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Source: East European Accessions List (EEAL), Lc, Vol. 5, No. 2, Feb. 1956

ALBRECHT, K.

SCIENCE

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(ANDROGENS metab) (STEROIDS metab) (FUNGI metab)

ALBRECHT, Karoly

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1. Textilipari Dolgozok szakszervezetenek sportfelelose.

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(PERIARTERITIS NODOSA, brain)
(BRAIN, blood supply, periarteritis nodosa)

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1. Institute for Virology, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALOMYELITIS, EQUINE, exper.
Western type of No. Amer. equine encephalomyelitis virus from Slovakia, morphopathol. of infect. in various animals.)

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in mice (Cz))

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(ENCEPHALOMYELITIS, EQUINE, virus
western equine encephalomyelitis virus, lipotropism in white mice)
(FATTY TISSUE
lipotropism of western equine encephalomyelitis virus in white mice)

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(COXSACKIE VIRUSES, infect.
parotid gland & other tissue affinity of type B1 viruses in mice)
(PAROTITIS, exper.
Coxsackie type B1 parotitis in mice)

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SCIENCE

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(ENCEPHALITIS,EPIDEMIC,experimental)

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(INFLUENZA immunol) (HEMAGGLUTINATION)

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(ENCEPHALITIS EPIDEMIC immunol) (IMMUNE SERUMS)
(GAMMA GLOBULIN)

BLASKOVIC, D.; MAKSIMOVIC, N.A.; STYK, B.; ALBRECHT, P.; technicka spolupraca ULBRIKOVA, R.; RAUS, J.

The course of adaptation of inhibitor resistance of influenza virus A2 for ferrets. Cesk. epidem. mikrob. imun. 10 no.3:158-165 '61.

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(INFLUENZA VIRUSES immunol.)

SOKOL, F.; HULKA, A.; ALBRECHT, P.

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1. Institute of Virology, Czechoslovak Academy of Sciences and Chair of Organic Chemistry, Slovak Technical Institute, Bratislava.
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1. Virologicky ustav CSAV, Bratislava.
(RETICULOENDOTHELIAL SYSTEM physiol.)
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The role of birds in a natural focus of tick-borne encephalitis. II. Experimental infection of great tits (Parus major L.) with tick-borne encephalitis virus. J hyg. epidem. 6 no.3:339-342 '62.

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Rapid diagnosis of influenza by the fluorescent antibody method.
Acta virol. 7 no.2:192 Mr '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, and Sanitary-epidemiological Department, Bratislava.
(INFLUENZA) (FLUORESCENT ANTIBODY TECHNIC) (DIAGNOSIS, LABORATORY)

REHACEK, J.; GRESIKOVA, M.; NOSEK, J.; ALBRECHT, P.

Experimental infection of the buzzard (Buteo buteo L.) with tick-borne encephalitis virus. J. hyg. epidem. 7 no.2:145-150 '63.

1. Virological Institute, the Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS VIRUSES) (TICKS)

ALBRECHT, P.; BLASKOVIC, D.; JAKUBIK, J.; LESSO, J.

Demonstration of pseudorabies virus in chick embryo cell cultures and infected animals by the fluorescent antibody technique. Acta virol. 7 no.4:289-296 Jl '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(HERPESVIRUS) (TISSUE CULTURE)
(FLUORESCENT ANTIBODY TECHNIC)
(VIRUS CULTIVATION) (ANTIGENS)

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

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

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(TISSUE CULTURE) (NEWCASTLE DISEASE VIRUS)
(HEMAGGLUTINATION) (FLUORESCENT ANTIBODY TECHNIC)
(HERPESVIRUS HOMINIS)

NOSEK, J.; KOZUCH, O.; LICHARD, M.; ERNEK, E.; ALBRECHT, P.

Experimental infection of the great dormouse (Glis glis) with tick-borne encephalitis virus. Acta virol. 7 no.4:374-376 Jl '63.

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

(TICKS) (ENCEPHALITIS)

CZECHOSLOVAKIA

BLASKOVIC, D., Academician; ALBRECHT, P.

Virological Institute of the Czechoslovak Academy of Sciences (Virologicky ustav Ceskoslovenskej akademie vied), Bratislava (for both)

Bratislava, Lekarsky obzor, No 9, 1963, pp 527-536

"Tick-borne Encephalitis as a Model of Arbovirus Encephalitides."

ALBRECHT, D. VILCEK, J.; MAYER, V.

The process of multiplication of tick encephalitis viruses in sensitive cells. Bratisl. lek. listy 43 no.2:88-96 '63.

1. Virologicky ustav CSAV v Bratislave, riaditel' akademik D. Blaskovic.
(VIRUS CULTIVATION) (ENCEPHALITIS, EPIDEMIC)
(INTERFERON) (TISSUE CULTURE)
(ENCEPHALITIS VIRUSES)

STYK, B.; LINK, F.; HANA, L.; ALBRECHT, P.

Interaction of myxoviruses with dextran sulfates. III. Ineffectiveness of dextran sulfates in experimental influenza infection of white mice. Acta virol. (Praha) [Eng.] 8 no.4: 327-334 Jl '64.

