37823

S/103/62/023/005/004/011
D407/D301

16.4000

AUTHOR: Ben'yaminov, B.B. (Baku)

TITLE: Estimate of performance criteria of processes in closed-loop sampled-data control systems

PERIODICAL: Avtomatika i telemekhanika, v. 23, no. 5, 1962, 581 - 589

TEXT: Recursion formulas are derived for the ordinates of the transient-process curve. Estimates are given for the control time and the magnitude of system overshoot. These estimates would make it unnecessary to construct the curves of the transient processes which normally involves much computational work. The mesh function $\delta[n, \varepsilon]$ is considered, corresponding to the mesh function $z[n, \varepsilon]$ which represents the sought-for transient process. The relationship between the two functions is plotted on a figure. Hence one obtains the formula

$$z[n, \varepsilon] = \sum_{k=1}^{n} \delta[k, \varepsilon] \qquad (2)$$

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The construction of the process amounts to the calculation of the quantities $\delta[k, \varepsilon]$ and their successive summation. Laplace's inverse transform is applied to the transfer function

$$K_3^*(q, \varepsilon) = \frac{H^*(q, \varepsilon)}{G^*(q)}. \tag{4a}$$

The recursion formulas are

$$z[n, \varepsilon] = z[n-1, \varepsilon] + \sum_{\nu=1}^{l} \frac{H^*(\tilde{q}_\nu, \varepsilon)}{G^*(\tilde{q}_\nu)} e^{\tilde{q}_\nu (n-1)} \quad (n = 1, 2, \ldots). \tag{6}$$

4

A numerical example is given. Further, the control time is estimated. The transfer function is taken in the form (4a), and has 2μ complex-conjugated poles $\sigma_\nu \pm j\omega_\nu$ and $(l - 2)\mu$ real poles σ_m. Assume a unit-step signal is applied to the system input. With

$$M_\nu = \left| \frac{H^*(\tilde{q}_\nu, \varepsilon)}{G^*(\tilde{q}_\nu)(1 - e^{\tilde{q}_\nu})} \right|. \tag{9a}$$

one obtains

$$(\sigma^2 + \omega^2)^{\frac{n}{2}} \sum_{\nu=1}^{l} M_\nu < \Delta, \tag{10}$$

where Δ is the steady-state error. Hence one obtains the number of switchings n of the controller, required for the settling of the transient process:

$$n = \mathrm{E}\left[2\,\frac{\lg\Delta - \lg\sum_{\nu=1}^{l} M_\nu}{\lg(\sigma^2+\omega^2)}\right] + 1 \qquad (11)$$

The control-time estimate is:

$$t > T(e+n) = T\left\{e + \mathrm{E}\left[2\,\frac{\lg\Delta - \lg\sum_{\nu=1}^{l} M_\nu}{\lg(\sigma^2+\omega^2)}\right] + 1\right\}, \qquad (13)$$

where T = const. is the period of pulse repetition. With such an estimate for t, the error does not exceed one period. Further, the overshoot is estimated. It is assumed that the system has positive overshoot. After calculations, one obtains:

$$\tilde{\sigma}_{\text{макс}} < \left\{-2\cos n_0 \operatorname{arc\,tg}\frac{\omega}{\sigma}\sum_{\nu=1}^{\mu}(\sigma_\nu^2+\omega_\nu^2)^{\frac{n_0}{2}} \times \right. \qquad (18)$$

$$\left. \times\left|\frac{H^*(\tilde{q}_\nu, e)}{\dot{G}^*(\tilde{q}_\nu)(1-e^{\tilde{q}_\nu})}\right| - \sum_{m=2\mu+1}^{l}\frac{H^*(\tilde{q}_m, e)}{\dot{G}^*(\tilde{q}_m)(1-\sigma_m)}\,\sigma_m^{n_0}\right\} 100\%.$$

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Several particular cases are considered, where formula (18) simplifies. Thus, if the transfer function has real poles, one gets

$$\tilde{\sigma}_{\text{макс}} < \left\{ - \sum_{m=1}^{n} \frac{H^*(\tilde{q}_m, \varepsilon)}{G^*(\tilde{q}_m)(1-\sigma_m)} \tilde{\sigma}_m^2 \right\} 100\%. \qquad (20)$$

The obtained estimates are illustrated by numerical examples. There are 5 figures and 1 Soviet-bloc references.

SUBMITTED: July 20, 1961

BEN[illegible], M.R.

[illegible] the [illegible] Congress, [illegible] 1952 Plenum of [illegible] Central [illegible] and [illegible] conference [illegible] on [illegible] agriculture [illegible] Uch. zap. Tashk. gos. ped. [illegible] no. [illegible] 19[illegible] 1[illegible].

(MIRA 17:10)

ZIL'BERMAN, S., inzh.; BLUDNOV, V.; PAN'KIN, N., inzh.; [illegible]'YANENKOV, [illegible], inzh.; ZIOTNIK, M., inzh.; ISAICHKIN, A.

Exchange of experience. Avt. transp. 42 no.9:51-54 S '64. [illegible]

BEN'YAMINOVICH, A. I.

Ben'Yaminovich, A. I. "Bronchial fistula as a result of gun shot," Sbornik trudov Nauch.-issled. in-ta ortopedii, travmatologii i protezirovaniya (Kiev zdravookhraneniya Ukr SSR), Vol. I, 1948, p. 73-102

SO: U-4084, 23 Oct. 53, (Letopis 'Zhurnal 'nykh Statey, No. 30, 1949).

BEN'YAMINOVICH, A.M. (Omsk)

Treatment of plastic induration of the penis with sinestrol. Urologiia no.1:60'63. (MIRA 16:7)
(PENIS—DISEASES) (PHENOL—THERAPEUTIC USE)

BEN'YAMINOVICH, B. M.

36850. BEN'YAMINOVICH, B. M. i KETO, M. I. Klinika gipertonicheskoy bolezni i yeye lecheniye fizicheskimi metodami. Trudy Uzbed. gos. nauch-issled. in-ta kurortologii i fizioterapii im Semashko, sb. 11, c. 81-109

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

SOV/99-59-10-1/11

30(1)

AUTHOR: Ben'yaminovich, E.A., Vorotkov, N.A., Nikolayev, Ye.A. and Rozenblat, V.F., Engineers

TITLE: The South Golodnaya Step' Canal

PERIODICAL: Gidrotekhnika i melioratsiya, 1959, Nr 10, pp 7-16 (USSR)

ABSTRACT: The Golodnaya step' area of Uzbekistan and Kazakhstan contains 600,000 hectares of land suitable for irrigated cotton-growing. For this reason the area has been the subject of many development and reclamation projects, attracting the attention even of the Soviet hydraulic engineers G.K. Rizenkampf, F.P. Vorgunenkov and V.F. Pulayevskiy. Several plans for the irrigation of the area have been drawn up; however, the final variant, approved by the CC of the CPSU and the Sovet ministrov SSSR (Council of Ministers of the USSR) on 14 June 1958, provided for irrigation of the Golodnaya step' by two canals - the existing North Canal

