

SARMASI, J.;BENEDIOT, J.

~~CONFIDENTIAL~~
A case of gunshot perforation of the right side of the heart cured
by thoracoabdominal surgery. Orv. hetil. 94 no.30:837-840 28 July
1953. (CJML 25:1)

1. Doctors. 2. Departments of Surgery and Internal Medicine, Bacs-Kiskun
County Hospital (Director -- Dr. Dezso Kiss).

POGATSA, Gabor, dr.; KENDREY, Gabor, dr.; BENEDICT, Janos, dr.

Clinical and pathological observations on gouty kidneys. Orv.
hetil. 102 no.7:317-320 12 F'61.

1. Budapesti Orvostudományi Egyetem II. sz. Belklinika, I. sz.
Kórházának és Kísérleti Raktározó Intézet és Bács-Kiskun Megyei
Tanács Kórháza, Belgyógyászati Osztály.
(GOUT pathol)
(KIDNEYS pathol)

BENEDICT, Janos, dr.; HOMOKY, Istvan, dr.; FARACO, Ferenc, vegyeszmernok

Observations on a patient with dermatomyositis, treated with anti-malarial drugs and anabolic hormones. Crv. hetil. 103 no.38:1793-1798 23 S '62.

1. Bacs-Kiskun Megyei Tamas Korhaz (Kecskemet), I. Belosztaly.
(DERMATOMYOSITIS) (NORTESTOSTERONE) (CHLOROQUINE)
(URINATION DISORDERS)

HOLLOSI, Gabor; BENEDICZKY, Imre; TIGYI, Andras; LISSAK, Kalman

The role of the nervous system in the maintenance of the ribonucleic acid and deoxyribonucleic acid content of striated muscle tissue.
Acta biol Hung 11 no.2:145-153 '60. (BEAI 10:2)

1. Institute of Physiology and Biology, Medical University, Pecs
(Head: K.Lissak)

(RIBONUCLEIC ACIDS) (NUCLEIC ACIDS)

(NERVOUS SYSTEM) (MUSCLES)

(DEOXYRIBONUCLEIC ACIDS)

GOLDMAN, S.; LAVRIC, B.; FURLAN, T.; PAPO, I.; STUDIC, J.; BENEDIK, M.; CESTNIK, I.

Results of surgical therapy of pulmonary tuberculosis with special
reference to pulmonary resection. Tuberkuloza, Beogr. 11 no. 2: 147-
166 '59.

(PNEUMONECTOMY)

BENEDIK, M.; USTAR, M.

Surgical therapy of chronic empyema in pulmonary tuberculosis.
Tuberkuloza 16 no.3:263-265 My-Ag '64

1. Bolnica za tuberkulozu Topolsica; Institut za tuberkulozu Golnik;
Hirurska klinika Ljubljana.

BENEDIK, Martin; ZAKELJ, Vladimir

Intralobar pulmonary sequestration. Zdrav. vestn. 33 no.8:
195-198 '64

1. Kirurgicna klinika medicinske fakultete v Ljubljani (Pred-
stojnik: prof. dr. M. Benedik).

BENEDIK, Majda, dr.

Blood transfusion in pediatrics. Med. glas. 15 no.6:267-270 Jo '61.

1. Pedijatrijska klinika Medicinskog fakulteta u Ljubljani (Predstojnik:
prof. dr M. Avcin)

(BLOOD TRANSFUSION in inf & child)

1. The first of these is the

fact that the United States

has a long history of

supporting the United Nations

ENDZELINS, J., akademik; SOKOLS, E., otv. red.; ~~ENDIKS~~, H., red.;
DAMBE, V., red.; GRABIS, R., red.; ZUTIS, J., red.;
OSINS, E., tekhn. red.

[Place names in the Latvian S.S.R.] Latvijas PSR vietvardi.
Riga, Latvijas PSR Zinatnu akad. izdevnieciba. Pt.1.,
Vol.2. K - O. 1961. 505 p. (MIRA 15:3)
(Latvia--Names, Geographical)

HUNGARY

BERNARD, Maroly, MD; BELEDINT, Alice, MD; CZAPPAI, Pincsko, MD;
KISS, Ferenc, MD; NILCH, Hedra, MD; DEAK, Zsuzsanna,
BARTORY, Pal, MD

Agost Schopf-Merei Hospital of the Budapest Council Executive Committee (Budapest Fovaros Tanacsä VB. Schopf-Merei Agost Korhaz); National Public Health Institute (Orszagos Kozegeszsegugyi Intezet); Budapest Public Health-Epidemiology Station (Budapest Fovarosi Kozegeszsegugyi-Jarvanyugyi Allomas); (affiliations not specified).

Budapest, Gyermekegyoraszat (Pediatrics), No 4, Apr 63, pp 111-118.

"Epidemic Enteritis Caused by Klebsiella in the Premature Infants Ward"

(7)

GERGELY, Karoly, dr.; BENEDIKT, Alice, dr.; CZAPPAN, Pirooska, dr.; KNEISZL, Ferenc, dr.; MILCH, Hedda, dr.; DEAK, Zsuzsanna, dr.; BATHORY, Pal, dr.

Epidemic Klebsiella enteritis in a ward for premature infants.
Gyermekgyógyászat 14 no.4:111-118 Ap '63.

1. Budapesti Fovaros Tanácsa VB Schopf-Merei Agost kórház, Országos Kózegegysegügyi Intézet, Budapest Fovarosi Kózegegysegügyi-Jarványügyi Allomas Kozlemenye.