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

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

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

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

WALINEROVA, Z.; ALBRECHT, P.

Detection of Tahyna virus in tissue cultures by the florescent antibody technique. Acta virol. 8 no.5:474 S '64.

1. Institute of Epidemiology and Microbiology, Bratislava, and Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

ALBRECHT, Zinaida; VILBASTE, J., red.; SÜNDEMA, S., red.

[Estonian Orthoptera (Orthoptera s.Saltatoria)] Eesti sihktiivalised (Orthoptera s. Saltatoria). Tartu, Eesti NSV Teaduste Akadeemia, 1963. 146 p. [In Estonian]
(MIRA 17:6)

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2 cases of congenital toxoplasmosis demonstrated by the isolation of a strain of Toxoplasma. Bratisl. lek. listy 42 no.7:424-428 '62.

1. Z Katedry biologie Lek. Fak. Univ. Komenskeho, prednosta prof. MUDr. V. Vrsansky, a z Kliniky detskej a mozgovej chirurgie Lek. fak. Univ. Komenskeho v Bratislave, prednosta doc. MUDr. J.Zucha.

(TOXOPLASMOSIS in inf & child)
(INFANT NEWBORN dis) (HYDROCEPHALUS etiol)

ALBRECHTOVA-SIMURKOVA MILENA, M. D.

Work of the school doctor in the secondary and public schools in the second period of the school year 1948-1949. Lek. listy 5:13, p. 389-391.

1. Institute of Public Health (Director VratislavSuvadina, Head Referat VI.
2. Central School Health Advisory Board (Head--Docent. Jindrich Valsik, M. D. (RN).

CLML 19, 5, Nov., 1950

TRET'YAKOV, A.V., kand.tekhn.nauk; AL'BREKHT, E.G.; SOLOV'YEV, P.I., inzh.

Calculating the pressure on the cylinder of a coiling machine.
Vest.mash. 41 no.8:39-42 Ag '61. (MIRA 14:8)
(Rolling mills)

TRET'YAKOV, A.V.; AL'BREKHT, E.G.

Empirical formula for the determination of the mechanical properties of metals during cold rolling. Prokat. proizv. no.2:21-24 '60. (MIRA 14:11)
(Metals--Cold working)
(Rolling(Metalwork))

S/124/63/000/003/055/065
D234/D308

AUTHORS: Tret'yakov, A. V. and Al'brekht, E. G.

TITLE: Empirical formulas for determining the mechanical properties of metals in cold rolling

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1963, 35, abstract 3V250 (In collection: Prokatn. proiz-vo. no.2, Sverdlovsk, Metallurgizdat, 1960, 21-24)

TEXT: The author found a regularity in the type and magnitude of the variation of strength and yield limits during deformation for different groups of metals. As a result of analysis of a large volume of experimental data they succeeded in distinguishing five groups of metals: low-carbon steels, quality carbon steels, high-quality carbon steels, aluminum alloys and copper alloys (brass). [Abstracter's note: Complete translation.]

Card 1/1

AL'BREKHT, E. G.

"Analytical design theory of controllers,"

Report presented at the Conference on Applied Stability-of-Motion Theory and Analytical Mechanics, Kazan Aviation Institute, 6-8 December 1962

AL'BRAKHT, E.G.

Optimum stabilization of nonlinear systems. Mat. zap. Ural. ob-va UrGu 4 no.2: 7-14 '63 (MIRA 17:8)

L 54895-65 EWT(d) Pg-4 IJP(c)

ACCESSION NR: AR5016317 UR/0044/65/000/006/B044/B044
517.933

SOURCE: Ref. zh. Matematika, Abs. 6B209

AUTHOR: Al'brekht, E. G.

TITLE: Theory of analytic construction of regulators

CITED SOURCE: Tr. Mezhvuz. konferentsii po prikl. teorii ustoychivosti dvizheniya i analit. mekhan., 1962. Kazan', 1964, 73-76

TOPIC TAGS: differential equation, control system

TRANSLATION: For the system of differential equations

$$\frac{dx_i}{dt} = f_i(x, u, t) \quad (i = 1, \ldots, n), \qquad (1)$$

where $x = \{x_1, \ldots, x_n\}$, u is a controlling influence, consider the problem of choice of an optimal control $u^0(x,t)$ minimizing the functional

$$J(u) = \int_0^T G(x, u, t)\,dt + f(x(T)), \qquad (2)$$

where G(x,u,t) is a positive definite function of the variables x_i, u. It is assumed

