VERSHINSKIY, B.V.; BALAGANOV, V.Ya.

Focus of taiga encephalitis and the dynamics of vegetation cover. Dokl. Inst. geog. Sib. i Dal'. Vost. no.1:58-67 '62. (MIRA 17:8)

BALAGANSKAYA, V. Ye.

"Long Storage of Fresh Cucumbers," Sad. i Og., No.8, 1952

KUMPAN, M.F.; BALAGANSKAYA, V.Ye., kand. sel'skokhoz. nauk

Soil map of a collective farm. Zemledelie 27 no.1:56-58 Ja '65. (MIRA 18:3)

1. Predsedatel' kolkhoza imeni XXI s"yezda Kommunisticheskoy partii Sovetskogo Soyuza Belyayevskogo rayona, Odesskoy oblasti (for Kumpan).

BALAGANSKAYA, V.Ya., kand.sel'skokhozyaystvennykh nauk

Soil investigations on collective farms of Odessa Province.
Zemledelie 7 no.4:84-86 Ap '59. (MIRA 12:6)

1. Odesskaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya stantsiya.
(Odessa Province--Soil surveys)

BALAGANSKIY, I.

Competition between the service industries of two territories.
Mest.prom.i khud.promys. 3 no.12:2-3 D '62. (MIRA 16:2)

1. Glavnyy insh. Vladivostokskogo krayevogo upravleniya bytovogo obsluzhivaniya naseleniya.
(Maritime Territory—Service industries)
(Khabarovsk Territory—Service industries)

BALAGANSKIY, M.

How we organized wage payments. Den.i kred. 16 no.10:77-78 O '58. (MIRA 11:11)
(Kiselevsk--Coal mines and mining) (Wages)

BALAGANSKIY, V.I.

16(1)

AUTHORS: Anan'yeva, G.V., and Balaganskiy, V.I. SOV/42-14-1-5/27

TITLE: On the Oscillation of the Solutions of Some Differential Equations of Higher Order (O koleblemosti resheniy nekotorykh differentsial'nykh uravneniy vysshego poryadka)

PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol 14, Nr 1, pp 135-140 (USSR)

ABSTRACT: With respect to the solutions of $y^{(n)}+f(x)y = 0$ the author proves a well-known result of Kneser [Ref 1] under somewhat weaker assumptions. Furthermore the equation

(1)
$$\frac{d}{dx}\left\{g_{n-1}\frac{d}{dx}\left[g_{n-2}\frac{d}{dx}\left(g_{n-3}\cdots\frac{d}{dx}\left(g_1\frac{dy}{dx}\right)\cdots\right)\right]\right\}+f(x,y) = 0$$

is considered. It is assumed that $f(x,y)$ is continuous, that the $g_k(x)$ are $(n-k)$ times differentiable, and that the uniqueness of the solution is guaranteed. Let

$$Y_k = g_k\frac{dY_{k-1}}{dx}, \quad Y_n = \frac{dY_{n-1}}{dx}, \quad Y_o = y.$$

Theorem: If Sgn $f(x,y)$ = Sgn y for $x \geq x_o$, $\lim_{|y|\to\infty}\frac{|f(x,y)|}{\varphi(x)} = \infty$

Card 1/2

On the Oscillation of the Solutions of Some Differential Equations of Higher Order

SOV/42-14-1-5/27

is uniformly in x, where $\varphi(x) > 0$ for $x \geq x_0$, $\int_a^\infty \varphi(x)dx = \infty$, $\int_a^\infty \frac{dx}{g_k(x)} = \infty$, $g_k(x) > 0$ for sufficiently large x, then for even n (1) has only oscillating solutions (for $x > 0$); if n is odd and the solution y is not oscillating, then it holds $\lim_{x\to\infty} Y_k(x) = 0$, k=0,1,...,n-1, where the signs of the $Y_0, Y_1, \ldots, Y_{n-1}$ for sufficiently large x are invariable and alternating. The authors thank V.A.Kondrat'yev. There is 1 German reference.

SUBMITTED: November 27, 1957

Card 2/2

KAKARYAN, V.O.; YEGIAZARYAN, A.M.; BALAGHEYAN, M.V.

Changes in thephotoperiod and the productivity of plants. Dokl. AN Arm. SSR 9 no.3:123-127 '48. (MLRA 9:10)

1. Botanicheskiy institut Akademii nauk Armyanskoy SSR, Yerevan. Predstavleno A.L. Takhtadzhyanom.
(Photoperiodism)

BALAGEZYAN, M.V.

Effect of mineral fertilizers on the length of the flowering period of decorative floral plants. Biul.Bot.sada [Kriv.] no.12:63-70 '51. (MLRA 9:8)

(Plants, Effect of minerals on)
(Plants, Flowering of)

USSR/Biology - Plant physiology

Card 1/1 Pub. 22 - 44/45

Authors : Kazaryan, V. O., and Balagezyan, N. V.

Title : Ontogenetic variability in the shift of feeding soft substances in plants

Periodical : Dok. AN SSSR 103/2, 337-350, Jul 11, 1955

Abstract : Biological data are presented on the ontogenetic changes in the shift of soft feeds in plants. Five USSR references (1949-1955). Tables.

Institution : Acad. of Sc., Arm. SSR, Botanics Inst.

Presented by : Academician A. L. Kursanov, May 20, 1955

USSR / Plant Physiology. Respiration and Metabolism. I

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 34241

Authors : Kazaryan, V. O.; Zakaryan, N. Ye.; ~~Balayazyan, H. V.~~
Inst : Academy of Sciences of the Armenian SSR
Title : On the Rhytmic Change of Direction in the Movement of Plastic Substances in Cut Stems of Plants.

Orig Pub : Izv. AN Arm SSR, Biol. i s.-kh.n., 1956, 9 No. 10, 3-13

Abstract : Various forms of sugar were ascertained in the upper and lower cuttings of the Canadian golden rod immediately after cutting and also after 8, 24, and 72 hours (kept in a damp chamber); it was shown that during 72 hours, a fourfold change in the direction of the movement of carbohydrates in the stem of the flowering plant was occurring. During the phase of strong vegetation growth - and likewise in the phase of seed riponing - the general direction of the substance movement was firmly ascending. The defining of

Card 1/2

USSR/Plant Physiology Respiration and Metabolism H-2

Abs Jour : Referat. Zh - Biol., No 6, 25 March 1957, 22335

Author : Balagezyan, N.V.
Inst : Not given
Title : Some physiological differences between plants which form double-petalled and simple flowers.