(INFANT, PREMATURE, DISEASES)	(ENTERITIS)	(PERITONITIS)
(BACTERIOLOGICAL TECHNIQS)	(KLEBSIELLA)	(NEOMYCIN)
(POLYMYXIN)	(EPIDEMIOLOG)	(BACTERIOPHAGE TYPING)

1. The results of the 1961 test of the

at the High School for the Deaf, and the results of the 1962 test of the

1. The results of the 1961 test of the

BENEDIKT, Alice, dr.; CZAPPAN. Piroska, dr.; KALMAR, Zsuzsanna, dr.

Diseases caused by Klebsiella strains in infants in our pediatric department. Orv. hetil. 105 no.52:2463-2465 27 D '64.

1. Budapest Fovaros Janacs V.B. Schopf-Merei Agost Koraszulo-Koraszulott Korhaz, Betegosztaly.

BENEDIKT, A. A.

Cand Med Sci

Dissertation: "Peculiarities in the Respiration of Premature Children."

18 Oct 49

Central Inst for the Advanced Training of Physicians

SO Vecheryaya Moskva
Sum 71

BENEDIKT, A.A.

Physiological mechanism of the efficacy of oxygen therapy of so-called secondary
asphyxias neonatorum

Pediatrics no. 2, March-April 1952

WSSR.

✓ The use of glutamic acid in intracranial birth trauma in newborn. A. A. Benedikt and V. S. Dashkevskaya. *Pediatriya* 1959, No. 2, 90-4.—Administration of a teaspoonful of 1% soln. of glutamic acid 3 times daily prevented development of convulsions and asphyxia in newborn children with birth trauma of the cranial region. The drug also blocks the overstimulation of the nervous system at birth.
G. M. Kozlovoff

EXCERPTA MEDICA Sec 10 Vol 13/5 Obstetrics May 60

910. THE QT INTERVAL OF PREMATURE CHILDREN - Der QT-Intervall bei Frühgeborenen - Benedikt A. Stadt, Schöpf-Merei-Agoston-Krankern, für Frühgeborenen, Budapest - KINDERARZTL. PRAX. 1958, 26/12 (546-551)
230 ECGs were taken from 100 premature children (70 healthy and 30 damaged). The first investigation was carried out on the 1st or 2nd day of life, with the investigation repeated on the 3rd, 5th and 7th days. QT elongation was always present below 35°C. When it occurred at normal temperature, ST and T were also lengthened. QT elongation is mostly of secondary origin, caused by hypothermia in the premature child. It may occur, however, even primarily, if the circulation is hampered by birth damage or by damage affecting the CNS. A shift in electrolyte conditions may also be of some importance in both forms of QT discrepancy. The QT elongation in the ECG of premature children may be of either physiological or pathological origin. Each case must be judged on the basis of the clinical course. (XVIII, 7, 10)

BENEDIKT, A.A.

"Premature child" [in Hungarian] by Suranyi Gyula. Pediatria, Moskva
36 no.8:94-95 Ag '58. (MIRA 12:1)
(INFANTS(PREATURE))

BENEDIKT, A.A.. kand.med.nauk (Budapesht)

Congenital cystic fibrosis of the pancreas in a premature infant.
Pediatriia 37 no.10:18-21 O '59. (MIRA 13:2)

1. Iz Gorodskoy bol'nitsy dlya preshdeveremennykh rodov i nedono-
shennykh detey (direktor - doktor Georgiy Karl).
(PANCREATIC CYSTIC FIBROSIS in inf. & child.)
(INFANT PREMATURE dis.)

BENEDIKT, Alice; GERGELY, K.

Results of 5 years work of a specially organized hospital department for sick premature infants. Acta Paediat Acad Sci Hung 1 no.4:271-278 '60.

1. Stadtisches Schopf-Merei Agoston Krankenhaus fur Fruhgeburten und fruhgeborene Kinder, Budapest.

(INFANT PREMATURE dis)
(PEDIATRICS hosp & clinics)

BENEDIKT, Alice, dr.; GERGELY, Karoly, dr.

5-Year report on activities of a ward for premature sick infants.
Nepegeszsegugy 41 no.11:328-332 H '60.

1. Kozlemeny a Schopf-Merei Agosten korhasbol (igazgato: Gergely
Karoly dr.)
(INFANT PREMATURE)

BENEDIKT, Alice, dr.; GERGELY, Karoly, dr.

Mortality and morbidity of premature infants from the time of discharge from the hospital up to the 1st birthday. Nepegeszssegugy 12:363-365 D '61.

1. Kozlemeney a Budapesti Fovarosi Tanacs VB. Schopf-Merei Agost Korhazabol (igazgato: Gergely Karoly dr., foorvos: Benedikt Alice dr.)

(INFANT PREMATURE statistics)

BENEDIKT, Alice

On post-deflection in the electrocardiogram in newborn infants. Cor
Vasa 3 no.3:215-221 '61.

1. Aus dem Stadtischen Schopf-Merei-Agoston Krankenhaus fur fruhge-
borene Kinder, Budapest.

(ELECTROCARDIOGRAPHY in inf & child)
(INFANT NEWBORN physiolo~~y~~)

BENEDIKT, Alice, dr.

2 cases of congenital epidemic hepatitis in newborn infants. Gyermekgyógyászat 12 no.11:340-344 N '61.

1. Budapest Főváros Tanácsa VB. Schopf-Merei Agost Koraszulo-Koraszulott korház (Igazgato: Gergely Karoly dr.) közleménye.

(HEPATITIS INFECTIOUS in inf & child)
(INFANT NEWBORN dis)

BENEDIKT, A.; GERGELY, K.

Result of 5-year experience in a hospital ward for sick premature infants. Cesk. pediat. 16 no.11:999 N '61.
(INFANT PREMATURE)

BENEDIKT, Alice, dr.