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that the functions $f_i(x,u,t)$, $G(x,u,t)$ are analytic in a neighborhood of the point $x = 0$, $u = 0$ and are decomposed into converging series, whose coefficients are continuous functions of time on the interval $0 \leq t \leq T$. A solution is proposed for the problem, based on ideas of dynamic programming as well as the second method of Lyapunov. The following theorem is formulated (with proof): Suppose the functions $v(x,t)$, $u^0(x,t)$ satisfy the conditions

a) $\left(\frac{dv}{dt}\right)_{u=u^0(x,t)} = -Q(x,u^0(x,t),t)$;

b) the function $H(x,u(x,t),t) = \left(\frac{dv}{dt}\right)_{u(x,t)} + G(x,u(x,t),t)$ for $u = u^0(x,t)$ and $0 \leq t \leq T$ has a minimum at each point x of some neighborhood of the origin;

c) $v(x(T),T) = f(x(T))$. Then the control $u^0(x,t)$ will be optimal in the sense of a minimum of the functional (2). A formal method is proposed for finding functions $v(x,t)$, $u(x,t)$ in the form of series in powers of x_i with coefficients depending on time, and convergence of such series for small initial perturbations is proven. For the case where $f_i = \varphi_i(x,t) + \psi_i(x,t)u$, and the function $G(x,u,t)$ is

L 54895-65

ACCESSION NR: AR5016317 0

a quadratic form, a theorem is given on existence of a continuously-differentiable Lyapunov function under a condition of uniqueness of the optimal control at each point of the region of initial perturbations. P. Nadezhdin

SUB CODE: MA ENCL: 00

Card 3/3

ACCESSION NR: AP4042490 S/0103/64/025/007/1047/1057

AUTHOR: Al'brekht, E. G. (Sverdlovsk); Krasovskiy, N. N. (Sverdlovsk)

TITLE: Observation of a nonlinear control system in the neighborhood of a given motion

SOURCE: Avtomatika i telemekhanika, v. 25, no. 7, 1964, 1047-1057

TOPIC TAGS: nonlinear control system, quasilinear control system, control system phase coordinate, phase coordinate determination, first approximation system, control system position determination

ABSTRACT: To construct or stabilize the optimum control system, it is necessary to have complete information concerning the position of the control system at any instant in a phase space. However, direct measurement of phase space coordinates is difficult or impossible in many cases. The authors present a method for determining the position of the nonlinear control system when there are small deviations of the motion of the system. A similar procedure is also applied to determine the position of a quasi-linear control

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ACCESSION NR: AP4042490

system provided the prescribed motion and all possible deviations from it are located in a certain bounded region. Assuming that observation of the motion described by the first approximation system is possible, the solution of the problem is derived in the form of a series in powers of a small parameter and of certain functionals. Conditions are established for the convergence of the series. The solution of linear differential and algebraic equations is needed to complete the determination of the position of the control system. Orig. art. has: 34 formulas.

ASSOCIATION: none

SUBMITTED: 20Jul63 ATD PRESS: 3071 ENCL: 00

SUB CODE: MA NO REF SOV: 013 OTHER: 002

Card 2/2

ACC NR: AP6006142

for which the following functional

$$I[x^0, t_0, u] = \int_{t_0}^{T} G(x(t), u(t), t)\,dt + f(x(T)), \qquad (1.2)$$

attains a minimum along the trajectories of the system (1.1). The integrand G(x,u,t) in the functional (1.2) is a positive-definite function of the variables x_i and u, and is limited in the present article to the following case

$$G(x, u, t) = g(x, t) + g_1(x, t)u + u^2. \qquad (1.3)$$

The author also considers a similar problem with a slightly different functional

$$I[x^0, t_0, u] = \int_{t_0}^{\infty} G(x(t), u(t), t)\,dt, \qquad (1.4)$$

in which the integrand G(x,u,t) is defined similarly by (1.3). Four sub-problems are considered which may or may not impose constraints on the equation u[x,t], in the form of the inequality $|u[x, t]| \leqslant 1$. The author expresses his gratitude to N. N. Krasovskiy for his posing the problem and his comments. Orig. art. has: 27 equations.

SUB CODE: 20,12/ SUBM DATE: 25Mar65/ ORIG REF: 022/ OTH REF: 003

fv

L 23447-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACC NR: AP6010538 SOURCE CODE: UR/0376/66/002/003/0324/0334

AUTHOR: Al'brekht, E. G.

ORG: Ural State University (Ural'skiy gosudarstvennyy universitet)

TITLE: On controlling the motion of nonlinear systems

SOURCE: Differentsial'nyye uravneniya, v. 2, no. 3, 1966, 324-334

TOPIC TAGS: automatic control, optimal control, nonlinear control system, disturbed motion, control synthesis

ABSTRACT: The problem of constructing the optimal control response $u^0(x^0, t_0, t)$ (the control function which takes the nonlinear automatic control system described by the system of equations of disturbed motion

$$\frac{dx}{dt} = \phi(x, t) + \psi(x, t)u, \qquad (1)$$

where $x = [x_1, \ldots, x_n]$ is n-dimensional vector of the phase coordinates of the system, $\phi(x,t)$ and $\psi(x,t)$ are n-dimensional vector functions, and u is a scalar control function, from the initial disturbed state $x(t_0) = x^0$ to the final undisturbed state

