no.3: 135-151 Mr '60. (EEAI 9:9)

(Hungary--Cybernetics)
(Hungarian Academy of Sciences)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso

First International Congress on Automation. Magy tud. 67 no.11:692-695 N '60. (EEAI 10:4)
(Automatic control) (Hungarians in Russia)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso, a muszaki tudomanyok doktora

Remarks about the question of biological information. Muszaki kozl MTA 31 no.1/4:73-85 '62.

1. Budapesti Muszaki Egyetem Vezetekes Hiradastechnikai Tanszek.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

VARJAN, Rezso, a muszaki tudomanyok doktora, egy.tanar (Budapest)

Mechanization of thinking processes. Magy tud 68 no.10:583-591 O '61.

1. Budapesti Muszaki Egyetem.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HALMOS, Karoly, dr.; TARJAN, Rezso

Fire! Fire! Technika 6 no.9:8-9 S '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

HALMOS, Karoly, dr.; TARJAN, Rezso

Fire! Fire! Pt.2. Technika 6 no.10:8-9 O '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

TARJAN, Rezso

Information theory and telecommunication technique. Elet tud 17 no.32:995-998 12 Ag '62.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

TARJAN, Rezso

Parametric amplifier. Elet tud 18 no.3:88-90 Ja '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

DOBO, Laszlo, dr.; KERTAY, Gyorgy, dr.; TARJAN, Robert; SZEPESVARY, Ivan

Possibilities for developing the gas economy in Hungary. Energia es atom 13 no.3:94-100 Mr '60.

1. "Energia es Atomtechnika" szerkeszto bizottsagi tagja (for Dobo).

TARJA
(1886)

Orszagos Kozegeszsegugyi Interzet Kozlemenye. Anyatejek vizsgalata Examination of samples of human milk Orvosok Lapja 1947, 3/3 (89-90)

The authors examined 91 samples of human milk to check the accepted international calorific values which they believed to be incorrect. Milk of high and low calorific value was examined and the figures (per 100 ml.) compared with the international mean values.

	Int. mean	Calories Low	Calories High
Specific gravity.....	1023	1027	1021
Anhydrous residue.....	10.9 %	5.2 %	16.6 %
Water.....	89.9 %	94.8 %	83.4 %
Total protein.....	1.3 %	1.9 %	2.6 %
Fats.....	3.6 %	0.4 %	8.6 %
Carbohydrates.....	5.8 %	2.7 %	5.2 %
Salts.....	0.15%	0.19%	0.2 %
Calories.....	60	22.5	110

Babies fed on poor milk receive about a third of the necessary calories, whereas rich milk contains twice the required amount resulting in alimentary disorders of used continually. To avoid difficulties the authors suggest a larger number of central depots ('milk banks') in which the collected human milk can be sotred and periodically analysed.

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1. Kozlemeny az Orszagos Elelmezes- es Taplalkozastudomanyi Intezetbol (igazgato: Tarjan Robert dr.)
(NUTRITION
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Effect of continuous administration of ascorbic acid in industrial workers. Orv hetil 95 no.21:577-580 My '54. (EEAL 3:8)

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(VITAMIN C, eff.
*on cold resist., prolonged admin. in indust. workers)
(COMMON COLD, prev. & control
*vitamin C, resist. in indust. workers after prolonged admin.)
(INDUSTRIAL HYGIENE
*cold prev. by prolonged admin. of vitamin C, results)

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1856 Effect of sodium nitrate feeding on the growth and torsional

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ML

Changes in the vitamin E content of the organs and tissues of young rats fed rations of different vitamin E content. Robert Tarján, Magdolna [illegible] Mag[illegible] and Ágnes [illegible] [illegible] Budapest. [illegible] 26, [illegible] 1957. Young female albino rats were fed rations [illegible] weeks [illegible] 4.6 and 45 mg. [illegible] contents of serum [illegible] the vitamin [illegible]

(3)

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Femur strength of 14-week-old rats fed 14.6% protein was markedly less than in rats fed 17.9 and 21.7% protein. Donhoffer - Pécs

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010012-9"

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(VITAMIN E in blood,
in pregn. & in habitual abortion)
(BLOOD,
vitamin E, in normal pregn. & habitual abortion)
(PREGNANCY, blood in,
vitamin E)
(ABORTION
habitual, blood vitamin E in)

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4018. TARJÁN R. Inst. für Ernährungswissensch., Budapest. *Einfluss der Ernährung auf das Knochensystem. III. Experimentelle Untersuchung der Zitronensäurewirkung. Effect of nutrition on the skeleton.

III. Action of citrate ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1955, 8/2 (119-126) Graphs 1 Tables 3

Twenty-eight-day-old rats were fed a standard diet containing 0.28 and 0.96% Ca, the P-intake being identical in both groups (0.39%). One group received cod liver oil (1 ml. per week), the others 0.56 and 0.00% Na citrate (I) respectively. In the absence of any difference in body weight between the groups, bone strength was greater in the I treated groups. Addition of I secures adequate growth even on a slightly rachitogenic diet.

Donhoffer - Pécs

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Biological value of proteins in foodstuffs. p.259. ELELMEZESI IPAR. Budapest. Vol. 10, no. 9, Sept. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress Vol. 5, No. 12, December 1956.

3277. CHANGES IN THE ORGANIC AND INORGANIC SUBSTANCE AND THE STRENGTH OF BONE IN AGING RATS - Veränderungen der organischen und anorganischen Knochensubstanz sowie der Knochenfestigkeit bei Ratten mit zunehmenden Alter - Tarján R. and Szöke K. Inst. für Ernährungs- und Verpflegungswissensch., Budapest - HOPPE-SEYL. Z. PHYSIOL. CHEM. 1957, 308/1 (1-4) Tables 3

The strength and chemical constitution of the long bones of white rats fed a normal diet have been investigated during growth. The ash increases with age while the nitrogen content decreases. No measurable change in the Ca:P ratio of the ash was observed with increasing age. The Ca:N ratio increases with age as in human beings. Of the nitrogen compounds collagen and the compounds similar to it show the smallest decrease with increasing age. No relationship was established between the age of the bones and the citric acid content.

Country : CZECHOSLOVAKIA

Category : Human and Animal Physiology. Metabolism. Nutrition.

Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106146

Author : Tarjan, R.; Lemm, J.; Szalay, E.

Institut. : -

Title : Health Impairments Produced by Traces of Metal Contained in Foodstuffs.

Orig. Pub. : Ceskosl. 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 CCl_4 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

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(FOOD
hyg. in Hungary (Hun))

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