Orig Pub : Dokl. AN ArmSSR, 1956, 22, No 4, 177-181

Abstract : In the Botanical Institute, Academy of Sciences, Armenian SSR, comparative experiments were conducted (by the A.L. Kursanov method) on the ability to synthesize and hydrolyze sucrose in leaves of the 9th and 10th tier of plants with simple and double-petalled flowers of sunflower (Helianthus annuus L.) and dahlia types (Dahlia variabilis, seedling #2 Yerevan botanical garden). A predetermined number of flowers were left on the plants. The determination was made at 10 a.m. Plants with double-petalled flowers possessed 1½ to 3 times greater capacity of synthesis and hydrolysis of sucrose with predominance of synthesis over hydrolysis during the vegetative period and up to the 20th day of flowering inclusive. In plants with simple flowers even from the first days of flow-

Card 1/3 -9-

Abs Jour : Referat. Zh - Biol., No 6, 25 March 1957, 22335

ering the property of hydrolysis predominated which, however, remained lower in absolute value than that of the double-petalled ones. The leaves of the vegetative double-petalled sunflower plants are poorer in sugars on the whole; however, during the budding period they are closer in this regard to the non-double-petalled plants. Also the double-petalled markedly predominate in insoluble (reserve) sugars, which are expended during flowering more slowly than in the simple flowered plants. Nonetheless, this secures a high level of soluble sugars in the former than in the latter. The leaves of vegetating double-petalled dahlias are also poorer in sugars on the whole than the leaves of the non-double-petalled ones; however, even from the beginning of budding they become considerably more filled with sugars than the leaves of the latter. The double-petalled dahlias also contain more insoluble sugars, but the level of soluble sugars during flowering is nevertheless considerably lower than those of double-petalled plants (as opposed to sunflowers). These varieted peculiarities of dahlias are linked by the author to their bulb formation. The higher level of formation, a cumulation and splitting of

Abs Jour : Referat. Zh - Biol., No 6, 25 March 1957, 22335

carbohydrates in plants with double-petalled flowers, evidently, indicates a higher vitality of such plants in a given species. This is also indicated by their longer flowering. Bibl. 15 refs.

[BALAGEZYAN, A.V.]

KALARYAN, V.O.; BALAGEZYAN, A.V.

Vitality of plants obtained from rooted cuttings. Dokl. AN Arm. SSR 25 no.4:221-225 '57. (MIRA 11:2)

1. Botanicheskiy institut AN ArmSSR. Predstavleno M.A. Ter-Karapetyanom.
(Plant cuttings) (Clover) (Alfalfa)

KAZARYAN, V.O.; BALAGEZYAN, N.V.

Particulation as the principal cause of senescence and dying away of perennial grasses with taproot systems. Izv.AN Arm.SSR. Biol. nauki 13 no.9:16-27 S '60. (MIRA 13:11)

1. Botanicheskiy institut Akademii nauk Armyanskoy SSR.
(GRASSES)
(GROWTH (BOTANY))
(ROOTS (BOTANY))

KAZARYAN, V.O.; BALAGEZYAN, N.V.

Internal factors determining the size of tree and shrub leaves.
Izv. AN Arm.SSR.Biol. nauki 14 no.10:27-36 O'61. (MIRA 16:7)

1. Institut botaniki AN Armyanskoy SSR.
(LEAVES—ANATOMY)

KAZARYAN, V.O.; BALAGEZYAN, N.V.

Diurnal change in the amino acid composition of the leaves of fruiting and barren spurs of the apple tree. Dokl. AN Arm. SSR 36 no.2: 117-121 '64. (MIRA 17:3)

1. Botanicheskiy institut AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR G.Kh.Bunyatyanom.

KAZARYAN, V.O.; BALAGEZYAN, N.V.; KARAPETYAN, K.A.

Effect of fruit on the physiological activity of apple-tree leaves. Fiziol. rast. 12 no.2:313-319 Mr-Ap '65.
(MIRA 18:6)

1. Botanicheskiy institut AN Armyanskoy SSR, Yerevan.

RALAGIN, E.M., inzh.

Modified system of signaling information about the performance of equipment on electrified sections. Elek. i tepl. tiaga 2 no.8:26-27 Ag '58. (MIRA 11:9)

1.Tekhnicheskiy otdel depo Il'icha Kalininskoy dorogi.
(Electric railroads--Signaling)

BYSTOV, S.P., dotsent; BALAGIN, I.S., provizor.

Absorption of gases formed during mineralization. Apt.delo 4 no.5:34-35 S-O '55. (MLRA 8:12)
(ABSORPTION) (BASES, ASPHYXIATING AND POISONOUS)

BALAGIN, V.M.; MANEVICH, A.Z.

Fluorothane (fluothane) anesthesia in children. Khirurgiia 39 no.4:84-93 Ap'63 (MIRA 17:2)

1. Iz kafedry detskoy khirurgii (zav. - prof. S.Ya. Doletskiy) TSentral'nogo instituta usovershenstvovaniya vrachey na base Detskoy klinicheskoy bol'nitsy No.2 imeni I.V.Rusakova (glavnyy vrach M.M.Kraseva) i kafedry fakul'tetskoy khirurgii (zav. - zasluzhennyy deyatel' nauki prof. I.S.Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

BOGOYAVLENSKIY, Yu.K.; BALAGINA, G.M.

Microscopic investigation of the cuticle and hypodermis of the nematode Mecistocirrus digitatus (Linstow, 1906) Railliet et Henry, 1912. Trudy Gel'm. lab. 12:19-21 '62. (MIRA 15:7)
(Nematoda)

BALAGUER.; SUNYER, F.

On distinct order types whose n-powers are equivalent. In French. p. 221.

FUNDAMENTA MATHEMATICAE. (Polska Akademia Nauk) Warszawa, Poland.
Vol. 46, no. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2,
Feb. 1960

Uncl.

BALAGUROV, Nikolay Aleksandrovich; SALTYKOV, Mikhail Ivanovich; SUDNITSYN, I.I., dotsent, retsenzent; NEVZOROV, N.V., red.; SHAKHOVA, L.I., red.izd-va; PARAKHINA, N.L., tekhn.red.

[Economics of the Soviet lumbering industry] Ekonomika lesozagotovitel'noi promyshlennosti SSSR. Moskva, Goslesbumizdat, 1959. 259 p. (MIRA 13:3)
(Lumbering)

BALAGUROV, Nikolay Aleksandrovich; SALTYKOV, M.I., red.

[Cost and the profitability of lumbering production] Sebestoimost' i rentabel'nost' lesozagotovitel'nogo proizvodstva. Moskva, Goslesbumizdat, 1963. 289 p. (MIRA 17:5)

L 4176-66 EWT(m)/EPF(c)/T DJ

ACC NR: AP5024389 SOURCE CODE: UR/0286/65/000/015/0068/0068

INVENTOR: Skripchenko, Ye. S.; Naumenko, P. V.; Podol'skaya, N. Z.; Orlova, K. I.; Balagin, I. S.; Sventokhovskaya, V. K.; Dyuzhev, I. K.; Sorochenko, S. I.; Klimkovich, V. V.; Chamin, T. S.; Kabantsev, N. A.; Tarlinskiy, D. I.; Zaytsev, V. V.; Tokar', I. K.; Znamenskaya, G. A.; Koritskiy, G. K.

ORG: none

TITLE: Method of obtaining liquid lubricant-coolant for rolling thin steel strips. Class 23, No. 173369

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 68

TOPIC TAGS: lubricant, coolant, liquid lubricant, rolling lubricant, cold rolling, strip rolling

ABSTRACT: This Author Certificate introduces a method for the preparation of a liquid coolant-lubricant based on methylenebisamide of synthetic fatty acid used, for instance, in rolling thin transformer or stainless-steel strips. To obtain a stable lubricant which would make it possible to roll the strips to a required thickness, an alkylsulfonate, alkylarylsulfonate, or hydroxyethyl amine of fatty acid containing five Hydroxy radicals is added to the methylenebisamide of synthetic fatty acid. In a variant, the specified components are melted and then emulsified in water. [Az]

SUB CODE: FP, MM, IE/SUBM DATE: 21Jun61/ ORIG REF: 000/ OTH REF: 000/ ATD PRESS: 4128

Card 1/1 UDC: 621.892:621.7.016.3

6(7) PHASE I BOOK EXPLOITATION SOV/1291

Balagin, Ivan Yakovlevich, Vadim Petrovich Popov, and Viktor Yevgrafovich Tyurmorezov

Telegrafiya (Telegraphy) Moscow, Transzheldorizdat, 1958. 462 p. 7,000 copies printed.