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imeni Kirov and the South Golodnaya Step' Canal, still under construction. The water for these canals was to be drawn from the Farkhad Dam via the derivation canal of the Farkhadskaya GES (Farkhad Hydroelectric Plant) with a throughput of [illegible]00 cu m/sec. The general layout of the system may be seen from Fig 1. The area covered by the North Canal contains about [illegible]0,000 hectares suitable for irrigation, of which some 180,000 hectares have now been reclaimed, while the South Golodnaya Step' Canal dominates an area containing 350,000 hectares of land suitable for irrigation. Of this about 40,000 hectares have so far been reclaimed. It is proposed to set up 31 cotton-growing sovkhozes and several horticultural sovkhozes in the new irrigation areas. About 50-55% of the total irrigated area will be under cotton and each new sovkhoz will cover around 8-10 thousand hectares. Watering will mainly be effected by pipelines in long furrows. Sprinkling will be used on farms in the South-West part of the Golodnaya step' where the ground is uneven and the soils have a comparatively high degree of permeability. All

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The South Golodnaya Step' Canal SOV/99-59-10-1/11

the control devices on the main and subsidiary canals will be automated and telemechanized. The hydraulic installations in the internal farm irrigation networks will be fitted with automatic hydraulic gates and water meter devices. The author then gives a very detailed account of the basic aspects of the design and construction of the South Golodnaya Step' Canal. There are 8 diagrams, 2 tables and 1 map.

ASSOCIATION: Sredazgiprovodkhlopok

Card 3/3

ZAKHIDOV, A., BENYAMINOVICH, E.M., OZERSKIY, YE.

Technical and economic aspects of irrigation and drainage of the Golodny Steppe.

Report submitted to the Conf. on the Application of Science and Technology for the Benefit of the Less Developed Areas.
Geneva, Switzerland 4-20 February 1963

BUZUNOV, I.A., dots.; GRIBANOV, I.I., dots.; IVANOV, A.I., prof. [deceased]; MASLOV, N.I., dots.; RACHINSKIY, A.A., dots.; TROITSKIY, A.A., dots.; TROITSKIY, A.V., prof.; KHORST, G.O., dots.; BEN'YAMINOVICH, E.M., retsenzent; KRITSKIY, V.M., retsenzent; POYARKOV, V.F., retsenzent; NATURIN, S.I., spets. red.; TIKHONOVA, I., red.; BAKHTIYAROV, A., tekhn. red.

[Manual for hydraulic and irrigation engineers] Spravochnik gidrotekhnika-irrigatora. [By] I.A. Buzunov i dr. Tashkent, Gosizdat UzSSR. Pt.1. 1962. 442 p. (MIRA 16:7)
(Hydraulic engineering) (Irrigation)

BEN'YAMINOVICH, I.M., inzhener; BOGACHEVSKIY, S.I., inzhener.

Use of fork and lift loading trucks in building construction. Mekh.trud.rab. 7 no.9:32-33 S '53. (MIRA 6:9)

(Fork lift trucks)

BEN'YAMINOVICH, I.M., inzhener; BOBROV, K.L., inzhener; CHEREPAKHIN, N.D.

Experience in protecting the base against freezing in building foundations. Stroi.prom. 32 no.9:29-31 S '54. (MLRA 7:11)

1. Trest Tagilstroy (for Cherepakhin)
(Foundations) (Building--Cold weather conditions)

BEN'YAMINOVICH, I.M., glavnyy inzh.; SHAPIRO, F.B., zamestitel' glavnovo inzh.; BOGDANOVICH, M.I.

Rapid construction of the "650" rolling mill in Nizhniy Tagil. Prom. stroi. 37 no.4:37-47 Ap '59. (MIRA 12:6)

1.Ordena Lenina trest Tagilstroy. 2.Zamestitel' nachal'nika proizvodstvennogo otdela Ordena Lenina tresta Tagilstroy (for Bogdanovich).

(Nizhniy Tagil--Rolling mills)

BEN'YAMINOVICH, I.M.; PALUYEV, L.V., inzh.

New methods for constructing cooling towers. Prom. stroi. 38 no.5: 18-21 '60. (MIRA 14:5)

1. Glavnyy inzh. tresta Tagilstroy (for Ben'yaminovich).
(Cooling towers)

BEN'YAMINOVICH, I., inzh.; CHULITSKIY, S., inzh.; ROZENFEL'D, L., kand.khim.nauk

Cementless autoclaved air-entrained cinder-flyash concrete. Stroitel'. no.7:3-7, 16-17 Jl '61. (MIRA 14:8)
(Nizhniy tagil--Lightweight concrete)

ROZENFEL'D, L.M., kand.khim.nauk; BEN'YAMINOVICH, I.M., inzh., BEREZIN, N.N., inzh.

Large autoclave-hardened aerated breeze and fly-ash concrete slabs made without using cement. Bet. i zhel.-bet. no.2:68-72 F '61. (MIRA 14:2)

(Concrete slabs) (Lightweight concrete)

LEVIN, M.; VOYNICH, N.; BEN'YAMINOVICH, I.

New technique for manufacturing slabs of cellular concrete. Na stroi. Ros. no.9:19-21 S '61. (MIRA 14:10)

1. Rukovoditel' laboratorii tekhnologii avtoklavnykh izdeliy Nauchno-issledovatel'skogo instituta po stroitel'stvu, Sverdlovsk (for Levin). 2. Glavnyy tekhnolog upravleniya stroitel'stva Sverdlovskogo sovnarkhoza (for Voynich). 3. Glavnyy inzh. tresta Tagilstroy (for Ben'yaminovich).
(Lightweight concrete)

BEN'YAMINOVICH, I., laureat Leninskoy premii

With the spark of creative genius. Na stroi.Ros. 3 no.9:2-4 S '62. (MIRA 15:12)

1. Glavnyy inzhener Gosudarstvennogo trusta stroitel'nykh predpriyatiy g. Nizhniy Tagil.
(Construction equipment)

ROZENFEL'D, L.M., kand.khim.nauk; BEN'YAMINOVICH, I.M., laureat Leninskoy premii; BEREZIN, N.N.; NEYMAN, A.G.; VASIL'YEVA, T.D.

Possibilities of using acid blast-furnace and open-hearth waste slags for the production of cellular concretes. Stroi. mat. 9 no.2:26-28 F '63. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Rozenfel'd, Vasil'yeva). 2. Glavnyy inzh. Gosudarstvennogo tresta stroitel'nykh predpriyatiy. g. Nizhniy Tagil (for Ben'yaminovich). 3. Nachal'nik tsentral'noy laboratorii Gosudarstvennogo tresta stroitel'nykh predpriyatiy g. Nizhniy Tagil (for Berezin).