Card 1/2 UDC: 517.934

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ACC NR: AP6010538

$x(T) = 0$ in finite time T) is analyzed under the assumptions that $\phi(x,t)$ and $\psi(x,t)$ are continuous functions of time on the interval $[0,T]$, analytic functions of x_i variables in the neighborhood of $x = 0$. The system of first-approximation equations of system (1) is taken in the form

$$\frac{dx}{dt} = A(t)x + b(t)u, \qquad (2)$$

where A(t) is an n + n matrix, $A(t)x = \{\phi_1^{(1)}(x,t), \ldots, \phi_n^{(1)}(x,t)\}$; $b(t) = \{\psi_1^{(0)}(t), \ldots, \psi_n^{(0)}(t)\}$. Under the assumption that system (2) is completely controllable (must satisfy certain conditions), an iterative procedure for constructing the optimal control function $u(x^\circ, t_\circ, t)$ is presented for the first approximation system. It is proved that this procedure is convergent for sufficiently small initial disturbances x_i°. It is shown that the constructed control $u(x^\circ, t_\circ, t)$ differs from the optimal control $u^\circ(x^\circ, t_\circ, t)$ by a magnitude which is of the second order of smallness as compared with the norm $\|x^0\|$, is an analytic function of initial disturbances x°_i, and is a continuous function of time on the interval $[0,T]$. Orig. art. has: 47 formulas. [LK]

SUB CODE: 12 SUBM DATE: 01Nov65/ ORIG REF: 008/ OTH REF: 001/ ATD PRESS: 4232

Card 2/2 ddo

L 13159-66

ACC NR: AP5005680 SOURCE CODE: CZ/0079/65/007/002/0190/0190

9B

AUTHOR: Machac, M.; Albrecht, I.

ORG: Institute of Psychology, Charles University, Prague; Institute of Physiology, Czechoslovak Academy of Sciences, Prague

TITLE: Changes of arterial blood pressure in the course of relaxation-activation autoregulational intervention [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 190

TOPIC TAGS: blood pressure, muscle physiology, psychophysiology

ABSTRACT: The relaxation-activation autoregulational intervention (RA ARI) is a special case of intentional influence upon the dynamics of the psychological state. In contrast with natural activation, the artificial activation within the course of RA ARI is separated from the complex process of interaction with the environment, and it occurs during relaxation of the skeleton muscles and during considerably inhibited activity of the highest regulational level, ensuring the reflection of exogenous regulative factors. Comparison of introspective appraisal of individual phases of autoregulatory intervention with the dynamics of changes in blood pressure allows evaluation of activation phases.

SUB CODE: 06, 05 / SUBM DATE: none

Card 1/1 HW

KOZUCH, O.; NOSEK, J.; ERNEK, E.; LICHARD, M.; ALBRECHT, P.

Persistence of tick-borne encephalitis virus in hibernating hedgehogs and dormice. Acta virol. (Praha)[Eng] 7 no.5:430-433 S '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(ENCEPHALITIS, EPIDEMIC) (ZOONOSES)
(HIBERNATION)

ERNEK, E.; KOZUCH, O.; LICHARD, M.; NOSEK, J.; ALBRECHT, P.

Experimental infection of Clethrionomys glareolus and Apodemus flavicollis with tick-borne encephalitis virus. Acta virol. (Praha)[Eng] 7 no.5:434-436 S '63.

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

(ENCEPHALITIS, EPIDEMIC)

ALBRECHT, P.; BLASKOVIC, D.; STYK, B.; KOLLER, M.

Course of A2 influenza in intranasally infected mice examined by the fluorescent antibody technique. Acta virol. (Praha) [Eng] 7 no.5:405-413 S '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(INFLUENZA) (FLUORESCENT ANTIBODY TECHNIC)

LIBIKOVA, H.; MAYER, V.; REHACEK, J.; KOZUCH, O.; ERNEK, E.; ALBRECHT, P.; ZEMLA, J.

Study of cytopathic agents isolated from Ixodes persulcatus ticks. Acta virol. (Praha)[Eng] 7 no.5:475 S '63.

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

(VIRUSES) (TICKS)

LIBIKOVA, H.; MAYER, V.; KOZUCH, O.; REHACEK, J.; FRNFK, E.; ALBRECHT. P.

Isolation from Ixodes persulcatus ticks of cytopathic agents (Kemerovo virus) differing from tick-borne encephalitis virus and some of their properties. Acta virol. (Praha) [Eng.] 8 no.4:289-301 Jl '64.

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

BLASKOVIC, D.; ALBRECHT, P.; LACKOVIC, V.; LESSO, J.; RATHOVA, V.; STYK, B.

Use of the fluorescent antibody technic for the rapid diagnosis of influenza in the course of an epidemic. Cesk. epidem. 12 no.3:129-139 My '63.

1. Virologicky ustav CSAV a Hyg.-epid. oddiel pri Vojenskej nemocnici, Bratislava.
(INFLUENZA) (FLUORESCENT ANTIBODY TECHNIC)

AL'BREKHT, E.G.

Existence of an optimal Liapunov function and continuous optimum control for a problem concerning the analytic construction of regulators. Dif. urav. 1 no.10:1301-1311 O '65. (MIRA 18:10)

1. Ural'skiy gosudarstvennyy universitet imeni Gor'kogo.

AL'BREKHT, R.P.