Ed.: Stroganov, L.P., Engineer; Tech. Ed.: Khitrov, P.A.

PURPOSE: This book was approved by the Main Administration of Educational Institutions, USSR Ministry of Railroads, as a textbook for students of railroad automation, telemechanics and communications. It may also be used by engineers and technicians in these fields.

COVERAGE: The author describes fundamentals of the theory of telegraph communication and discusses the circuits and construction details of telegraph apparatus used in railroad communications. The author mentions A.D. Ignat'yev, L.N. Gur'yev, and G.P. Kozlov as having done work on the multiplexing of telegraph circuits and and radio channels in 1936. Also mentioned are Engineers . .

Card 1/18

N.A. Volkov, N.G. Gagarin, and S.I. Chasovikov, who in 1935 developed the ST-35 start-stop equipment. I.Ya. Balagin wrote the Introduction and Chapters I through XIII; V.P. Popov wrote Chapters XIV through XXII and Chapters XXVIII and XXIX; V. Ye. Tyurmorezov wrote Chapters XXIV through XXVII. There are 18 references, all Soviet.

TABLE OF CONTENTS:

BALAGIN, I.Ya., kand.tekhn.nauk, dots.

Corrective capacity of multiplex telegraph apparatus. Sbor. LIIZHT no.161:174-187 '58. (MIRA 11:12)
(Telegraph--Multiplex systems)

BALAGIN, I. YA.

PHASE I BOOK EXPLOITATION SOV/4426

Leningrad. Institut inzhenerov zheleznodorozhnogo transporta

Avtomatika, telemekhanika i svyaz' (Automation, Telemechanics, and Communications) Moscow, Transzheldorizdat, 1960. 230 p. (Series: Its: Sbornik, vyp. 169) 1,000 copies printed.

General Ed.: V. V. Listov, Professor; Ed.: G. I. Marenkova, Engineer; Tech. Ed.: Ye. N. Bobrova.

PURPOSE: This book is intended for technical personnel and scientists engaged in the fields of automation, telemechanics, and communications.

COVERAGE: This collection of articles presents various methods of analysis and synthesis of electric circuits. New designs are described and ways of improving technical and economic indices of communication instruments investigated. The articles contain computations for individual types of communication and telemechanical systems. No personalities are mentioned. Some of the articles are accompanied by references.

AVAILABLE: Library of Congress

Card 11/11

JP/rm/ec
11-2-60

6

BALAGIN, I.Ya., kand.tekhn.nauk, dotsent

Method of improving the parameters of polarized relays with spring suspension of the armature. Sbor. LIIZHT no.169:177-182 '60. (MIRA 13:11)

(Electric relays)

9.2140

S/194/61/000/008/014/092
D201/D304

AUTHORS: Aref'yev, D.V. and Balagin, I.Ya.

TITLE: Analyzing the operation of fast-acting polarized relays with a differential magnetic circuit

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 2, abstract 8 V19 (Sb. Leningr. in-ta inzh. zh.-d., 1960, no. 169, 183-194)

TEXT: Formulae are given characterizing the operation of polarized relays with differential magnet circuit. It is deduced from the formulae that because of the differential magnetic circuit, such single armature relays differ considerably from two-armature relays, the difference being a much greater effectiveness of the free magnetizing force of the windings and that of the windings themselves. 2 figures. [Abstracter's note: Complete translation] VB

Card 1/1

BALAGIN, I.Ya., dotsent

Increase in the operational stability of duplex telegraph communications with teletype apparatus. Sbor. trud. LIIZHT no.186 Elektrosviaz' i radiotekhnika:118-130 '62. (MIRA 16:7)

(Railroads--Communication systems)

FULYAYEVSKAYA, N.V.; DAIADINA, O.M.

Comparative histological and histochemical study of the genital canals in some nematodes of the suborder Ascaridata. Trudy Gel'm. lab. 15:120-126 '65 (MIRA 19:1)

BALAGUROV, V. A.

"High-Voltage Series Condenser in the Secondary Circuit of Multicylinder Aviation Magnetos." Sub 11 Apr 47, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

USSR/Electricity Nov 48
Generators, Electric

"Inductive Discharge in a Generator," V. A. Balagurov, Cand Tech Sci, Moscow Power Eng Inst imeni Molotov, 4 pp

"Elektrichestvo" No 11

Gives method to calculate voltages in arc-suppressing devices. Introduces number of examples to check the method, and finds good agreement of calculated data with experimental. Method may be used for engineering calculations and analysis of the operation of arc-suppressing devices in switches.

27/49149

BALAGUROV, V. A.

USSR/Electricity - Magnetos Dec 51

"Voltages and Currents in the Primary Circuit of a Megneto as a Function of the Operating Conditions of the Secondary," V. A. Balagurov, Cand Tech Sci, Moscow Power Eng Inst imeni Molotov

"Elektrichestvo" No 12, pp 46-52

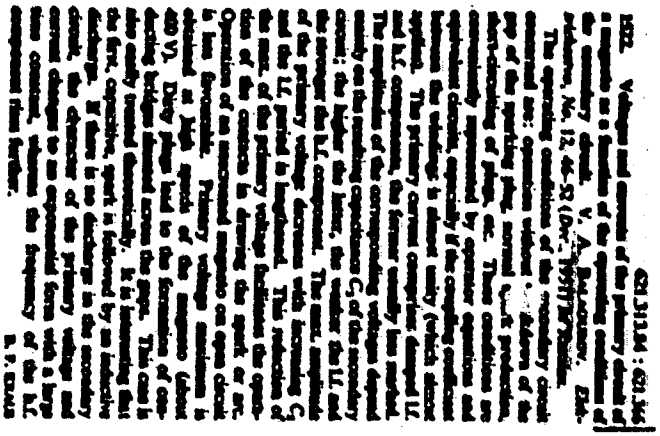
An analytical study of several types of operating conditions for a magneto, e.g., operation without breakdown of the spark gap, normal spark formation, and short-circuiting of the secondary circuit. Submitted 14 May 51.

201T81

S. A.

Machines

Sec 1. B



BALAGUROV, V.A., kandidat tekhnicheskikh nauk.

Arcing on terminals of a storage battery ignition system. Avt.trakt.prom. no.10:9-14 O '53. (MLRA 6:11)

1. Moskovskiy energeticheskiy institut.
(Electric arc) (Automobiles--Ignition)

BALAGUROV, V. A.

USSR/Miscellaneous - Auto ignition system

Card 1/1 : Pub. 12 - 6/14

Authors : Balagurov, V. A., Cand. of Techn. Sc.

Title : Calculation of ignition coil parameters for the battery system

Periodical : Avt. trakt. prom. 3, 16-20, March 1954

Abstract : A method for the calculation of parameters of coils with constant additional short-circuiting resistances and variable additional short-circuiting resistances is described. The parameters calculated should warrant continuous sparking of the spark pluge in all possible working conditions of the engine. Optimum induction of the primary coil, resistance of the entire primary circuit and coil and optimum transformation coefficient are the main parameters to be determined. Four references: 3-USSR and 1-USA (1931-1953). Graphs.

Institution : The Molotov Power Engineering Institute, Moscow

Submitted : ...

BALAGUROV, V.A.

USSR/Engineering - Coil windings

Card 1/1 : Pub. 12 - 5/14

Authors : Balagurov, V. A.