(Slag) (Lightweight concrete)

POPKO, V.N., inzh.; BEN'YAMINOVICH, I.M., inzh.; BEREZIN, N.N., inzh.; GRIGOR'YEV, Yu.M., inzh.

Manufacture of large reinforced concrete elements made with a lime-slag binder. Bet. i zhel.-bet. 9 no.2:60-63 F '63. (MIRA 16:5)

(Precast concrete--Testing) (Binding materials)

VEKSLER, V.I.; BEN'YAMINOVICH, M.B.

Surface ionization during the evaporation of certain metals. Dokl.AN Uz.SSR no.9:35-37 '56. (MIRA 12:6)

1. Sredneaziatskiy gos.universitet im. V.I.Lenina. Predstavleno akademikom AN UzSSR S.U.Umarovym.
(Ionization) (Metals)

L 29091-66 EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6019399 SOURCE CODE: UR/0181/65/007/006/1623/1629

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B

AUTHOR: Ashmyanskiy, R. A.; Ben'yaminovich, M. B.; Veksler, V. I.

ORG: State University im. V. I. Lenin, Tashkent (Gosudarstvennyy universitet)

TITLE: Properties of the focusing of atomic collisions in cathode atomization of tungsten and molybdenum monocrystals

SOURCE: Fizika tverdogo tela, v. 7, no. 6, 1965, 1623-1629

TOPIC TAGS: single crystal, tungsten, molybdenum, angular distribution, atomization

ABSTRACT: Energy and angular distributions of the flux of scattered atoms issuing from tungsten and molybdenum monocrystals were studied by means of mercury ions. It was shown that slower particles are better focused in the <111> direction and faster particles focus better in the <100> direction. As the energy of primary ions increases, the flux of particles in the <100> direction increases in comparison with the flux of particles in the <111> direction. The authors express gratitude to O. D. Protopopov for placing monocrystal samples at their disposal. Orig. art. has: 5 figures and 2 formulas.

SUB CODE: 20, 11 / SUBM DATE: 21Oct64 / ORIG REF: 005 / OTH REF: 005

Card 1/1 cc

VEKSLER, V.I.; BEH'YAMINOVICH, M.B.

Secondary ion emission of molybdenum following its bombardment by positive cesium ions, sodium and potassium spray coating and oxygen interaction. Trudy SAGU no.91:57-66 '57. (MIRA 11:2)
(Thermionic emission) (Molybdenum)

BEN'YAMINOVICH, M.B.; VEKSLER, V.I.

Distribution by energies of the products of cathode sputtering of metals by mercury ions. Izv. AN Uz.SSR. Ser. fiz.-mat. nauk 7 no.3:29-37 '63. (MIRA 16:8)

1. Tashkentskiy gosudarstvennyy universitet imeni V.I. Lenina.

BEN'YAMINOVICH, M.B.

Passage of electrostatic electron emission into a vacuum arc. Nauch. trudy TashGu no.221.Fiz. nauki no.21:155-160 '63. (MIRA 17:4)

ACCESSION NR: AP4013430 S/0057/64/034/002/0361/0368

AUTHOR: Ben'yaminovich, M.B.; Veksler, V.I.

TITLE: Investigation of the energy distribution of nickel atoms formed by cathode sputtering of nickel by mercury ions

SOURCE: Zhurnal tekhn.fiz., v.34, no.2, 1964, 361-368

TOPIC TAGS: cathode sputtering, sputtered atom energy distribution, sputtering cathode temperature effect, nickel, mercury

ABSTRACT: The energy distribution of neutral atoms formed by cathode sputtering of nickel by 200 to 800 eV mercury ions was investigated by a modification of the method of R.E.Honig (J.Appl.Phys.29,549,1958) and R.C.Bradley (Ibid.30,1,1959). The investigation was motivated at least in part by the fact that the authors were not convinced by the argument of G.Wehner (Ibid.31,1392,1960) that the momentum of the reflected particles could be neglected in his method. Nickel was chosen as the working material because it is easily distinguished from mercury in the mass spectrometer. The mercury ions were formed in an arc similar to that employed by G.Wehner (Phys.Rev.114,1270,1959). The nickel target was mounted near the wall of the dis-

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ACCESSION NR: AP4013430

charge chamber in the region beyond the principal anode, normally filled with an essentially equipotential plasma. Opposite the target was a graphite extraction electrode with an opening to permit access of the ions to the high vacuum portion of the apparatus. Neutral atoms ejected by mercury ion bombardment of the target, which was made 200 to 800 V negative with respect to the plasma, were ionized by electron impact while traversing the plasma. The ions thus formed passed through the opening in the extraction electrode and were focused and analyzed by an electrostatic system. The final analysis of the ions was performed by a mass spectrometer. Ions formed directly on the target were unable to escape because of the accelerating field. The many conditions that must be met in order that the experimental method give reliable results are discussed in considerable detail. It is concluded that these conditions are met for energies greater than about 10 eV, but that ions of lower energy interact significantly with the fields in the plasma and at its boundaries. For these low energies, other methods of investigation must be developed. The energy distribution of sputtered atoms was investigated as a function of target temperature. The temperature had no effect until appreciable vaporization set in at about 1000°C. At higher temperatures the number of low energy atoms rose sharply, while the number of high energy atoms remained essentially

Card 2/3

ACCESSION NR: AP4013430

unchanged. "Student D.Rumi participated in the experiments and the authors express their gratitude to him." Orig.art.has: 3 formulas and 4 figures.

ASSOCIATION: Gosudarstvenny*y universitet im.V.I.Lenina, Tashkent (State University)

SUBMITTED: 03Dec62 DATE ACQ: 26Feb64 ENCL: 00

SUB CODE: PH NR REF SOV: 005 OTHER: 006

Card 3/3

BEN'YAMINOVICH, M.B.; VEKSLER, V.I.

Energy distribution of nickel atoms obtained in the cathode sputtering of nickel by mercury ions. Zhur. tekh. fiz. 34 no. 2:361-368 F '64. (MIRA 17:6)

1. Gosudarstvennyy universitet imeni V.I.Lenina, Tashkent.

BENYAMINOVICH, M.B.; VEKSLER, V.I.

Energy distribution of sputtered atoms appearing during the bombardment of metals by mercury ions. Izv. AN SSSR. Ser. fiz. 28 no.8:1387-1389 Ag '64 (MIRA 17:10)

BENYAMINOVICH, M. M.

USSR/Medicine - Roentgenology FD-710

Card 1/1 : Pub 132 21/22

Author : Beniaminovich, M. M., Candidate Medical Sciences

Title : Calcification of soft tissues during schleroderma

Periodical : Vest. Rent. i Rad. 88-91, May/June 1954

Abstract : Schleroderma is usually accompanied by a destruction of the bone tissues, especially at the phalanx joints. X-ray examination reveals calcium deposits surrounding practically all of the phalanx joints. Four photographs (three X-rays). No references.