On ECG of premature infants. Orv. hetil. 103 no.27:1256-1259 8 J1 '62.

1. Budapest Fovaros Tanacsä VB., Schopf Märsi Agost, Koraszulott Korhaz.

(ELECTROCARDIOGRAPHY in inf. & child)
(INFANT PREMATURE physiol)

KNEISZL, F.; PASZTOR, E.; BENEDIKT, Alice, FENYES, I.

Cases of excessive hydrocephalus with ruptured diverticulum of the third ventricle, caused by aqueductal malformation. Acta paediat. acad. sci. Hung. 4 no.3:333-346 '63

1. Schopf-Merei Hospital (director: dr. K. Gergely) and Institute of Neurosurgery (director: dr. L. Zoltan), Budapest, Hungary.

X

COUFALIK, E.; BENEDIKT, J.

Phlegmonous appendicitis with hernia in a 30-day-old premature infant. Rozh.chir.42 no.12:899-902 D'63.

1. Oddeleni pro nedonosenou nemocnici v Kyjove (vedouci: MUDr. M.Kotulek) a Chirurgické oddeleni nemocnice v Kyjove (vedouci: MUDr. E.Kytlica).

*

BENEDIKT, M.

It is necessary to make an end of "inalienable eternal rights"; once again about coal. p. 85.

ZELEZNICE. Vol. 4, no. 4, Apr. 1954. Prague.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 6, June 1956 Uncl.

BENEDIK Nikola Nesterovich; GOLOVINS'KIY, Leontiy Kuz'mich, KAPTANIVS'KIY,
Oleksiy Danilovich; KHEMINS'KA, Galina Danilivna, KUZ'MINS'KIY,
Volodimir Grigorovich; KOZAK, F.Ye., redaktor; POLITYENKO, S.P.,
tekhnichnyi redaktor

[Tractors; a textbook for students in secondary schools] Traktory;
posibnyk dlia uchniv seredn'oi shkoly. Kyiv, Derzh. Uchbovo-
pedagog. vyd-vo "Radians'ka shkola," 1957. 250 p. (MLRA 10:6)
(Tractors)

L 33350-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) GD/BC

ACC NR: AT6005903

SOURCE CODE: UR/0000/65/000/000/0137/0148

• AUTHOR: Benedikt, O.

ORG: None

TITLE: Problems, operational principle, and the calculation of a new procedure for the stabilization of automatic control systems

SOURCE: International Federation of Automatic Control. International Congress. 2d, Basel, 1963. Tekhnicheskiye sredstva avtomatiki (Technical means of automation); trudy kongressa. Moscow, Izd-vo Nauka, 1965, 137-148

TOPIC TAGS: automatic control system, control system stability, voltage stabilization

ABSTRACT: The present article investigates an "autodyne," which functions in a mode of maintaining the load voltage at a prescribed level. It is demonstrated theoretically that the classical methods of the stabilization of such devices make it possible to solve the stabilization problem, but that these methods have substantial shortcomings (an increase in machine size, the utilization of additional devices, reduced reliability). The author poses the problem of finding a new device, incorporated into the machine, which does not increase its dimensions and which carries out all the functions heretofore carried out by three devices (voltage transformer, amplifier, and flexible feedback winding). It is shown that the problem is solved by means of one winding. In addition to the physical exposition of the function of the winding, the author derives mathematical relationships. A characteristic equation is obtained and on its

Card 1/2

L 33350-66

ACC NR: AT6005903

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basis the author establishes a stability criterion according to which the cross section of the winding may be determined as a function of the desired degree of stability. Orig. art. has: 14 figures and 14 formulas.

SUB CODE: 09, 13 / SUBM DATE: 23Jun65

Card 2/2

BIG

BENEDIKT, O.V.

[Nomographic method of calculating complex, heavily saturated magnetic circuits of electric machines] Nomograficheskii metod rascheta slozhnykh sil'no nasyshennykh magnitnykh tsepei elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1953. 246 p.

(MLRA 7:3)

(Nomography (Mathematics)) (Electric machinery)

BENEDIKT, O.V., doktor tekhnicheskikh nauk, professor.
~~www.cia.gov~~

The electric "autodyne" device. Trudy MIIT no.83/4 '55.
(Automatic control)(Electric batteries) (MLRA 9:6)

BENEDEKT, O. V.

Die neue elektrische Maschine "Autodyne." Budapest, Verlag der Ungarischen Akademie der Wissenschaften, 1957. 172 p. ("Autodyne," a new electric machine. In German. illus., diags., footnotes, graphs, tables)

SO: Monthly Index of East European Accession (MAI) 10 Vol. 7, No. 5, 1958

- ✓ 12. A novel method for the computation of complicated, and highly saturated magnetic circuits. (In German) O. Benedikt, *Acta Technica Academiae Scientiarum Hungaricae*, Vol. 19, 1957, No. 1-2, pp. 169-191, 27 figs., 2 tabs.

The conventional methods used so far for the computation of complicated, highly saturated magnetic circuits were essentially suited for solving only one of the basic problems: to determine the distribution of the magnetic potentials if the geometric configuration and the distribution of induction are known. The author presents a new method, designated as nomographic, which is suitable for solving two other basic problems as well. One problem is to determine the distribution of induction which at a given geometric configuration ensures the desired distribution of potentials. The other problem, which for reason of its complexity has not even been raised so far, is to find a geometric configuration that simultaneously gives the desired distribution of induction and the desired distribution of potentials. A number of problems is enumerated relating to electric machines and apparatuses for which the nomographic method offers a simple and precise solution.

BEDEDIKT, O.V.; BASHUK, I.B.; ZOROKHOVICH, A.Ye.; SAZONOV, inzh., red.;
VERINA, G.P., tekhn.rel.