Giant calculi of the bladder. Khirurgiia 34 no.10:141 O '58
(MIRA 11:11)

1. Iz khirurgicheskogo otdeleniya (zav. R.P. Al'brekht) Taymyrskoy okruzhnoy bol'nitsy (glavnyy vrach K.A. Kuznetsova).
(CALCULI, URINARY)

AL'BREKHT, R.P.

Surgical removal of foreign bodies from the heart. Khirurgiia 36 no.3:31-34 Mr '60. (MIRA 13:12)
(HEART—FOREIGN BODIES)

AL'BREKHT, R.P.

Surgical technique in goiter. Khirurgiia 40 no.12:53-54 D '64.
(MIRA 18:3)

1. Khirurgicheskoye otdeleniye (zav. R.P. Al'brekht) Taymyrskoy okruzhnoy bol'nitsy (glavnyy vrach K.A. Razina) goroda Dudinka Krasnoyarskogo kraya.

AL'BREKHT, V. G. Cand. Tech. Sci.

Dissertation: "Graphical Analytical Method for Determining a Displacement of Track." Moscow Order of Lenin Inst of Railroad Engineers imeni I. V. Stalin, 16 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)

AL'BREKHT, V G

AL'BREKHT,V.G., kandidat tekhnicheskikh nauk

Effect of braking forces on track deformation. Tekh.zhel.dor. 7 no.1:12-13 Ja '48. (MLRA 8:11)

(Railroad--Track)

AL'BREKHT, V. G.

Al'brekht, V. G. - "New developments in the techniques of reconstructing rights of way", Tekhnika zhel. dorog, 1948, No. 12, p. 21-22

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

AL'BREKHT, V., kand.tekhn.nauk

Unutilized reserves for track-work production in the schedule "window." Zhel.dor.transp. 36 no.3:57-62 Mr '55. (MIRA 12:5)

(Railroads--Track)

AL'BREKHT, V.G., dotsent, kandidat tekhnicheskikh nauk.

Longitudinal forces arising on the contact surface of the rail bases and foundations during the passage of trains. Trudy MIIT no.80/81:5-111 '55. (MLRA 9:8)

(Railroads--Rails)

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Additional forces and line deformation under the influence of friction caused by braking on bolted slopes. Trudy MIIT no.80/81: 112-140 '55. (MLRA 9:8)

(Railroads--Brakes)

Name:	AL'BREKHT, Vladimir Georgiyevich
Dissertation:	The theory of railroad track deformations and the development of practical measures for their elimination
Degree:	Doc Tech Sci
Affiliation:	/Not indicated/
Defense Date, Place:	23 May 56, Council of Moscow Order of Lenin and Order of Labor Red Banner Inst of Engineers of Railroad Transport imeni Stalin
Certification Date:	16 Mar 57
Source:	BMVO 13/57

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What a straightening bar should be like. Put' put. khoz. no.2:33-35 F '57. (MLRA 10:4)

(Railroads--Tools and implements)

AL'BREKHT, V.G., kandidat tekhnicheskikh nauk.

Track displacement forces and how to overcome them. Put' i put. khoz. no.3:39-40 Mr '57. (MLRA 10:5)
(Railroads--Track)

AL'BREKHT, V.G., doktor tekhn. nauk; BROMBERG, Ye.M., kand. tekhn. nauk.

Characteristic effects of lightweight carloads on railroad track. Trudy MIIT no.94:83-89 '57. (MIRA 11:5)
(Railroads—Track) (Railroads—Train load)

AL'BREKHT, V.G., doktor tekhn. nauk.

Effect of various types of rolling stock on the vertical wear of rails. Trudy MIIT no.94:90-116 '57. (MIRA 11:5)
(Railroads—Rails) (Railroads—Rolling stock)

AL'BRIKHT, Vladimir Georgiyevich, doktor tekhn. nauk; LIDERS, G.V., kand. tekhn. nauk, red.; SOROKIN, N.N., inzh., red.; KHITROV, P.A., tekhn. red.

[Creep of railroad track and its control] Ugon zheleznodorozhnogo puti i bor'ba s nim. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 142 p. (MIRA 11:7)

(Railroads--Track) (Creep of metals)

AL'BREKHT, V.G., doktor tekhn.nauk

Hydraulic tools. Put' i put. khoz. no.3:40-43 Mr '58. (MIRA 11:4)
(Hydraulic jacks) (Railroads--Tools and implements)

SHUL'GA, V.Ye., kand.tekhn.nauk; AL'BREKHT, V.G., prof., red.; CHUKANOVA, L.V., red.; SOFIANO, N.K., red.; PEREVERZEVA, T., tekhn.red.