Title : The calculation of winding factors of ignition coils for a battery system

Periodical : Avt. trakt. prom. 5, 19-22, May 1954 .

Abstract : Methods for calculating magnetic circuits and winding coefficients of ignition coils are given, together with the description of ignition coils with broken magnetic circuits and primary windings having external magnetic conductors. Four references (1937-1954). Graphs; drawing; diagrams.

Institution : .....

Submitted : .....

BALAGUROV, V. A.

AID P - 634

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 3/34

Author : Balagurov, V. A., Kand. of Tech. Sci., Moscow

Title : Calculation of the no-load magnetization flux of magneto

Periodical : Elektrichestvo, 9, 15-20, S 1954

Abstract : The author presents a method of calculation on the basis of a given secondary voltage at the lowest speed. He illustrates the article with a numerical example, 7 graphs, 2 tables and 7 Russian references (1921-1951).

Institution : Moscow Institute of Power Engineering im. Molotov

Submitted : D 31, 1953

Balagurov, V. A.

Subject : USSR/Electricity AID P - 935

Card 1/1 Pub. 27 - 4/25

Author : Balagurov, V. A., Kand. of Tech. Sci., Dotsent

Title : Calculation of optimal characteristics of the magnetic circuit of a magneto

Periodical : Elektrichestvo, 10, 19-26, O 1954

Abstract : The no-load magnetization flux is calculated according to the same author's article in Elektrichestvo, no. 9, 1954. Taking this flux as given, the author now presents a method of calculation of the optimal characteristics and gives a numerical example. Ten diagrams, 8 references (1921-1954).

Institution : Moscow Power Institute im. Molotov

Submitted : D 31, 1953

AKIMOV, Valentin Nikolayevich [deceased]; APAROV, Boris Petrovich, [deceased]; BALAGUROV, Vladimir Aleksandrovich; GALTEYEV, Fedor Fedorovich; KUROBAN, Nikolay Timofeyevich; LARIONOV, Andrey Nikolayevich, redaktor; MASTYAYEV, Nikolay Zosimovich; SENKEVICH, A.M., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor.

[Principles for the electric equipment of airplanes and automobiles] Osnovy elektrooborudovaniia samoletov i avtomashin. Pod red. A.N.Larionova. Moskva, Gos.energ.izd-vo, 1955. 384 p. (MLRA 8:12)

1. Chlen korrespondent AN SSSR (for Larionov) (Airplanes--Electric equipment) (Automobiles--Electric Equipment)

BALAGUROV, V.A., kandidat tekhnicheskikh nauk.

Heat calculations for automobile ignition coils. Avt.i trakt. prom. no.12:13-16 D '55. (MLRA 9:3)

1. Moskovskiy energeticheskiy institut imeni Molotova.
(Automobiles--Ignition)

BALAGUROV, V.A., dotsent, kandidat tekhnicheskikh nauk

Operating characteristics of a magneto with long discharge processes in the secondary circuit. Trudy MEI no.15:103-121 '55.
(MLRA 8:11)

1. Kafedra elektrooborudovaniya samoletov i avtomashin Moskovskogo ordena Lenina energeticheskogo instituta imeni V.M.Molotova
(Magneto)

BALAGUROV, V.A., dotsent, kandidat tekhnicheskikh nauk

Analytical and experimental investigation of an ignition system comprising a low-voltage magneto with removable coils. Trudy MEI no.15:122-128 '55. (MLRA 8:11)

1. Kafedra elektrooborudovaniya samoletov i avtomashin Moskovskogo ordena Lenina energeticheskogo instituta imeni V.M.Molotova
(Magneto)

BALAGUROV, V.A., doktor tekhn.nauk.

Special features of discharge processes in tractor magnetos.
Elektrichestvo no.12:35-40 D '57. (MIRA 10:12)

1.Moskovskiy energeticheskiy institut.
(Magneto)

SOV/ 161-58-1-22/33

AUTHORS: Dulagurov, Vladimir Aleksandrovich, Doctor of Technical Sciences, Docent at the Chair of Electric Equipment for Aeroplanes and Automobiles at the Moscow Institute of Power Engineering,
Lipelis, Feliks Mikhaylovich, engineer at the "Elektromekhanicheskiy" Plant

TITLE: Investigation of a Discharge Process in Ignition Systems With a Strong Condenser Discharge (Issledovaniye razryadnogo protsessa v sistemakh zazhiganiya s moshchnym kondensatornym razryadom)

PERIODICAL: Nauchnyye doklady vysshey shkoly, Elektromekhanika i avtomatika, 1958, Nr 1, pp. 171-180 (USSR)

ABSTRACT: The main discharge in these ignition systems is represented by a capacitative high-energy discharge from a condenser with a great capacity ($C \approx 0,5 - 4$ μF), at a relatively low operational voltage ($U \approx 500-4000$ V). The main discharge is preceded by a breakdown in the spark-plug in the high-voltage circuit of the ignition coil. The following conclusions are drawn: 1) If an inductivity exists in the discharge circuit

Card 1/3

the condenser spark discharge is a high frequency spark discharge. It is characterized by considerable discharge currents (hundreds of amperes with an inductivity of 100 μ cycles) and a low arc-over voltage. (a few dozens of Volts). 2) The value of the discharge currents, of the power and of the discharge energy increases as the capactiy of the condenser and as the gap between the spark-plug electrodes increases. As the efficiency of the discharge is reduced when the capacity of the condenser attains high values the increase of these quantities is slowed down. 3) The effective resistance in the discharge circuit must be as small as possible to reduce the attenuation of the discharge current and thus to increase the number of repeated arc-overs. 4) When the inductivity in the circuit is increased, the discharge currents and the oscillation frequency are reduced. Hence the discharge parameters can be controlled by varying the inductivity. 5) The choice of these parameters is determined by the amount of energy necessary for an ignition of the gas mixture. The weight and the dimensions of the apparatus must be taken into

Investigation [illegible] Processes in Ignition [illegible] SOV/161-[illegible]
Condenser [illegible]

[illegible] Discharge
[illegible] which
[illegible]

[illegible]: Kafedra [illegible]
[illegible] mobiley [illegible] energeticheskogo [illegible]
(The Chair of Electric [illegible] of Aero [illegible]
and Automobiles at [illegible] Institute of [illegible] Engineering)

[illegible]: January 2, 1958

Card [illegible]

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8(5)

AUTHOR: Balagurov, V. A., Doctor of Technical Sciences, Docent, Moscow

SOV/161-58-3-11/27

TITLE: Investigation of the Working Process in Systems of Magneto Ignition Without Circuit Breaker (Issledovaniye rabochego protsessa v sisteme zazhiganiya s magneto bez preryvatel'nogo mekhanizma)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika, 1958, Nr 3, pp 95-110 (USSR)

ABSTRACT: In this circuit the ignition magneto operates by the discharge of condensers by way of selenium rectifiers like a direct current generator with excitation by a permanent magnet. In this way voltages of more than 3 kv are obtained in the rotor of the distributor without the secondary winding having to be especially large. The wiring diagram is discussed in detail (Fig 1), and a diagram (Fig 2) shows a) the electromotive force, b) the voltage at the condenser when the full wave is used, and c) the voltage of the condenser when a steady semiwave is used. Analytical investigation of the operation process is carried out by means of a supplementary wiring diagram (Fig 3). The formulas for the magnetic flux and for the electromotive force are then written down and derived. The secondary voltage in depen-