[Electric drives in diesel- and gas-turbine locomotives equipped
with a. c. machinery] Elektricheskie peredachi teplovozov i
gazoturbovozov s mashinami peremennogo toka. Moskva, Gos. transp.
zhel-dor. izd-vo 1958. 78 p. (Moscow. Moskovskii institut inzhenerov
zheleznodorozhnogo transporta. Trudy, no.106). (MIRA 11:4)
(Locomotives--Electric driving)

BENEDIKTŰ O.

"Some remarks about a chapter of the theory of the grid-controlled rectifiers." In German, p. 285

PERIODICA POLYTECHNICA. (Budapesti Műszaki Egyetem) Budapest, Hungary
Vol. 2, No. 4, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

14V/185-58-8-8/21

AUTHOR: Benedikt, O. V., Corresponding Member, Hungarian Academy of Sciences

TITLE: Some Problems in the Theory of Electrical Machines of an Autodyne Type (Nekotoryye voprosy teorii elektricheskoy mashiny tipa avtodina)

PERIODICAL: Elektrichestvo, 1958, Nr 8, pp. 42-46 (USSR)

ABSTRACT: The author attempted to create an electrical machine which combines the positive properties of a rotary converter (low weight, higher efficiency and high $\cos \varphi$) with the good control properties of motor generators. The solution of this problem is represented by a new electric machine - the autodyne. The theory developed by the author was carefully examined at models and test types during the tests in the MIIT and NII M&P. The results of the investigation of various circuit diagrams agree with the theoretical calculation. In order to explain the mode of operation of an autodyne in a better manner, the performance of a rotary converter is investigated first, which is lacking the stator windings and the magnetization caused by them. Then the system given in table 2 is

Card 1/4

207/166-58-8-6/21

Some problems in the Theory of Electrical Machines of an Autodyne Type

described. This represents the element of the new electro-dynamic amplifier. If such a voltage feedback between the brushes is introduced so that the magnetic moments caused in the control windings by the current try to compensate the voltage deviation, a stable operation of the machine is possible. This machine not only represents a transformer of three-phase power into d.c. power (or vice versa), but also a stabilizer or a control unit (according to the actual feedback circuit). A number of problems arose in connection with the operation of such machines. One of them is connected with the existence of the current I_{α} resulting. It is shown that the phase factor of the machine in idling and at an arbitrary angle θ practically tends towards unity by means of a compensation of this current I_{α} resulting. This is substantiated by experiments. An over-excitation of the rotor may occur, when the autodyne is put under load at certain conditions. Hence, the autodyne will supply simultaneously with the transformation of active power, reactive power into the a.c. supply line. This problem will be dealt with in another paper. Subsequently the course of commutation in the

Card 2/4

UDC/105-53-3-9/21

Some Problems in the Theory of Electrical Machines of an Autodyne Type

case of a sudden load application is investigated. The theoretical considerations are substantiated by experiment. No friction torques were taken account of in the explanation of the mode of operation of the autodyne. A system of auxiliary windings is introduced in order to compensate for these losses in reality. The accelerating torque thus produced compensates the torque caused by the friction forces. During the starting of the autodyne these auxiliary windings play the part of the short-circuited windings of the stator. The autodyne armature is accelerated up to synchronous speed in the presence of these windings, and then the necessary feed-back between the collector voltages and the controlling magnetization of the machine is established. There are 6 figures.

ASSOCIATION: Budapeshtskiy tekhnicheskii universitet
(Budapest Technical University)

SUBMITTED: April 4, 1958
Card 3/4

SOV/105-58-8-8/21

Some Problems in the Theory of Electrical Machines of an Autodyne Type

1. Electrical equipment--Design
2. Motor generators--Applications
3. Electric circuits--Theory
4. Electric circuits--Test results

Card 4/4

8(5)

SOV/105-50-11-6/26

AUTHOR: Benedikt, O. V., Corresponding Member of the Hungarian Academy of Sciences

TITLE: Some Principal Circuit Diagrams of the Autodyne (Nekotoryye osnovnyye skhemy avtodina)

PERIODICAL: Elektrichestvo, 1958, Nr 11, pp 24-29 (USSR)

ABSTRACT: This is an investigation of some autodyne circuit diagrams and of the properties and fields of application distinctive of these circuits. Elektrichestvo, 1958, Nr 8, pp 42-46, contains a report on this new machine which was invented by O. V. Benedikt (Ref 1). Firstly an example is presented illustrating the realization of feedback. The winding w'_y is connected to the difference between the supply voltage U and the voltage level U_y . It is assumed that the vectors $\vec{\phi}_1$ res and $\vec{E}_1$ res take a position, so that $U = U_y$..., formula (1), that is to say, $\Delta AW' = 0$. As no torque is present, the armature rotates at synchronous speed and $\Delta \beta = 0$. The three cases of a disturbance of steady operation are discussed. It is shown that

Card 1/5

Some Principal Circuit Diagrams of the Autodyne SOV/105-58-11-6/26

an autodyne is a source of constant voltage, in contrast to

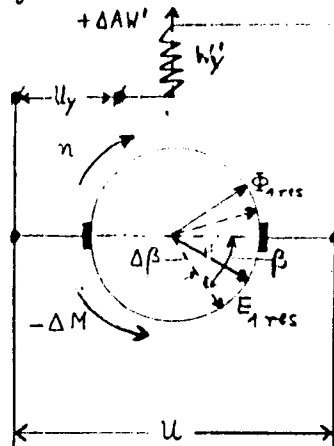


figure 1

a motor-generator. This voltage is independent of the variation of such factors as load, voltage, or frequency of the a.c., the voltage level being capable of a gradual variation from $+U_{y \max}$ to $-U_{y \max}$. The curves $U = f(I)$ of this machine are straight lines parallel to the abscissa. The circuit diagram illustrated in figure 1 can be applied in such cases where a voltage stabilization according to a gradually controlled level is required, and where it is necessary to have a voltage U

follow the variation of another voltage. An autodyne is not only capable of operating as a power converter, but also as an automatic controller of other units. A particular advantage offered by the autodyne as compared to other automatically con-