[Continuous railroad tracks on reinforced-concrete ties] Bessty-kovyi put' na podrel'sovom osnovanii iz zhelezobetona. Pod red. V.G.Al'brekht. Moskva, Vses.in-t nauchn. i tekhn.informatsii, 1959. 90 p. (MIRA 13:11)
(Railroads--Track) (Railroads--Ties, Concrete)

AL'BREKHT, Vladimir Georgiyevich, prof.; LIDERS, Georgiy Vladimirovich, dotsent; NIKIFOROV, Pavel Aleksandrovich, prof. [deceased]; CHLENOV, Mikhail Timofeyevich, kand.tekhn.nauk; CHERNYSHEV, Mikhail Andreyevich, kand.tekhn.nauk; FRISHMAN, M.A., prof., retsenzent; ANDREYCHENKO, A.V., inzh., retsenzent; BABKIN, A.R., inzh., retsenzent; BEZRUCHKO, V.S., inzh., retsenzent; ZHEREBIN, M.I., inzh., retsenzent; MEL'NIK, D.M., inzh., retsenzent; MURAV'YEV, I.V., inzh., retsenzent; NOVITSKIY, G.I., inzh., retsenzent; PASHININ, S.A., inzh., retsenzent; POTOTSKIY, G.I., inzh., retsenzent, red.; RAK, S.M., inzh., retsenzent; TYUTYUNNIK, F.R., inzh., retsenzent; ULYUYEV, D.I., inzh., retsenzent; SHEPELEV, V.N., inzh., retsenzent; BOBROVA, Ye.N., tekhn.red.

[Track work] Putevoe khoziaistvo. Pod red. M.A.Chernysheva. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 435 p. (MIRA 12:12)

1. Kafedra "Put' i putevoye khozyaystvo" Dnepropetrovskogo instituta inzhenerov zheleznodorozhnogo transporta (for Frishman).
(Railroads--Track)

ALBREKHT, V.G., prof., doktor tekhn. nauk

Long rails. Put' i put. khoz. no.8:30-33 Ag '59. (MIRA 13:3)
(Railroads--Rails)

AL'BREKHT, V.G., doktor tekhn.nauk, prof.; SMIRNOV, A.I., kand.tekhn. nauk; PETROVA, V.N., inzh.

Characteristics of the operation and design of open-pit tracks on yielding beds. Vest. TSNII MPS 17 [i.e. 19] no.7:21-25 '60. (MIRA 13:11)

(Mine railroads--Tracks)

AL'BRAKHT, V.G., prof., doktor tekhn.nauk

Improving the stability of tracks laid on a sand foundation.
Zhel.dor.transp. 42 no.8:54-56 Ag '60. (MIRA 13:8)
(Railroads--Track)

AL'BRIKHT, V.G., doktor tekhn.nauk, prof.

Resistance of the track skeleton to vertical movement. (MIRA 13:11)
Trudy MIIT no.111:142-149 '60.
(Railroads--Track)

DUBITSKIY, M.N., inzh.; IVANOV, K.Ye., kand.tekhn.nauk; AL'BREKHT, V.G., retsenzent; FEL'DMAN, E.D., retsenzent; KOLTUNOVA, M.P., red. MEDVEDEVA, M.A., tekhn.red.

[Determining the economic efficiency of the measures for the mechanization of track overhauling operations] Opredelenie ekonomicheskoi effektivnosti meropriiatii po mekhanizatsii kapital'nykh putevykh rabot. Moskva, Vses.izdatel'sko-poligr.ob"edinenie Min-va putei soob., 1961. 92 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.222). (MIRA 15:3)

(Railroads--Maintenance and repair)
(Railroads--Cost of operation)

AL'BREKHT, V.G., prof.

Wide horizons. Put' i put.khoz. 5 no.12:11 D '61. (MIRA 15:1)

1. Rukovoditel' kafedry Nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta, g. Novosibirsk.
(Railroads--Track)

AL'BREKT, V.G., doktor tekhn.nauk; SMIRNOV, A.I., kand.tekhn.nauk

Efficient type of rails for industrial railroads. Zhel.dor. transp. 43 no.5:68-71 My '61. (MIRA 14:4)
(Railroads, Industrial—Rails)

AL'BREKHT, Vladimir Georgiyevich, doktor tekhn.nauk, prof.; SMIRNOV, Aleksey Ionovich, kand.tekhn.nauk; PETROVA, Vera Nikolayevna, inzh. Prinimali uchastiye: VINOGRADOVA, Ye.I, inzh.; SKVORTSOV, O.S., inzh.; CHUPRIKOV, S.A., inzh. BYKHOVSKAYA, S.N., red.izd-va; MAKSIMOVA, V.V., tekhn.red.