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dence on the number of rotations is investigated, and a diagram is given in this connection for four different conditions of inductivity and ohmic resistance for a closed primary circuit and different loads (Figs 4,5). For the voltage and the current at the condenser two formulas (7) (8) are derived as functions of cyclic frequency, which are then transformed into functions of time and of the angle of rotation respectively. In a similar manner the formulas for the voltage and current of the electromotive force are then obtained. The results are shown by two diagrams (Fig 6). For an 18-pole generator the voltages are given for four different numbers of rotation in dependence on the angle of rotation of the rotor, and also the amperage is given for a certain number of rotations in dependence on the angle of rotation of the rotor. In conclusion there follows an analysis of the formulas obtained in the course of which the effect exercised by the parameters of the secondary circuit and of the number of rotations upon secondary voltage is investigated. Likewise, the influence exercised by the secondary winding number is investigated. Furthermore, the influence exer-

Investigation of the Working Process in Systems of Magneto Ignition Without Circuit Breaker

cised by a variation of capacities in the secondary circuit is ascertained for a certain number of windings and four different numbers of rotation (Figs 7,8). Finally, assembling this ignition magneto is discussed and a general survey is given of the results obtained by these investigations. There are 9 figures and 2 references, 1 of which is Soviet.

This article was recommended for publication by the Kafedra ESA Moskovskogo energeticheskogo instituta (Chair ESA at the Institute of Power Engineering, Moscow)

ASSOCIATION: Kafedra elektrooborudovaniya samoletov i avtomobiley Moskovskogo energeticheskogo instituta (Chair for the Equipment of Aircraft and Automobiles, Institute of Power Engineering, Moscow)

SUBMITTED: May 9, 1958

S/196/61/000/009/027/052
E194/E155

AUTHORS: Balagurov, V.A., and Kolozeznyy, E.A.

TITLE: Calculation of the external characteristics of synchronous generators with permanent magnetic field

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.9, 1961, 22, abstract 9I 152. (Vestn. elektroprom-sti no.2, 1961, 41-44)

TEXT: The calculation is made using a working diagram of the magnet and a vector diagram of voltage. Allowance is made for reduction in the magnetic flux of the magnet with increasing generator load and for field realignment resulting from armature reaction and voltage drop in the ohmic resistance and reactance. The working diagram of a magnet for a generator with star-connected rotor without pole pieces is used to establish a relationship between the longitudinal m.m.f. of armature reaction and the longitudinal e.m.f. in the armature winding used to construct the external characteristics. Voltage vector diagrams of synchronous generators with permanent magnetic field are the same in principle as those of generators with electro-magnetic

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Calculation of the external ... S/196/61/000/009/027/052
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excitation. The article considers the construction of the external characteristics of generators with star-connected rotors without pole pieces and of generators with beak-shaped rotors and commutator type.
6 illustrations, 6 literature references.

[Abstractor's note: Complete translation.]

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PHASE I BOOK EXPLOITATION SOV/6227

Balegurov, Vladimir Aleksandrovich, Fedor Fedorovich Galteyev, Andrey Vladimirovich Gordon, and Andrey Nikolayevich Larionov

Proyektirovaniye elektricheskikh apparatov avi tsionnogo elektrooborudovaniya (Designing Electrical Apparatus for the Electrical Equipment of Aircraft) Moscow, Oborongiz, 1962. 515 p. 8000 copies printed.

Ed. (Title page): A. N. Larionov, Corresponding Member, Academy of Sciences USSR; Reviewer: B. S. Sotskov, Corresponding Member, Academy of Sciences USSR; Ed.: A. M. Senkevich, Candidate of Technical Sciences; Ed. of Publishing House: P. B. Morozova; Tech. Ed.: V. P. Rozhin; Managing Ed.: G. I. Shteynberg, Engineer.

PURPOSE: This book is intended for students at aviation and electrical schools of higher technical education for use as a textbook in a course on the design of aircraft and automobile electrical equipment. It may also be useful to design engineers in the aircraft industry.

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Designing Electrical Apparatus (Cont.) SOV/6227

COVERAGE: The book deals with methods for the design of power electromagnets, commutation devices, electromagnetic clutches, bimetallic shielding devices, voltage regulators, and magnetic amplifiers. Reference material for use in actual design work is also given. The authors thank those who reviewed the book, the Department of Aircraft Electrical Equipment of the Moscow Aviation Institute, and B. S. Sotskov, Corresponding Member of the Academy of Sciences USSR, for their comments. A. N. Larionov wrote the Foreword and the Introduction; V. A. Balagurov, Chs. VIII and X, and, with A. N. Larionov, Ch. VI; F. F. Galteyev, Chs. I, III, VII, IX, XI, and XII, and, with Larionov, Ch. II; and A. V. Gordon, Chs. IV and V. There are 18 references, all Soviet.

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Balagurov, Vladimir Aleksandrovich

Proyektirovaniye elektricheskikh apparatov aviatsionnogo elektrooborudovaniya (by) V.A. Balagurov (1 dr) Pod red. A.N. Larionova. Moskva, Oborongiz, 1962.

515 p. illus., diagrs., tables.

Bibliography: p. 512.

BALAGUROV, Vladimir Aleksandrovich; GALTEYEV, Fedor Fedorovich; LARIONOV, Andrey Nikolayevich, prof. [deceased]; BERTINOV, A.I., doktor tekhn. nauk, prof., retsensent; YUFEROV, F.M., kand. tekhn. nauk, dots., red.; FRIDKIN, L.M., tekhn. red.

[Electrical machines with permanent magnets] Elektricheskie mashiny s postoiannymi magnitami. Moskva, Izd-vo "Energiia," 1964. 479 p. (MIRA 17:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Larionov).

EWT(m)/EWA(d)/EWP(t) IJP(c) JD

ACC NR: AR5018684 SOURCE CODE: UR/0196/65/000/007/L023/L023

AUTHOR: Larionov,A.N.; Balagurov,V.A.; Galteyev, F.F.; Mastyayev,N.Z.; Morozov,V.G.; Senkevich,A.M.

ORG: none

TITLE: Use of the newest permanent magnets in electric motors and electric equipment for aircraft and automobiles

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 7L125

REF SOURCE: Sb. dokl. na Vses. soveshchanii po litym splavam dlya postoyan. magnitov, 1962. Saratov, 1964, 187-198

TOPIC TAGS: magnet, permanent magnet material, electric generator unit, aircraft electric power equipment, electric motor

TRANSLATION: Use of new material for cast permanent magnets (PM) with a directional structure and a magnetic power of 7-9.5·10^6 gauss·oersted opens up great possibilities for their use in electric motors and equipment used in aircraft and automobile engineering. For heavy-duty generators, a PM with considerable H_c is needed. Work has been done on a PM with H_c=1,250 oersted and B_r~7,500 gauss. Of special importance are the platinum-cobalt alloys with H_c > 5,000 oersted and

Card 1/2 UDC: 629.11.066:629.13.066:621.318.2

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ACC NR: AR5018684

B_r=6,000-7,000 gauss. However, because of high cost, the latter can be used only for very special generators. Calculations have shown that such a PM generator, with 200 kv, 30,000 spm and 2,000 cps, may weigh 65 kg. A study was made of generators with spurshaped, starshaped and prismatic PMs. The system with starshaped rotors proved to be unsuitable for generators > 7.5 kva. A generator was designed with 16 kw, 40 cps, 800 rpm with a prismatic shape PM and massive polar sockets of a complex shape, allowing the regulation of the magnetic flow in the generator gap by means of a stationary circular electric magnet and realizing a contactless regulation of the generator voltage. The most usual methods for the stabilization of PM generator voltages are cubic content, throttle choke and magnetic bias of the edge. Along with the synchronous PM motors, low-power hysteresis motors are also gaining ground. For these motors, special magnetic materials have been developed, such as vikalloy.18 The operational conditions of PM electric motors require a study of the effect of high temperature on the properties of a PM. V. Morozov

SUB CODE: 09/ SUBM DATE: none

Card 2/2 fw

BALAGUROV, V.A., doktor tekhn. nauk, prof.