Card 2/5

Some Principal Circuit Diagrams of the Autodyne S.M. 101-11-11- /28

trolled exciters is the circumstance that it requires no special driving motor for its own rotation or a connection with the shaft of the machine to be controlled. Another circuit diagram gives evidence of how the stabilized d.c. can be used for the supply of one or a number of d.c. motors. The torque of the motors can be varied independently of their speed, as at a variation of the speed (and of the emf of the motor) the voltage U of the autodyne varies correspondingly. This circuit diagram shown in figure 5 can be unified with that of figure 1. Thus either a current- or voltage stabilization is attained. An example is provided by the series A3 autodynes. They may be operated with the four circuit diagrams shown in figure 6. The deficiencies of the series A3 autodynes are exposed. The rotor overexcitation of an autodyne is investigated. If the active load is varied due to a reduction of the voltage U at a constant current I , the machine passes into a condenser operation and improves the $\cos \phi$ of the grid. This phenomenon is termed a rotor overexcitation in contrast to stator overexcitation. This effect can be used in all autodyne circuits where control operates within the limits of $U_{\max} > U > 0$ and where current and

Card 3/5

Some Principal Circuit Diagrams of the Autodyne SOV/105-89 11-26/28

voltage vectors coincide for the purpose of obtaining a capacitive current. When the autodyne is compared with a motor-generator unit, which it is intended to replace, the circumstance is of paramount importance that the autodyne simultaneously with the conversion of the active power supplies a capacitive current into the grid. The question of cost reduction, if an autodyne is used as a phase shifter, can only be answered for an actual circuit and under actual operational conditions. Figure 7 contains the circuit diagram of a booster autodyne. In the circuits presented the feedback was effected by a voltage taken from the working brushes. There is no reason, however, for not taking the voltage from other points of the commutator. In the circuits presented in this paper the control magnetization was generated only in the longitudinal axis. The autodyne could, however, be invested with new properties if this magnetization were produced along the transverse axis or in an intermediate position. There are 3 figures and 2 references, 1 of which is Soviet.

Card 4/5

Some Principal Circuit Diagrams of the Autodyne SCV/105-58-11-4/29

ASSOCIATION: Budapeshtskiy tekhnicheskii universitet
(~~Budapest~~ Technical University)

SUBMITTED: May 5, 1958

Card 5/5

BENEDIKT, O.

Problems of diesel locomotives equipped with asynchronous motors; also, remarks by A. Mandi and others. p.305.

Magyar Tudományos Akadémia. ^{Techn.} Műszaki Tudományok Osztálya. ^{Statisztika} KÖZLEMÉNYEL. Budapest, Hungary. Vol. 23, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

GELEJI, Sandor, akadémikus, osztálytitkar; BOGNAR, Geza, akadémikus; BENEDIKT, Otto, akadémikus; MAJOR, Mato, lev.tag.; SZIGETI, György, akadémikus; BAN, Tamas; HEVASI, BYULA, Elnök; BAZSO, Imre, lev. tag.

1. Report on the work of the Section of Technical Sciences to the 1960 General Meeting of the Hungarian Academy of Sciences; also, remarks by G.Bognar and others. Muszaki kozl MTA 27 no.1/2:1-34 '60. (EEAI 10:4)

1. Magyar Tudományos Akadémia, Muszaki Tudományok Osztálya (for Geleji, Bognar, Benedikt, Major, Szigeti, Hevesi)
(Hungarian Academy of Sciences)
(Hungary--Technology)

S/194/62/000/008/012/100
D201/D308

AUTHOR: Benedikt, Otto V

TITLE: A new rotating Autodyne amplifier

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 8, 1962, abstract 8-2-53 t (Souhrn prací o automat.
1959, Prague, 1961, 459 - 472 [Ger., summary in Eng.])

TEXT: Description of a rotating amplifier (amplidyne) for the control of D.C. voltage and for automatic control of various devices. To produce pulses of the magnetomotive force, the amplidyne utilizes a high sensitivity balancing magnetic system. The solution of various problems of automatic control can be obtained by choosing a suitable form of negative feedback. [Abstracter's note: Complete translation.]

Card 1/1

BENEDIKT, O.

"Electrical machines. IV. Asynchronous machines" by J. Liska.
Reviewed by O. Benedikt. Periodica polytechn electr 5 no.3:269-270
'61.

BENEDIKT, Otto, akadémikus

Co-reports; also remarks by I. Rasso and others. Mussaki kozl MTA 19
no.1/4:21-32 '61.

1. Magyar Tudományos Akadémia.

BENEDIKT, Otto, dr., akadémikus, egyetemi tanár

The principle of operating autodyne. Elektrotechnika 54
no.5:197-206 My '61.

1. Budapesti Műszaki Egyetem Különleges Villamosgépek és Automa-
tika Tanszék.

BENEDIKT, O.V. (Budapesht)

Concerning the stability criteria of an autodyne, stabilizing its
own input voltage. Izv. IN SSSR. Otd. tekhn. nauk. Energ. i avtom.
no. 2:92-103 Mr-Ap '62. (MIRA 15:4)
(Rotating amplifiers)

BENEDIKT, Otto, dr., Kossuth-díjas akadémikus

Automation of production processes; automation research in Hungary
as seen by Dr. Otto Benedikt, Kossuth-prize winning academician.
Ujit lap 14 no.2:3 Ja '62.