[Selecting the types of superstructure for railroad tracks in open pit mines] Vybor tipov verkhnego stroeniia zheleznodorozhnykh putei v kar'erakh. By V.G.Al'brekht, A.I.Smirnov, V.N.Petrova. Pod obshchei red. A.I.Smirnova. Moskva, Gosgortekhizdat, 1962. 198 p. (MIRA 15:5)
(Mine railroads)

AL'BREKHT, V.G., prof. (Novosibirsk); RYAZANOV, A.N., inzh. (Novosibirsk); MONAKHOV, B.F., inzh. (Novosibirsk)

What should be the speed of train traffic during the period of track overhauling. Put' i put.khoz. 6 no.6:19-20 '62. (MIRA 15:7)
(Railroads--Maintenance and repair)
(Railroads--Train speed)

AL'BREKHT, V.G., doktor tekhn.nauk; PERSHIN, S.P., kand.tekhn.nauk;
SHUL'GA, V.Ya., kand.tekhn.nauk

Expanding the zones for the laying of continuous tracks.
Zhel.dor.transp. 44 no.5:43-47 My '62. (MIRA 15:5)
(Railroads—Track)

AL'BREKHT, Vladimir Georgiyevich, prof.; BOLOTIN, Vasiliy Ivanovich, inzh.; KARPOV, N.A., kand. tekhn. nauk, retsenzent; SERGEYEVA, A.I., inzh., red.; VERINA, G.P., tekhn. red.

[Small-scale mechanization of the operations in track maintenance and repair]Malaia mekhanizatsiia v putevom khoziaistve. Moskva, Transzheldorizdat, 1962. 124 p. (MIRA 16:1)
(Railroads--Track)
(Railroads--Equipment and supplies)

ZAKATALOV, Ye.V., inzh.; BELYKH, K.D., inzh.; ZVUKOV, N.M., inzh.; SKVORTSOV, O.S., inzh.; NETUSOV, V.P., inzh.; AL'BREKHT, V.G., doktor tekhn. nauk, prof., red.; PETROVA, V.L., red.; USENKO, L.A., tekhn. red.

[Mechanization of the repair and maintenance of normal and narrowgauge railroad tracks of industrial enterprises] Mekhanizatsiia remonta i soderzhaniia zheleznodorozhnykh putei normal'noi i uzkoi kolei promyshlennykh prepriiatii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 63 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.225). (MIRA 15:5)

1. Nachal'nik sluzhby puti zavoda chernoy metallurg im. Dzerzhinskogo (for Belykh).

(Railroads, Industrial--Maintenance and repair)

AL'BREKHT, V.G., prof., doktor tekhn.nauk; RYAZANOV, A.N., inzh.; MOHAKHOV, B.F., inzh.

Permissible train speeds in areas of track overhauling. Trudy NIIZHT no.31:44-64 '62. (MIRA 16:9)
(Railroads—Train speed) (Railroads—Maintenance and repair)

AL'BREKHT, V.G., prof.; DUBITSKIY, M.N., kand. tekhn. nauk; ISAKOV, L.M., kand. tekhn. nauk, dots.; KONDAKOV, N.P., kand. tekhn.nauk, dots.; Prinimali uchastiye: SHUL'GA, V.Ya., kand. tekhn. nauk, dots.; ANGELEYKO, V.I., prof.; GHLENOV, M.T., kand. tekhn.nauk, retsenzent; TIKHOMIROV, V.I., inzh., retsenzent; POTOTSKIY, G.I., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Planning of the organization of track maintenance and repair work] Proektirovanie organizatsii putevykh rabot. [By] V.G. Al'brekht i dr. Moskva, Transzheldorizdat, 1963. 186 p. (MIRA 16:9)

(Railroads--Track)

AL'BREKHT, Vladimir Georgiyevich, doktor tekhn. nauk, prof.; LYASHCHENKO, Vasiliy Nikolayevich, kand. tekhn. nauk, dots.; PERSHIN, Sergey Petrovich, kand. tekhn. nauk, dots.; KUROVA, A.V., red.; KLEYMAN, L.G., tekhn. red.

[Continuous track and continuous welded rails] Besstykovoi put' i dlinnye rel'sy; uchebnoe posobie. [By] V.G.Al'brekht i dr. Moskva, Vziit, 1963. 213 p. (MIRA 17:1)
(Railroads--Track) (Railroads--Rails--Welding)

AL'BREKHT, V.G., prof. (Novosibirsk); RYAZANOV, A.N., inzh. (Novosibirsk)

Using the tamping machine for track stabilization. Put' i put.khoz. 7 no.2:16-17 '63. (MIRA 16:2)
(Railroads—Track) (Railroads—Equipment and supplies)

INOZEMTSEV, A.A., inzh.; AL'BREKHT, V.G., prof.

The Western Siberia Railroad is an immense creative laboratory. Put' i put.khoz. 7 no.8:3-4 '63. (MIRA 16:9)

1. Nachal'nik sluzhby puti Zapadno-Sibirskoy dorogi, Novosibirsk (for Inozemtsev). 2. Prorektor Novosibirskogo instituta inzhenerov zheleznodorozhnogo transporta (for Al'brekht).
(Siberia,Western—Railroads—Technological innovations)

AL'BREKHT, V.G., doktor tekhn. nauk, prof.; KOMAROV, A.A., kand. tekhn. nauk; KOKOVIKHIN, M.F.

Characteristics of planning roads beyond the Arctic Circle taking into account the requirements of combatting snow. Transp.stroi. 13 no.10:48-51 O '63. (MIRA 17:8)

1. Nachal'nik tekhnicheskogo otdela Sibirskogo gosudarstvennogo proyektno-izyskatel'skogo instituta Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR.