Institution : Chair of Roentgenology, Rostov-on-Don Medical Institute (Chief - Professor I. I. Dombrovskiy)

Submitted : Presented at the meeting of the Rostov-on-Don Scientific Society of Roentgenologists on December 13, 1951

LERMAN, M.I.; BENYUMOVICH, M.S.

Effect of mitomycin C, actinomycin C and puromycin on protein synthesis in cellular strains obtained from human tumors. Dokl. AN SSSR 162 no.4:956-959 Je '65. (MIRA 18:5)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR i Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR. Submitted July 6, 1964.

B

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Thermodynamic Properties of Nitrogen at Low Temperatures and at Pressures Up to 200 Atm. (In Russian.) S. Ya. Gersh and O. A. Ben'yaminovich. *Kislorod* (Oxygen), v. 4, Sept. Oct. 1947, p. 21-26.

Proposes use of new types of diagrams for determination of entropy and enthalpy under above conditions. These permit graphic integration to be made with an error of about 1.3%. Includes 4 large folding charts. 14 ref.

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A

Separation of gas mixtures by the condensation process. O. A. Benyaminovich. *Kislorod* 4, No. 1, 27-30(1947). *Chem. Zentr.* (Russian Zone Ed.) 1949, I, 720.—The condensation process is not adapted for the sepn. of air into relatively pure O and N. It can be used for the preliminary partial sepn. with subsequent rectification. M. G. M.

BEN'YAMINOVICH, O.A.

Helium production in the United States.Gaz.prom.no.12:32-36 D '56.
(MLRA 10:1)

(United States--Helium)

NAMIOT, A.Yu. [translator], kand. khim. nauk; BEN'YAMINOVICH, O.A., [translator], kand. tekhn. nauk; KLEDZENOVA, K.F., vedushchiy red.; POLOSINA, A.S., tekhn. red.

[Phase equilibria of light hydrocarbons; collection of articles from foreign journals] [Translated from the English] Fazovye ravnovesiia legkikh uglevodorodov; sbornik statei iz inostrannykh zhurnalov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 160 p. (MIRA 11:10)
(Hydrocarbons) (Phase rule and equilibrium)

BERYAMINOVICH, O. A.

.12(5) SOV/1868

[illegible]

Pod redaktsiyu glavnogo gornyakhimenerta SSSR; materialy Vsesoyuznogo soveshchaniya (Trends in the Development of the Gas Industry in the USSR; Materials Presented at the All-Union Conference) Moscow, Gostoptekhizdat, 1958. 452 p. 3,000 copies printed.

Eds: A.B. Kusto, B.S. Tkachenko, P.G. Kuzmenkov, Ye.A. Krems, V.I. Popov, V.S. Shaban, S.I. Sputnov, P.A. Tsaney, A.S. Zil'berlich; Exec. Ed.: E.I. Shepeshenko and N.N. Novikova; Tech. Ed.: L.A. Bukhina; Editorial Board: M.V. Sidorenko (Chief Ed.), L.S. Kurumbo, Ye.A. Krems, V.S. Shaban, and S.I. Sputnov.

PURPOSE: The book is intended for specialists engaged in the production and gathering of natural gas, the extraction of gas from coal and shale, the construction and operation of trunk gas pipelines, gas supply to cities, and the processing of gas.

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COVERAGE: The authors review the basic trends in the development of the USSR gas industry, the prospecting and exploration of new gas deposits, the gasification of solid fuels, the gathering and utilization of natural gas, the construction of gas field operations, the exploitation of gas wells, and ways to increase output. They further discuss the processing of natural gas with application of refrigeration, the experience gained in the laying and operating of trunk gas pipelines, the construction of gas pipeline operation, and underground gas storage facilities. There are no references.

TABLE OF CONTENTS:

Trends in the Development of the Gas (Cont.) SOV/1868

Card 5/11

BEN'YAMINOVICH, O.A.; TABUNSHCHIKOVA, O.K.; VELIKOVSKIY, A.S.

Sources of cold for separating the condensate from the gas of gas-condensate wells. Gaz.prom. 5 no.3:4-9 Mr '60. (MIRA 13:6)

(Condensate oil wells)

BEN'YAMINOVICH, O.A.; TABUNSHCHIKOVA, O.K.; VELIKOVSKIY, A.S.

Methods for calculating the process of the low-temperature separation of natural gas. Trudy VNIIGAZ no.17:115-124 '62. (MIRA 15:12)
(Gas, Natural—Separation)

SARKIS'YANTS, Gayk Arkad'yevich; BEN'YAMINOVICH, Osip Aleksandrovich; KEL'TSEV, Vladimir Vladimirovich; KEL'TSEV, Nikolay Vladimirovich; POLOZKOV, Vladimir Tikhonovich; KHALIF, Al'bert L'vovich; KHODANOVICH, Ivan Yefimovich; RAABEN, V.N., kand. tekhn. nauk, retsenzent; PLETNEV, K.N., inzh., red.; LEVINA, Ye.S., ved. red.; POLOSINA, A.S., tekhn. red.

[Processing and utilization of gas] Pererabotka i ispol'zovanie gaza. [By] G.A. Sarkis'iants i dr. Moskva, Gostoptekhizdat, 1962. 216 p. (MIRA 16:3)

1. Kafedra gaza Azerbaydzhanskogo ordena Trudovogo Krasnogo Znameni instituta nefti i khimii im. M. Azizbekova (for Raaben, Pletnev).
2. Zamestitel' direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta gazovoy promyshlennosti (for Raaben).
(Gas, Natural)
(Gas industry--Equipment and supplies)

OGANYAN, V.; FILIPENKO, T.; GERMAS, M., inzh.; PETERSON, A., inzh.; BEN'YAMINOV, S., inzh.; GLEBOV, V., inzh.

Exchange of experience. Avt. transp. 43 no.4:49-52 Ap '65. (MIRA 18:5)

REN'YAMINOV, S.L., inzh.

Machine for concreting channel banks. Stroi. i dor. mash. 10 no.4:21-22 Ap '65. (MIRA 18:5)

BEN'YAMIN'SH-MARKIS, L.A. [Benjamins-Markis, L.]

Forensic psychiatric expertise on simple and pathological intoxication. Sud.-med.ekspert. 6 no.1:45-48 Ja-Mr '63. (MIRA 16:2)

1. Rizhskaya respublikanskaya psikhonevrologicheskaya bol'nitsa (glavnyy vrach Z.G. Sochneva).
(FORENSIC PSYCHIATRY) (ALCOHOLISM)

BEN'YAMINSON, V.Ye., inzh.; DOLIN, P.A., kand. tekhn. nauk; LYASHENKO, V.D., inzh.