1. Igazgato, Magyar Tudomanyos Akademia Automatizalasi Kutato
Laboratoriuma.

(Hungary—Automation)

BENEDIKT, O.V.

Accuracy conditions for the regulation of an autodyne.
Elektrichestvo no.4:80-86 Ap '62. (MIRA 15:5)

1. Budapeshtskiy tekhnicheskoy universitet. Deystvitel'nyy
chlen Vengerskoy Akademii nauk.
(Rotating amplifiers)

BENEDIKT, Otto, dr., akademikus

Some social aspects of automation. *Heres automat* 10 no.11/12:
336-340 '62.

BENEDIKT, Otto, akadémikus, egyetemi tanár

Social role of automation. Magyar tud 69 no.3:129-143 Mr '62.

1. Igazgató, Magyar Tudományos Akadémia Automatizálási Kutató Laboratóriuma.

BENEDIKT, Otto, akadémikus, egyetemi tanár

Some problems of autodyne research. Magyar tud 71 no. 4:209-222
Ap '64.

1. Research Institute of Automation, Hungarian Academy of
Sciences.

BENEDIKT, V.

Inductive aeriaks with ferrite rods. p. 163.
SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi)
Praha. Vol. 4, no. 6, June 1956.

SOURCE:

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

Benedikt, V.

Benedikt, V. New electric parts and materials at the Brno Exhibition. p. 374.

Vol. 4, no. 12, Dec. 1956

SLOVAKI TECHNICA

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, May 1957

No. 5

REELIFT, V.

Fluxed iron cores and ferrites in radio engineering.

F. 773. (SIAPOURDY OBEOR) (Praha, Czechoslovakia) Vol. 48, No. 11, Nov. 1957

50: Monthly Index of East European Accession (MIEA) 10 Vol. 7, No. 5, 1958

BENEDIKT, Vl., inz.

Explosion of a low-pressure gas generator. Paliva 43 no.1:
18-19 Ja '62.

1. Ustav technického dozoru, Plzen.

BENEDIKT, V., inz.

Danger of explosion and carbon monoxide poisoning in steel casting.
Strojirenstvi 13 no.8:619-620 Ag '63.

1. Ustav technického dozoru, Plzen.

L 26398-66 EWA(h)/EWP(e) WH

ACC NR: AM5024745

Monograph

URV

Benedikt, Vaclav (Engineer); Sedmidubsky, Jan; Soutor, Zdenek (Engineer)

Microminiaturization (Mikrominiaturizace) Prague, SNTL, 1965. 242 p. illus., biblio.
3200 copies printed.²⁵

TOPIC TAGS: microelectronics, microelectronic thin film, microelectronic circuit, microelectronic component, microelectronic packaging, microelectronic reliability, semiconducting material, thin film circuit

PURPOSE AND COVERAGE: This book is intended for designers and engineers in the radio communication industry. It may also be useful to students in radio engineering schools. The introductory chapters of the book deal with the principles of microminiaturization and reliability problems. Miniature and special electronic elements are discussed, and some production methods concerning microminiaturization are described. The problems of proper microminiaturization such as the design and technology of RC circuits, modules, micromodules, and special-duty circuits are discussed. Further prospects for microminiaturization development are touched on in the conclusion.

TABLE OF CONTENTS:

Ch. I. Introduction — 9

Ch. II. Principles of microminiaturization — 12

Card 1/5

L 26398-66

ACC NR: AM5024745

0

1. Utilization in electronics -- 12
2. Actual problems -- 13
3. Miniaturization and microminiaturization -- 16
4. Examples and comparisons -- 18

Ch. III. Reliability problems -- 21

5. Experience regarding reliability -- 22
6. Major trends and economical aspects of reliability -- 24

Ch. IV. Miniature and special electronic components -- 27

7. Major trends -- 27
8. Operating range of basic circuit elements -- 27
9. Semiconductor components -- 29
10. Electric vacuum devices -- 40
11. Classic electronic components -- 40
12. Structural elements -- 51

Ch. V. Materials -- 60

13. Search for new materials -- 60
14. Metallic materials -- 61
15. Semiconductors -- 68
16. Materials for manufacturing resistors -- 70
17. Magnetic materials -- 71

Card 2/5

L 26398-66

ACC NR: AM5024785

7
v

1

- 18. Ceramic materials -- 75
- 19. Artificial substances -- 78
- 20. Special materials -- 81

Ch. VI. Several achievements of microminiaturization technology -- 85

- 21. Chemical deposition -- 85
- 22. Electroplating -- 86
- 23. Circuit printing -- 86
- 24. Technology of etching using emulsions and pastes -- 89
- 25. Decomposition by heat -- 89
- 26. Evaporation in vacuum -- 90
- 27. Treatment by electron beam -- 99
- 28. Equipment for heating by electron bombardment -- 100
- 29. Properties of materials used for vacuum evaporation -- 101
- 30. Cathode sputtering -- 102
- 31. Production of films and coatings -- 103
- 32. Bonding of separate circuit elements -- 107
- 33. Technology of resistive materials -- 113
- 34. Capacitor production technology -- 117
- 35. Semiconductor elements for microminiaturization -- 120
- 36. Surface coating production technology -- 121
- 37. Microphotography -- 123
- 38. Ultrasound procedure -- 126