A.C. generators with permanent magnets using new types of materials. Trudy MEI no.39:207-231 '62. (MIRA 17:6)

BALAGUROV, Vasiliy Vasil'yevich; LEPIN, A.E., redaktor; RODCHENKO, N.I., tekhnicheskiy redaktor.

[Here the fate of the program is decided; a foreman's notes] Zdes' reshaetsia sud'ba programmy; zametki mastera. [Leningrad] Lenizdat, 1957. 55 p. (MIRA 10:4)

1. Starshiy master Leningradskogo metallicheskogo zavoda (for Balagurov) (Steam turbines)

BALAGUROV, Yakov Alekseyevich.; GENDELEV, D.Z., red.; POD'YEL'SKAYA, T.N., tekhn. red.

[Olonets mining and metallurgical enterprises before the revolution] Olonetskie gornye zavody v doreformennyi period. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1958. 210 p. (MIRA 11:12)
(Metallurgical plants)

BALAGUROV, Yakov Alekseyevich

[Training skilled workers in Olonets and Petrozavodsk factories durign the first half of the 18th century] Formirovanie rabochikh kadrov Olonetskikh Petrovskikh zavodov; pervaia polovina XVIII veka. Petrozavodsk, Gos.izd-vo Karelo-Finskoi SSR, 1955. 117 p. (MIRA 15:4)

(Labor and laboring classes)

BALAGUROVA, M.V.

Methods for determining fish productivity in the small bodies of water of Karelia. Trudy Kar.fil. AN SSSR no.5:88-95 '56. (MLRA 10:7)

1. Institut biologii Karel'skogo filiala Akademii nauk SSSR.
(Kroshnozero, Lake--Fishes) (Mikkeli, Lake--Fishes)

BALAGUROVA, M.V.

Materials on the biology of smelt in Onega Bay of the White Sea.
Mat. po kompl.izuch.Bel.mor. no.1:155-184 '57. (MLRA 10:2)

1.Sektor zoologii Instituta biologii Karel'skogo filiala AN SSSR.
(Onega Bay--Smelts)

ALEKSANDROV, B.M., nauchnyy sotrudnik; ALEKSANDROVA, T.N., nauchnyy sotrudnik; BELYAYEVA, K.I., nauchnyy sotrudnik; GORBUNOVA, Z.A., nauchnyy sotrudnik; GORDEYEVA-PERTSEVA, L.I., nauchnyy sotrudnik; GORDEYEVA, L.N., nauchnyy sotrudnik; GULYAYEVA, A.M., nauchnyy sotrudnik; DMITRENKO, Yu.S., nauchnyy sotrudnik; ZABOLOTSKIY, A.A., nauchnyy sotrudnik; MAKAROVA, Ye.F., nauchnyy sotrudnik; NOVIKOV, P.I., nauchnyy sotrudnik; POKROVSKIY, V.V., nauchnyy sotrudnik; SMIRNOV, A.F., nauchnyy sotrudnik; STEPANOVSKAYA, A.F., nauchnyy sotrudnik; URBAN, V.V., nauchnyy sotrudnik. Prinimali uchastiye: BALAGUROVA, M.V., nauchnyy sotrudnik; VEBER, D.G., nauchnyy sotrudnik; POTAPOVA, O.I., nauchnyy sotrudnik; SOKOLOVA, V.A., nauchnyy sotrudnik; FILIMONOVA, Z.I., nauchnyy sotrudnik; POPENKO, L.K., nauchnyy sotrudnik; ZYTSAR', N.A., red.; PRAVDIN, I.F., red.; PANKRASHOV, A.P., red.; SHEVCHENKO, L.V., tekhn.red.

[Lakes of Karelia; natural features, fishes, and fisheries] Ozera Karelii; priroda, ryby i rybnoe khoziaistvo; spravochnik. Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1959. 618 p. (MIRA 13:8)

(Continued on next card)

ALEKSANDROV, B.M. --- (continued) Card 2.
1. Russia (1917- R.S.F.S.R.) Karel'skiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Karel'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta ozernogo i rechnogo rybnogo khozyaystva (for Aleksandrov, Aleksandrova, Belyayeva, Gorbunova, Gordeyeva-Perteeva, Gordeyeva, Gulyayeva, Dmitrenko, Zabolotskiy, Makarova, Novikov, Pokrovskiy, Smirnov, Stefanovskaya, Urban). 3. Karel'skiy filial AN SSSR (for Balagurova, Veber, Potapova, Sokolova, Filimonova, Popenko).
(Karelia--Lakes)

BALAGUROVA, M.V.

Materials on the biology of the ruff (Acerina cernua L.) in Lake Syamozero. Trudy Kar. fil. AN SSSR no.33:30-37 '62. (MIRA 16:2)
(Syamozero, Lake—Perch)

BALAGUROVA, Mariya Vasil'yevna; PRAVDIN, I.F., otv. red. [deceased]; EPSHTEYN, L.M., red. izd-va; BOCHEVER, V.T., tekhn. red.

[Biological foundations of the development of efficient fisheries in the Syamozero Lake groups, Karelian A.S.S.R.] Biologicheskie osnovy organizatsii ratsional'nogo rybnogo khoziaistva na Siamozerskoi gruppe ozer Karel'skoi ASSR. Otv. red. I.F.Pravdin. Moskva, Izd-vo AN SSSR, 1963. 87 p. (MIRA 16:12)

(Syamozero Lake region--Fishes)

BALAGUSHKIN, Yu. G.

Dissertation defended for the degree of Candidate of Philosophical Sciences at the Institute of Philosophy

"Development of Marriage-Family Relations Under Socialism and During the Period of the Building of Communism."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

BALAGYAN, R., inzh.; MALKHASYAN, M., inzh.

Norms for planning the consumption of local building materials.
Prom.Arm. 6 no.1:23-25 Ja '63. (MIRA 16:4)
(Armenia--Building materials)

BALAI,K.; VONDRACEK, J.; VALENTOVA, J.

Importance of employment and negative emotions on the pressor reaction in women with late pregnancy toxemias. Cas. lek. cesk. 104 no.6:154-159 12 F'65.

1. Ustav pro peci o matku a dite (zatimni reditel: doc. dr. J. Horsky).

ACCESSION NR: AR4014612 S/0269/64/000/001/0014/0015

SOURCE: RZh. Astronomiya, Abs. 1.51.105

AUTHOR: Balaishite, V.; Voronkov, B.

TITLE: Determination of periodic orbits in the three-dimensional limited circular three-body problem by the numerical quadratures method

CITED SOURCE: Ryul. Astron. observ. Vil'nyussk. un-ta, no. 4, 1962, 34-40

TOPIC TAGS: periodic orbit, orbit, three-body problem, quadrature, orbital inclination, orbital eccentricity, orbital element, retrograde motion, asteroid, orbital motion, Jupiter, perihelion, symmetric conjunction, symmetric opposition, synodic period

TRANSLATION: In a three-dimensional case of the limited circular three-body problem there are periodic orbits with a moving line of nodes, similar to the solutions obtained by Schartzschild for the two-dimensional case of this problem (see RZhAstr, 1956, No. 3, 1630). The eccentricity and inclination of such solutions

Card 1/2

BALAISIS, Romuldas; MIKALAUSKAS, P., red.; MIKENAS, V., tekhn. red.