New high-power laboratory for testing high-voltage apparatus. Elek. sta. 29 no.2:67-70 F '58. (MIRA 11:3)
(Electric laboratories)

[illegible], V.Ye., inzh.

[illegible] test center [illegible] Dell. [illegible]
[illegible] 23 Jl-Ag '5[illegible]. ([illegible])
(Villeurbanne, France--[illegible] laboratories)

BEN'YAMINSON, Ye.S.; PAVLOVSKIY, Ye.P., redaktor.

[Organization and methodology of disinfection; disinfection, and insect and rat extermination] Organizatsiia i metodika obessarazhivaniia; desinfektsiia, desinsektsiia i dermatizatsiia. Pod red. E.P. Pavlovskogo. Moskva, Izd-vo Akademii med. nauk SSSR, 1952. 78 p. (V pomoshch meditsinskim rabotnikam velikikh stroek kommunizma, no.6) (MLRA 7:11)

(Disinfection and disinfectants) (Rats--Extermination) (Insects, Injurious and beneficial)

BEN'YAMINSON, Ye.S.; GRABOYS, M.G.

Disinsection and disinfection with hot moist air (steam-air mixture) of greater number of objects under reduced exposure; authors' abstract. Zhur.mikrobiol.epid. i immun. 30 no.2:133-134 F '59. (MIRA 12:3)

1. Iz Moskovskoy gorodskoy dezinfektsionnoy stantsii.
(DISINFECTION AND DISINFECTANTS)

VASHKOV, V.I., prof., red.; BEN'YAMINSON, Ye.S., red.; BALDINA, N.F., tekhn. red.

[Methods for studying disinfectant, insecticidal and deratting preparations] Metody issledovaniia dezinfektsionnykh, dezinsektsionnykh i deratizatsionnykh preparatov. Moskva, Medgiz, 1961. 235 p. (MIRA 15:2)
(DISINFECTION AND DISINFECTANTS) (INSECTICIDES)
(RAT BAITS AND REPELLANTS)

VASHKOV, Vasiliy Ignat'yevich; SHNAYDER, Yevgeniya Vasil'yevna; BENYAMINSON, Ye.S., red.; ZUYEVA, N.K., tekhn. red.

[Chlorophos (dipterex); insecticidal properties and uses] Khlorofos; insektitsidnye svoistva i primenenie. Moskva, Medgiz, 1962. 181 p. (MIRA 15:4)
(Insecticides) (Phosphoric acid)

Carbohydrate metabolism in eczema sufferers

CA

1

Pyrometer for measuring the temperature of gases
K. B. Bespaminovich. Russ. 68,906, April 30, 1940.
Constructional details.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

PROCESSES AND PROPERTIES INDEX

Preparations of the products of disintegration of skin proteins and their use for the study of reactivity of the skin. A. P. Sofronova and E. B. Ben'yamovich. *Vestnik venerologii dermatologii* 1946, No. 1, 17-20. The authors prepd. degradation products of skin proteins by treatment with 1-5% HCl at 50-100°, followed by neutralization to pH 7. These prepns cause intense reaction in traumatic injury to the skin and in cases of bacterial dermatitis. The intensity of the reaction is thought to be due to sensitization of the patients to the protein-decompn. products. The products appear to be of high mol. wt. The products are not classifiable as the usual lysates. Besides the size of the hive produced by injections of these prepns., the duration of the reaction is characteristically prolonged. G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

BEN'YAMOVICH, Ye. B.

PA 65/49193

USSR/Medicine - Penicillin, Toxicity Allergy, Anaphylaxis Jan/Feb 49

"Rash (Eruptions) Caused by Penicillin," Prof L. N. Mashkilleyson, Ye. B. Ben'yamovich, Cand Med Sci, Clinic of Skin Diseases, Cen Inst of Skin and Venereal Diseases, Min of Pub Health USSR, 1 p

"Vest Venerol i Dermatol" No 1

Data obtained from several case histories indicated that penicillin not only cures certain fungus diseases of the skin but also causes secondary complications in the form of skin rash. Recommends allergic test before [redacted]

65/49193

USSR/Medicine - Penicillin, Toxicity (Contd) Jan/Feb 49

penicillin therapy. Claims that this rash may be the direct result of penicillin allergy or para-allergic nature of the patient.

[redacted]

65/49193

BEN'YA'OVICH, Ye.B.; GITMAN, S.M.; BAGAYEVA, M.I.

Problems in the treatment of sycosis. Vent. ven. i derm. no.4: 14-15 Jl-Ag '55. (MLRA 8:12)

1. Iz otdela dermatologii (zav.-prof. L.K.Mashkilleyson) TSentral'nogo kozhnovenerologicheskogo instituta Ministerstva zdravookhraneniya SSSR (dir.-kandidat meditsinskikh nauk N.M.Turanov)
(SYCOSIS, therapy)

BEN'YAMOVICH, Ye. B.

USSR/Pharmacology. Toxicology. Vitamins. V

Abs Jour: Ref. Zhur. - Biol., No 22, 1958, 102871

Author : Mashkilleyson, L. N.; Ben'yamovich, Ye. B.

Inst : Military Medical Academy

Title : The Influence of Vitamin B_1 on the Course of the Inflammatory Process in the Skin.

Orig Pub: Tr. Voyen.-med. adak., 1957, 68, 160-164

Abstract: In 200 patients with various forms of eczema, a beneficial influence was rendered by intravenous introduction of vitamin B_1 (15-20 mg each daily) without combination with any other form of treatment. Treatment with B_1 is particularly effective in patients with a prevalence of tonus of the sympathetic nervous system.

Card 1/1

ZHURAVLEV, B.Ya.; BEN'YAMOVSKIY, V.N.

Some species of spores form the Middle-Devonian coals of the southwestern spurs of the Chingiztau (central Kazakhstan). Vest. Mosk. un. Ser. 4: Geol. 19 no.4:22-26 Jl-Ag '64. (MIRA 17:11)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo universiteta.

BEN'YASH, Ye.Ya.; MASLAKOVA, T.G.

Solubility of lead chloride in the system $PbCl_2 - CaCl_2 - ZnCl_2 - H_2O$. Zhur. prikl. khim. 36 no.10: 2297-2300 O '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov.

BEN'YASH, Ye.Ya.

Influence of the outer-sphere cation on the stability of alkali and cadmium chloride complexes at high concentrations of the metals. Zhur. neorg. khim. 9 no.12:2726-2730 [illegible].

1. Vsesoyuznyy nauchno-issledovatel'skiy [illegible] institut tsvetnykh metallov.

BENYASH, Ye.Ya.; MASLAKOVA, T.G.

Potentiometric stability study of zinc, cadmium, and lead chloride complexes in calcium chloride solutions. Zhur. neorg. khim. 9 no.12: 2731-2733 D '64.

(MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy gorno-metallurgicheskiy institut tsvetnykh metallov.

SHUL'MAN, G.S., inzh.; BENYAVSKIY, F.Sh., inzh.

High-frequency potential on the case of a marine radio transmitter. Biul.tekh.-ekon. inform. Tekh.upr.Min. mor.flota 7 no.11:26-31 '62. (MIRA 16:9)

(Radio--Installation on ships)

SUTY, Ladislav, inz.; MAHDALIK, Miroslav, inz., CSc.; MENYE, Frantisek, inz.

Ultraviolet spectrophotometric determination of linoleic and linolenic acids in poplar extracts. Papir a celulosa 18 no.12 237-238 D '63.

1. Katedra chemickej technologie dreva a chemickych vlaken, Slovenska vysoka skola technicka a Chemicky ustav Slovenskej akademie vied, Bratislava.

[illegible], A.

Full utilization of [illegible] capacity and loading space in the transportation of various kinds of merchandise.

[illegible] 77% (Hungary, Kozponti Statisztikai Tenacs. [illegible] Vol. 13, [illegible], Nov. [illegible]. Budapest, Summary)

Monthly Index of East European Accessions (EEI) [illegible]. Vol. [illegible], [illegible]. 2, February 1958

SZABO, Dezso, dr.; CSANADI, Gyorgy, dr.; SARLOS, Istvan; KADAS, Kalman, dr., kandidatus; GYULAI, Geza; VILMOS, Andre, dr.; NAGY, Rudolf, fopernok KOLLER, Sandor, adjunktus; TURANYI, Istvan, dr., tanszekvezeto egyetemi tanar; BENYEI, Andras, dr.; BARANSZKY JOB, Imre; BORBOS, Jozsef, dr., egyetemi tanar; HEGYI, Kalman

The 5th Conference on City Transportation. Epites kozleked tud kozl 7 no.3:341-346 '63.

1. Committee of Highway and City Transportation, Hungarian Academy of Sciences, Budapest (for Csanadi). 2. Executive Commission, Capital City Council, Budapest (for Sarlos). 3. Faculty of Transportation Engineering, Technical University of Building and Transportation, Budapest (for Kadas).4. Head, Directorate of Transportation, Executive Commission, Capital City Council, Budapest (for Gyulai). 5. Technical University of Building and Transportation, Budapest (for Vilmos and Turanyi). 6. Directorate of Transportation, Executive Commission, Capital City Council, Budapest (for Rudolf Nagy). 7. Chair of Road Construction, Technical University of Building and Transportation, Budapest (for Koller). 8. Research Group of Transportation, Hungarian Academy of Sciences, Budapest (for Benyei). 9. National Committee on Technical Development, Budapest (for Baranszky Job). 10. Road and Railroad Planning Enterprise, Budapest (for Hegyi).

BENYEI, Andras, dr., a muszaki tudomanyok kandidatusa, tudomanyos munkatars; KALNOKI KIS, Sandor, oklevelos mernok, egyetemi tanarseged

Taking streetcar traffic into consideration in determining the capacity of the circles in Budapest. Kozl tud sz 13 no.5:226-233 My '63.

1. Magyar Tudomanyos Akademia Kozlekedestudomanyi Munkakozossege (for Benyei).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000200020010-6"

BENYFI, Andras, dr., a muszaki tudomanyok kandidatusa, [illegible]

Analysis of the Budapest normal highway traffic as a basis for planning in traffic engineering. Kozl Tud az IS no.3:113-121 Mr '63.

1. Research Group of Transportation of the Hungarian Academy of Sciences, Budapest.

BENYEI, Karoly

Examination of short-size rotary furnaces. Veszprem megyei egy kozl 4 no.4:295-296 '60

1. Epitemugyi Miniszterium Cement- es Meszipari Iparagazat, Budapest.

BENYEI, Karoly, foelnado; KASKASSY, Gyula, foelnodo.

Twenty years of the development of the cement and coarse ceramic industry. Epites szemle 8 no.3:71-76 '64.

1. Department of Technical Development, Ministry of Building, Budapest.

BURYEVA, T. Ya.

"Velocity of Ultrasonic Waves in Nickel Alloys and Their Properties."

[illegible] Nickel-Base Alloys. [illegible], [illegible], [illegible] - [illegible].

BENYI, Pal; Dr.

Open transplantation of skin as interpositum in newly built joints. Magy sebeszet 11 no.1:34-38 Feb 58.

1. Nyormek Gyermekek All. Korhaza kozlemenye. Igazgato: Reichard Jozsef dr., egyetemi docens.

(JOINTS, surg.
arthroplasty, open transpl. of skin as interpositum (Hun))
(SKIN TRANSPLANTATION
open transpl. of skin as interpositum in arthroplasty (Hun))

EXCERPTA MEDICA Sec 6 Vol 13/8 Surgery August 60

4236. (1096) THE RESULTS OF EGGERS' OPERATION AS A TREATMENT OF THE GAIT DISTURBANCES IN CEREBRAL SPASTIC PARALYSIS - A cerebralis spasticus paralysisből eredő járászavarok gyogyítása az Eggers-féle mutéttel - Bányi P. Nyomorék Gyermekek Állami Kórházának Közl. - ORV.HETIL. 1953, 99/30 (1040-1042) Illus. 4

The essence of the operation is: the transplantation of the pelvicrural flexors of the knee from the tibia to the femoral condyles. Thus the faulty bodily carriage of the spastic is completely changed, as the strong knee flexors now become hip extensors and can also raise the trunk. After the operation a plaster of paris is applied to the hips for 2-3 weeks and then the walking exercises begin. On the basis of 80 cases successfully operated on the author also recommends this operation for those patients suffering from strong hip and knee flexor spasms (Little's disease).

Pap - Debrecen (IX, 19)

BENYI, P.

Repair of inveterated ruptures of the achilles tendon by means of freely transplanted whole-thickness skin grafts. Acta chir. Acad.Sci Hung 2 no.1:83-97 '61.

1. From the Hospital for Crippled Children, Budapest (Director: J.Reichard).
(HEEL surg)
(SKIN TRANSPLANTATION)

[illegible], S. : KUTI[illegible].

"[illegible] of Establishing Norms for the Nearing out of [illegible]," [illegible] (TOLE[illegible] [illegible], Vol. [illegible], No. [illegible], [illegible] 1963, Budapest, [illegible])

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. [illegible], No. 1, Jan. 1964, Incl.

MII, [illegible]

Norms for durability of the cutting tools of cold presses. p. 339.
GEP. Budapest. Vol. 7, no. 9. Sept. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. [illegible]. Feb. 1956.

BENYI, Sandor

Work time required for the manufacturing of cutting devices. Gep 12 no.1:22-24 Ja '62.

1. A KGM Iparagazdasagi es Uzemszervezesi Intezet muszski foeloadoja.

BENYKOVICS, I.L.