Card 3/5

L 26398-66

ACC NR: AM5024745

0

Ch. VII. RC circuits -- 127

- 39. Structural principles -- 128
- 40. Elements of RC flat circuits -- 130
- 41. Morphology and topology of the circuit -- 147
- 42. Transfer from classically connected resistors and capacitors to those used in flat RC circuits -- 148
- 43. Circuits with distributed parameters -- 154
- 44. Some familiarization with foreign products -- 160
- 45. Further prospects for utilizing RC circuits -- 164

Ch. VIII. Module designs -- 165

- 46. Surface of a module carrying board with flat joints -- 165
- 47. Three-dimensional modules consisting of classic elements -- 167
- 48. "Tinkertoy"-type module system -- 171
- 49. Experimental design of various module systems -- 180
- 50. Micromodules -- 185
- 51. Micromodule unit -- 201
- 52. Procedure suggested for designing electronic devices in micromodules -- 208
- 53. Practical utilization of foreign made micromodules -- 211

Ch. IX. Surface and multidimensional functional circuits -- 214

- 54. Trends in solving microminiature circuits -- 214
- 55. Two-dimensional circuits -- 214

Card 4/5

L 26398-56

ACC NR: AM5024745

- 56. Block and mass circuits — 219
- 57. Circuits utilizing the physics of solids — 220

Ch. X. Further prospects — 226

- 58. Problems of the future development and influence of electronics — 226
- 59. Some proposals on solving the problems of electronics — 228
- 60. Some practical examples of resolving new trends — 228
- 61. Influence of physics on electronics — 230
- 62. Conclusion — 235

Bibliography — 236

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 153

Card 5/5 CC

SPURNY, Jiri; DOBIAS, Bohuslav; BENEDIKT, Vladimir

Talc flotation by some N-aliphatic alcohols. Sbor chem tech no.3,
part 2:403-420 '59.

1. Laborator anorganické chemie, Československá akademie věd Praha,
a Katedra mineralogie, Vysoká škola chemicko-technologická, Praha.

SENSELESS, NO-Dirir

Safety device for cooling water control in compressors.
Chen (pub 15 vol:44 14 195).

1. Sinner School of Mechanical and Electrical Engineering,
Shanghai.

BENEDIKTOV, Aleksandr Aleksandrovich

1963/1

(DECEASED)
c' 1962

ACOUSTICS-
(equipment)

see ILC

TROFIMENKOV, Yuriy Grigor'yevich; VOROBKOV, Lev Nikolayevich;
SEIDNITSKIY, Andrey Ivanovich; BENEDIKTOV, Aleksey
Aleksandrovich; DURANTE, V.A., kand. tekhn. nauk,
ratsenzent;

[Field methods of studying the structural properties of
soils] Polevye metody issledovaniia stroitel'nykh svoistv
gruntov. Moskva, Stroiizdat, 1964. 144 p. (MIRA 17:11)

PA - 1250

CARD 1 / 2

SUBJECT
AUTHOR
TITLE
PERIODICAL

USSR / PHYSICS
BARKOV, L.M., BENEDIKTOV, A.P., MUCHIN, K.N.
The Slowing Down of Fission Neutrons in Uranium-Water Media.
Atomnaja Energija, 1, fasc. 3, 40-44 (1956)
Publ. 3 / 1956 reviewed 9 / 1956

In the course of this work, which was carried out with the reactor of the RFT (?) the spatial distribution of the density of 1,4 neutrons was measured by means of an indium detector. These neutrons were produced by slowing down the fission neutrons emitted by a "punctiform" source in uranium water lattices. The lattices consisted of blocks of natural uranium with a diameter of 35 mm and aluminium casings, and were housed in a vessel of 140x100x105 cm.

A target convertor of U^{235} oxide-protoide (4,15 g uranium) was used as a source of fission neutrons. As to measuring methods see L.M.BARKOV et.al, Atomnaja Energija, 1, No 3, 31 (1956). For the purpose of neutralizing the thermal neutrons the uranium blocks were enclosed in cadmium foil tubes of 0,6 mm thickness, and these tubes were arranged in form of an equilateral triangular lattice spaced 4,3; 5,0 and 0,6 cm. The ratio (volume of water / volume of uranium) is variable from 0,4 to 2,0.

Preliminary experiments with a source imitating the spectrum of the fission neutrons gave the following results: 1.) In a plane passing horizontally through the source the density $q(r)$ of the slowed down neutrons is isotropic with respect to the direction towards the source. 2.) The distribution of $q(r)$ in the horizontal plane does not change in the case of a cadmium tube

Atomaja Energija, 1, fasc. 3, 40-44 (1956) CARD 2 / 2

PA - 1250

filled with air arranged vertically above the source. (Modelling of operation with a bundle of thermal neutrons). 3.) The boundary effect is of no influence up to horizontal or vertical distances of from 5 to 10 cm. The principal measurements were carried out with a converter for 3 lattices with 4,3; 5,0 and 6,0 cm spacing (ratio volume of water / uranium volume 0,4; 1,0 and 2,0), and results are shown in a diagram. Within the limit of measuring errors the distribution of $q(r)$ is isotropic, and τ_{eksp} can be computed by means of the usual formula. Next, the determination of τ is discussed for systems where there is no increase by super-cadmium neutrons. By means of the method described the coefficient τ_0 of a system, in which not only the increase of thermal but also that of supercadmium neutrons is lacking, was estimated. The values of τ which were found include the effect of the slowing down of the neutrons produced in the blocks by the fissioning of U^{238} by fast neutrons. The values of $\tau_{1,46 \text{ eV}}$, $\tau_{0,025 \text{ eV}}$ and M^2 , which were measured by various authors, do not agree well with one another. Thus, direct measurements with a method similar to the one described resulted in considerably higher values of τ than those carried out by the author.

INSTITUTION:

BENEDIKTOV, G. P.