[Study of equations] Lygciu tyrimas. Kaunas, Valstybine pedagogines literatos leidykla, 1961. 89 p. (MIRA 15:3)
(Equations)

BALAJ, D.; DRAGOMIR, D.; DOBRESCU, I.; MOTORGA, St.

Observations on the attack of cicadas (Cercsa bubalus F.) on the trees in the Danube Delta and suggestions for fighting them. Hidrologia 4:429-435 '63.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their H.
Application. Fats and Oils. Waxes. Soaps and Detergents. Flotation Agents.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36651

Author : Balajka, D.
Inst : -
Title : An Experimental Continuously Operating Installation for the Dehydration of Oils.

Orig Pub : Strojirenstvi, 1957, 7, No 5, 332.

Abstract : It was indicated that the developed units of the described installation may be utilized for the creation of other similar installations needed in chemical and food industries. A substantial reduction in capital and exploitation expenses serves as evidence of the advantages continuously operating installations have over periodic installations. -- From the authors' resume.

Card 1/1

BALAJKA, BOHUMIL.

Vymena tepla v zarizenich chemickeho prumyslu. [Vyd. 1]

Praha, Czechoslovakia. Statni nakl. technicke literatury, 1959. 293. p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

BALAYKA, B.[Balajka, Bohumil]; SIKORA, K.[Sykora, Karel]; GOL'DENBERG, G.M., inzh.[translator]; GRIGOR'YEV, V.A., kand. tekhn. nauk, red.; YEVSTAF'YEVA, N., red.izd-va; EL'KIND, V.D., tekhn. red.

[Heat transfer processes in heat exchangers of the chemical industry]Protsessy teploobmena v apparatakh khimicheskoi promyshlennosti. Pod red. V.A.Grigor'eva. Moskva, Mashgiz, 1962. 350 p. (MIRA 16:1)
(Heat—Transmission) (Heat exchangers)

BALAJTHY B.

Haberland K., Balajthy B. and Lelossy L. - Neurol. psychiat., Clin. Univ., Debrecen Pathohistologic examination of the nervous system in tetanus Acta Morphol. (Budapest) 1952, 2/2 (109-119) Illus. 3

Thirty cases of tetanus, which had not been treated with serum, were examined. The microscopical findings showed a lack of uniformity. Therefore it is concluded that no specific histological pattern characteristic for tetanus exists. The authors reject all the previous theories on the matter except that of Speransky, saying that the 'specific feature of tetanus toxin is its capacity for creating a characteristic and constant form of complex neural reaction merely by a pathological stimulation of the peripheral nervous system'. Zawisch - Graz (V,8)

SO: Excerpta Medica, Vol. 7, No. 2, Section VIII - February 1954

BAJAJTHY, Bela, Dr.

Diffuse invasion of oligodendroglioma into the liquor space. Ideg. szemle 12 no.4:108-113 Apr 59.

1. A Fovarosi XIII. ker. Tanacs Korhaz (igazgato: dr. Krassnai Ivan) Noi Ideg-Elme-Osztalyanak koslemenye. (Vezeto: dr. Angyal Lajos, az orvostudomanyok candidatusa)

(OLIGODENDROGLIOMA, case reports
oligodendroglioma of brain metastatic to total cerebral CSF space, histopathol. (Hun))
(BRAIN NEOPLASMS, case reports
oligodendroglioma metastatic to total cerebral CSF space, histopathol. (Hun))

BALAJTHY, Bela, dr.

Adventitial sarcoma. Ideg. szemle 13 no. 4:107-117 Ap '60.

1. A Fovarosi XIII.ker. Tanacs Korhaz (Igazgato: Dr. Krasznai, Ivan) Noi Ideg-elme Osztalyanak kozlemenye. (Vezeto: Dr. Angyal, Lajos az orvostudomanyok candidatusa)
(BRAIN NEOPLASMS pathol.)
(SARCOMA pathol.)

BALAJTHY, Bela, dr.

Role of the hippocampus system in the pathogenesis of senile psychic syndromes (with special reference to anamnestic syndrome). Ideggyogy. szemle 15 no.3:64-82 Mr '62.

1. A Fovarosi XIII ker. Tanacs Korhaz (Igazgato: Krasznai Ivan dr.) Noi Ideg-Elme osztalyanak (Vezeto: Angyal Lajos dr.) kozlemenye.

(HIPPOCAMPUS dis) (PSYCHOSES SENILE etiol)

HUNGARY

BALAJTHY, Bela, Dr.; Neurological Clinic (Ideggklinika), Debrecen, professor: JUHASZ, Pal, Dr.; Robert Hospital, Laboratory for Brain Histology (Robert Korhaz agyszovettani laboratoriuma), Budapest, chief (vezeto): ANDYAL, Lajos, Dr.

"The Dandy-Walker Syndrome."

Budapest, Ideggyogyaszati Szemle, Vol XV, No 11, Nov 62, pages 321-326.

Abstract: [Author's summary] A little known combination of symptoms, the Dandy-Walker syndrome is described by the author. This is characterized by the atresia of the foramen Magendie accompanied by disturbances of a congenital and dysraphic nature. In the present case, in addition to the atresia of the foramen Magendie, hydromyelitic and syringomyelitic changes were observed in the spinal marrow which was particularly interesting from a pathological point of view since it seemed that the presence of these three disturbances had a mutual influence on the further course of the disease.

[All Western references]

HUNGARY

BALAJTHY, Bela, Dr; Medical University of Pecs, Neurological and Psychiatric Clinic (Pecsi Orvostudomanyi Egyetem Ideg- es Elmeklinika).

"Data on the Symptomatology of the Temporal Lobe in Pick-Atrophy."

Budapest, Ideggyogyaszati Szemle, Vol XIV, No 6, June 63, pp 181-191.

Abstract: The author describes 3 cases of the disease. The course is divided into 3 phases. During the first 2 phases, the atrophy is localized in the temporal lobes, in the third phase it exceeds the border of the lobe. The initial phase is characterized by a difficulty in comprehension, memory and finding words. In the second phase, the initial symptoms manifest themselves, amnestic disturbances are aggravated, the patient becomes disoriented. Transcortical motor aphasia, reduced spontaneous speech and repetition of the words heard are evident. The third phase shows signs of progress of the disease into the frontal lobe, the base and, in some cases, into the neocortical areas and striatum. It is characterized by aphasia, severe mental limitations and personality changes. A continuation of the article will follow in the subsequent journal. No references.

1/1

BALAJTHY, Bela, Dr; Medical University of Pecs, Neurological and Psychiatric Clinic (Pecsi Orvostudomanyi Egyetem Ideg- es Elmeklinika).

"Data on the Symptomatology of the Temporal Lobe in Pick Atrophy."

Budapest, Ideggyogyaszati Szemle, Vol XIV, No 7, July 1963, pages 207-211.