AL'BREKHT, V.G., prof. (Novosibirsk); KARPUSHCHENKO, N.I., inzh. (Novosibirsk); Monakhov, B.F., inzh. (Novosibirsk)

Creeping forces during the passage of six-axle gondola cars. Put' i put. khoz. 8 no.9:36-38 '64. (MIRA 17:11)

AL'BREKHT, V.G., doktor tekhn.nauk, prof.; ZENZINOV, N.A., inzh.

Characteristics of a track during the initial period of its stabilization. Transp. stroi. 14 no.8:10-12 Ag '64.

(MIRA 18:1)

AL'BREKHT, V.G., prof.; KARPUSHCHENKO, N.I., inzh.

Creep of rails caused by the passage of six-axle cars. Put' i put. khoz. 9 no.9:40 '65. (MIRA 18:9)

ACC NR: AP6001878 SOURCE CODE: UR/0190/65/007/012/2177/2178

AUTHOR: Plonka, Z. Yu.; Al'brekht, V. M.

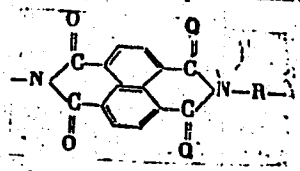
ORG: none

TITLE: Synthesis of polyimides of 1, 4, 5, 8-naphthalenetetracarboxylic acid

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 12, 1965, 2177-2178

TOPIC TAGS: polyimide, heat resistant plastic, fire resistant material

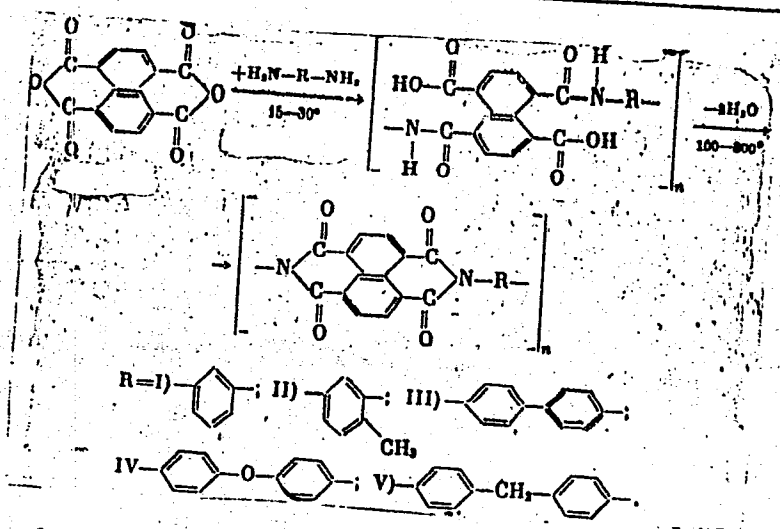
ABSTRACT: New aromatic polyimides with repeat units of the type,



have been prepared by the reaction of 1, 4, 5, 8-naphthalenetetracarboxylic anhydride with aromatic diamines in N, N-dimethylformamide or N, N-dimethylacetamide:

Card 1/2 UDC: 541.64+678.675

ACC NR: AP6001878



The polymers were light yellow (III—V) or grey-brown (I, II) materials insoluble in the common organic solvents (II is soluble in m-cresol) but soluble in concentrated H_2SO_4 and HNO_3. When subjected to temperatures above 600C or to the open flame of a burner, they do not fuze or burn but slowly carbonize. Polymers III—V yielded rigid transparent films. [SM]

SUB CODE: 11/ SUBM DATE: 12Jul65/ OTH REF: 003/ ATD PRESS: 4173

Card 2/2

AL'BRKHT, V.V., vedushchiy red.; MUKHINA, M.A., tekhn. red.

[Classified catalog of books to be published in 1959] Tematicheskii plan vypuska izdanii na 1959 g. Moskva. No.3. [Geology, prospecting, and geophysics] Geologiia, razvedka i geofizika. 1958. 24 p. (MIRA 11:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo neftyanoy gorno-toplivnoy literatury.
(Bibliography—Petroleum geology)

AUTHOR: Al'brekht, V.V. SOV/92-58-7-36/37

TITLE: Book Shelf (Knizhnaya polka)

PERIODICAL: Neftyanik, 1958, Nr 7, p 35 (USSR)

ABSTRACT: The author states that in 1958 GOSTOPTEKHIZDAT published a number of interesting books. He lists all the books which in his opinion deserve attention and he gives their headings naming the writer. These books discuss various problems relating to petroleum production and refining and deal in particular with three cutter drill bits, the utilization of water instead of drilling mud, the hydraulic fracturing of formations, the overhauling of processing units, various fuels used in the Soviet Union and abroad and their blending, the automatic control of operations, synthetic lube oils, the economics of petroleum production and elementary information in the fields of mathematics, geology, and material analysis, designed for drilling foremen, etc. The author also recommends a few books published as school textbooks.

Card 1/1 1. Petroleum industry 2. Literature