Structural and morphological changes in the cerebral cortex and vascular system of the cerebral ventricles in morbilli infection. Gyermekgyogyaszat 12 no.5:129-141 My '61.

1. A Laganszki Allami Orvostudomanyi Egyetem Idegklinikajanak kozlemenye (Igazgato: Prof. I.L. Benykovics)

(MEASLES pathol.) (CEREBRAL CORTEX pathol.)
(CEREBRAL VENTRICLES pathol.)

HENYO, Andre, dr.

Law on prevention of communicable diseases. Nepegeszsegugy 35 no.7: 169-175 July 54.

(COMMUNICABLE DISEASES, legislation
Hungary)
(LEGISLATION, MEDICAL
commun. dis. control in Hungary)

JAKAB, T.; BENYO, I.

Significance of lyophilization in vascular surgery. Magy. sebeszet 11 no.4:181-135 Aug 58.

1. A Budapesti Orvostudomanyi Egyetem III. sz Sebeszeti Klinikajanak (Igazgato: Rubanyi Pal dr. egyetemi tanar kozlemenye.
(BLOOD VESSELS, transpl.
lyophilized grafts, evaluation (Hun))

KATONA, Ferenc, Dr.; BENYO, Imre, Dr.; LANG, Istvan, Dr.

Electrotherapy of various paralytic conditions of the gastrointestinal tract; data on the pathophysiology of the smooth musculature. Magy. sebeszet 12 no.1:53-56 Mar 59.

1. A Budapesti Orvostudomanyi Egyetem III. sz. Sebeszeti Klinikajanak (Igazgato: Rubanyi Pal dr.) es az Orszagos Idegsebeszeti Tudomanyos Intezet (Igazgato: Zoltan Laszlo dr.) kozlemenye.

(GASTROINTESTINAL DISEASES, ther.
hypotonic & spastic cond., direct intraluminal electrostimulation, pathophysiol. aspects (Hun))
(ELECTROTHERAPY, in various dis.
hypotonic & spastic cond. of gastrointestinal system, direct intraluminal electrostimulation, pathophysiol. aspects (Hun))

KATONA, Ferenc, Dr.; BENYO, Imre, Dr.; LANG, Istvan, Dr.

Stimulation of the gastrointestinal tract by quadrangular current in animal experiments and clinical cases; preliminary report. Orv. hetil. 100 no.1:24 4 Jan 59.

1. Az Orszagos Idegsebeszeti Tudomanyos Intezet (igazgato: Zoltan Laszlo dr.) es a Budapesti Orvostudomanyi Egyetem III. sz. Sebeszeti Klinikajanak (igazgato: Rubanyi Pal dr.) kozlemenye.

(GASTROINTESTINAL DISEASES, ther.
hypotonic & spastic cond., direct stimulation of gastrointestinal tract with quadrangular current, exper. & clin. studies (Hun))

(ELECTROTHERAPY, in various dis.
hypotonic & spastic cond. of gastrointestinal system, direct stimulation with quadrangular current, exper. & clin. studies (Hun))

BENYO, Imre, dr.; HORANYI, Janos, dr.

Choledochal cyst. Magy. sebesz. 15 no.6:400-403 D '62.

1. A Budapesti Orvostudomanyi Egyetem II. sz. Sebeszeti Klinikajanak kozlemenye Igazgato: Rubanyi Pal dr. egyetemi tanar.
(CYSTS) (COMMON BILE DUCT)

HUNGARY

BENYO, Imre, Dr, IHASZ, Mihaly, Dr, FUJY, Fridolin, Dr; Medical University of Budapest, II. Surgical Clinic (Budapesti Orvostudomanyi Egyeten, II. sz. Sebeszeti Klinika) (director: RUFANYI, Pal, Dr, professor).

"Electric Intraluminal Stimulation of the Duodenum and the Micromotility of the Intestines."

Budapest, Magyar Sebeszet, Vol XVI, No 5, Oct 63, pages 282-284.

Abstract: [Authors' Hungarian summary] In dogs under chloralose anesthesia, the intraduodenal square wave electric stimulation of the duodenum or the jejunum has no effect on the micromotility, that is, the motion of the villi, as opposed to its effect on the macromotility of the intestines. Although a tonic shortening of the villi and corresponding anemia is seen closely around the stimulating electrode, distant effects are absent. The arterial blood pressure remains unchanged during intraluminal stimulation of the duodenum or the jejunum. 5 Hungarian, 4 Western references.

1/1

L 15480-66

ACC NR: AT6007440 SOURCE CODE: HU/2505/65/026/001/0045/0045

AUTHOR: Gati, T.; Harmos, G.; Selmeci, L.; Benyo, I.

ORG: Institute of Pathophysiology, Medical University of Budapest, Budapest (Budapesti Orvostudomanyi Egyetem, Korelettani Intezet)

22

B+1

TITLE: Role of serotonin in experimental dumping syndrome [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 45

TOPIC TAGS: serotonin, blood pressure, dye chemical, digestive system, dog, chlorinated aromatic compound, drug effect, pharmacology, animal physiology

ABSTRACT:

It was shown earlier in dogs that the intravenous infusion of serotonin influenced the regulation of blood pressure in a manner which can be observed in the experimental dumping syndrome. The azo dyes administered intravenously stain the enterochromaffin cells of the intestinal mucosa. The combining of the dye and serotonin

Card 1/2

L 15486-66
ACC NR: AT6007440

can also take place in vitro. Following the intravenous administration of 5-chloro-o-toluidine, the dumping syndrome can not be induced by the intraduodenal infusion of a hypertonic solution or oil. This observation lends support to the view that serotonin plays a role in the dumping syndrome. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

L 32223-66

ACC NR: AP6020837 SOURCE CODE: HU/0018/65/017/005/0449/0453

AUTHOR: Benyo, Imre; Fusy, Fridolin; Gorgo, Pal; Ihasz, Mihaly; Samson, Lenke (Technical assistant); Varga, Lajos (Technical assistant) 22 B

ORG: II. Surgical Clinic, Medical University of Budapest (II. sz. Sebeszeti Klinika, BOTE -- Budapesti Orvostudomanyi Egyetem)

TITLE: Acidification of the duodenum 32 and the elimination of Bromsul phalein from the blood

SOURCE: Kiserletes orvostudomany, v. 17, no. 5, 1965, 449-453

TOPIC TAGS: liver, drug effect, blood

ABSTRACT: According to the results of studies performed on subjects with normal liver function, a dilute (2 ml/kg; 0.35 per cent) HCl solution, when injected into the duodenum, increases noticeably the elimination of bromsulphalein (Used for i.v. liver function tests) from the blood. Reference is made to the mechanism of the phenomenon. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Jul64 / ORIG REF: 005 / OTH REF: 009