BEZVYAKOV, A.P., kandidat tekhnicheskikh nauk, dotsent; BENEDIKTOV, G.A.,
inzhener, assistant

Methods of evaluating the stability of high frequency telephone
channels. Vest.svyazi 15 no.8:11-13 Ag'55. (MLRA 8:12)

1. Moskovskiy Elektrotekhnicheskiy institut svyazi
(Telephone)

Translation M - 3,053,477

ABOLITS, Izrail' Abramovich, dots.; BASIK, Il'ya Vasil'yevich,
starshiy nauchnyy sotr.; RIZVYAKOV, Aleksandr Petrovich,
dots.; YUDIN, Anatoliy Ivanovich, dots. Prinsipal uchastiye
BENEDIKTOV, G.A.; KOSHCHYEV, I.A., otv. red.; POPOVA, N.E.,
otv. red.; DIKAREVA, A.I., red.; MARKOCH, K.G., tekhn. red.

[Long-distance communications] Dal'niaia sviaz'. [By] I.A.Abolits
i dr. Moskva, Sviaz'izdat, 1962. 621 p. (MIRA 15:7)
(Telecommunication)

1. 1981, 1982, 1983.

2. 1984, 1985, 1986, 1987, 1988, 1989, 1990.

3. 1991, 1992, 1993, 1994, 1995.

BENEDIKTOV, I. A.

Razvitie sel'skogo khoziaistva v novoi piatiletke. Moskva, 1946. 32 p.

Title translated: The development of agriculture in the new five year plan.

BENEDIKTOV, I.A.; ABRAMOV, V.A.

[Operational experience of machine-tractor stations] Opyt raboty
MTS. Moskva, Sel'khozgiz, 1946. 226 p. (MIRA 11:6)
(Machine-tractor stations)

BENEDIKTOV, I. A.

Zadachi poema selskogo khozinstva v poslevoennyi period. Moskva,
Izdatelstvo "Pravda", 1947.

Title translated: Problems of raising agricultural production in postwar
period.

BENEDIKTOV, I.; SEDUKOV, S., red.

[Development of agriculture in the postwar period] Razvitie sel'skogo
khoziaistva v poslevoennyi period. Moskva, Gos. izd-vo polit. lit-ry,
1947. 79 p. (MIRA 14:8)

(Agriculture)

BENEDIKTOV, I.

"Toward New Development in Socialist Agriculture and Livestock Raising,"
(Summary).

Current Digest of the Soviet Press, vol. 1, no. 8, 1949

BENEDIKTOV, I. A.

19986 BENEDIKTOV, I. A. Dvadtsat' let raboty MTS. /Beseda s ministrom sel'skogo. Khozyaystva SSSR. I. A. Benediktovym/. Ozonek, 1969, No. 25, s. 4-5, s. portr.

SO: IFTOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1969.

BNEDIKTOV, I.

"The Machine and Tractor Stations in the Struggle for a New Advance in Socialist Agriculture," Bolshevik, no. 5, March, pp 9-18

Current Digest of the Soviet Press, vol. 3, no. 11, 1951

BENEDIKTOV, I. A.

"Stalin Plan of Attacking Drought," Velikie Stroiki Kommunizma (Great Constructions of Communism), Acad. of Pedagogic Scis. of the RSFSR, Moscow, 1951. (383 p.)

BENEDIKTOV, I.A.

USSR Minister of Agriculture

"Make use of All Potentialities for New Progress in Socialist Agriculture,"
Sotsialisticheskoye Zemel'deliye

Current Digest of the Soviet Press, vol. 3, no. 9 1951

BENEDIKTOV, I.

"Fulfilling the state plan for agricultural development."
Sov. agron. 10, no. 4, 1952

BENEDIKTOV, I.

"Furthering the advancement of agriculture"
Kolkh. proizv. 12, no. 1, 1952

BFNEDIKTOV, I.

"Development of agriculture in the Volga-Don district"
Kolkh. proizv. 12 no. 8, 1952

1. BENEDIKTOV, I.
2. USSR (600)
4. Agriculture
7. For further increase in socialist agriculture. Sots.sel'khoz. 23 no. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. BEMEDIKTOV, I.
2. USSR (600)
4. Agriculture
7. Guarantee unconditional fulfillment of the main task in agriculture. Sov.agron.
11, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

BENEDIKTOV, I.A.

Za dal'neishee uluchshenie raboty mashinno-traktornykh stantsii (For further improvement in the work of machine-tractor stations). Moskva, Gospolitizdat, 1954. 88 p.

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zastepitel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F., LEBANOV, P.P., glavnyy redaktor; LYSENKO, T.D., SKRYABIN, K.I., STOLKTOV, V.N.; PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHISTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMYLOV, S.P., professor, doktor biologicheskikh nauk, nauchnyy redaktor; EDL'SHTEYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERRACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, nauchnyy redaktor; YEKIMOV, V.P., agronom, nauchnyy redaktor [deceased], YTINGEN, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ, V.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor

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BEJEDIKTOV, I.A.--- (continued) Card 2.

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(Continued on next card)

BIRNEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsiklopediia.
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]
1956. 663 p. (MLRA 9:9)
(Agriculture--Dictionaries and encyclopedias)

BENEDIKTOV, Ivan Aleksandrovich; HEMYUMOV, O.M., redaktor; GUBIN, M.I.,
tekhnicheskly redaktor

[State farms in the sixth five-year plan] Sovkhozy v shestoi pti-
letke. Moskva, Izd-vo "Znanie," 1956. 31 p. (Vsesoiuznoe obshchestvo
po rasprostraneniuiu politicheskikh i nauchnykh znanii. Ser.5, no.32)
(State Farms) (MIRA 10:1)