Abstract: [Author's Hungarian summary modified] The article is the second part of a paper which appeared in the previous issue. The article describes three cases of Pick atrophy where the necrosis progressed from the primary, temporal center to T_1 T_2 and T_3. Individual differences were observed in the further progress of the atrophy. In the first case, the frontal lobe alone was involved, in the second case F_3 as well, in the third case the whole frontal convexity was involved to a small extent. The symptoms are identical in part, but individual variations are observed which depend on the individual pathological changes and the predominance of the side involved. Common symptoms are the initial mnestic disturbance, the severe dementia later, and the personality changes during involvement of the frontal base. Aphasic symptoms vary, they can be of a transcortical motor type or accompanied by echolalia. The "oral tendencies" and hypersexuality observed are similar to the Kluver-Bucy syndrome and are probably due to severe bilateral temporal necrosis. 13 Western, 4 Hungarian references.

1/1

BALAJTHY, B.

Symptomatology of the temporal lobe in Pick's convolutional atrophy. Acta med. Acad. sci. Hung. 20 no.3:301-316 '64

1. Department of Neurology and Psychiatry, University Medical School, Pecs.

KUNCZ, E.; BALAJTHY, B.; WAISA, R.

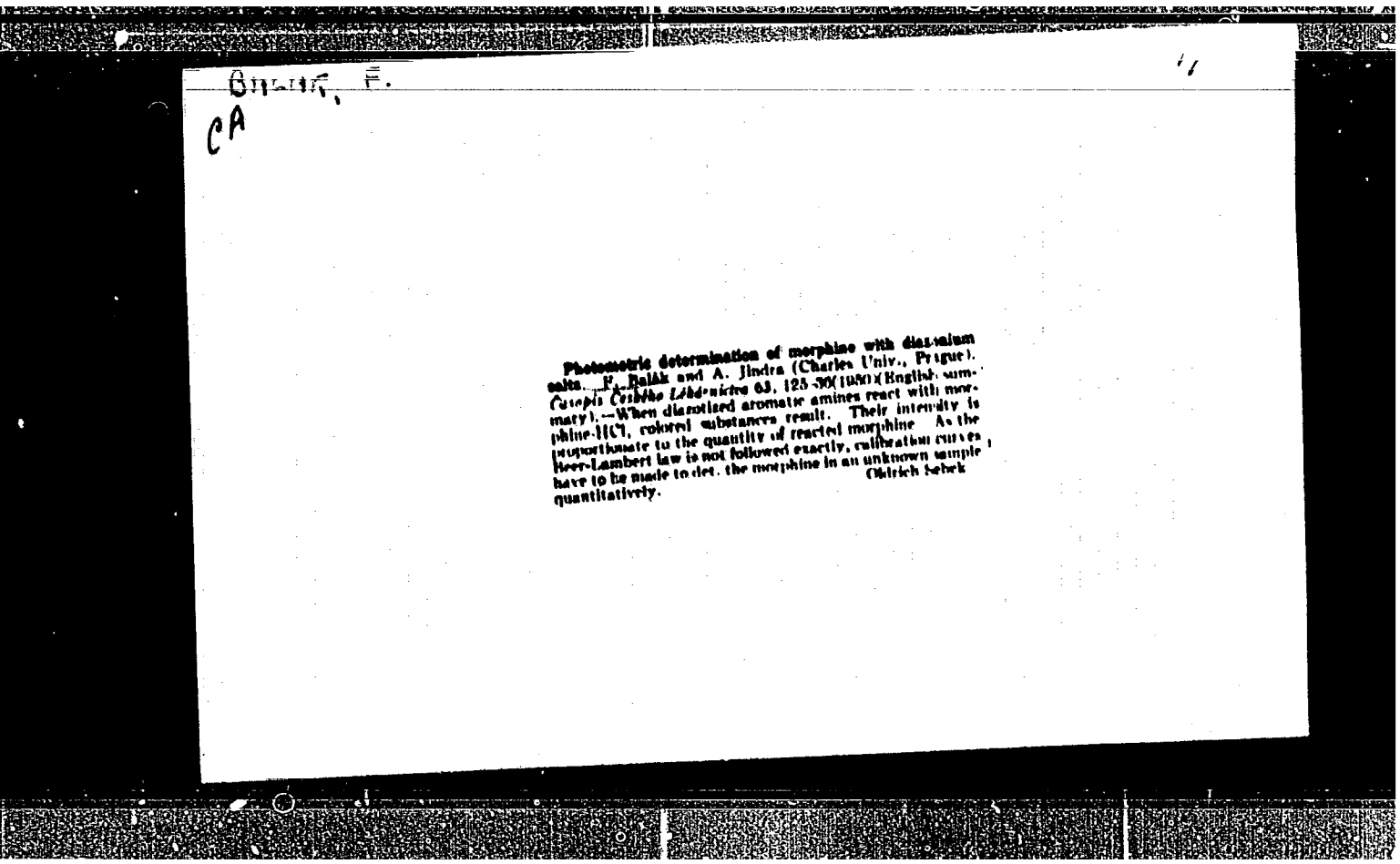
On the relation between the clinical, electroencephalographic and pathological findings in the senile psychiatric disease picture. Acta med. acad. sci. Hung. 21 no.1:79-98 '65.

1. Abteilung fuer Neurologie und Psychiatrie (Chefarzt: Dr. L. Angyal), Robert Karoly-Krankenhaus, Budapest, und Gesundheitsdienst der ungarischen Volksarmee, Budapest.

TOTH, Lajos; PEREDI, Lajos, dr.; SZIJGYARTO, Gyula; SZABO, Pal; BALAJTHY, Kalman

Remarks about Dr.Istvan Kovacs' article entitled "Certain questions relating to the calculation of average income." Munka szemle 5 no.1:28-32 Ja '61.

1. Voros Csillag Traktorgyar, Budapest (for Toth). 2. Kispesti Husipari Vallalat (for Peredi). 3. Szemuvegkeretgyar, Budapest (for Szijgyarto). 4. Epito kisipari termeloszovetkezet, Pecs (for Szabo). 5. BIOGAL Gyogyszergyar, Debrecen (for Balajthy).



Brun, F.

CA

Photometric determination of morphine with diazonium salts. P. Bulák and A. Jindra (Charles Univ., Prague). *Collection Czechoslov. Chem. Communs.* 13, 125-30(1948)(English summary).—When diazotized aromatic amines react with morphine-HCl, colored substances result. Their intensity is proportionate to the quantity of reacted morphine. As the Beer-Lambert law is not followed exactly, calibration curves have to be made to det. the morphine in an unknown sample quantitatively.

Oldrich Sebek

BALAK, Karel, MUDr, UPMD

Prevention of late pregnancy toxemias. Prakt.lek., Praha 35 no.9: 195-198 5 May 55.

1. Reditel prof. MUDr Jiri Trapl. nositel Radu republiky.
(PREGNANCY TOXEMIAS, prevention and control)

BALAK, Karel, MUDr.

Clinical method for determining the functional state of the vascular system in obstetrics. Cesk. gyn. 21-35 no.2:73-79 Mar 56.

1. UPMD, reditel ustavu prof. MUDr. Jiri Trapl, nositel Radu republiky.

(CARDIOVASCULAR SYSTEM, physiol.
in pregn.
(PREGNANCY, physiol.
cardiovasc. system.

RALAK, Karel, kandidat lekarskych ved.(UPMD, Nabr. K. Marxe 18, Praha-Podoli)

Role of capillaroscopy in obstetrics. Cesk. gyn. 24[38] no.3:196-203 Mar 59.

1. Ustav pro peci o matku a dite, red. prof. dr. J. Trapl, nositel Radu republiky.

(PREGNANCY, physiol.
capillaroscopy, diag. value (Cz))
(CAPILLARIES,
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