Card 1/1

L 32239-66 RM

ACC NR: AP6020834 SOURCE CODE: HU/0036/65/072/006/0435/0441

AUTHOR: Benyo, Imre (Specialist secretary); Egyed, Imre (Specialist secretary); Lang, Istvan (Specialist secretary) 47 B

ORG: [Benyo] Department of Medical Sciences, MTA (Orvosi Tudomanyok Osztalya MTA); [Egyed] Department of Agrarian Sciences, MTA (Agrartudomanyok Osztalya MTA); [Lang] Department of Biology, MTA (Biologiai Osztalya MTA)

TITLE: Protein research and the application of its results in Hungary

SOURCE: Magyar tudomany, v. 72, no. 6, 1965, 435-441

TOPIC TAGS: protein, nutrition, biologic conference, biochemistry, agriculture science

ABSTRACT: The article is the report of a meeting on the subject, held 22 Apr and attended by members of the departments mentioned following the authors' names. A summary lecture was given by members of each department during the morning session followed by discussions and sectional lectures during the afternoon session. LANG, G. discussed "The Preparation and Use of Proteins in Hungarian Agriculture". The biological problems of protein supply and the possibilities which may be provided for their solution by theoretical and experimental biology were discussed by FELFOLDY, L. and DENES, G. Some of the other lectures were: "The Cooperative Action of the Forces Which Maintain the Structure of Globular Proteins" by ELODI, P.; "Helical Ribosome Structures" by ROHLICH, P., TOROK, L., and OLAH, I.; "Mechano-Chemical Coupling and Muscle Hypertrophy" by NIEDECZKY, A.; "Population Feeding and Medical Problems Related to Proteins" by SOS, J.; "Protein Digestion, Protein and Amino Acid Absorption" by KERTAI, P.; and "Protein Problems in Infants" by GERLOCZY, F. [JPRS]

SUB CODE: 06, 02 / SUBM DATE: none

Card 1/1

ACC NR: AP6020838 SOURCE CODE: HU/0018/65/017/005/0454/0457

AUTHOR: Benyo, Imre; Fusy, Fridolin; Ihasz, Mihaly; Varga, Lajos (Technical assistant); Samson, Lenke (Technical assistant)
ORG: II. Surgical Clinic, Medical University of Budapest (II. sz. Sebeszeti Klinika, BOTE -- Budapesti Orvostudomanyi Egyeten)

TITLE: Effect of short-wave irradiation of the liver on the elimination of bromsulphalein from the blood

SOURCE: Kiserletes orvostudomany, v. 17, no. 5, 1965, 454-457

TOPIC TAGS: liver, blood, radiotherapy, hematology, radiation biologic effect

ABSTRACT: On the basis of controlled studies performed on subjects with normal liver function, it has been determined that the elimination of bromsulphalein from the blood is significantly increased by 15 minutes of short-wave irradiation of the liver. As a result of the irradiation, the dye retention in the blood was decreased by 19 per cent within 7 minutes and by 54 per cent within 15 minutes, in comparison with the controls. The phenomenon is thought to be related to an increased liver perfusion due to the radiation. The clinical therapeutic aspects of this observation are discussed. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Jul64 / ORIG REF: 002 / OTH REF: 012

Card 1/1

HUNGARY

BENYO, Imre, Dr, IHASZ, Mihaly, Dr, REFI, Miklos, Dr; Medical University of Budapest, II. Surgical Clinic (director: RUBANYI, Pal, Dr, professor) (Budapesti Orvostudomanyi Egyetem, II. sz. Sebeszeti Klinika).

"Circulatory Effects Evoked From the Side of the Biliary Ducts."

Budapest, Magyar Sebeszet, Vol XIX, No 2, Apr 66, pages 110-114.

Abstract: [Authors' Hungarian summary] In dogs anaesthetized with chloralose, a 50-80 mm Hg increase in pressure through a cannula connected with the ductus choledochus results in a temporary decrease in arterial tension. A similar effect can be produced by mild palpation of the gall bladder. When the pressure is increased in the hepatic ducts, the phenomenon will be absent or minimal. The effect can also be evoked from the direction of the gall bladder and from the isolated ductus choledochus. The phenomenon will remain unaffected by intraabdominal or cervical, bilateral vagotomy. The effect will be inhibited by blocking the celiac ganglion with a 1 per cent Lidocain solution. The clinical aspects of the phenomenon are mentioned. 4 Hungarian, 5 Western references.

1/1

BENYO, P.

"Examination of the pressure course in a diesel motor with precombustion chambers." p. 116.

JARMUVEK MEZOGAZDASAGI GEPEK. (Gepipari Tudomanyos Egyesulet). Budapest, Hungary. Vol. 6, No. 4, 1959

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

BENYO, Pal

Investigating pressure processes in precombustion diesel engines. Jarmu mozo gep 6 no.4:116-127 '59.

1. Autokozlekedesi Tudomanyos Kutato Intezet.

GO[illegible]; [illegible]YO, Pal, okleveles gépészmérnök; [illegible], Jano, [illegible] gépészmérnök

Examination of the operation of the G[illegible]-Hydraulik type diesel injection pump. J[illegible] [illegible] 144,-53 159.

BENYO, Pal, dr. techn., okleveles gépészmérnök

Injection process testing by impulse meters. Magyar mérés évf 12 no.12:441-450 D '64.

1. Gamo-MAVAG.

BALKANYI, Gyorgy, okleveles villamosmernok, a muszaki tudomanyok kandidatusa, adjunktus; LENGO, Zoltan, okleveles villamosmernok, tanarseged. Elektrotechnika 56 no.9.[illegible]-415 S '63.

1. Budapesti Muszaki Egyetem Automatikai Tanszek, Budapest, XI., Egry Jozsef u.18.

BALKANYI, Gyorgy, okleveles villamosmernok, a muszaki tudomanyok kandidatusa, adjunktus.; BENYO, Zoltan, okleveles villamosmernok, tanarseged.

Analog computers. Elektrotechnika 56 no.11/12:557-564 N-D'63.

1. Budapesti Muszaki Egyetem Automatizalasi Tanszek, Budapest, XI., Egry Jozsef u.18.

BALKANYI, Gyorgy, okleveles villamosmernok, a muszaki tudomanyok kandidatusa, adjunktus; BENYO, Zoltan, okleveles villamosmernok, tanarseged

Analogue computers. Pt.3. Elektotechnika 56 no.10:454-463 O '63.

1. Budapesti Muszaki Egyetem Automatizalasi Tanszek, Budapest, XI., Egry Jozsef u.18.

BENYOVSZKY, Moric, fotechnologus; DERY, Ferenc; SZASZ, Jozsef; HORVATH, Jozsef; KALMAN, Lajos; SARI, Vince

Prevention of foundry hazards by technological measures. Koh lap 96 no. 5: Supplement: Ontode 14 no. 5: 106-112 My '63.

1. KGMTI (for Benyovszky).